Fronteer Development Group Inc.
Rimfire Minerals Corporation

2006 GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT ON THE WERNECKES PROJECT

Volume I – Text

Located in the Bonnet Plume River Area, Mayo Mining Division
NTS 106C/11, 12, 13, 14; 106D/09, 10, 15, 16; 106E/01, 02; 106F/03, 04
65˚ 00' N Latitude; 134˚ 05' W Longitude

-prepared for-

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Costs associated with this report have been approved in the amount of $ ~~203,200~~ 251,150.00 for assessment credit under Certificate of Work No. ~~QM00804 - 809~~ QM00657 ~~QM00512 - 523~~

Mining Recorder
Mayo Mining District

SUMMARY

The Wernecke project comprises 30 separate properties located in the Wernecke Mountains of east-central Yukon. The project area is underlain by fine-grained siliciclastic and carbonate rocks of late Paleoproterozoic age that form a stratigraphic thickness of approximately 13 km. Following deformation, mafic to intermediate dykes, sills and stocks intruded at 1.71 Ga, apparently contemporaneously with extrusion of sub-aerial mafic lava flows of similar composition. Subsequently, large volumes of iron-rich, oxidized hydrothermal fluids invaded the sedimentary rocks, creating extensive, crosscutting haematite breccia bodies known as the Wernecke breccias. Previous work has shown that these breccias contain significant iron-oxide copper-gold (IOCG) mineralization. The area also has potential for unconformity-type uranium mineralization, although no unequivocal mineralization of this style has been identified.

The Wernecke properties have been explored since the 1970's for uranium, copper, gold and cobalt, including 14,721 m of diamond drilling in 103 holes. Between 1992 and 1997 the area was widely explored based on the IOCG model. In the Werneckes, this style of mineralization is largely structurally-controlled in altered metasedimentary rocks associated with the Wernecke breccias. The most significant IOCG targets lie on the northeastern edge of the Bonnet Plume valley which is thought to follow a major fault splay within the Richardson Fault Array. Drilling in the Hoover Central Zone intersected 126.72 m @ 0.44% Cu; 12 km to the southeast, holes on the Slab Mountain and Slab Northwest zones hit up to 110.05 m @ 0.30% Cu.

In 2006, the Wernecke project was evaluated for uranium mineralization by standard surface mapping, prospecting and geochemical surveys. Targets were mostly generated from airborne radiometric data. Significant new mineralization on the Fireweed, Jazz-Thunder Mountain and Mica-Hail properties was discovered by this program and numerous areas exist for follow up work. These newly discovered showings – as well as other uranium targets examined in 2006 – area all structurally controlled. Given uranium's propensity for remobilization, uraniferous faults and shear zones are ambiguous because the contained uranium may have been sourced from unconformity-type uranium, or from IOCG deposits. Nonetheless, a structurally-controlled uranium deposit still holds potential and uranium potential of the Wernecke systems has not been tested by drilling. Extensive drilling in the mid-90's was directed exclusively at the Cu-Au-Co potential of the IOCG systems, and previous uranium exploration did not have the benefit of the IOCG mineralizing model developed in the early 1990's. Airborne gravity data over a portion of the belt is not yet fully interpreted and may provide a useful tool for developing drill targets. A $6.3M exploration program comprising diamond drilling, geological and geochemical fieldwork and ground geophysics is recommended for the Wernecke project in 2007.

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1.0 INTRODUCTION

The Wernecke project is focused on a 60 x 70 km area in the Wernecke Mountains, approximately 170 km northeast of Mayo in east-central Yukon (Figure 1). This area has been the focus of uranium exploration in the 1970s and 1980s and of copper and gold exploration in the 1990s. Several very large exploration programs have been completed in the area. In all, 14,721 m of diamond drilling in 103 holes has been completed within (or very proximal to) the current land position.

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

The 2006 program focused on uranium potential. Numerous new targets – mostly airborne radiometric anomalies – were delineated and tested by geological and geochemical surface methods. New discoveries highlight the potential for structurally controlled uranium and many areas for follow-up work exists.

Many IOCG targets defined in the 1990s remain as viable targets especially considering drill results including 126.72 m @ 0.44% Cu and 110.05 m @ 0.30% Cu from the Hoover and Slab targets, respectively. The next round of exploration should proceed with further testing of both uranium and IOCG targets.

2.0 PROPERTY TITLE

Thirty separate properties – comprising 2,010 quartz claims covering approximately 420 km^2 – make up the Wernecke project (Figure 2, Appendix B). Records of the Yukon Department of Energy, Mines and Resources indicate that all claims are held by Fronteer Development Group Inc. (“Fronteer”). Separate documents indicate that they are held by a Joint Venture between Fronteer (80%) and Rimfire Minerals Corp. (“Rimfire”) (20%). Newmont Canada Limited (“Newmont”) and Breakwater Resources Ltd. (“Breakwater”) share a 2% NSR and the underlying vendors retain a 7.5-15% NPI on the Wernecke project claims.

3.0 LOCATION, ACCESS AND GEOGRAPHY

The Wernecke project is located in the Wernecke Mountains of east-central Yukon, Canada, approximately 170 km northeast of Mayo (Figure 1). The Wernecke properties lie within the Mayo Mining District, centred at 65° north latitude and 134° west longitude. The claims are located on NTS map sheets 106C/11, 106C/12, 106C/13, 106C/14, 106D/9, 106D/10, 106D/15, 106D/16, 106E/1, 106E/2, 106E/8, 106F/3 and 106F/4 within an area measuring 60 x 70 km.

0 200 400 800

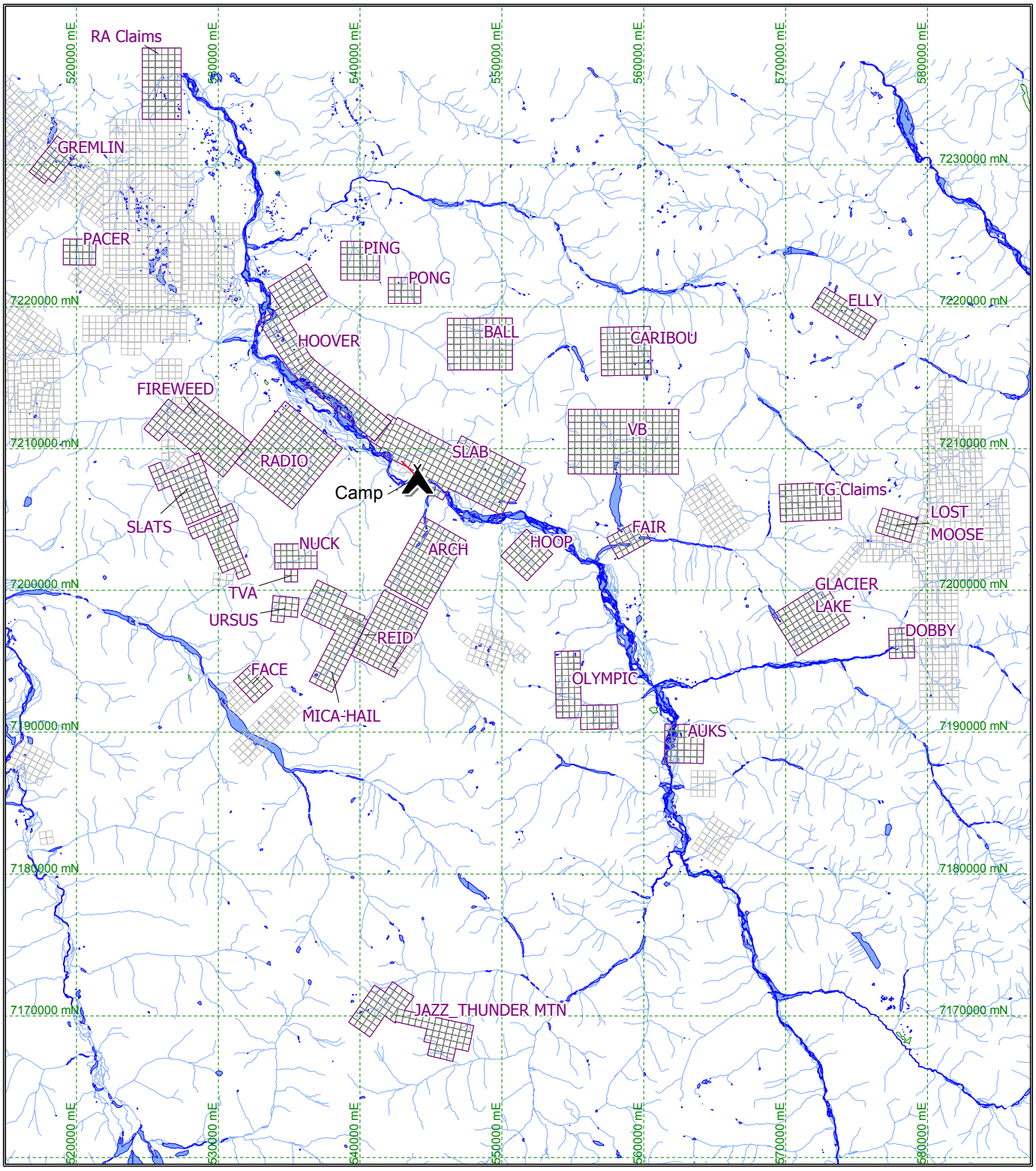
kilometres

FRONTEER DEVELOPMENT GROUP INC

WERNECKE PROJECT

LOCATION MAP

EQUITY	Date: MAR 2007	Scale: 1:12,000,000	Figure 1
	U.T.M. Zone UTM8 - NAD83	Mining District Mayo	
	N.T.S. 106C,D,E,F	State/Province Yukon	



20 km

Competitor Claims

Fronteer Claims

FRONTEER DEVELOPMENT GROUP INC.

WERNECKE PROJECT
Project Areas
Tenure

EQUITY	Date: MAR 2007	Scale: 1:400,000	Figure 2
	U.T.M. Zone: UTM 8 - NAD83	Mining District: Mayo	
	N.T.S.: 106 C,D,E,F	State/Province: Yukon	

The properties are best accessed by helicopter from a base camp on the 885 m-long Copper Point gravel airstrip, located in the Bonnet Plume River valley on the Slab claims. The Copper Point strip is suitable for most fixed wing aircraft, generally serviced out of Mayo or Whitehorse (500 km to the south). Other airstrips in the area, including Bear River, Wind River, Dolores Creek and Bonnet Plume River Mines are of limited or unknown serviceability. Several lakes in the area, including Fairchild, Kiwi, Quartet, Gillespie, Pinguicula, Glacier and McClusky are suitable for float-equipped aircraft.

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

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

4.0 PROPERTY EXPLORATION HISTORY

4.1 Previous Work

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

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

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

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

In early 2006, Fronteer and Rimfire optioned the 410 key claims still held by Newmont and Breakwater, along with their geochemical/geophysical database. As funding partner, Fronteer staked an additional 1,600 claims and carried out extensive geological and geochemical fieldwork and an airborne gravity survey in 2006, focused primarily on the district's uranium potential.

4.2 2006 Exploration Program

Exploration in 2006 consisted of a fixed-wing borne geophysical survey and a surface program of geological mapping, prospecting and soil sampling. All fieldwork was helicopter-supported and based out of centrally located camp at the Copper Point airstrip in the Bonnet Plume River valley. Field crews collected a total of 716 rock samples and 3626 soil samples (including QA/QC samples) between June 20th and September 10th, 2006. Equity Engineering Ltd. of Vancouver, BC was contracted to conduct the surface exploration program. Bell Geospace of Houston, TX was contracted by Fronteer to conduct an airborne full tensor gravity gradiometer (Air-FTG®) survey over the project area (Appendix E, Selman, 2006). From September 19th to October 20th, 2006, Bell Geospace flew 4,184 line km of the proposed 7,819 line km survey (53.5%). The survey was terminated prior to its final completion due to increasingly bad weather conditions in the region.

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

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

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

All samples were shipped from camp to Vancouver via Greyhound Cargo, and analyzed by ALS Chemex Laboratories of North Vancouver. All soil and rock samples were analyzed for gold by 30 g Fire Assay-Atomic Absorption Spectroscopy Combination. Soil samples were submitted for a multi-element suite that employed an aqua regia acid digestion and a combination of Inductively Coupled Plasma Mass Spectrometry (ICP-MS) and Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES) techniques. Rock samples were submitted for a multi-element analysis package that utilized a four acid digestion and a combination of ICP-MS and ICP-AES techniques. Certificates of Analysis are presented in Appendices I.1 and I.2. Pulp assays were carried out for high geochemical values of Au, Ag, Pb, or Zn; the assays were used for plotting and calculations. Pressed Pellet-Wavelength Dispersive X-Ray Fluorescence Spectrometry (XRF) analysis was carried out on pulps from samples that returned initial uranium values greater than 1000 ppm. As part of the QA/QC program, the reject material from these high-uranium samples was sent to Activation Laboratories of Ancaster, Ontario for prep and analyses by the same technique. “Metallics” assays for Au were carried out on rejects when initial geochemical values exceeded 10,000 ppb Au (n=3). The procedures, results and conclusions of the sampling QA/QC program are summarized in Appendix F.

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

5.0 REGIONAL GEOLOGY AND MINERLIZATION

5.1 Regional Geology

The Wernecke Mountains are underlain by approximately 13,000 m of fine-grained siliciclastic and carbonate rocks of the late Paleoproterozoic age. These rocks were deposited during two cycles of

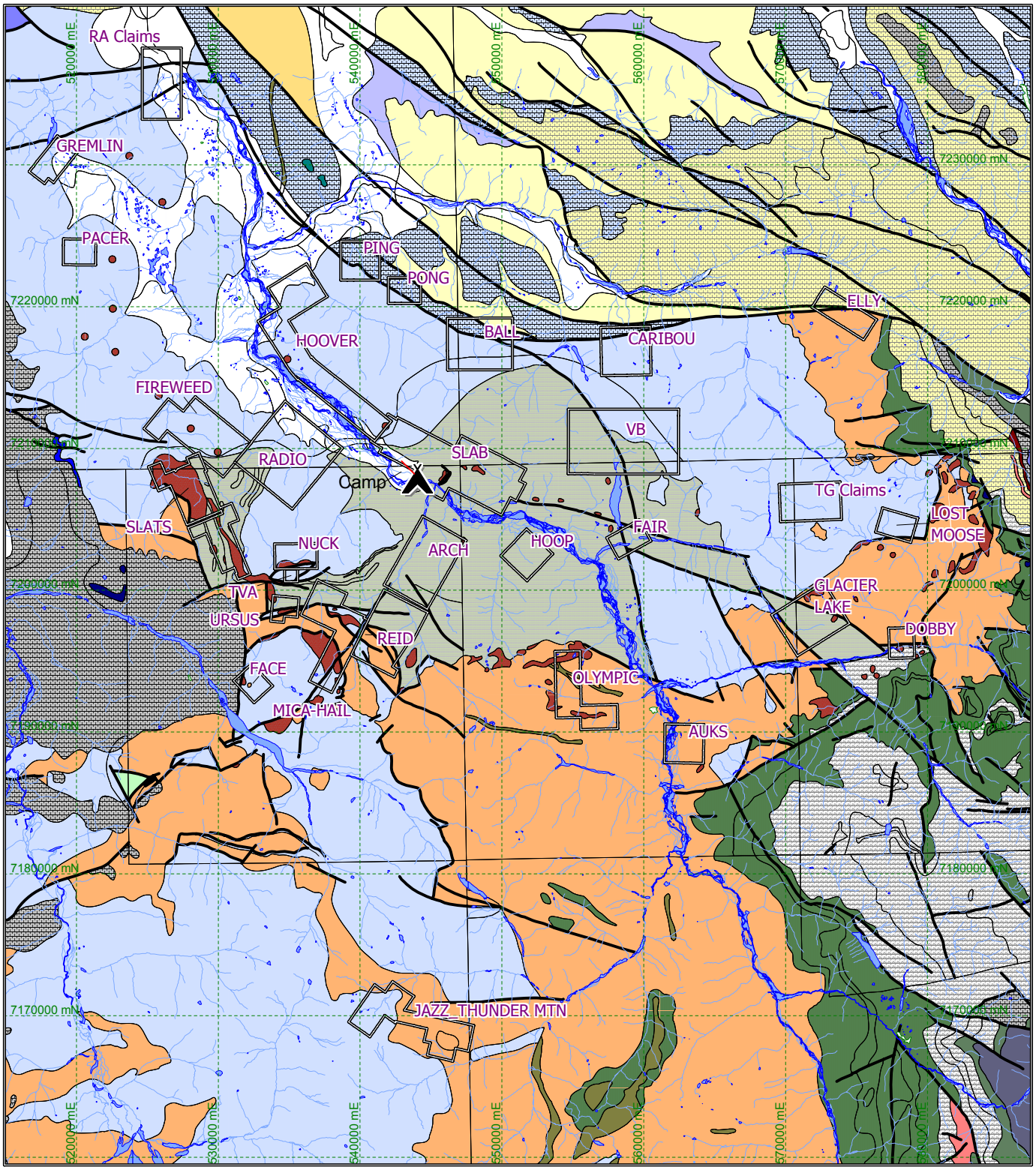
subsidence and uplift in a rift-related, intra-cratonic basin and were subsequently affected by up to three compressive deformation events, resulting in development of isoclinal folding, schistosity, and local kink banding (Brideau et al., 2002). Following deformation, mafic to intermediate dykes, sills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

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

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

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

The Quartet Group consists of greater than 5,000 m of monotonous dark-grey weathering, fine-grained siliciclastic sediments. Immediately above the red brown weathering shale of the Fairchild Lake Group is a 330 metre thick section of dark grey to black weathering, laminated shales and silty shales (Q-l). The balance of the section is comprised of dark grey weathering siltstone and sandstone with interbeds of shale and quartzite (Q2). Primary structures include cross and graded bedding, ripple marks and load casts. Massively bedded quartzites increase in frequency towards the top of the group. The base of Q-2 is marked by a 180 metre thick, rusty weathering, pyritic quartzite unit.



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

Regional Stratigraphy

Quaternary

- Alluvium, colluvium and glacial

Cambrian to Devonian

- Dolostone, sandstone, conglomerate

Upper Proterozoic

- Micritic dolostone

Middle to Upper Proterozoic

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

Middle Proterozoic

- Siltstone and shale

Lower Proterozoic

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

Intrusions (Middle Proterozoic)

- Wernecke Breccia

20 km

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WERNECKE PROJECT
Project Areas
Regional Geology

EQUITY	Date: MAR 2007	Scale: 1:400,000	Figure 3a
	U.T.M. Zone: UTM 8 - NAD83	Mining District: Mayo	
	N.T.S.: 106 C,D,E,F	State/Province: Yukon	

Regional (1:50,000) Stratigraphy after Thorkelson and Wallace (1998)

Quaternary

Q — Alluvium, colluvium and glacial deposits

Cambrian to Devonian

CDS — Resistant, crudely stratified, light grey weathering dolostone, locally underlain by reddish brown weathering sandstone and conglomerate

Middle Cambrian (?)

CSC — Grey weathering dolostone and purple weathering mudstone interlayered with carbonate-rich conglomerate and olistostrome brown weathering, thin to medium bedded, plane to cross-bedded, coarse sandstone and chert rich granule conglomerate with carbonate matrix

Upper Proterozoic to Lower Paleozoic

PCS — Rusty to grey weathering quartz arenite; pinkish orange and grey weathering white carbonate; pebble conglomerate; siltstone and shale. Correlative with the Backbone Ranges and Vampire Formations

Upper Proterozoic

PS — Recessive, black weathering shale and siltstone; minor grey weathering limestone near top of unit may belong to the Gametrail Formation

PK — Thin bedded to massive, light orange to brown weathering micritic dolostone. Minor brown weathering diamictite locally forming base of unit may belong to Ice Brook Formation

PT — Black to brown weathering siltstone and wacke, commonly micaceous, mudcracked and ripple marked; brown to orange and grey weathering medium to very thick bedded dolostone; black grey and maroon weathering mudrock; minor grey white plane bedded quartz arenite

PTP — Massive to thick bedded, light grey weathering dolostone commonly containing vugs, stromatolites, oncolites, oolites and micritic intraclasts; commonly fetid; minor siltstone, sandstone and grit

PSH — Massive green weathering diamictite containing rounded to subrounded pebbles and cobbles of carbonate, sandstone and (?) greenstone

PSA — Thick bedded to massive, orange to brown weathering sandstone and conglomerate containing rounded to subrounded pebble to boulder sized clasts of carbonate, siltstone and quartz arenite

Middle to Upper Proterozoic

PED — Grey to yellow weathering, medium to thick bedded micritic dolostone; minor black mudrock

PKA — Grey to white and pinkish white weathering fine to medium grained quartz arenite; black, brown and purple weathering siltstone and wacke, locally micaceous, mudcracked and ripple marked; minor dolostone

PTz — Black to brown weathering siltstone and wacke, commonly micaceous, mudcracked and ripple marked; brown to orange and grey weathering medium to very thick bedded dolostone; black greyand maroon weathering mudrock; minor grey white plane bedded quartz arenite

PTz/KA — Tsezotene Formation and/or Katherine Group

PHC — Medium to very thick bedded buff, orange, brown and grey weathering dolostone, interbedded with black, grey and maroon weathering shale, micaceous siltstone nodular limestone and light grey weathering quartz arenite. Stromatolites are locally abundant

PHCC — Thick to very thick bedded light grey weathering quartz arenite; minor siltstone and carbonate abundant in upper parts of PHC

Middle Proterozoic

PPC — Thin to very thick bedded and massive, grey weathering dolostone and limestone; abundant "zebra" texture and pods of coarse grained sparry dolomite; minor intraclast conglomerate and interbeds of black shale

PPB — Medium bedded, orange weathering dolostone; minor grey weathering limestone and maroon weathering siltstone. Local crossbedding and intraclast conglomerate

PPA — Thin bedded, laminated, maroon, green and black weathering siltstone and shale; minor basal sandstone and conglomerate

Lower Proterozoic

PSV — Northeast of Bonnet Plume River, grey to maroon, dense to amygdaloidal lava flows; minor sandstone and conglomerate

PGL — Orange, brown and grey weathering dolostone and silty dolostone, locally stromatolitic, locally hosting chert nodules and sparry karst infillings, interbedded with subordinate black weathering siltstone and shale, green, grey and quartzose

PGLBM — Southwest of Bear River, brown to black weathering laminated mudstone and shale

PGLGM — Southwest of Bear River, green, grey and brown weathering laminated mudstone

PGLS — Black weathering siltstone and shale

PGLB — Basal Gillespie Lake Group: cross laminated orange weathering silty to sandy dolostone interbedded with black weathering shale and grey to white weathering, quartzose, fine grained sandstone

PQ — Black weathering shale; grey weathering thin to medium bedded finely laminated to cross laminated siltstone light grey weathering thick bedded fine to medium grained quartz arenite

PQQM — Local marker unit of light grey weathering quartz arenite

PFLU — Black weathering shale, siltstone and dolomitic siltstone, locally crenulated and kink-banded; orange, brown, grey, and white weathering dolostone

PFLUGM — Local marker unit of grey weathering dolostone

PFLUWM — Local marker unit of white weathering dolostone

PFL — Black to grey weathering, thin to medium bedded siltstone, shale and slate, commonly laminated; brown weathering, thin-bedded silty dolostone; bluish to greenish-grey-weathering phyllite and fine-grained muscovite-chlorite-quartz schist

Intrusive Rocks

Late Proterozoic to Early Paleozoic

PPD — Dark green weathering fine to medium grained diorite dykes cross cutting Little Dal Fm and Katherine Gp. Dykes locally host veins of epidote, calcite, hematite and malachite

Late Proterozoic to Cambrian

PCI — Brown weathering, aphyric to phlogopite-phyric dykes cross cutting Wernecke and Mackenzie Mountains supergroups, and locally hosting abundant xenoliths

Late Proterozoic

LPD — Dark green weathering fine to medium grained diorite within Tsezotene Formation. Locally, diorite is plagioclase-phyric and hosts veins of calcite, quartz and pyrite

Middle Proterozoic

MPD — Dark green weathering fine to medium grained diorite cross cutting Quartet Group. Locally, diorite hosts veins of epidote, quartz, calcite, pyrite, chalcopyrite and hematite

PWB — Mottled red, grey brown and grey weathering hematitic breccia and related metasomatized country rock. Breccia contains variably metasomatized clasts of Wernecke Supergroup and minor Early Proterozoic diorite.

PWBQ — Rusty weathering pyritic breccia containing clasts of Wernecke Supergroup

Early to Middle Proterozoic

EPI — Grey weathering dykes of basaltic biotite lamprophyre, locally spherulitic or amygdaloidal; locally crosscut by stringers of hematite

Early Proterozoic

EPD — Dykes, stocks, and megaclasts of greenish grey weathering, fine to medium grained diorite to gabbro, commonly containing stringers or disseminations of hematite or magnetite. Megaclasts common with Wernecke breccia.

FRONTEER DEVELOPMENT GROUP INC.

WERNECKE PROJECT

Detailed Stratigraphy

EQUITY	Date: MAR 2007	Scale:	Figure 3b
	U.T.M. Zone: UTM 8 - NAD83	Mining District: Mayo	
	N.T.S.: 106 C,D,E,F	State/Province: Yukon	

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

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

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

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

The Wernecke Supergroup is cut by diorite dykes/sills and one body of peridotite. Several lamprophyre dykes approximately 1.0 m wide, with books of fresh biotite up to 4 cm in diameter are found northwest of Fairchild Lake (Archer and Schmidt, 1978). K-Ar dating of biotite points to a Late Proterozoic or Early Cambrian age for these dykes (Delaney, 1981). Diabase dykes, tentatively assigned a Cretaceous age, occur in the southern half of the map-area.

5.2 District Structure

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

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

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

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

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

5.3 Regional Mineralization

There are two main deposit types of current interest on the Wernecke properties: (1) iron oxide copper-gold (IOCG) including related, structurally-controlled veins, and; (2) unconformity-related uranium.

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

Hunt et al. (2006) have suggested the possibility for unconformity-related uranium deposits in the Wernecke Mountains, similar to the high-grade deposits of the Athabasca Basin, such as Rabbit Lake, Cluff Lake and Cigar Lake. Unconformity-related uranium deposits are hosted by shelf facies metasedimentary rocks of Early Proterozoic age (graphitic or sulphide-rich metapelites, calcsilicate rocks and metapsammites), regolith and unconformably overlying continental sandstones of Middle Proterozoic age. Orebodies are tabular, pencil-shaped or irregular in form, extending up to a few kilometres in length; most extend <100 m below the unconformity. Orebodies are localized by the intersection of regional and local faults with unconformity surfaces where mixing occurs between reduced basement and oxidised basinal fluids. Pitchblende, coffinite, uranophane, thucolite, brannerite and iron sulphides fill pore spaces or voids in breccias and vein stockworks. Deposits are accompanied by chloritization, hematization, kaolinization, illitization and silicification. Unconformity-related uranium deposits are associated with elevated Ni, Co, As, Pb and Cu, which can be used as pathfinder elements.

6.0 GEOCHEMISTRY

6.1 Silt Geochemistry

Tables 1 through 4 present percentiles and correlation coefficients determined from two independent data sets of stream sediment geochemistry. The Geological Survey of Canada completed an RGS survey (Open File 1275) in the 1970's and a subset of 779 out of 2945 samples collected from NTS mapsheets 106 C, D, E, and F were used for calculations. The second data set consists of 320

field-sieved fine-sediment stream samples collected by the Fairchild Joint Venture project in 1994 and 1995 and 56 pre-1992 sample pulps that the Fairchild Joint Venture submitted for re-analysis. No silt samples were collected in 2006.

Table 1: RGS Silt Geochemistry Percentiles

Percentile	Ag (ppm)	As (ppm)	Au (ppb)	Bi (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Th (ppm)	U (ppm)	Zn (ppm)
98th	0.3	64	26	0.10	47	180	14	61	160	5.3	29	11.5	540
95th	0.2	37	11	0	36	123	8	49	100	4.0	25	8.3	335
90th	0.1	26	7	0	28	102	5	41	67	3.4	22	6.7	240
85th	0.1	22	5	0	24	83	4	34	52	2.9	19	5.7	171
80th	0.1	19	5	0	22	72	3	30	45	2.6	16	4.9	144
70th	0.1	14	3	0	17	52	2	25	32	2.0	12	3.8	114
60th	0.1	12	2	0	15	42	2	21	25	1.7	10	3.2	94
50th	0.1	10	1	0	12	34	1	16	19	1.4	9	2.7	80
Max Value	4.0	885	736	0.31	166	2850	960	310	870	37.4	138	273.0	2600
Population	779	779	779	779	779	779	779	779	779	779	779	779	779

Table 2: Correlation Matrix for Regional Stream Sediment Data

	Ag	As	Au	Bi	Co	Cu	Mo	Ni	Pb	Sb	Th	U	Zn
Ag													
As	0.354												
Au	0.004	0.083											
Bi	0.022	0.002	0.016										
Co	0.128	0.453	0.087	0.117									
Cu	0.316	0.749	0.093	0.008	0.629								
Mo	0.002	0.024	0.244	0.019	0.014	0.001							
Ni	0.090	0.517	0.171	0.162	0.474	0.315	0.272						
Pb	0.723	0.157	0.035	0.020	0.003	0.031	0.011	0.007					
Sb	0.412	0.602	0.066	0.085	0.206	0.188	0.058	0.517	0.381				
Th	0.016	0.440	0.105	0.045	0.409	0.182	0.001	0.475	0.148	0.509			
U	0.122	0.046	0.035	0.045	0.112	0.096	0.003	0.048	0.017	0.025	0.162		
Zn	0.714	0.169	0.024	0.050	0.107	0.055	0.015	0.126	0.892	0.347	0.073	0.025	

Table 3: Fairchild Joint Venture Silt Geochemistry Percentiles

Percentile	Ag (ppm)	As (ppm)	Au (ppm)	Bi (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
98th	0.7	124	0.056	6	103	538	10	87	122	762
95th	0.6	98	0.030	4	75	403	8	69	87	378
90th	0.2	62	0.020	2	63	290	6	59	53	264
85th	0.2	58	0.015	2	56	229	5	50	34	202
80th	0.2	46	0.010	2	47	196	4	47	30	160
70th	0.2	30	0.005	2	38	148	3	41	22	127
60th	0.2	18	0.005	2	30	119	2	37	16	103
50th	0.2	12	0.005	2	25	97	1	34	14	84
Max. Value	2.8	960	0.110	14	218	2530	16	290	356	2440
Population	371	268	371	361	375	375	338	375	324	375

Table 4: Correlation Matrix for Fairchild Joint Venture Stream Sediment Geochemistry

	Ag	As	Au	Bi	Co	Cu	Mo	Ni	Pb	Zn
Ag										
As	0.114									
Au	0.029	0.009								
Bi	0.164	0.004	0.011							
Co	0.046	0.639	0.097	0.062						
Cu	0.070	0.881	0.057	0.055	0.685					
Mo	0.133	0.300	0.178	0.165	0.514	0.343				
Ni	0.015	0.634	0.013	0.013	0.829	0.532	0.480			
Pb	0.304	0.019	0.008	0.032	0.078	0.023	0.128	0.020		
Zn	0.186	0.070	0.050	0.022	0.055	0.035	0.136	0.214	0.704	

6.2 Soil Geochemistry

Soil geochemistry (Appendix I.2) from exploration prior to 2006 has been compiled into a historical data set and has been treated independently from the 2006 soil geochemistry data. This is necessary to accommodate for the different analytical techniques utilized over the span of recorded exploration. The historical data set consists of 7841 soil samples collected from within the project area. Nearly all of this data is from exploration programs carried out in the mid 1990's as part of the Fairchild Joint Venture project and is considered to be complete. Results prior to about 1990 are fragmented. In 2006, a total of 3626 soil samples, including 56 field duplicates and 45 blanks were collected from within the project area. Percentiles and correlation coefficients determined for each data set are presented below in Tables 5 through 8. As the absolute value for each threshold is different within each data set all results are presented as percentiles on accompanying maps.

Generally, soil development within the project area is poor and that the majority of these samples were taken from talus fine material. The development of B horizon soil occurs only at lower elevations and in areas of relatively dense vegetation.

Table 5: Historical Soil Geochemistry Percentiles

Percentile	Ag (ppm)	Au (ppm)	Bi (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
98th	2.0	0.080	10	194	1666	21	108	90	398
95th	0.8	0.045	6	108	890	13	76	54	232
90th	0.4	0.025	4	74	489	9	56	36	160
85th	0.2	0.015	4	58	338	6	49	28	134
80th	0.2	0.005	2	48	257	5	44	24	116
70th	0.2	0.005	2	36	168	3	38	20	96
60th	0.2	0.005	2	29	117	2	34	14	82
50th	0.2	0.005	2	23	86	2	30	12	72
Max Value	46.0	1.070	1200	4890	24700	211	691	860	5430
Population	7841	7841	7841	7841	7841	7841	7841	7841	7841

Table 6: Correlation Matrix for Historical Soil Geochemistry

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

Table 7: 2006 Soil Geochemistry Percentiles

Percentile	Scint	Au (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Th (ppm)	U (ppm)	Zn (ppm)
98th	336	0.044	1.05	170.0	5.83	117.3	620.2	14.95	104.5	152.8	5.38	39.3	16.18	526.6
95th	310	0.025	0.54	95.58	3.72	77.2	344.8	9.21	68.2	80.7	3.62	23.7	10.00	270
90th	280	0.016	0.34	58.96	2.41	52.0	196.3	5.70	50.6	52.0	2.45	16.9	6.79	172
85th	270	0.012	0.26	41.34	1.81	40.7	139.2	4.04	43.0	38.5	1.81	13.8	5.24	131
80th	255	0.009	0.22	33.12	1.47	33.6	111.0	3.14	37.3	32.1	1.51	11.8	4.29	109
70th	235	0.006	0.16	22.20	1.08	24.1	77.9	2.23	30.7	25.0	1.17	8.8	3.02	89
60th	215	0.005	0.13	16.50	0.85	18.6	57.5	1.74	26.8	20.7	0.95	6.9	2.23	75
50th	196	<0.005	0.11	13.00	0.68	15.6	45.2	1.44	23.9	17.3	0.82	5.5	1.70	63
Max Value	1400	0.389	8.21	995.0	97.6	1240	4140	92.80	577	3160	25.0	103.5	107.5	5700
Population	3525	3525	3525	3525	3525	3525	3525	3525	3525	3525	3525	3525	3525	3525

Table 8: Correlation Matrix for 2006 Soil Geochemistry

	Scint	Au	Ag	As	Bi	Co	Cu	Mo	Ni	Pb	Sb	Th	U	Zn
Scint														
Au	0.215													
Ag	0.100	0.122												
As	0.087	0.288	0.434											
Bi	0.107	0.209	0.413	0.605										
Co	0.206	0.449	0.151	0.539	0.355									
Cu	0.201	0.524	0.232	0.528	0.408	0.536								
Mo	0.250	0.493	0.230	0.440	0.327	0.572	0.412							
Ni	0.201	0.273	0.273	0.539	0.409	0.643	0.496	0.422						
Pb	0.095	0.002	0.515	0.155	0.092	0.026	0.052	0.079	0.152					
Sb	0.003	0.099	0.696	0.443	0.311	0.196	0.233	0.267	0.394	0.400				
Th	0.410	0.086	0.010	0.202	0.191	0.346	0.266	0.213	0.397	0.005	0.163			
U	0.380	0.306	0.065	0.235	0.212	0.384	0.323	0.501	0.363	0.003	0.118	0.413		
Zn	0.122	0.004	0.340	0.145	0.076	0.031	0.049	0.042	0.174	0.693	0.313	0.017	0.002	

6.3 Rock Geochemistry

Rock geochemistry (Appendix I.1) from exploration prior to 2006 has been compiled into a historical data set and has been treated independently from the 2006 rock geochemistry data. As with the soil data, different analytical techniques and detection limits preclude merging the data directly. The historical data set comprises about 3700 rock samples collected from within the

project area. Nearly all of this data is from exploration programs carried out in the mid 1990's as part of the Fairchild Joint Venture project and is considered to be complete.

In 2006, a total of 585 rock samples were collected from within the project area. Percentiles and correlation coefficients determined for each data set are presented below in Tables 9 through 12.

Table 9: Historical Rock Geochemistry Percentiles

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

Table 10: Correlation Matrix for Historical Rock Geochemistry

	Ag	As	Au	Bi	Co	Cu	Mo	Ni	Pb	U_3O_8	Zn
Ag											
As	0.005										
Au	0.552	0.019									
Bi	0.055	0.007	0.004								
Co	0.089	0.199	0.076	0.046							
Cu	0.503	0.026	0.295	0.155	0.150						
Mo	0.073	0.011	0.069	0.004	0.057	0.085					
Ni	0.195	0.010	0.210	0.286	0.191	0.165	0.041				
Pb	0.050	0.256	0.014	0.087	0.017	0.035	0.021	0.011			
U_3O_8	0.033	0.227	0.133	0.007	0.092	0.005	0.020	0.012	0.688		
Zn	0.105	0.000	0.064	0.160	0.025	0.152	0.003	0.043	0.378	0.004	

Table 11: 2006 Rock Geochemistry Percentiles

Percentile	Scint	Au (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	U_3O_8 (%)	Zn (ppm)
98th	2804	1.760	26.2	1288	119.0	943	8.94%	184	308	366	28.5	0.267	319
95th	1100	0.640	8.9	374	22.4	470	3.43%	57	161	171	12.8	0.092	186
90th	666	0.209	3.3	150	11.0	176	1.42%	26	103	65	6.8	0.020	93
85th	425	0.088	1.8	77	5.9	119	8234	13	80	30	4.2	0.006	63
80th	350	0.057	1.1	51	3.7	78	6000	10	62	21	3.2	0.002	44
70th	300	0.027	0.6	25	1.8	52	2622	5	46	12	2.2	0.001	32
50th	250	0.010	0.2	9	0.6	21	259	2	31	6	1.3	0.001	18
Max Value	9999	110.5	123	>1.0%	362	>1.0%	2.45%	6700	4680	1.72%	901	17.8	1.45%
Population	563	585	585	585	585	585	585	585	585	585	585	586	585

Table 12: Correlation Matrix for 2006 Rock Geochemistry

	Scint	Au	Ag	As	Bi	Co	Cu	Mo	Ni	Pb	Sb	Te	Th	U	Y	Zn
Scint																
Au	0.269															
Ag	0.026	0.056														
As	0.049	0.016	0.198													
Bi	0.147	0.520	0.338	0.052												
Co	0.055	0.010	0.117	0.927	0.025											
Cu	0.094	0.012	0.573	0.178	0.235	0.104										
Mo	0.188	0.173	0.138	0.001	0.369	0.004	0.005									
Ni	0.034	0.018	0.342	0.442	0.117	0.409	0.184	0.002								
Pb	0.033	0.007	0.137	0.039	0.337	0.002	0.004	0.026	0.001							
Sb	0.035	0.023	0.365	0.074	0.223	0.010	0.082	0.009	0.192	0.056						
Te	0.282	0.802	0.070	0.002	0.673	0.000	0.007	0.475	0.000	0.008	0.018					
Th	0.524	0.013	0.057	0.039	0.020	0.051	0.079	0.007	0.043	0.080	0.084	0.009				
U	0.648	0.043	0.006	0.001	0.040	0.018	0.023	0.048	0.016	0.209	0.167	0.053	0.526			
Y	0.585	0.130	0.037	0.014	0.062	0.040	0.081	0.074	0.038	0.093	0.084	0.134	0.775	0.510		
Zn	0.029	0.005	0.031	0.003	0.017	0.009	0.001	0.006	0.004	0.045	0.007	0.004	0.027	0.009	0.009	

7.0 PROPERTY GEOLOGY AND MINERALIZATION

7.1 RA Property

The RA property is located one kilometre west of the Bonnet Plume River and are comprised of 66 contiguous claim blocks (Figure 4). The claims were staked in late 2005/early 2006 to cover a north-trending 4.5 by 1 km airborne radiometric anomaly. Outcrop is very limited but occurs at the western extents of the property on the flanks of the adjacent mountains and within the incised gulley of a tributary to the Bonnet Plume River. Several short traverses through the anomaly with hand-held scintillometers revealed no significant radiation or scintillometer response. Given the insignificant volume of outcrop underlying the anomaly, the absence of scintillometer measurable radiation and that the anomaly parallels instrument flight lines, the anomaly may be an artefact (Rick Valenta *pers. comm.* 2006). No further work is recommended for this property.

7.2 Pacer Property

The Pacer property is located 5 km west of Quartet Lakes and is comprised of 20 contiguous claim blocks (Figure 4). The property was staked in 2006 to cover two new occurrences of diorite and Wernecke Breccia. No previous work has been done on this ground.

The property is underlain by siltstone and slate assigned to the Quartet group (Thorkelson and Wallace 1993), diorite and Wernecke Breccia. Diorite occurs approximately 200 m south of what was previously mapped as Wernecke Breccia in the southeastern portion of the property. Outcrop is limited to frost heave and positions of the contact are inferred from subcrop. The diorite intruded siltstone inferred from hornfelsed and weakly chlorite-carbonate altered siltstone near the approximated contact. Locally, discontinuous horizons containing up to 70% magnetite occur throughout the diorite while the northern margin displays moderate pervasive pink potassium feldspar alteration. This alteration style occurs in Quartet Group sedimentary rocks located to the east on a north-trending ridge. Thus, the alteration is interpreted to be later than intrusion of the diorite. The extensive potassium feldspar alteration is likely the cause of the K-Th airborne radiometric anomaly coincident with this area. Mineralization, however, does not appear to be directly associated with the potassic alteration. Small (<5 mm) chalcopyrite veins occur within the diorite near the southern margin and a quartz vein containing malachite and chalcopyrite was sampled from float. A small body of Wernecke Breccia occurs 1200 m to the northwest.

A total of 11 rock samples and 27 soil samples were collected during the course of the 2006 program. Only three soil samples returned significant values for metals of interest. This includes two samples with elevated Cu and Au. The samples were collected approximately 100 m from one another parallel to the hill slope direction. Soil samples adjacent to these returned no anomalous values. A 17 sample Au in soil anomaly occurs along a contour soil line that wraps around the north toe of a north trending ridge adjacent to the Pacer property. Values range from 10 to 50 ppb four of which are greater than 95th percentile for the area. The anomaly is open in all directions, however, approximately half of the anomaly occurs on ground not owned by Fronteer. Rock samples collected from both the diorite and the breccia contain elevated Cu (0.3% – 0.7%, six samples) with sporadic elevated Ni (85 ppm and 109 ppm) and Co (102 ppm – 134 ppm, four samples).

Two contour soil sampling lines should be done on the open ground above the existing line to the northeast in an attempt to delineate further anomalous Au results. If the results come back positive with respect to Au then the area should be staked and prospected.

7.3 Ping, Pong, Ball Properties

The Ping, Pong and Ball properties (Figure 6) are located approximately 7 km northeast of the Bonnet Plume River. These were staked in 2006. The three properties comprise a total of 136 claims in three blocks of contiguous claims along a northwest-southeast trend. From north to south these are the Ping (36 claims), Pong (20 claims) and Ball (80 claims) properties. Although they are not adjoining, all three properties share similar characteristics and are thus discussed together. The claims were staked based on the coincidence of several airborne radiometric anomalies with the juxtaposition of the Quartet and Pinguicula groups. The original relation between the Wernecke supergroup and Pinguicula group has been documented as unconformable and suggested to be a possible controlling structure in the formation of unconformity type uranium deposits (Hunt et al., 2006).

Quartzite and siltstone assigned to the Quartet group by Thorkelson and Wallace (1993) were observed to be in faulted contact with maroon to beige siltstone of the Pinguicula group in agreement of their mapped relations. A total of 98 soil samples were collected from five contour soil lines in addition to two man days of prospecting and the collection of three rock samples. No mineralization was found in float or in outcrop in either the Ping or Pong Properties. Likewise soil results were low in metals of interest. At the Ball property, a sample of shear zone-hosted silica-carbonate altered siltstone containing trace bornite, specular haematite and malachite in quartz-carbonate veins returned 0.4% Cu. Soil samples collected from areas underlain by Quartet Group rocks returned weakly anomalous U values. This is consistent with observations in the field of elevated background radiation in Quartet group rocks interpreted to be due to slightly elevated concentrations of U as documented by Hunt et al. (2006). No further work is recommended on these properties.

7.4 Hoover Property

The Hoover property comprises 155 contiguous claims (including the Hoover 1-114 and HOV 1-42) within, and adjacent to, the Bonnet Plume River Valley (Figure 5). Portions of the property were first staked in 1910 and again in 1969 by G. Van Bibber. Through the 1970's either under option to Bonnet Plume River Mines Ltd. or by Van Bibber himself, the property was mapped, prospected, trenched and drilled (1824 feet). Track mining equipment and fuel were brought in along a winter trail and an airstrip was constructed at the site. Mining did not proceed, however, and all equipment was abandoned at the site.

During the period from 1992 to 1995 Westmin Resources conducted extensive exploration on the property including prospecting, mapping, detail litho- and soil geochemistry, orthophoto mapping and diamond drilling (Jones, 1995). Their work resulted in the identification of four zones with significant Cu and Au mineralization concordant with linear magnetic highs extending the length of the property. The zones were subsequently tested by 18 diamond drill holes over two years. Results from the diamond

drilling program include 281.7 m of 0.23% Cu with 0.06 Au and 126.7 m of 0.44% Cu with 0.08 Au (Stammers, 1995a; Stammers, 1998a).

During the 1995 program several holes designed to test the down dip extension of mineralization in the northwest Hoover Zone were abandoned due to thick glaciofluvial overburden leaving these areas open to the west. A large circular magnetic feature north of the Hoover magnetic anomaly was drill-tested with mineralization tentatively interpreted to be increasing westwards. The best intersection in this area was 4.3 m grading 0.4 g/t Au and 0.79% Cu.

In 2006, the HOV 1-42 claims were added to the property to cover a large circular magnetic high abutting the northern end of the linear magnetic feature described above. These claims were previously held by Newmont as portions of the Hoover 115-186 claims. A total of five rock samples were collected during a single traverse. A single rock sample taken from an outcrop of strongly calcite altered siltstone cut by calcite+chalcopyrite veining contains 2% chalcopyrite and returned 3290 ppm Cu. No other significant mineralization was observed at surface on the HOV claims. A total of eighteen soil samples were collected during the course of claim-post tagging. Four samples display weakly anomalous values of Cu.

Further work on the Hoover property as outlined by Jones (1995) should consist of three parts: (1) further drill-testing of the Hoover Zone, (2) further work in the Hoover Northwest Zone including IP, and (3) continued westward step-outs on the northern magnetic anomaly. Drilling in the Hoover, Hoover Northwest and areas to the north should be based, in part, on a study of airborne magnetic data focusing on areas where anomalies are terminated or offset.

7.5 Fireweed Property

The Fireweed Property comprises a block of mineral claims north of the Slats Property centred 15 km WNW of the Copper Point Camp (Figure 5). Several Minfile occurrences are located within the property including Otis (U), Radio (Cu-U) and Wombat (U). This area has been explored since the late 1970's by numerous companies including Archer Cathro and Pan Ocean Oil-Mountaineer Mines Joint Venture. Archer Cathro drilled a single drill hole on the Otis showing (Archer, 1980).

Fieldwork during 2006 included examination of numerous newly identified uranium radiometric anomalies, areas with anomalous U in historical rock samples and Minfile occurrences. Geological mapping and prospecting was conducted over much of the area whereas detailed grid mapping was completed at the Fireweed and Wombat showings. Soil contour sampling was conducted along numerous drainages throughout the area and a soil grid was completed over the Fireweed showing.

The area lies on the western limb of the Bonnet River Anticline and is underlain by green phyllites and calcsilicate rocks of the Fairchild Lake Group (PFL) and grey to black phyllites and slates of Quartet Group (PQ). An elongate Wernecke Breccia (Pwb) body underlies the core of the property.

7.5.1 Fireweed Showing

The Fireweed showing (formerly known as Milo) was targeted as an 8 counts per second (cps) airborne uranium radiometric anomaly occurring near reported brannerite mineralisation 350 m from the Otis showing (Archer, 1976). Radioactive boulders were identified across a 400 by 200 m area on a grassy west sloping plateau. Rare outcrops occur within the area.

The dominant lithology at both ends of the plateau is variably foliated, green chloritic±sericitic phyllite and lesser schist. Zones of higher strain are common and are marked by chlorite-sericite shear zones. Three main foliations were mapped trending approximately east, north (340-010° strike) and northeast (015-045° strike); the latter is the dominant trend across the southern end of the plateau. At least three generations of veins occur concordant to the main foliations. These include S to SW striking quartz-K-feldspar-chlorite, south-striking quartz-chlorite veins, and quartz-specularite±K feldspar veins with N, NW and NE strikes. Abundant 080°-100° striking subvertical quartz veins occur adjacent to NE

striking chloritic shear zones along the southern margin of the plateau. Rare veins with associated Cu mineralisation occur at both ends of the plateau. Uranium mineralisation consists of medium to coarse-grained brannerite within brick red haematite in variable (moderate to strong) pervasive K-feldspar-specularite altered and veined chloritic phyllites.

No uranium mineralisation comparable to that of the sampled boulders was observed in outcrop. At the northern edge of the plateau, anomalous gamma readings were determined from sooty coated (secondary uranium phases?) east-trending steeply south-dipping fractures. At the southern end of the plateau, a few small patches of elevated radioactivity (to a maximum of 1400 cps in outcrop) correspond to areas of strong quartz-K-feldspar breccia veining with jarosite staining. A narrow NNE striking, 65° W dipping, fault zone that is almost layer parallel to the main schistosity with apparent normal movement. The association of the anomalous jarosite-bearing zone with the fault may be coincidental, however, it is possible that this fault may host uranium mineralisation along strike to the north.

An avalanche rescue style sweep of the plateau conducted by the soil sampling crew defined several hundred anomalous float boulders and subcrop which were flagged for sampling. Eighty-eight boulders and subcrop interpreted to occur immediately above (frost heaved?) or slightly down slope from the bedrock source were sampled. The highest sampling density occurs on the northern plateau margin. These 88 samples averaged 0.23% U_3O_8, with a maximum value of 4.80% U_3O_8 returned from a select sample. Minor anomalous Au and Cu values also returned from a few samples. A select chip sample taken across a narrow quartz-specularite-siderite-malachite-haematite vein on the southern cliff face returned 1.53% Cu. Anomalous (>0.1 ppm) Au was returned from three boulder samples. Selected geochemical results are provided in Table 13

In the broader Fireweed area, two boulder float samples (286392 and 286395) taken from radioactive float on a previously unrecognized Pwb body, 1.5 km west of the Fireweed Showing returned 0.34% U_3O_8 and 0.14% U_3O_8 (with 0.301ppm Au and 1.84 ppm Ag and 285 ppm Bi) respectively confirming the broader potential of this area. A single isolated float sample (286768) collected on the next ridge north from Fireweed assayed 0.649% U_3O_8.

After the initial boulder discovery, a small soil survey was completed over the original showing area. A total of 30 samples were taken on 100 m spaced north-south oriented lines with 50 m sample spacing. Values ranged from 0.75 ppm to 4.45 ppm U and only three samples returned above 70th percentile. Samples taken on the northernmost gridline – coincident with highest density boulder samples – were not highly anomalous. The soil grid, therefore, was not effective in detecting the U mineralisation hosted by float samples.

The Fireweed boulder train should be trenched to confirm the orientation of the bedrock source. Depending upon trenching results, the zone should be tested by several shallow holes through the zone.

7.5.2 Wombat U-Cu Showing

The Wombat Showing was discovered by a chip sample which assayed 0.256% U_3O_8 over 4 feet (Yorston et al., 1977). Detailed mapping over an area of 200 by 200 m at 1:1000 scale was completed in 2006 (Figure 5). The hostrocks consist of variably metasomatised siltstone and phyllite (PGL), intruded by small structurally focused zones of Wernecke Breccia (Pwb). The main structures are NNE (005-030°) striking, steeply west-dipping faults with well developed concordant cleavage. A prominent NNW-striking subvertical fault transects the central part of the area.

Narrow (<40 m) zones of NNE-trending heterolithic Wernecke breccia (bht) occur on either side of the showing. The eastern bht unit hosts a single eight metre-wide zone of homolithic breccia (bhm), which grades into crackle brecciated and strongly altered siltstone. Narrow quartz breccia veins were noted along the fault zones; however, none contained uranium mineralisation. The breccia features moderate to strong haematite with lesser pervasive potassium feldspar alteration (gamma readings of 250-400 cps). In the central and western parts of the mapped area, siltstone and phyllite are strongly to intense chlorite-silica altered.

The central fault is locally gossanous (haematite-goethite-jarosite-malachite), apparently caused by sulphidized veins and structures. Because the fault is manifest as a steep cliff, it is impossible to prospect or sample.

Two brannerite bearing outcrops occur in the central northern part of the mapped area centred at 529960mE; 7209490mN, and 529980mE; 7209450mN (Figure 5). These outcrops are controlled by NNE striking, east-dipping, quartz breccia veins with wide intense silicified selvedges with sporadic patchy coarse-grained brannerite.

A total of 19 rock samples were collected across the Wombat area (Table 13). Results were generally disappointing with the float samples yielding the highest U results including 17.82% U_3O_8 (4250 ppm Zn, 1140 ppm Cu from sample 286615; notably the highest uranium grade from the entire Werneckes project) and 1.44% U_3O_8 from sample 286977. The main uranium-bearing outcrop was channel-sampled across its entire length and averaged 69 ppm over 11 m. Samples taken from outcrop indicate the patchy nature of the mineralisation with select samples assaying up to 0.22% U_3O_8 (1760 ppm U) over narrow (~10 cm) intervals. Anomalous Cu, Co, Ag and Zn came from ferruginous, malachite coated veins (samples 201018, 286612 and 286613) in the northern and western parts of the showing area

7.5.3 Radio Break Area

This area was prospected in an attempt to locate and investigate historical Cu±U showings sampled by Yorston et al. (1977). A large circular 10 cps U radiometrics anomaly centred over 531400E; 7211350N was also ground-checked.

A large area of sporadic haematite-jarosite-malachite stained cliffs centred at 530760E; 7210100N very close to the faulted PQ-PFL contact was located 500 m south of the Radio Minfile occurrence. Malachite coatings on biotite-chlorite schist and milky white quartz-chalcopyrite-bornite-malachite vein stockworks in silicified metasediments float was found downstream from the showing. Two float samples (286859 and 286860) of this material were collected and returned 404 and 5260 ppm Cu, respectively. The other Cu-U showing associated with a dyke swarm was not located. Although three rock samples from a showing in the NW part of this area which assayed up to 0.08% U_3O_8 were previously reported, no anomalous float was found in the two main east-flowing gullies draining this area. The large U radiometric anomaly coincided with black shales assigned to PQ with high background gamma readings.

7.5.4 Other Areas

A large N-S trending 12 cps radiometric U anomaly centred 530550E; 7213200N northeast of the Fireweed property (Figure 5) was examined and is best explained by high background values in the PQ host rocks. Contour soil samples collected down slope from the anomaly had low to below detection U values.

The Otis showing was examined (it is located 520 m ENE of its Minfile location). It consists of a single drill collar which tested a NNW trending, brannerite-bearing fault. The drillhole did not intersect significant mineralisation (Archer, 1980). Prospecting of the area around the collar located spotty brannerite mineralisation at the margins of NW oriented quartz veins.

7.5.5 Grid soil sampling

Soil samples collected during claim post tagging at the Fireweed property define spotty uranium mineralisation, mainly over PQ and Quaternary sedimentary rocks. A value of 12.6 ppm was returned from a sample located close to a faulted PQ-PGL contact, approximately 200 m south of the Otis drillhole.

A soil contour line along the eastern side of Slats Creek in the northern part of the property defined minor (80th percentile) U anomalism over three samples (230 m in length) and spotty highs, NW

of the mushroom shaped Pwb body. Minor weak spotty uranium mineralisation along the western margin of this Pwb body is the probable source for the soil anomaly.

The two westernmost soil samples on the contour line along the E-W flowing creek between Wombat and Fireweed (at 527900mE; 7210775mN) are strongly anomalous in uranium and the line should be extended to the NW to close off the anomaly.

Soil anomalism over the western end of the contour line on a northeast-flowing creek correlates well with an 8 cps airborne U radiometric zone reinforcing the high background radioactivity of sedimentary rocks within the Quartet Group.

Table 13: Fireweed Property Significant Mineralization

Sample #	Showing	Au (ppm)	Ag (ppm)	Bi (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Th (ppm)	U_3O_8 (%)	Zn (ppm)
201023	Fireweed	0.005	0.14	2.49	11.6	9.7	1.10	56.5	59.2	7.48	212	0.212	18
201027	Fireweed	0.367	<0.01	4.29	5.9	<0.2	2.35	32.0	410.0	37.90	>1000	2.643	15
201029	Fireweed	0.069	0.07	1.43	6.7	0.8	1.37	33.8	154.5	14.40	930	0.932	14
201033	Fireweed	<0.005	0.02	0.45	12.6	4.0	1.15	33.7	22.9	3.21	147	0.106	10
201036	Fireweed	0.854	0.32	25.20	1250	444	2.88	55.5	6.8	0.84	4.5	<0.001	10
201037	Fireweed	0.028	0.35	0.69	49.1	1.53%	4.55	43.9	2.8	0.72	20.3	0.001	12
286920	Fireweed	0.088	0.36	1.25	17.4	20.7	13.85	30.3	315.0	11.20	453	0.555	9
286922	Fireweed	0.040	0.11	7.32	13.3	23.3	4.21	47.5	536.0	80.40	>1000	4.803	10
286924	Fireweed	0.126	0.18	4.28	3.6	12.5	3.87	24.2	165.0	28.60	>1000	1.204	10
286985	Fireweed	0.018	0.21	4.51	11.3	13.2	3.49	47.8	101.5	9.28	291	0.295	9
286991	Fireweed	<0.005	0.04	0.85	6.4	4.8	0.48	11.0	45.1	8.34	305	0.236	7
287023	Fireweed	0.006	0.02	0.41	3.3	3.7	0.64	23.7	24.9	3.05	158	0.142	14
287024	Fireweed	0.411	0.18	1.19	4.7	3.0	4.59	28.9	89.2	12.85	309	0.330	9
287031	Fireweed	0.038	0.08	1.04	3.5	27.3	33.80	26.3	73.6	10.20	28.4	0.224	2
287032	Fireweed	0.045	0.30	1.19	52.8	432	556.0	301	21.5	5.40	23.2	0.014	37
287037	Fireweed	0.041	8.99	11.90	191.5	2.14%	0.61	78.6	24.9	3.95	1.4	0.001	27
287000	Fireweed N	0.089	0.84	0.33	13.9	8110	5.29	25.4	7.1	0.94	16.0	0.003	20
287034	Fireweed N	<0.005	0.05	0.22	1.5	3.4	1.27	2.6	168.5	2.47	45.2	0.087	30
286392	Fireweed W	0.061	0.44	1.88	14.3	97.4	12.75	23.7	86.9	5.39	26.2	0.142	4
286393	Fireweed W	0.331	82.6	8.69	507	7.73%	0.90	239	20.1	2.57	3.3	<0.001	731
286395	Fireweed W	0.301	1.84	285.0	21.6	32.5	12.4	25.5	98.4	9.25	20.4	0.342	5
286998	Otis	<0.005	0.07	0.07	3.3	3.1	0.39	5.7	33.3	1.23	60.7	0.090	23
286999	Otis	<0.005	0.22	1.05	8.7	4.2	8.13	22.5	47.6	1.78	40.6	0.087	42
286974	Wombat	<0.005	0.02	0.04	1.3	3.9	0.29	0.8	19.4	1.59	33.6	0.052	18
286975	Wombat	<0.005	0.02	0.04	7.2	11.9	0.13	2.9	34.6	2.42	84.5	0.113	43
286977	Wombat	0.008	0.09	0.39	26.1	82.0	2.72	5.1	271.0	14.05	1001	1.44	10
286978	Wombat	<0.005	0.16	0.05	13.5	138	31.7	6.9	189.0	3.82	349	0.110	41
286980	Wombat	<0.005	0.03	0.16	10.0	18.0	0.44	3.5	6.7	0.78	25.7	0.012	19
286981	Wombat	<0.005	0.02	0.07	8.4	17.8	0.24	1.5	5.9	0.69	16.6	0.004	12
286983	Wombat	0.005	0.21	0.26	4.1	25.0	9.48	2.2	64.6	2.44	169	0.224	24
286615	Wombat	0.014	0.30	13.65	6.3	2310	3.43	3.5	4250	173.0	1001	17.8	21

7.6 Radio Property

The Radio property (Figure 5) covers an area due south across the Bonnet Plume River from the Hoover Zone. It includes the 1990s Fairchild Joint Venture property called “Wolverine” (Stammers, 1995c; Stammers, 1998b; Vance and Rainsford, 1996) located along the northeastern contact of the current Radio property. The Wolverine Property was staked to cover an arcuate magnetic high adjacent to the Bonnet Plume River valley. Hydrothermal magnetite is present in outcrop within this anomaly (Vance and Rainsford, 1996) which also coincides with a minor IP chargeability anomaly. A

reconnaissance drill hole (XA95-1) was drilled in 1995 (Stammers, 1995c) which intersected magnetite, calcite and minor veinlet chalcopyrite that returned several intervals <2 m containing 1000 to 3000 ppm Cu with gold values up to 250 ppb. In 1997, the Fairchild Joint Venture drilled two more holes at Wolverine (Stammers, 1998b). One hole was lost in overburden while another hole intersected anomalous Cu mineralization (0.22% over 7.5 m) associated with vein magnetite-pyrite-chalcopyrite-calcite.

The Radio property was staked to cover the original Wolverine property and to cover three >10 cps airborne radiometric anomalies to the south. Work in 2006 included collection of soil samples at claim post locations and along two contour lines on either side of a major northeast flowing creek in the centre of the property below two large radiometric anomalies. A five-sample Ag-Mo anomaly (>95th percentile) occurs between the two radiometric anomalies. U in soil is also generally elevated to about 80th percentile values in this area. One sample in this cluster also returned elevated Ni and Co. Prospecting in the drainage below these contour lines resulted in discovery of quartz float with pyrrhotite and minor chalcopyrite that returned 2.9 ppm Au. These geochemical anomalies warrant follow-up mapping and prospecting.

7.7 Slab Property

Abundant previous work has been completed on the Slab property (Figure 8) including mapping, prospecting and approximately 1700 m of diamond drilling (Baknes et al., 1993; Owerko, 1995b; Owerko and Caulfield, 1994a, b; Stammers, 1995b; Vance et al., 1994). In 2006, work consisted of a single reconnaissance traverse by two geologists employed by Equity Engineering Ltd. and two geologists from the Yukon Geological Survey. A single sample was collected from haematite altered Fairchild Lake group sedimentary rock. The haematite alteration occurs as small podiform bodies at the intersection of north-northeast and west-southwest striking cleavages and contains 1-2% brannerite. The sample contained anomalous Au (0.45 ppm), Ag (5.96 ppm), Mo (16 ppm), Pb (117.5 ppm) and U_3O_8 (0.023 ppm).

Further work is warranted on this property as the potential for copper, molybdenum, gold and uranium mineralization is high. Recommendations from the last period of significant period of work in 1995 includes follow-up drilling and detailed mapping and prospecting along the south and western portions of the property (Owerko, 1995b).

7.8 Caribou Property

The Caribou property (Figure 6) was staked to cover a 1.7 by 1.9 km radiometric anomaly (>10 cps) centred about 8 km due north of Fairchild Lake. The northern part of the property covers a faulted contact between the Quartet Group and Phanerozoic rocks.

Minor prospecting and two soil contour lines were completed on the target. No significant mineralization was found in float or outcrop. Likewise, soil results were typically low in metals of interest. Five scattered soil samples returned >~5 ppm U (~80th percentile) and one soil sample at the end of a contour line in the northwestern part of the property returned 87 ppb Au.

7.9 VB Property

The VB property (Figure 6) comprises 204 contiguous units located directly north of Fairchild Lake. These claims were staked in July, 2006 by Fronteer.

Formerly, this area was held under the names of Otter, Vole, and Beaver (Caulfield, 1995, 1996; Dick and Harmeson, 1981). The ground was originally staked based on favourable geology similar to that at the Main Otter copper-cobalt showing (Stammers et al., 1978) located several kilometres to the south on the west side of the Fairchild Lake (not on the Fronteer-held ground). Claims northwest of the lake were first staked in 1979 as the Otter 89-124 claims. The following year the Vole 1-43 claims were staked northeast of Fairchild Lake.

The 1993 airborne geophysical survey flown by the Fairchild Joint Venture identified an area of magnetic high coincident with a strong uranium radiometric response approximately 2.5 km northwest of the north end of Fairchild Lake. During 1995, a three day program of geologic mapping, rock and soil sampling followed up on anomalous results from the previous years silt survey (Caulfield, 1996) and resulted in discovery of the Leavittoo Zone. This zone is characterized by fracture-controlled calcite-quartz-iron carbonate and chalcopyrite hosted by a chlorite-altered phyllite. This mineralization appears to be associated with albitic homolithic breccia bodies. Brannerite is also reported.

In 2006, six crew-days were spent soil sampling along contours with an additional eight crew-days rock sampling and mapping. Work focused around two radiometric anomalies located in the eastern part of the property. Additionally, two contour soil lines were surveyed below the Beaver Showing. Four prospecting traverses and two soil lines were undertaken to cover the area of the anomaly. The soil line below the Beaver showing returned anomalous Au-Mo-Ni-Cu-Co downhill from the 1995 soil anomaly.

The largest radiometric anomaly occurs in the eastern portion of the claim group occupying the east-west trending valley of Vole Creek. A second smaller anomaly 1.8 km to the south occurs coincident with a northwest-trending fault. A single prospecting traverse and soil line were preformed on both these two anomalies. Soil results were generally low although a few isolated >95th percentile Cu soil results were returned within the larger, northern radiometric anomaly. A few rock samples (Table 15) in this same radiometric target returned 0.2 to 0.3 ppm Au and are worthy of follow up work. The final sample on the soil line about 1 km west of the radiometric anomaly returned 20 ppm U; this line should be extended.

Table 14: VB Property Significant Mineralization

Sample#	Au (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Th (ppm)	U_3O_8 (%)	Zn (ppm)
286364	0.045	2.42	20.3	0.51	24.8	4290	3.18	31.5	5.9	0.84	21.9	0.001	8
286426	0.273	0.24	13.8	0.87	61.1	3.69%	1.56	43.1	17.3	0.60	17.6	0.001	12
286427	0.012	0.03	13.0	0.08	12.5	705	288.0	8.3	29.3	0.31	15.6	0.012	5
286430	0.303	0.22	5.0	0.11	8.6	4650	0.83	7.1	5.1	0.31	2.1	<0.001	11
286431	0.141	0.87	3560	0.54	1700	4.02%	8.33	163.0	13.7	0.97	19.0	0.001	12
286432	0.297	2.57	203	0.80	136.5	4.93%	11.35	50.2	15.6	0.58	12.3	0.001	9
286434	<0.005	0.03	14.0	0.13	8.7	10.3	172.5	19.5	9.8	0.65	7.6	0.001	39
286435	0.013	0.07	2810	0.22	2150	2590	12.80	128.5	4.6	0.32	13.7	0.001	3
286868	0.017	16.5	7.0	7.72	140.5	7970	3.90	13.2	4.8	0.29	8.8	0.001	22
286869	0.054	2.05	35.5	1.07	19.9	1.63%	6.64	59.4	8.8	2.85	0.6	0.001	32

7.10 Hoop Property

The Hoop property is located approximately 800 m west of the Bonnet Plume River and is comprised of 36 contiguous mineral claim blocks. The area was first staked in 1976 to cover the Law Zn-Pb occurrence (Minfile 106C/13-068) by Yukon Revenue Mining Ltd., however, no record of work at that time has been found. The property was staked again in 1993 by the Westmin-Newmont Joint Venture. During the mid-1990s, limited mapping, prospecting and soil sampling was preformed. Most recently the property was staked as the TB 1-36 claims to cover a prospective radiometric anomaly.

The property is underlain by Fairchild Lake Group shale, slate, and phyllite that exhibits variable metamorphic grade, likely due to juxtaposition across an east-southeast-trending shear zone. North of the shear zone, metamorphosed beige to greenish grey calcareous siltstone and mudstone contain hydorthermal tremolite and specularite along fractures, green actinolite porphyroblasts and actinolite-quartz-magnetite veins up to 3 cm. Buff weathering dolostone and coarsely recrystallized dolostone were observed in float near the base of the clastic package of rocks.

South of the shear zone, light green siltstone and quartzite dips moderately to the west-northwest and is interpreted to be subjected to lower metamorphic grades due to the absence of abundant tremolite, chlorite, epidote and magnetite.

Results from 2006 soil contour lines reveal a gold anomaly in the central portion of the property at the north end of a northwest facing valley. The anomaly consists of a five sample anomaly open in all directions with gold values ranging from 6 to 40 ppb. Mineralization observed in outcrop is seemingly controlled by a shear zone observed in 2006 that is likely the eastern extension of a shear zone described in previous reports (Klatt and Stammers, 1995). To the west, malachite and azurite are hosted in a massive quartz-carbonate vein consisting of very coarse grained quartz laths, calcite rhombi up to 50 cm in diameter and large vugs. Copper mineralization consists predominantly of malachite and azurite occurring in the host rock and within large clasts contained within the vein. A sample taken from this outcrop returned 1.22% Cu, 52 ppb Au and weakly anomalous U (57 ppb). Carbonate-chalcopyrite-magnetite veins occur 30 m down the ridge and dip steeply to the northeast or southwest. The lateral extent of veining is approximately 60 m with individual veins up to 40 cm wide. The veins contain very coarse-grained chalcopyrite and fine-grained magnetite. Chalcopyrite locally comprises up to 5% of the vein material. Sample 286116 and 286117 returned 0.6% Cu, 368 ppb Au, 165.5 ppm Co with 74.7 ppm U and 3.46% Cu, 318 ppb Au and 137.5 ppm Co respectively. Two rock samples collected from strongly sheared calcite-chlorite-quartz altered metasiltstone returned anomalous copper values of 0.95% and 0.25% (Klatt and Stammers, 1995). The samples are approximately 850 m apart and over 1100 m from the chalcopyrite-magnetite-calcite veins described above. It is tentatively interpreted that the shear zone described by Klatt and Stammers (1995) is the same structure controlling the location of the veining described above. Uranium values are insignificant in all results from this property and thus can not explain the airborne radiometric anomaly at this location. The majority of the sampling however, is not coincident with the center of the anomaly.

The significant copper values, and areal extent of stockwork veining makes the Hoop property an attractive target. The (as yet) unnamed Cu showing should be mapped in detail. The area to the east-southeast should be prospected for additional vein occurrences. The gold in soil anomaly in the center of the property should be investigated by a 1.0 by 0.5 km soil sampling grid oriented east-west. Prospecting the area underlying the heart of the radiometric anomaly is required prior to attributing it to elevated uranium in the formation.

7.11 Fair Property

The Fair Property comprises the FC 1-24 group of claims located immediately south of Fairchild Lake. Since 1967, this area has been intermittently explored for copper, gold and uranium using conventional ground work, airborne geophysical surveys and diamond drilling (two holes targeting magnetic highs). In November 2005, Fronteer staked the FC claims to cover several areas of previously identified uranium mineralization and occurrences of Wernecke Breccia.

During 2006, the claims were prospected and four existing trenches were remapped at 1:500 scale. A total of 22 rock samples were collected. A 2600 x 1350 m grid was established and 531 soil samples were collected at 50 m sample spacing.

The Property is underlain by moderately east to northeast-dipping siliclastic, calcareous siliciclastic and carbonate rocks of the Fairchild Lake Group that are cut by diorite and breccias (Caulfield et al., 1995a). Locally, clastic rocks contain tremolite, epidote, chlorite and magnetite interpreted to be metasomatic minerals caused by proximal intrusive bodies. Wernecke breccia locally underlies the south-eastern area of the property whereas igneous rocks are exposed in the northeast and clastic rocks are common in the central and western areas of the property. Quartz-chlorite phyllite, to well-foliated schist occurs at the margins of inferred faults.

7.11.1 Mineralization and Alteration

Strong, pervasive carbonate alteration, quartz-carbonate crackle veining and patchy haematite-epidote alteration is common proximal to mafic intrusions. Weak to moderate magnetite occurs within intrusive rocks and in contact metamorphosed sedimentary rocks. Strongly silicified, chloritic siltstones with minor quartz-carbonate crackle veining crop-out in the central portion of the property. Locally, the breccias and metasedimentary rocks contain light pink patchy haematite alteration.

Copper mineralization comprises narrow zones of quartz-magnetite-chalcopyrite-pyrite veining with up to 5% chalcopyrite within rare magnetite-altered mafic rock. Fracture surfaces are locally coated with minor chalcopyrite and malachite. Sedimentary rocks locally contain 1-2% chalcopyrite as small blebs associated with weak Fe-carbonate alteration and moderate silicification.

Uranium mineralization is typically weak and identified by very narrow, patchy pink potassium feldspar-haematite-chlorite±amphibole alteration zones. Scintillometer readings up to 3000 cps were returned, but more typically zones of uranium mineralization consists of small and patchy zones of weakly to moderately anomalous gamma radiation. These areas are typically associated with light pink haematisation of the surrounding host rock. Rare visible brannerite occurs in quartz-carbonate-haematite or carbonate-haematite altered metasedimentary rock and display characteristic brick red metamict haloes. All previously documented uranium occurrences were confirmed during the course of prospecting but no new occurrences of uranium mineralization were found.

7.11.2 Geochemistry

Within rock samples collected on the Fair Property (Table 14), strong correlations exist between copper and cobalt, zinc and gold, molybdenum-bismuth-silver-barium, gold-barium-zinc and uranium-lead-tungsten.

Sample 286603 of moderately haematite-silica-iron carbonate altered pinkish metasedimentary rock returned 2.64 g/t silver and 0.17% U_3O_8. The sample was markedly haematitic relative to other rock in the talus but no source could be found. The best copper grade (3.9%) came from a sample of a quartz-chalcopyrite vein cutting mafic rock exposed in a trench on the eastern side of the property. Four samples of sedimentary rock returned 380 to 1370 ppm U. In all cases, however, haematite alteration and scintillometer response was not consistent across the outcrop so these are not representative of the whole outcrop. Gold values are generally low.

In general, metal percentile values for the soil samples collected in 2006 are two to four times lower in the Fair area relative to percentiles calculated for the entire Wernecke project sample set. This confirms the same observation made by Caulfield et al. (1994a). When percentile values based on the entire sample set collected from the Wernecke project area are used, none of the samples group or produce any significant anomalies for any particular element. Gold is the most anomalous element returning 21 values greater than the 80^{th} percentile including nine samples at, or greater than, 95^{th} percentile. These samples are scattered and 90% of all values are at or below detection limits.

7.11.3 Recommendations and Conclusions

The potential for discovery of high-grade or widespread uranium mineralization of the Fair Property appears to be low. No extensions to the known areas of uranium mineralization were found and uranium is patchy and localized. Furthermore, soil samples returned consistently low uranium values. Trenching of uranium showings in 1980 resulted in destruction of several of the showings further illustrating the ephemeral nature of uranium mineralization. Copper mineralization is also highly localized to veins of chalcopyrite cutting rare mafic intrusions. Aeromagnetic data does not indicate a large magnetic anomaly in the area of their occurrence as one would expect for strongly magnetic mafic rock suggesting that the potential for this style of mineralization is limited. No further work is recommended on these claims.

Table 15: Fair Property Significant Mineralization

Sample#	Au (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Th (ppm)	U_3O_8 (%)	Zn (ppm)
286603	<0.005	2.64	33.5	0.40	5.5	26.7	0.94	21.1	187.5	10.4	35.9	0.165	11
286604	0.026	0.80	5.0	4.69	11.0	174.5	11.95	33.8	179.0	1.64	56.1	0.045	16
286605	0.244	0.49	2.2	1.57	47.6	6310	8.45	61.1	7.0	1.01	0.9	<0.001	155
286764	0.022	3.29	2.6	0.28	119.5	3.94%	1.03	201.0	6.6	0.24	0.8	<0.001	24
286766	0.021	0.32	2.0	0.05	89.3	3200	0.41	144.5	2.9	0.19	0.4	<0.001	47
286940	0.047	0.41	5.3	0.54	62.3	1.72%	1.03	126.5	7.6	0.47	0.6	<0.001	32
286943	<0.005	0.40	6.8	0.06	6.3	65.0	0.42	26.0	21.0	1.41	18.3	0.018	77
286944	0.023	11.65	4.8	7.08	12.2	213	26.9	37.1	43.3	2.02	24.9	0.019	29
287038	<0.005	0.02	14.0	0.08	5.3	61.6	0.18	17.7	30.6	0.43	20.3	0.025	14

7.12 Elly Property

The Elly property is located approximately 20 km northeast of Fairchild Lake and consists of 40 contiguous claims (Figure 7). The claims were staked in 2005 to cover a very strong airborne radiometric anomaly with maximum values up to 25 cps. No previous work has been done on the property.

The property is underlain by dolomite assigned to the Gillespie Lake Group in fault contact with conglomerate and maroon to beige siltstone assigned to the Pinguicula formation (Thorkelson and Wallace, 1993). A total of 42 soil samples and nine rock samples were collected from the property. Soil samples returned insignificant values for metals of interest. Mineralization observed in float and in outcrop includes abundant podiform and vein pyrite +/- carbonate up to 15 cm width. Pyrite mineralization is restricted to the fault separating the Gillespie Lake group dolomite from the Pinguicula formation. Results from rocks samples (Table 16) indicate a Pb-Zn-Ag style of mineralization with high concentrations of Sb that is unusual for the Wernecke area. Notably, there is a lack of significant amounts of uranium in both rocks and soils thus the radiometric anomaly can not be explained by these geochemical data. Scintillometer readings were typically low (100-200 cps) within the property. The anomaly is tentatively interpreted to be the result of a mass effect of the very narrow and step topography in the cirque coincident with the position of the center of the anomaly. The strength of the anomaly is enticing, however, and deserves further prospecting prior to completely discounting it.

Table 16: Elly Property Significant Mineralization

Sample Number	Au (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Th (ppm)	U_3O_8 (%)	Zn (ppm)
286142	<0.005	0.11	42.1	0.32	5.4	12.3	4.78	29.0	137	26.3	2.1	0.001	38
286143	0.005	4.43	62.8	0.06	14.3	33.6	0.25	25.7	613	8.53	2.7	<0.001	848
286144	0.006	2.78	72.3	0.05	27.1	458	0.77	42.6	206	6.68	4.1	<0.001	165
286145	0.010	15.05	234.0	0.10	42.6	136	0.29	91.0	2090	28.4	2.3	<0.001	713
286146	<0.005	11.85	115.0	0.30	25.5	542	0.91	43.9	9780	23.5	2.4	<0.001	66
286147	0.011	12.45	170.5	12.75	64.4	297	1.59	93.0	480	32.1	2.0	<0.001	66
286148	0.010	19.70	303.0	0.21	91.1	921	0.40	195.5	1305	32.3	2.1	<0.001	1540
286158	<0.005	2.11	52.4	0.10	18.3	1865	0.33	31.2	96	6.31	5.7	<0.001	33

7.13 Slats Property

The Slats Property comprises 124 claims including the Pitch, BL, Blende, and SL claim groups. The claims are located approximately 28 km west of Fairchild Lake and 15 km south of Quartet Lakes.

The area has been explored for mineral potential since the early 1900s. Two periods of extensive mineral exploration took place in the mid to late 1970s followed by a second in the mid 1990s. The earlier work focused on U mineralization on the Arctos group of claims by the Mountaineer Mines Ltd. -

Pan Ocean Oil joint venture. Work done at that time included rock, soil and water sampling from grids and several trenches.

The area is underlain by southward-younging, northeast- and southwest-dipping siliciclastic to dolomitic rocks of the Fairchild Lake and Quartet groups (Thorkelson and Wallace, 1993). These sedimentary units have been intruded by diorite and heterolithic breccia bodies thought to be related to a single magmatic event. These intrusive bodies typically trend north to northwest, and are up to 400 m by 1000 m (Montgomery and Stammers, 1995). Shale in contact with the diorite or breccia typically displays strong potassic, moderate to strong silica, weak carbonate and moderate chlorite metasomatism. The breccia and associated metasomatism are strataform and range from a few centimetres to tens of metres thick. Locally, within or near diorite and/or breccia, greenish grey sericite, chlorite, and chlorite-serpentine (?) schist occurs. The schist is interpreted to be the result of focused deformation caused by rheological differences (Montgomery and Stammers, 1995).

Work in the mid 1990s was undertaken by the Fairchild Joint Venture and focused on 140 claim units roughly coincident with the present day claims. The claims were originally staked to cover northwest trending linear magnetic highs coincident with airborne radiometric anomalies. The initial surveys were followed up with more detailed airborne geophysics, grid sampling, contour soil surveying and geological mapping at a 1:5000 scale over two main geochemical anomalies (Wallbanger and Frosty). A program of diamond drilling was undertaken in both areas including 611 m drilled in the Frosty area and 562 m at the Wallbanger zone. Drill targets comprised soil and geophysical anomalies as well as mineralization in outcrop.

During 2006, exploration focused on soil sampling and prospecting within airborne radiometric highs. A total of 110 soil and 44 rock samples were collected. Five uranium radiometric anomalies were the primary target areas for exploration. For descriptive purposes these are numbered sequentially from south to north. Anomaly 1 (maximum 10 cps) is 1.4 by 1.0 centered at 530300mE; 7202800mN. Anomaly 2 (maximum 9 cps) is 900 m in diameter and centered at 531150mE; 7204100mN. Anomaly 3 is centered over Slats Creek approximately 1.3 km east from the edge of the Pitch group of claims and is approximately 2.5 x 1.5 km. The anomaly is one of the strongest with a maximum value of 12 cps. Anomaly 4 is approximately 400 m in diameter with a maximum value of 8 cps and occurs in a saddle near the center of the Blend group of claims. Anomaly 5 is the largest and occurs at the northern end of the corridor underlying the SL group of claims (formerly known as Frosty). It is approximately 5.5 by 2.5 km and is characterized by a 12 cps core. Aeromagnetic highs are proximal to Anomalies 1, 4 and 5..

7.13.1 Mineralization

Within the Slats Property, trace chalcopyrite is associated with phreatomagmatic breccia and diorite. Abundant fracture surfaces of varying orientations display weak to moderate malachite staining. This style of mineralization is most abundant in a broad zone along the north wall of a cirque underlying a radiometric anomaly. All lithologies within the central metasomatised corridor are cross-cut by and/or contain foliation parallel quartz-calcite-haematite and quartz-ankerite+chalcopyrite veins. Sulfide mineralization is weakest at the margins of the claim groups where fine-grained pyrite occurs as disseminations within black to grey shale and siltstone.

At the Pitch and Bland showings, uranium mineralization occurs as brannerite in pods within the breccia and metasomatised siliclastic rock (Stammers and Ikona, 1979). Uranium mineralization was not observed during field work in 2006 but was identified using hand-held scintillometers. Increasing scintillometer response was interpreted to indicate increasing uranium concentrations although ICPMS results for uranium indicate the magnitude of scintillometer values do not directly correlate to grade. Scintillometer values increased incrementally toward the center of the anomaly and were broadly coincident with lithological changes from dolostone to phyllite to breccia. This suggests that the airborne radiometric data is a reliable indicator of ambient radiation levels in the area. Outcrops and boulders of breccia returned typical scintillometer values of up to 600 cps. Several anomalously radioactive boulders (approximately 1200 cps) occur on the northern slope of the cirque at anomaly 1. The boulders consist of buff coloured siltstone with strong potassic, patchy weak carbonate and moderate silica alteration, 3%

specular haematite, and trace to 2% pyrite. The highest scintillometer readings from the boulders correspond to fractures partially coated by an amorphous, dark mineral.

No significant mineralization was observed associated with Anomalies 2 and 3. Trace to 2% fine-grained disseminated pyrite was observed in slate underlying Anomaly 3. Scintillometer values across these anomalies were at background values.

Mineralization observed in the area of Anomaly 4 was similar to that observed at Anomaly 1 including abundant disseminated malachite and rare chalcopyrite veinlets. Scintillometer response was highest for siliceous metasomatised sedimentary rock and ranged from 800 to 1100 cps. No visible uranium mineralization was observed. Mineralization observed at Anomaly 5 comprised disseminated and fracture coating chalcopyrite within haematite-potassium feldspar-carbonate altered heterolthic breccia. No uranium mineralization was observed and scintillometer values ranged from 250 to 400 cps.

7.13.2 Geochemistry and Results

Anomalous rock samples collected in 2006 are shown in Table 17. Sample 286487 comprises a one metre chip sample (true width) that returned 0.142% U_3O_8 with elevated Mo, Ni and Th. This sample was collected from chlorite-serpentine schist with quartz-haematite-potassium feldspar boudin, and abundant malachite staining. Scintillometer values are elevated around zones of intense shearing.

At Anomaly 4, a metal-rich, potassium feldspar-specular haematite-altered boulder (sample 286497) containing disseminated chalcopyrite and malachite returned greater than the 95th percentile Au-Ag-Cu-Mo-U. Significant gold values occur in rocks sampled from Anomaly 4.

A total of 110 soil samples were taken from this area. The sample set displays a strong correlation among Au-Bi-Cu-Hg-Mo-Sn-W and a very strong correlation among Hg-W-Mo-Sn. Three soil lines totalling 62 samples were taken in the drainage east of the Pitch and BL groups of claims. Of these, the southern two lines display consistently anomalous cobalt values up to 158.5 ppm. Three samples along the westerly soil lines contain anomalous uranium values at 10, 10.8, and 14 ppm. During prospecting upslope of these lines neither uranium nor cobalt mineralization was observed.

An additional 48 soil samples were taken at claim post locations during tagging of the posts in the area. Two samples display anomalous uranium with values of 15.7 and 17.7 ppm. Both of these values are in areas that were not prospected but occur near the margin of strong aeromagnetic highs and are interpreted to be sourced form metasomatised sedimentary rock similar to uranium mineralization in other prospected areas.

7.13.3 Recommendations

Earlier drilling at the Wallbanger grid did not adequately explain anomalous Au in soil and rocks while in all other areas drilling generally explained the low grade enrichment in soils. Recommendations included expanding the existing soil coverage, mapping and an IP survey at the Slats-Wallbanger anomaly. Additionally, follow-up on a chalcocite sample north of the Wallbanger area was recommended. These recommendations were based on exploration for Au and Cu as primary targets. Uranium mineralization in the area is spotty, with very little discernable control. An exception is the chlorite-serpentine schist sample that returned 0.14% U_3O_8. Initial observations in the field suggest that the mineralization is likely structurally controlled so this sample should be followed up by mapping and prospecting in the area.

Table 17: Slats Property Significant Mineralization

Sample#	Au (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Th (ppm)	U_3O_8 (%)	Zn (ppm)
286486	0.012	3.31	2890	4.05	985.0	2650	35.80	115	113	27.1	7.3	0.038	53
286487	<0.005	0.05	6.5	0.16	4.5	4.9	40.30	108	216	4.55	71.6	0.142	54
286491	0.007	20.8	814.0	358.0	145.5	5030	37.00	30.3	17200	6.11	5.5	0.002	480
286957	0.013	0.24	66.3	1.25	798.0	50	4.25	27.7	6.3	1.57	9.2	<0.001	16
286961	0.009	0.19	193.5	0.66	120.5	690	11.65	42.6	20.3	4.47	13.5	0.018	19
286496	0.019	0.60	45.7	1.42	14.9	208	95.10	13.6	14.0	6.85	144.5	0.001	14
286497	0.332	7.25	187	31.80	109.0	5280	207.0	81.0	209	37.3	10.4	0.083	190
286499	0.013	0.31	34.6	0.59	11.8	242	25.80	11.8	13.2	5.05	302	0.001	20
286500	0.170	2.31	11.5	142.5	7.0	1.82%	2.79	13.0	6.3	7.26	10.8	<0.001	30
286962	0.430	6.09	27.5	6.64	86.3	252	62.80	40.2	93.2	9.31	16.7	0.038	33
286965	0.027	3.18	12.0	6.17	11.1	1.59%	6.06	17.6	2.9	1.79	17.1	0.004	40

7.14 TVA and Nuck Properties

The TVA and Nuck properties are located between the Bonnet Plume and Bear Rivers. Parts of the Nuck claims are coincident with portions of the historic TVA 4-22 claims and cover the Gnuckle Cu-U occurrence (Minfile 106D/16-062). The Gnuckle was first identified for Cu mineralization in 1968 by Cyprus Exploration Ltd. but was not staked until 1976 for its uranium potential. It consists of brannerite in quartz veins cutting strongly silicified Quartet group sedimentary rocks proximal to a Wernecke breccia body. During the course of the Wernecke Joint Venture program in the 1970's, the area around the occurrence was mapped, soil sampled and a radiometrics survey was undertaken.

From 1992 to 1995 Westmin Resources Ltd. and Newmont Exploration Ltd. completed rock and grid soil sampling, mapping at 1:2500 scale and airborne geophysical surveys. This program outlined a northeast trending thrust fault hosting the majority of the mineralization including the Hem and Roid zones. The Hem zone (underlies parts of the present day TVA claims) is coincident with a northeast trending magnetic high. Additional mineralized or anomalous zones reported by Klatt and Jones (1995) that are currently on these claims include the, North Gnuckle, South Gnuckle and White Gnuckle zones all of which are defined by multi-sample Cu-Mo-Co-Au-Ag-Ni anomalies. The Carbonate, Roid and Junction zones lie outside the present day TVA claims.

The Fairchild Joint Venture drilled seven holes in the vicinity of the TVA and Ursus properties in 1995, including two on the current TVA property targeting soil geochemical anomalies (Klatt and Jones, 1995). Four of the five holes drilled on the Roid zone were not completed due to ground conditions and technical difficulties. The successful hole encountered localized copper and cobalt mineralization in variably altered shaley dolomite including native copper and chalcopyrite-chalcocite veinlets. Two holes were drilled on the Hem zone testing additional soil geochemical anomalies. These holes encountered widespread copper mineralization within variably altered and mineralized dolomitic shale, with disseminated chalcopyrite and pyrite and zones of specularite-carbonate-magnetite-chalcopyrite veining. Significant mineralization encountered in these holes is summarized in Table 18.

Table 18: Significant TVA Drill Intersections

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

Work performed on the property in 2006 included the collection of rock samples (Table 19) from two prospecting traverses. Samples taken in Gnuckle Creek display slightly elevated Mo-Ni-Bi-Co-Pb-Sb. All samples collected were float, however, and may not be a good indication of mineralization style at the Gnuckle and White Gnuckle zones. Samples taken from the Hem zone include two from the intercalated shale carbonate unit of the Gillespie Lake group (286927 and 286928). Both samples displayed elevated Au, Bi, Cu, Mo and U. Sample 286927 is a grab sample taken from fracture controlled chalcopyrite-magnetite-pyrite mineralization displaying the higher grades at 5.22% Cu, 0.81 g/t Au, 278 ppm Mo and 0.016% U_3O_8. The remaining three samples were collected near a previously mapped southeast verging thrust fault juxtaposing chlorite-k-feldspar altered Wernecke Breccia from chlorite-k-feldspar-quartz altered metasomatite. This relationship was confirmed and thus supports the proposition of thrust fault controlled mineralization by Klatt and Jones (1995). Noteable results from these samples include 0.98 g/t Au, 0.69% Cu and 0.15% U (sample # 286929) and 1.58 g/t Au, 303 ppm Co, 3.02% Cu and 0.013 ppm U (sample # 286931). It should be noted also that the latter sample and another as well as the majority of the thrust fault as mapped lies outside of the present Fronteer-Rimfire Joint Venture grounds.

Sixty soil samples were collected along two contour lines parallel to Gnuckle creek and during the course of claim post tagging of the Nuck claim group. The contour lines in the Gnuckle creek valley were located approximately 100 m upslope from lines performed in the mid 1990s. The 2006 contour line on the northwest side of the creek, combined with the historical soils, define two multi-sample, multi-element anomalies. The anomaly farthest west occurs 550 m downslope of the North Gnuckle zone and consists of a Au-Co-Cu anomaly with weak U. A second anomaly occurs approximately 500 m to the east and consists of Au-Co-Cu-Ni-U. Both of these anomalies occur down slope of a previously mapped thrust-fault. The South Gnuckle zone is coincident with a Ni-Co anomaly.

Recommendations for the TVA and Nuck properties include those proposed by Klatt and Jones (1995) as well as several based on 2006 work. For ground that is currently held by the Fronteer-Rimfire Joint Venture, these include further drill testing of the Hem zone. Gnuckle soil anomalies need to be mapped and prospected. The Au-Cu-Ag soil anomaly along trend with a magnetic high should be prospected. The Gnuckle occurrence should be followed up by mapping and based on previously demonstrated relation between thrusts and mineralization, these structures should be systematically mapped and prospected in detail. Sample 286929 – collected from the contact between breccia and altered siltstone – should be followed up based on its elevated Au-U values. The Junction Cu-Au anomaly is open to the south and mapped mineralization is open to the east.

Acquisition of additional land holdings to the west and south of the current TVA claims is warranted. With some additional work and staking, several areas at the TVA and Nuck may constitute drill targets (e.g. the Roid zone at depth).

Table 19: Significant Mineralization from the TVA and Nuck Properties

Sample#	Target	Au (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Th (ppm)	U_3O_8 (%)
286354	Nuck	0.020	1.12	20.3	1.58	413	178	7.81	151	19.1	5.95	3.5	0.001
286355	Nuck	0.013	0.15	64.0	1.27	66.4	17.1	2.91	61.9	8.6	1.40	14.3	0.001
286356	Nuck	0.038	0.28	42.8	5.48	102	47.1	10.85	146.5	7.1	11.10	13.4	<0.001
286357	Nuck	0.044	1.21	56.0	20.00	43.2	1680	120.0	128.5	114	11.25	1.1	0.001
286730	Nuck	0.006	1.37	8.7	0.81	80.5	838	2.18	60.0	173.5	3.90	6.4	0.001
286927	TVA	0.810	3.42	20.8	304.0	76.9	5.22%	278.0	43.2	17.1	2.16	8.5	0.016
286928	TVA	0.206	1.49	1210	11.50	930	1.21%	161.5	59.8	12.3	2.42	4.7	0.016
286929	TVA	0.978	1.36	52.4	8.27	57.2	6860	40.30	36.3	59.2	7.79	38.9	0.153
286930	TVA	0.118	0.93	23.5	14.50	78.5	5990	80.50	50.7	4.3	1.59	11.2	0.005
286931	TVA	1.58	3.02	253.0	4.02	303	3.02%	82.70	112.5	14.6	1.85	10.0	0.013
286934	TVA	0.069	0.61	189.5	12.95	639	207	89.20	71.8	9.0	3.16	13.3	0.000

7.15 Ursus Property

The Ursus property consists of 14 contiguous claims located one kilometre south of the TVA claims (Figure 8). The claim group was first staked in 1976 by Harman Management Ltd. to cover the Ford U and Cu showing (Minfile 106D16-52). The property was subsequently worked by Pan Ocean Oil from 1977-1980 at which time the claims were allowed to lapse. The ground was restaked and additional work was preformed by the Westmin-Newmont Joint Venture from 1992-1995 including collection of 61 rock samples and limited prospecting and mapping. At that time the Ursus and the previously described TVA claims formed a contiguous block. The majority of the work, however, was focused on the TVA claims to the north.

Work completed in 2006 includes prospecting and collection of four rock samples (Table 19). Mineralization occurs as disseminated and podiform chalcopyrite in calcite stringers and veins. Several select samples returned elevated Cu-Au-Ag with negligible amounts of Co-Ni-U. Exceptional values from these samples include 16.6% Cu, 0.2 g/t Au and 19.15 g/t Ag (sample 286734) and 18.2% Cu, 0.2 g/t Au, and 29.9 g/t Ag (sample 286733). Additionally, the distribution of these three elements is not even. Rock samples in the vicinity of breccia in the northwest portion of the claims returned elevated Mo and depleted Ag relative to samples taken in proximity to Wernecke Breccia mapped in the southern portion of the property. Gold is highly anomalous at both locations.

Recommendations for further work from previous years work were focused on the TVA property. As such, geological information concerning the Ursus property is minimal. Elevated Au-Ag-Mo in rocks are justification for further work and the preferential distribution of these elements is intriguing. Additionally, the extent and distribution of uranium mineralization are still unknown. Further prospecting for U mineralization is required and should be accompanied by detailed mapping. If there is sufficient material, a soil sampling survey should be conducted over the extents of the northwestern breccia occurrence.

Table 20: Ursus Property Significant Mineralization

Sample#	Au (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Th (ppm)	U_3O_8 (%)	Zn (ppm)
286731	0.048	1.12	14.1	1.88	22.1	3930	57.4	33.8	12.0	3.06	6.6	0.002	35
286732	0.030	1.76	9.5	1.60	39.2	2.00%	4.78	32.4	16.8	14.45	4.3	<0.001	76
286733	0.192	29.90	4.9	19.45	2.0	18.20%	1.71	5.4	17.0	1.90	6.3	0.004	16
286734	0.237	19.15	<0.2	23.00	2.5	16.60%	3.76	3.4	12.2	1.64	4.8	0.003	15

7.16 Face Property

The Face Property (Figure 8) comprises a small isolated block of claims covering the Face Minfile occurrence. This showing was first recognized through uranium exploration efforts in the 1970s (Eaton, 1981; Riley, 1976). The showing is characterized by argillite-hosted fracture-controlled brannerite float associated with a carbonate alteration and a small body of breccia.

In 2006, eight soil samples were collected from claim post locations at the Face property. These returned insignificant metal values. Examination of the Face showing in 2006 indicates it is highly restricted in areal extent but does contain high-grade uranium and gold. Two proximal radioactive zones were sampled and both returned anomalous Au-Cu-Co-Mo-Ni-U. Sample 286951 returned 3.1 ppm Au, 2300 ppm Mo and 2.1% U_3O_8 from a 10 kg boulder near a 1970s trench.

7.17 Mica-Hail Property

The Mica-Hail property covers the Hail, Rh, Ch, Pg and HE claims and is located 12 km southwest of the Copper Point airstrip. The property was explored for uranium by Zelon Enterprises and the Prism Syndicate from 1976 to 1978 and then by Texaco from 1980 to 1983. From 1992 to 1997 the area was

explored by the Fairchild Joint Venture for Cu-Au (Caulfield, 1992a, b; Owerko et al., 1994; Stammers, 1993). Several new Cu±Au showings were identified but none have been drilled.

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

In 2006, fieldwork consisted of ground checking numerous previously unexplored uranium radiometric anomalies and examination of reported uranium occurrences. Three large ≥8 cps U radiometric high anomalies occur within this area. The first is a 2 by 1.4 km, oval-shaped anomaly (539000mE; 7198500mN) straddling the northern end of the large Wernecke Breccia (Pwb) body and coincides with the uraniferous boulder train on the Hail claims. An irregular uranium radiometric high (>8 cps) contains several smaller (≥10 cps) anomalies including a 1.8 km-long north-south, oval anomaly centred on Mica Creek (538320mE; 7194900mN) and a northeast-elongate dumbbell shaped zone (535850mE; 7194600mN).

Soil sampling was completed along several contour lines and a grid was completed across the Pagisteel Fault Zone. Broad-spaced soils were collected over the Reid Claims during claim tagging.

7.17.1 Hail U boulder train

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

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

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

A total of 29 samples were taken from boulders across a 140 by 55 m area. Seventeen boulders sampled from the densest part of the train averaged 0.15% U_3O_8, of which 13 samples returned greater than 0.10% U_3O_8 with a maximum of 0.30% U_3O_8. Sampling of the same boulder train by previous workers returned values up to 7.0% U_3O_8.

Four lines of contour soil samples totalling 90 samples were taken across the Hail boulder train area; contour lines were spaced roughly 150 m apart with 50 m sample centres over the boulder train and 100 m for the rest of the lines. Spotty uranium anomalism occurs over the area and nine samples returned >98th percentile U. The only coherent uranium anomalism coincides with the breccia on the line above the main boulder showing. Copper and gold also exhibit spotty anomalism with a few samples returning extremely high values.

7.17.2 Hail West Cu-Au-Ag Showing

Downstream from the Lost Chris and Bullet Cu Showings (Owerko et al., 1994) two new zones of quartz-iron carbonate-chalcopyrite veins with true widths of up to 25 cm were discovered. Samples (Table 21) returned anomalous Cu-As-Au-Ag-Co-Ni with maximum values of 24% Cu, 9550ppm As, 4.12 ppm Au, 123 ppm Ag, 0.70% Co and 0.33% Ni. Of note is sample 286099 which returned 24.5% Cu, 2.45ppm Au and 62.50ppm Ag from a 25 cm-wide vein.

The veins are similar to those described at the Lost Chris and Bullet Showings which have similar orientations and have been compared to mineralisation at the Gremlin, Reid and the Eagle properties (Owerko et al., 1994). Historical rock samples from the adjacent Bullet Showing were taken across a siderite-ankerite vein and returned 160 ppb Au, 2.77% Cu and 157 ppm Co over 13 m.

These veins are only exposed in deeply incised gullies dissecting an area mostly covered by talus. The mineralized veins area interpreted to lie within a NW trending structural zone with a minimum strike extent of 200 m. No drilling has been conducted in this area.

7.17.3 Pagisteel Fault corridor

A soil grid was completed over the Pagisteel Fault along Mica Creek. Soil development is very good within this alpine valley. Gridlines were established at 200 m line spacing with 50 m sample centres and a total of 98 samples were taken. A coherent >95th percentile U anomaly extends over a strike distance of 1.8 km and varies in width from to a single sample to 150 m wide. The anomaly appears to coincide with the intersection of the Pagisteel Fault and a large Wernecke breccia body. The relation is not clear, however, since the anomaly ends at the southwestern end of the southernmost breccia and does not extend along the trace of the fault. The current grid ends at the edge of the northernmost breccia (contact) and consequently it is recommended to extend this grid to the northeast.

A total of 26 rock samples (Table 21) were taken along Mica Creek Corridor from float and subcrop and also from mineralised breccia boulders at the base of the eastern ridge within the U radiometrics anomaly. Two grab samples were taken from subcrop located on the Pagisteel Fault adjacent to Mica Creek. The samples consisted of gossanous fault breccia with pyrite-chalcopyrite infill (sample 286422) and quartz-Fe-carbonate-chalcopyrite-malachite veins (sample 286423). Both returned anomalous Cu-Au-Ag but low U.

The large N-S-elongate, >10 cps uranium radiometric anomaly is sourced from radioactive Wernecke Breccia boulders at the base of the eastern ridges with background scintilometer readings of up to 600 cps. Numerous large breccia boulders sampled across this zone featuring chalcopyrite and Fe-oxide-jarosite-malachite staining were sampled returning elevated Cu (to 2.67%), Co (to 659ppm) and Au to 0.289ppm. The source area of these boulders is breccias located upslope to the southeast.

7.17.4 Megaclast Cu-U Showing

The Megaclast showing is an enigmatic, large yellow outcrop of altered aplite located on the western side of the Pagisteel Fault valley in the southeast part of the Mica Claims. The outcrop forms a small cliff and features abundant disseminated pyrite, rare chalcopyrite and two narrow (~50 cm-wide) radioactive zones of brannerite with hematitic haloes yielding scintilometer values of up to 1300 cps with abundant secondary Cu, jarosite and Fe-oxide staining. The 20 by 40 m outcrop is completely contained within a breccia body and is fault-bound on all sides. Rock samples from the Megaclast returned elevated As-Cu-Ag and up to 0.03% U_3O_8.

7.17.5 Conclusions & Recommendations

The boulder source was noted as “shear zone up the hill” by Hajak (1980) and this should be delineated by mapping. If this shear zone source is not located then a trench should be dug across the breccia-sediment contact to check for the mineralisation source.

At the Hail West (Lost Chris and Bullet Showing) area, further mapping and prospecting should be completed to identify vein density. If abundant veins can be located then this area should be considered a potential Cu-Ag-Au drill target. Trenching may be necessary as outcrop is scarce.

Within the Pagisteel Fault Corridor, the soil grid should be extended to the NE past the breccia contact. Trenching across the Pagisteel Fault near the anomalous grab samples should be conducted, although it is highly likely that overburden will be too deep to trench effectively.

Table 21: Mica-Hail Property Significant Mineralization

Sample#	Area	Au (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Th (ppm)	U_3O_8 (%)
286165	Hail	0.136	0.07	49.2	1.41	32.8	32.2	5.36	139.0	2.8	1.21	7.8	0.001
286166	Hail	<0.005	0.12	16.0	0.28	4.8	7.2	1.15	95.0	253.0	8.33	153.5	0.212
286477	Hail	0.035	0.80	32.6	4.99	603	1.85%	12.45	30.2	5.1	2.49	17.0	0.001
286910	Hail	<0.005	0.07	11.5	0.20	4.1	18.7	35.30	14.0	292.0	5.54	132	0.248
286911	Hail	0.052	4.50	21.0	1.16	57.9	8880	14.00	30.1	12.3	2.84	15.7	0.005
287042	Hail	0.008	0.05	16.3	0.15	5.0	4.9	5.83	108.5	96.0	5.92	84.6	0.189
287050	Hail	0.006	0.15	20.0	0.27	5.0	9.6	1.02	67.8	208.0	6.43	157.0	0.248
287052	Hail	0.007	0.06	22.4	0.27	4.7	9.4	1.29	127.5	125.5	8.37	177.5	0.295
287106	Hail	<0.005	0.06	23.0	0.27	12.4	3.7	0.43	101.0	183.0	5.12	56.5	0.130
286097	Hail_west	1.53	30.2	1055	35.0	280	11.5%	2.17	925.0	51.2	25.70	4.6	<0.001
286098	Hail_west	0.125	71.5	3380	32.4	1265	7.14%	0.88	462.0	19.8	83.40	2.4	<0.001
286099	Hail_west	2.45	62.5	1755	47.2	422	24.5%	2.10	937.0	22.7	15.15	0.2	<0.001
286100	Hail_west	4.12	26.0	9550	37.9	6960	7.18%	3.01	3320	35.6	20.80	0.5	<0.001
286351	Hail_west	0.888	123	266	69.5	212	3.71%	0.55	1800	29.5	525.0	0.4	<0.001
286352	Hail_west	0.850	51.6	59.9	5.65	132.5	12.7%	0.91	254.0	6.7	9.74	1.2	<0.001
286721	Hail_west	0.491	1.31	16.2	87.2	119.5	2.25%	1.19	53.7	1.6	1.36	1.5	<0.001
286153	Pagisteel	0.005	1.14	75.0	0.22	67.0	93.7	2.52	63.9	395.0	5.10	0.8	<0.001
286154	Pagisteel	0.199	0.77	895	23.4	1520	640	35.60	262.0	7.5	1.91	11.3	0.001
286156	Pagisteel	0.020	0.09	309.0	0.88	801	28.3	3.71	51.8	2.5	0.83	16.4	<0.001
286422	Pagisteel	1.26	6.93	24.9	8.06	41.4	5.75%	151.5	111.5	18.2	10.45	0.3	<0.001
286423	Pagisteel	0.140	0.78	10.0	0.80	17.6	7870	12.90	15.6	11.4	3.83	1.9	0.001
286479	Pagisteel	0.022	0.15	414	0.60	786	398	10.60	41.1	7.5	0.62	20.2	0.008
286483	Pagisteel	0.158	0.79	3.9	2.87	46.8	2.13%	157.5	86.8	2.2	0.99	13.4	0.006
286724	Pagisteel	0.289	1.39	13.2	0.55	240	2.68%	50.20	39.6	1.1	0.94	3.3	0.002
286726	Pagisteel	0.007	1.43	715	2.96	691	240	17.90	197.0	133.5	1.37	11.3	0.001
286727	Pagisteel	0.211	0.91	645	9.25	972	145	1085	258.0	13.8	2.05	12.2	0.003

7.18 Reid Property

During the 2006 program two rock samples were collected from the Reid property (Figure 8) while tagging claim posts. Sample 286163 returned 95th and 80th percentile for Co (470 ppm) and Ni (70.5 ppm) respectively. The float sample is characterized as moderately chlorite-altered quartz vein containing 10% pyrite hosted in phyllite. Values of zinc and arsenic were moderately elevated.

A total of 75 soil samples were collected from the Reid property (30 samples from two soil sampling lines to the east and 45 during claim-post tagging). The elevated cobalt in rock sample 286163 coincides with anomalous Co in three soil samples. Three kilometres southwest, in the southern portion of the property, a single soil sample returned 1240 ppm Co – the maximum cobalt value for all soils collected project-wide – as well as high Au (0.147 ppm), Mo (61.5 ppm), Ni (208 ppm) and U (21.3 ppm). This area is therefore a priority target for follow up prospecting.

7.19 Arch Property

The Arch property (Figure 8) is located along the southern side of the Bonnet Plume River. The northern and eastern portions of the property were mapped, prospected and drilled (three holes) during the Fairchild Joint Venture program. The claims were staked to cover an airborne magnetic high and several Wernecke breccia occurrences. Results indicate a copper-mineralized fault zone with up to several percent chalcopyrite with geochemical values of 2.82% copper and anomalous gold (Klatt and Stammers, 1994). Drilling intersected similar zones of fracture-controlled chalcopyrite and chalcopyrite + scapolite veins cutting biotite hornfels.

In 2006, twenty rock samples were collected during several prospecting traverses through the Arch claims. Copper mineralization was encountered on the western boundary of the property associated with a Wernecke breccia body hosted in weakly chloritized shale and phyllite. The mineralization is similar to that documented previously by Klatt and Stammers (1994) to the east across the valley with fracture/foliation parallel veins of quartz and chalcopyrite and chalcopyrite veinlets. Values returned from 2630 ppm to 6640 Cu. Arsenic in rocks is elevated near the south-central portions of the property and coincident with the multi-element soil anomaly described below.

One hundred five soil samples were collected in this area in three soil lines and during the claim-post tagging program. A line in the south-central portion of the property defined a seven sample Au anomaly with values ranging from 0.009 ppm to 0.043 ppm, coincident with an Ag anomaly of nine samples ranging from 0.22 to 0.73 ppm. The Au-Ag anomaly abuts a cluster of samples defining a As-Bi-Cu-Pb-U-Zn anomaly (all above their respective 80th percentile). An As-Cu anomaly occurs along the western edge of the property, approximately 100 m down-slope of the copper mineralization described above. A soil sampling line in the area worked during the Fairchild Joint Venture program returned a 10 sample U anomaly along the eastern and northern slopes of a north-trending ridge.

Follow-up work on this property should include mapping and prospecting around copper mineralization along the western portion of the property. Mapping and prospecting should be preformed upslope of the multi-element soil anomaly in the central portion of the property and upslope of the U soil anomaly in the northern part of the property. Additional soiling programs may not be useful here as the areas up slope of existing soil lines are characterized by exposed rock and talus.

7.20 Olympic Property

The Olympic Property (Figure 9) is located on the west side of the Bonnet Plume River across from Delores Creek. The area is underlain by Gillespie Lake sedimentary rocks and covers several Wernecke breccias.

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

In 2006, reconnaissance mapping, prospecting and soil contour lines were conducted on the Olympic Property. This work was focused on radiometric anomalies. Soil and rock sampling generally supported the earlier Fairchild Joint Venture results. A 400 by 300 m, >8 cps anomaly located 800 m west of the Tow Minfile occurrence yielded five contiguous soil samples with highly anomalous Au-Ag-Mo-Cu-Co-U. This anomaly is open on both ends since this contour line is only five samples long. Additionally, sample 286169 was collected in this area (Table 22) and returned high Au, Cu and U. This area should be systematically mapped and grid soil sampled. A rock sampling traverse line, conducted by the Fairchild Joint Venture was completed about 300 m upslope from the anomalous 2006 contour soil line but these rock geochemical results were typically insignificant. It is possible that this anomaly is related to the Tow Minfile occurrence if its location is plotted erroneously.

Table 22: Olympic Property Significant Mineralization

Sample#	Au (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Th (ppm)	U_3O_8 (%)	Zn (ppm)
286169	0.171	10.1	6.0	2.37	2.7	9510	53.3	11.8	93.9	12.65	167.5	0.118	35
286215	0.351	0.68	1170	3.69	147	1.56%	2.53	53.7	4.7	2.68	1.8	<0.001	12
286358	0.066	0.50	5210	0.81	3380	1.01%	4.95	119	2.8	1.04	14.7	0.001	8
286359	0.029	0.82	1200	0.69	791	1.29%	8.62	81.3	2.9	1.52	18.9	0.002	8
286360	0.061	0.98	10001	1.67	10001	9480	8.84	417	3.6	1.05	11.7	0.001	5
286362	0.028	0.45	76.3	1.47	279	6310	26.8	30.7	3.9	1.27	11.2	0.002	6
286363	0.029	0.88	308	1.68	256	1.93%	11.0	31.3	3.1	1.06	18.4	0.002	8
286861	0.149	0.85	28.8	0.33	35.1	1380	5.23	12.4	6.7	7.83	6.1	0.005	10

7.21 Auks Property

The Auks Property (Figure 9) was not worked during the 2006 field season. In 1997, the Fairchild Joint Venture drilled seven holes in the Auks area (six on the current Auks property) in 1997 (Stammers, 1997a). The first three holes targeted Cu-Au soil geochemistry and exposures of Wernecke Breccia. The remaining four holes tested a large, deep-seated, circular magnetic high, whose depth was modelled by Newmont's geophysicist at 800 m below surface. The three holes spotted on soil geochemistry encountered long intervals of low but anomalous Cu and Au values within haematite breccia; the best intersection was in hole LY97-01, with 82.5 m averaging 1037 ppm Cu and 16 ppb Au. The first three holes designed to test the magnetic high encountered haematite breccia, dolomitic siltstone and interbedded argillite/siltstone without significant alteration or mineralization, and were terminated at 60-256 m depth. The last hole, LY97-10, intersected magnetite-bearing diorite below 380 m, but magnetic susceptibility measurements for the diorite were still considered too low to explain the large magnetic anomaly. Its best intersection was 16.5 m grading 1300 ppm Cu and 23 ppb Au in haematite breccia from 114.05-130.55 m depth.

7.22 TG Property

The TG Property is located 11 km east of Fairchild Lake. The property was staked to cover irregular airborne radiometric anomalies. Work in 2006 included the collection of 17 soil samples while tagging claim posts in addition to minor prospecting with hand-held scintillometers. No significant mineralization was observed in float or outcrop. Likewise soil samples returned insignificant values for elements of interest. Scintillometer readings peaked at 260 to 280 cps. These radiometric anomalies are interpreted to be the result of elevated background radiation attributed to slightly elevated U concentrations in siliciclastic rocks of the Quartet group. No further work is recommended on this property.

7.23 Lost Moose Property

The Lost Moose property is located 19 km east of Fairchild Lake in the Wernecke Mountains (Figure 10). The property consists of 24 contiguous mineral claims staked in 2006 to cover an airborne radiometric anomaly.

A total of 72 soil samples were collected on or immediately adjacent to the property in two contour soil lines and during tagging of claim posts. Limited prospecting was done on the southern portion of the property. Both contour soil lines returned multi-element anomalies with elevated uranium ranging from 5.5 to 11 ppm. The highest uranium soil values are coincident with an airborne radiometric anomaly adjacent to the property in the northwest. A single soil in the southeast returned very anomalous gold (31 ppb). This sample was taken approximately 450 m down-slope from a single soil sample collected during claim-post tagging with very anomalous Co-Cu-Ni with values of 120.5 ppm, 352 ppm and 79.8 ppm, respectively. A single soil sample taken from a cirque to the north of the property

returned 10.85 ppm U, however, no mineralization or elevated scintillometer readings were observed in the area. No significant mineralization was observed in float or outcrop during prospecting the southern portion of the property. A non-magnetic diorite dike cuts Quartet Group siltstone, strikes 150^{o} and trends toward the anomalous soils and radiometric anomaly.

Follow up work should focus on the anomalous soils to the north. Additional soil contour lines should be added between the two existing lines and another west of the current lines. The area coincident with these lines should be prospected in detail. The area underlying the western soil line and coincident radiometric anomaly is not currently staked.

7.24 Glacier Lake Property

The Glacier Lake Property (Figure 10) is located north of Dolores Creek approximately 30 km east-southeast of the Copper Point Camp. Five Minfile occurrences are found on or near the property including the Dolores (known as Barb in some reports; Au-Cu-Pb-Zn), Julie (vein showing which occurs at two separate locations possibly indicating erroneous Minfile data), Bell (unspecified vein showing) and Mueller (Cu). This area was worked by Bonnet Plume ML from 1968-1972, Texaco from 1980 until 1982 then the Fairchild Joint Venture in 1994.

Fieldwork in 2006 consisted of prospecting and examination of numerous newly identified U radiometric anomalies, Minfile occurrences and other mineralized areas mapped by the Fairchild Joint Venture. Broad-scale geological mapping and prospecting focussing on the main zones of radiometric anomalies in the eastern half of the target were completed at 1:10 000 scale.

The target is underlain by sedimentary rocks of the Fairchild Lake and Quartet Groups which are intruded by numerous heterolithic and homolithic Wernecke breccia (Pwb) bodies and diorites. Mapping completed this year revealed extensive folding and faulting across the area and numerous siderite-quartz veins.

A distinct, 3.5 km diameter donut-shaped magnetic high occurs in the northern part of the target, the more intense southern half underlies the central part of the Glacier Lake target. These may represent diorite intrusive rocks at depth. Two discrete, smaller magnetic highs occur in the southeast and southwest corners, the latter coincides with 12 cps uranium radiometrics anomaly (centred at 573000mE, 7197500mN). Several other strong (≥ 12 cps) radiometric uranium anomalies occur within the area. A single bulls eye centred at 570630mE, 7197300mN occurs immediately west of a mapped Pwb unit and the entire eastern half of the target features an anomaly > 8 cps including five areas of >12 cps.

7.24.1 Alteration and Mineralisation

Copper mineralisation is common across the target area. Chalcopyrite mineralisation occurs within diorite, altered host-rock clasts within Wernecke Breccia and as vein and fracture fill in quartz-carbonate veins and within faults along breccia margins. Secondary malachite and azurite are widespread. Quartz, potassium feldspar, albite, chlorite, carbonate, serecite, epidote and specularite are commonly associated with chalcopyrite. Minor erythrite (hydrated cobalt arsenate) associated with copper mineralisation has been reported in this area (Caulfield et al., 1995b). At the Julie Showing (southeast corner of the target) malachite-azurite stained diorite float and chalcopyrite veins over a breccia unit were sampled.

Anomalous scintillometer readings were detected on fractures, joints and thin quartz veins in altered siltstones adjacent to breccias in the northeastern corner of the property. Small patches in isolated boulders and outcrops of siltstones of the Quartet Group gave scintillometer readings ranging from 1000 cps to 3700 cps. No positive uranium mineral could be identified in hand specimen, but a black, sooty mineral common on fracture surfaces seemed to be the radioactive phase.

7.24.2 2006 Geochemical Results

Forty-eight rock samples comprising (22 float, 17 grab, 1 select and 8 chip) were collected from copper mineralised and radioactive material during prospecting and mapping in 2006 (Table 23). Spotty copper mineralisation occurs across this entire claim group; 22 samples assayed over 1000 ppm Cu, seven samples greater than 1% and two samples >10% with a maximum of 21.8%. Minor precious metal enrichment is apparent with seven samples returning over 1 ppm Ag with a maximum of 26.5 ppm. Eight samples assayed over 0.1 ppm Au with a maximum of 2.59 ppm. Results were commonly elevated for cobalt and arsenic.

Of the radioactive samples collected, eight returned at least 85th percentile U with a maximum of 345 ppm. The highest value came from sample 286759, a chip taken across a 30 cm wide zone of shallow, north dipping moss covered veins which averaged 1000 cps. High uranium results were obtained from a silica-carbonate altered sedimentary rock close to a breccia. Fine fractures oriented 290°/70°N in the host-rock were the apparent source of the strong scintillometer readings.

162 soil samples were collected along steep talus-rich slopes with generally poor soil development. Nearly all samples returned U values above 70th percentile. Most samples returned Cu values above the 80th percentile. By contrast, gold is subdued with minor spotty mineralisation evident with many samples assaying below detection.

7.24.3 Conclusions and Recommendations

Widespread Cu-(Au-Ag-Co) mineralisation occurs across the Glacier Lake area and numerous data sets imply that mineralisation is associated with the magnetic high anomaly, diorites and breccias in the central north of the target. The radiometric and soil geochemical data suggest that black shales and siltstones which underlie much of the area have inherently high background uranium values. Widespread anomalous uranium in soil but lack of corresponding anomalous uranium in rock samples indicates that uranium in soil may not represent a bedrock source.

The area does, however, show potential for Cu mineralization and values obtained by the Fairchild Joint Venture and in 2006 should be prospected and the area should be mapped in more detail.

Table 23: Glacier Lake Property Significant Mineralization

Sample#	Au (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Th (ppm)	U_3O_8 (%)	Zn (ppm)
286045	<0.05	0.19	3.2	0.22	24.8	891	0.35	34.1	8.4	4.54	10.7	<0.001	243
286048	0.017	1.04	382	3.31	548	3920	90.6	94.4	7.3	0.85	20.0	0.001	20
286050	<0.05	<0.01	0.9	0.03	1.3	225	0.33	11.6	7.9	0.82	8.9	0.016	3
286084	0.023	0.33	15.9	0.26	62.4	4130	5.83	40.6	2.4	1.15	13.5	0.021	8
286086	0.007	0.44	259	8.96	15.1	120.5	1.90	35.7	21.3	9.76	16.6	<0.001	39
286087	0.005	0.01	4.4	0.38	4.5	48.4	2.11	17.8	13.6	1.59	28.7	0.021	11
286178	0.009	0.27	1.6	0.34	5.6	5530	4.65	17.2	1.6	1.79	12.8	<0.001	9
286179	0.039	0.79	9.0	0.61	16.3	5190	0.67	63.1	8.8	2.14	24.5	<0.001	124
286372	0.559	5.14	14.9	1.80	229	2.64%	0.52	33.5	2.6	2.44	0.7	<0.001	110
286373	0.024	0.19	30.8	1.15	14.6	684	0.21	32.6	4.2	10.75	1.0	<0.001	31
286457	0.005	0.29	294	2.91	34.0	479	4.38	40.3	3.7	1.83	5.1	<0.001	49
286705	0.075	0.39	<0.2	0.08	5.0	4430	47.6	9.2	3.0	0.57	11.8	0.001	16
286706	0.087	1.86	2.7	0.77	25.9	2.69%	315	75.6	4.4	1.61	1.0	0.002	124
286707	0.033	0.21	<0.2	0.06	8.0	3060	2.28	43.3	2.4	0.65	15.4	<0.001	53
286708	0.198	0.09	6.3	0.18	54.8	84	2.87	64.7	30.9	1.22	7.6	0.005	221
286747	2.59	14.15	5.8	5.25	36.4	13.15%	2.35	31.0	3.4	0.75	4.5	<0.001	16
286748	0.552	3.92	40.9	10.30	737	12900	3.70	140	22.0	2.02	6.3	0.001	24
286749	1.00	26.50	19.4	4.51	19.7	21.80%	3.17	77.1	60.0	0.44	2.4	<0.001	263
286750	0.195	3.28	2.4	0.96	6.6	2.34%	1.78	58.2	9.2	0.64	6.8	<0.001	75
286757	0.212	0.36	6.2	0.97	43.7	1.19%	28.7	132.5	3.1	0.87	7.7	0.001	42
286759	<0.05	<0.01	3.5	0.19	8.9	40.3	0.29	13.0	18.9	6.01	25.0	0.041	5
286760	<0.05	<0.01	1.7	0.31	7.6	56.9	1.12	80.1	15.5	2.75	16.0	0.021	25
286761	0.131	1.04	878	2.36	470	8190	4.26	96.8	3.3	1.36	15.0	0.001	8
286939	0.088	1.11	517	0.50	302	7830	3.31	73.8	2.0	1.89	18.2	0.001	4
287001	0.016	0.22	4.8	0.46	8.4	1190	0.34	16.1	9.2	1.00	28.8	0.001	47
287002	0.035	0.34	105.5	14.65	329	805	4.48	179	5.4	0.94	8.3	0.001	8
287003	<0.05	<0.01	6.1	0.07	2.9	5.2	0.25	40.1	16.8	2.49	19.2	0.012	24
287005	<0.05	0.02	5.6	0.22	9.9	48.8	0.30	35.0	14.2	1.74	19.4	0.016	26
287006	0.039	0.40	6.5	6.62	16.9	4220	271	87.0	1.8	1.81	3.7	0.001	45

7.25 Dobby Property

The Dobby property (Figure 10) is located approximately 18 km east of the Bonnet Plume River and consists of 20 contiguous claims staked in 2005 to cover the Dobby Cu-U showing (Minfile 106C/14-017). No historic geochemical data exists for this property area.

In 2006, the area was surveyed by reconnaissance soil contour lines with minor prospecting and mapping. A cluster of soil samples along the southern part of the property and some isolated samples returned >95th percentile Au but were consistently low in other metals of interest. Several rock samples returned elevated Cu up to about 1%. These geochemical results deserve follow-up examination.

7.26 Jazz-Thunder Mountain (JTM) Property

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

In 2006, Fronteer discovered the Thunder Mountain Au-U-Cu showing (formerly known as the Ewe-2), 5.5 km northwest of Jazz. The occurrence is associated with a previously unmapped body of Wernecke Breccia. 42 claims were staked to cover the showing and to make the claims contiguous with the Jazz claims.

Work in 2006 consisted of prospecting and contour soil sampling. Initially, work focused on ground checking radiometric anomalies and prospecting for uranium mineralization on the Jazz claims. After the discovery of the Thunder Mountain showing, the focus of fieldwork shifted to this area.

Detailed geology of the Jazz Claims from the Fairchild Joint Venture work is presented by Owerko (1995a) and Stammers (1997b) and will not be repeated here. The Thunder Mountain Showing is located at 541050mE; 7170600mN and features homolithic (Pbhm) and heterolithic (Pbht) Wernecke Breccia outcrops over an area 550 m by 400 m. The breccias are exposed as finger-like bodies apparently controlled by east-northeast, west-northwest and east-west regional scale structures.

The host sedimentary rocks are east-striking, moderately south-dipping, siltstone with lesser mudstone. The breccia varies from homolithic at the margins heterolithic breccia towards its centre. Margins of the breccias are irregular at all locations. The heterolithic breccia contains clasts of K-feldspar altered siltstones in a matrix of chloritic rock flour with up to 5% specular haematite. Homolithic breccias are composed of randomly oriented fragments of the siltstone in a very fine-grained rock matrix. Contacts with the host siltstone are sharp or locally gradational with randomness of clast orientation decreasing and grading into moderately fractured country rock.

In the southern half of the prospect, diorite bodies crop out as small pods up to a few metres long. The diorite is silica-chlorite altered, goethite and rarely malachite-stained and is weakly magnetic. The diorite typically occurs at the contact between homolithic and heterolithic breccia. The age of the diorite is interpreted to be no younger than the age of brecciation based on similar alteration in both the diorite and brecciated country rock.

7.26.1 Mineralisation

At Thunder Mountain, zones of strongly silicified, jarosite-stained, ferruginous breccia trend north-northeast and feature elevated radioactivity. These zones typically cross-cut the breccia margins and display a distinctive yellow-brown Fe-oxide-jarosite staining and silicification. The zones give scintillometer readings of between 350 and 650 cps with localized values into the low thousands to a maximum of 9000 cps. The highest scintillometer readings correspond to Fe-carbonate-specularite-K-feldspar altered breccias sampled from float (and possibly subcrop for some samples) likely sourced from breccia outcropping a few metres upslope. The controls on the distribution of uranium mineralisation appear to be north-northeast structures and east-west structures. These tend to be marked by zones of enhanced jointing rather than discrete faults or shears.

Disseminated copper mineralisation occurs within the heterolithic breccias, usually associated with megaclasts of sedimentary rock or within cross-cutting quartz-chalcopyrite-pyrite veins. The highest copper grades come from samples near an east-northeast striking heterolithic breccia-siltstone contact in the northern part of the showing.

Copper-gold mineralisation on the Jazz property is similar to mineralisation on the Thunder Mountain Showing. Several radioactive float samples consisting of intensely brecciated, strongly Fe-carbonate-silica altered sedimentary rock with scintillometer readings between 1000 and 5400 cps were sampled. Two of these samples (286874 and 286873 located 40 m apart) were found high on a south dipping ridge near its northern margin, in a thin veneer of talus which is interpreted to be very close to the bedrock source. Similar float material was found in the creeks draining this area immediately north (e.g. sample 286173) and also further down slope to the south.

7.26.2 Geochemistry

A total of 26 rocks and 119 contour soil samples were collected on (or just south of) the Jazz Claims. 204 contour soil samples and 23 rock samples were sampled from the regional U radiometric

anomalies and the Thunder Mountain Showing. Note that the majority of rock samples collected across the region are float.

The Jazz showing covers a large area of outcropping Wernecke Breccias which were previously explored for Cu-Au. Rock samples of carbonate-silica altered, brecciated sedimentary rock with high scintillometer readings returned maximum values of 0.53% U_3O_8 and 2.88 ppm Au (Table 24). Anomalous Cu and Au values were returned from several samples with eight samples assaying over 1% Cu (maximum value of 7.7% Cu). Maximum results for other anomalous elements in this suite of samples include 2.02 ppm Au, 22.2 ppm Ag, 2550 ppm As, 138 ppm Bi, 683 ppm Co and 901 ppm Sb.

Soil samples were taken along two major east-draining creeks south of the Jazz Claims. The samples are generally low in U except for a few individual samples taken over breccia bodies and for an individual spot high (sample 202566) in the SW corner of the area. A Cu anomaly extends for over 800 m in the soils down slope to the north from the Lightening Showing and a second shorter (350 m long) anomaly exists beneath mapped Cu mineralized breccias on the southern side of the same ridge.

Several radiometric anomalies to the north and northwest of the Jazz were prospected. The majority of these anomalies seem to be caused by high background uranium in Quartet Group sedimentary rocks. Anomalies situated within cirques can be attributed to topographic / volume effects. Anomalies coincident with breccia occurrences on the Jazz property are likely caused by strong to intense potassic alteration of exposed breccia. This is supported by high background scintillometer readings of 300 cps with localized zones of up to 500 cps.

Table 24: Significant Mineralization from the Jazz Area

Sample Number	Au (ppm)	Ag (ppm)	Bi (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Te (ppm)	Th (ppm)	U_3O_8 (%)	Zn (ppm)
286173	0.065	0.50	3.36	24.8	217	5.41	46.4	116	26.1	1.07	121.5	0.531	18
286177	0.006	7.39	138	3.4	3300	0.19	6.7	29.7	901	0.07	1.5	<0.001	196
286366	0.152	22.2	6.65	683	7.68%	0.76	779	18.9	2.24	1.04	7.1	<0.001	34
286367	0.381	3.16	1.71	174	2.45%	0.74	200	6.9	0.88	0.25	6.2	<0.001	17
286755	2.02	17.9	13.65	330	1.01%	3.96	336	352	5.37	1.10	2.1	<0.001	300
286873	0.428	1.42	6.48	20.3	150	16.65	17.2	179	4.18	2.54	41.3	0.130	5
286874	0.132	0.54	4.33	6.6	190.5	3.44	42.0	113	28.8	0.64	76.6	0.330	12
286875	0.124	0.56	2.50	34.6	3780	77.3	47.5	2.2	2.86	1.23	12.7	0.001	12
286876	0.658	6.08	1.81	12.3	2640	30.2	19.2	18.9	1.19	4.21	16.6	0.016	11
286877	2.88	5.81	50.2	15.3	45.5	4.7	80.6	20.9	5.91	37.9	4.1	0.050	21
286879	0.277	0.13	2.61	32.6	7.1	2.09	81.9	28.4	6.98	1.46	34.4	0.078	21
286883	1.34	3.06	3.53	46.4	1.16%	456	31.3	4.0	1.96	2.61	19.9	0.002	13
286884	0.068	0.04	0.17	8.3	114	0.18	35.1	6.8	7.35	0.05	37.9	0.029	8
286885	0.105	1.91	0.57	20.1	1.08%	24.1	80.3	2.2	2.95	0.51	11.4	0.001	27
286886	0.164	2.68	3.52	144	1.85%	25.8	39.5	2.0	2.06	1.62	11.5	0.002	12
286936	0.159	1.12	2.86	72.4	6280	35.3	32.0	3.9	1.00	1.04	17.5	0.003	23

Rock samples from the Thunder Mountain showing (Table 25) returned high values for several elements and two distinct geochemical signatures are evident. Firstly, chalcopyrite in veins and disseminated within breccias commonly returned >1% Cu and >1 g/t Au with elevated Ag and Co. The second distinct mineralization type includes carbonate-specularite-potassium feldspar altered breccias with high scintillometer readings that yielded bonanza grade Au (three samples returned over 20 g/t Au) with elevated Ag-U-Mo. Maximum values from individual rock samples at Thunder Mountain are 0.68% U_3O_8, 99.2 ppm Au, 19.4 ppm Ag and 1130 ppm Mo.

Three soil anomalies occur within the Thunder Mountain and northern regional radiometrics anomalies. Five contour soil samples coincide with a small 10 cps uranium radiometric anomaly located 3 km northeast of Thunder Mountain. Soil values range from 3.1 to 4.7 ppm U.

A strong Cu-Au-U soil anomaly coincident with an 8 cps airborne radiometrics anomaly occurs at the base of a steep cliff in the eastern part of the Thunder Mountain claims. The anomaly crosses E-W

and N-W trending magnetic linear features. The zone is a coherent 70th percentile Cu anomaly defined by 11 contour samples at the eastern end of the claim group. The source for the mineralized soils could be a breccia body located at the top of the adjacent ridge.

A third soil anomaly coincides with a 12 cps U radiometrics anomaly at 544700mE; 7176290mN. The line features spotty gold but consistently elevated copper that extends to both ends of the line.

Table 25: Significant Mineralization from the Thunder Mountain Area

Sample#	Au (ppm)	Ag (ppm)	Bi (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Te (ppm)	Th (ppm)	U_3O_8 (%)	Zn (ppm)
201002	110.5	5.06	324	5.8	9.8	429	30.8	160.0	18.8	182.0	72.3	0.566	18
201003	1.640	7.42	14.95	523	3.62%	12.35	326	6.9	9.21	3.84	14.9	<0.001	31
201007	0.058	0.6	1.05	20.5	6040	3.80	39.6	56.8	9.51	0.06	17.4	<0.001	96
201008	0.848	8.98	11.10	1760	3.30%	12.25	793	4.7	2.24	4.50	15.2	<0.001	21
286255	0.006	0.05	0.94	20.8	17.3	2.42	36.8	2.5	1.45	0.12	15.8	0.001	13
286256	0.981	5.70	4.34	50.1	2.14%	1.86	145.0	5.7	1.66	0.33	15.1	0.001	11
286606	3.190	19.4	274	10.7	19	6700	20.0	155.0	9.97	128.5	69.4	0.283	41
286607	1.170	0.19	0.84	6.7	24.1	8.12	32.1	3.9	1.37	0.38	16.5	0.002	15
286610	0.016	0.14	1.02	9.9	6	24.20	29.4	19.8	3.34	0.44	38.4	0.033	10
286611	0.017	0.12	1.15	8.2	27	24.40	27.9	14.6	2.48	0.49	36.9	0.041	15
286736	0.274	12.6	18.65	138.5	12.65%	106	41.6	6.5	6.33	4.31	5.8	0.004	9
286737	0.273	6.53	92.70	828	2150	2.13	4680	172.5	86.5	1.50	<0.2	<0.001	102
286738	0.064	0.18	30.00	13.0	12.8	11.20	47.2	20.8	2.13	17.05	31.9	0.045	5
286741	1.285	7.24	110.5	216	1.52%	5.34	169.5	5.5	2.20	1.39	12.6	<0.001	29
286742	0.016	1.97	137.0	14.3	8700	0.71	113.0	3.4	1.93	0.18	15.2	<0.001	32
286743	92.00	6.73	362.0	9.2	12	1130	24.8	189.0	23.9	204.0	80.0	0.684	17
286744	16.40	2.83	85.00	11.2	6.2	368.0	35.3	54.0	6.77	45.80	37.6	0.165	17
286745	0.040	0.17	9.37	15.1	2.5	134.5	21.4	14.2	2.60	5.32	25.9	0.024	5
287007	0.027	1.52	5.78	1050	188.5	5.75	137.5	669.0	3.41	1.38	9.9	<0.001	151
287008	0.098	0.44	17.60	131.5	451	6.27	385.0	16.0	2.59	0.94	18.0	<0.001	35
287009	0.079	0.46	18.10	792	205	2.10	240.0	43.1	3.93	1.08	10.3	<0.001	31
287011	1.135	12.95	22.70	75.7	6.88%	15.20	43.1	6.1	2.29	5.86	12.5	<0.001	4

7.26.3 Conclusions & Recommendations

Stammers (1988) recommended drill-testing of the Chalcocite Copper showing where previous sampling returned 1 m @ 10.5% Cu and 2130 ppb Au from rock samples. Soil sample 202566 located in the SW part of the Jazz claims warrants ground checking.

The majority of the regional uranium radiometric targets to the north and east of Thunder Mountain were ground checked and all seem to be explained by high background uranium within Quartet Group sedimentary rocks. Some may be caused by topographic effects. Soil geochemistry corroborates these observations with anomalous U assays corresponding to some radiometric anomalies.

The uranium mineralisation style at Thunder Mountain are similar to that the Jazz but with higher gold grades. Only a small area has been mapped in detail but further grid based mapping and geochemical sampling should be completed over the rest of the breccia prior to drilling. Sampling should be focused on the north-northeast trending Fe-oxide-jarosite-silica altered zones. Trenching could be considered through the areas obscured by talus immediately north along strike of the main U-Au-Ag bearing area. Alternatively, a single shallow drillhole could be collared and drilled under the outcrops immediately adjacent to the two areas of high grade samples. Additionally, the new Cu-Au-U soil anomaly in the eastern part of the claims warrants ground checking, the gap at the eastern end of this soil this line should be in filled and the line extended to the southeast.

8.0 AIRBORNE GEOPHYSICS

Bell Geospace of Houston, TX was contracted by Fronteer to conduct an airborne full tensor gravity gradiometer (Air-FTG®) survey over the project area. From September 19th to October 20th, 2006, Bell Geospace flew 4,184 line km of the proposed 7,819 line km survey (53.5%). The survey was terminated prior to its final completion due to increasingly bad weather conditions in the region. Specifics of this survey are presented in a detailed report prepared by the contractor (Selman, 2006) and included as Appendix E. Interpretation of this dataset is ongoing by independent consultants.

9.0 DISCUSSION AND CONCLUSIONS

In the 1970s and 1980s, the Wernecke Project area was predominantly explored with a focus on delineating uranium deposits. In the 1980s it was recognized that the area shares many geological similarities with the Stuart Shelf geological province of South Australia – host to the behemoth Olympic Dam Cu-U-Au-Ag deposit (Bell, 1982, 1986b). Of particular importance, both areas are characterized by regional-scale, discordant haematite breccia bodies associated with Cu-Au-Ag-U-Co mineralization. With advances in the understanding of IOCG deposits in the 1990s (e.g. Hitzman et al., 1992; Oreskes and Hitzman, 1993), Wernecke mineral exploration became focused on Cu-Au targets fitting this relatively new model. Much of the 1990s work, therefore, was focused on the Wernecke Breccias and during this cycle of exploration, approximately $5.5M was spent in the area looking for an Olympic Dam-style deposit. Uranium, although common as low-grade concentrations in IOCGs, was not thought of as a primary commodity. This work showed there to be widespread Cu-Au mineralization and great IOCG potential in the Wernecke Mountains. Despite this, little work was done in the area between 1997 and 2006.

The 2006 field program focused on the uranium potential given the renewed interest of uranium in the area and given new data that suggests the area may be prospective for unconformity-related uranium deposits (Hunt et al., 2006). The current program as described by this report, evaluated several target areas predominantly for uranium potential whereas the better-known IOCG targets (e.g. Hoover, Slab) were a secondary focus. Only basic, non-mechanical techniques such as mapping, soil sampling and prospecting aided by scintillometers were used. Targets were defined predominately based on airborne U radiometric anomalies and these were systematically evaluated. This report describes the results of this program and describes several of the 1990s IOCG target areas where appropriate. New uranium discoveries at three locations in 2006 – Fireweed, Thunder Mountain and Mica-Hail – indicate that there is potential for uranium mineralization in the area. Bonanza-grade gold discovered at Thunder Mountain may represent a new style of high-grade mineralization on the property. The uranium mineralization discovered or examined during the 2006 program is typically hosted by discrete fault or shear zone structures.

Given that uranium is mobile in a wide range of environments (including low temperature, alkaline and high salinity conditions) remobilization of uranium is expected, especially given the complex deformation history of the Wernecke Supergroup. The genesis of the structurally-controlled uranium mineralization described in this report is therefore equivocal – it is consistent with both IOCG-related and unconformity-type uranium mineralization. Remobilization of uranium from either deposit type could explain the observed fault and shear zone-hosted uranium. In this way, the hypothesis that unconformity-type uranium deposits exist in the Wernecke area is still viable and this target type is still worthy of follow-up. Indeed, structurally-controlled uranium could evolve as an economical target in its own right given indications for high-grade mineralization such as at Fireweed where 88 float boulders over a 400 by 200 m area, averaged 0.23 U_3O_8 and returned a maximum value of 4.8% U_3O_8. These structures should be explored in the same way as other structurally-controlled hydrothermal systems. As such, structural intersections, splays, lithological contacts, physical or chemical heterogeneities and dilational jogs could all form targets for increased tonnage or grade.

Although no definitive unconformity-related uranium mineralization was identified, future programs should be cognizant of the regional unconformity between lower and middle Proterozoic rocks. The

structurally-controlled uranium mineralization so far delineated may be remobilized from larger, possibly unconformity-type deposits.

Widespread IOCG-related mineralization was recognized in the 1990s (Caulfield et al., 1995a) and these targets are still valid. Many follow up recommendations from the earlier work remain untested. The most significant of the IOCG targets lie on the northeastern edge of the Bonnet Plume valley. Drilling in the Hoover Central Zone intersected 126.72 m @ 0.44% Cu; 12 km to the southeast, holes on the Slab Mountain and Slab Northwest zones hit up to 110.05 m @ 0.30% Cu.

An exploration program of diamond drilling, trenching, mapping, prospecting, soil sampling, and airborne geophysics is recommended for the Werneckes Project, focused on several individual properties. A four-month program with two drills (one lightweight and one heavier), a small excavator and geological crew for surface work is recommended. Scintillometer prospecting within airborne radiometric anomalies is an effective exploration method. Generally, float and outcrop revealed elevated scintillometer counts within airborne anomalies. It was noted that, in general, the Quartet Group has elevated background uranium as evidenced by scintillometer readings.

The airborne gravity dataset covers a large portion of the belt and once interpreted, will provide a very useful tool for developing drill targets for both the IOCG and uranium targets.

Respectfully submitted,

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Appendix B: Claim Data

Claim	Grant	NTS	Record Date	Expiry Date	Claim	Grant	NTS	Record Date	Expiry Date
Arch Property					**Nuck Property**				
BP 3	YC47732	106D16	4/18/2006	12/31/2011	Nuck 1	YC42425	106D16	11/23/2005	12/31/2010
BP 4	YC47733	106D16	4/18/2006	12/31/2011	Nuck 2	YC42426	106D16	11/23/2005	12/31/2010
BP 5	YC47734	106D16	4/18/2006	12/31/2011	Nuck 3	YC42427	106D16	11/23/2005	12/31/2010
BP 6	YC47735	106D16	4/18/2006	12/31/2011	Nuck 4	YC42428	106D16	11/23/2005	12/31/2010
BP 7	YC47736	106D16	4/18/2006	12/31/2011	Nuck 5	YC42429	106D16	11/23/2005	12/31/2010
BP 8	YC47737	106D16	4/18/2006	12/31/2011	Nuck 6	YC42430	106D16	11/23/2005	12/31/2010
BP 9	YC47738	106D16	4/18/2006	12/31/2011	Nuck 7	YC42431	106D16	11/23/2005	12/31/2010
BP 10	YC47739	106D16	4/18/2006	12/31/2011	Nuck 8	YC42432	106D16	11/23/2005	12/31/2010
BP 11	YC47740	106D16	4/18/2006	12/31/2011	Nuck 9	YC42433	106D16	11/23/2005	12/31/2010
BP 12	YC47741	106D16	4/18/2006	12/31/2011	Nuck 10	YC42434	106D16	11/23/2005	12/31/2010
BP 13	YC47742	106D16	4/18/2006	12/31/2011	Nuck 11	YC42435	106D16	11/23/2005	12/31/2010
BP 14	YC47743	106D16	4/18/2006	12/31/2011	Nuck 12	YC42436	106D16	11/23/2005	12/31/2010
BP 15	YC47744	106D16	4/18/2006	12/31/2011	Nuck 13	YC42437	106D16	11/23/2005	12/31/2010
BP 16	YC47745	106D16	4/18/2006	12/31/2011	Nuck 14	YC42438	106D16	11/23/2005	12/31/2010
BP 17	YC47746	106D16	4/18/2006	12/31/2011	Nuck 15	YC42439	106D16	11/23/2005	12/31/2010
BP 18	YC47747	106D16	4/18/2006	12/31/2011	Nuck 16	YC42440	106D16	11/23/2005	12/31/2010
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BP 20	YC47749	106D16	4/18/2006	12/31/2011	Nuck 18	YC42442	106D16	11/23/2005	12/31/2010
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BP 22	YC47751	106D16	4/18/2006	12/31/2011	Nuck 20	YC42444	106D16	11/23/2005	12/31/2010
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BP 32	YC47761	106D16	4/18/2006	12/31/2011	Nuck 28	YC42452	106D16	11/23/2005	12/31/2010
BP 33	YC47762	106D16	4/18/2006	12/31/2011	**Olympic Property**				
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BP 35	YC47764	106D16	4/18/2006	12/31/2011	AO 2	YC42338	106C13	11/23/2005	12/31/2010
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Claim		Grant	NTS	Record Date	Expiry Date	Claim		Grant	NTS	Record Date	Expiry Date
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BP	103	YC47832	106D16	4/9/2006	12/31/2011	AO	66	YC42402	106C13	11/23/2005	12/31/2010
BP	104	YC47833	106D16	4/9/2006	12/31/2011	AO	67	YC42403	106C13	11/23/2005	12/31/2010
BP	105	YC47834	106D16	4/9/2006	12/31/2011	AO	68	YC42404	106C13	11/23/2005	12/31/2010
BP	106	YC47835	106D16	4/9/2006	12/31/2011	EQ	1	YC48750	106E02	7/18/2006	12/31/2011
BP	107	YC47836	106D16	4/9/2006	12/31/2011	EQ	2	YC48751	106E02	7/18/2006	12/31/2011
BP	108	YC47837	106D16	4/9/2006	12/31/2011	EQ	3	YC48752	106E02	7/18/2006	12/31/2011
BP	109	YC47838	106D16	4/9/2006	12/31/2011	EQ	4	YC48753	106E02	7/18/2006	12/31/2011
BP	110	YC47839	106D16	4/9/2006	12/31/2011	EQ	5	YC48754	106E02	7/18/2006	12/31/2011
BP	111	YC47840	106D16	4/9/2006	12/31/2011	EQ	6	YC48755	106E02	7/18/2006	12/31/2011
BP	112	YC47841	106D16	4/9/2006	12/31/2011	EQ	7	YC48756	106E02	7/18/2006	12/31/2011
Auks Property						EQ	8	YC48757	106E02	7/18/2006	12/31/2011
Auks	1	YB64035	106C13	6/2/1995	12/31/2011	EQ	9	YC48758	106E02	7/18/2006	12/31/2011
Auks	2	YB64036	106C13	6/2/1995	12/31/2011	EQ	10	YC48759	106E02	7/18/2006	12/31/2011

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Auks	3	YB64037	106C13	6/2/1995	12/31/2011
Auks	4	YB64038	106C13	6/2/1995	12/31/2011
Auks	5	YB64039	106C13	6/2/1995	12/31/2011
Auks	6	YB64040	106C13	6/2/1995	12/31/2011
Auks	7	YB64041	106C13	6/2/1995	12/31/2011
Auks	8	YB64042	106C13	6/2/1995	12/31/2011
Auks	9	YB64043	106C13	6/2/1995	12/31/2011
Auks	10	YB64044	106C13	6/2/1995	12/31/2011
Auks	11	YB64045	106C13	6/2/1995	12/31/2011
Auks	12	YB64046	106C13	6/2/1995	12/31/2011
Auks	13	YB64047	106C13	6/2/1995	12/31/2011
Auks	14	YB64048	106C13	6/2/1995	12/31/2011
Auks	15	YB64049	106C13	6/2/1995	12/31/2011
Auks	16	YB64050	106C13	6/2/1995	12/31/2011
Auks	17	YB64051	106C13	6/2/1995	12/31/2011
Auks	18	YB64052	106C13	6/2/1995	12/31/2011
Auks	19	YB64053	106C13	6/2/1995	12/31/2011
Auks	20	YB64054	106C13	6/2/1995	12/31/2011
Auks	21	YB64055	106C13	6/2/1995	12/31/2011
Auks	22	YB64056	106C13	6/2/1995	12/31/2011
Auks	23	YB64057	106C13	6/2/1995	12/31/2011
Auks	24	YB64058	106C13	6/2/1995	12/31/2011
Auks	25	YB64059	106C13	6/2/1995	12/31/2011
Auks	26	YB64060	106C13	6/2/1995	12/31/2011
Auks	27	YB64061	106C13	6/2/1995	12/31/2011
Auks	28	YB64062	106C13	6/2/1995	12/31/2011
Auks	29	YB64063	106C13	6/2/1995	12/31/2011
Auks	30	YB64064	106C13	6/2/1995	12/31/2011
Auks	31	YB64065	106C13	6/2/1995	12/31/2011
Auks	32	YB64066	106C13	6/2/1995	12/31/2011
Auks	33	YB64067	106C13	6/2/1995	12/31/2011
Auks	34	YB64068	106C13	6/2/1995	12/31/2011
Auks	35	YB64069	106C13	6/2/1995	12/31/2011
Auks	36	YB64070	106C13	6/2/1995	12/31/2011
Ball Property					
Ball	1	YC48670	106F04	7/18/2006	7/18/2007
Ball	2	YC48671	106F04	7/18/2006	7/18/2007
Ball	3	YC48672	106F04	7/18/2006	7/18/2007
Ball	4	YC48673	106F04	7/18/2006	7/18/2007
Ball	5	YC48674	106F04	7/18/2006	7/18/2007
Ball	6	YC48675	106E01	7/18/2006	7/18/2007
Ball	7	YC48676	106F04	7/18/2006	7/18/2007
Ball	8	YC48677	106F04	7/18/2006	7/18/2007
Ball	9	YC48678	106F04	7/18/2006	7/18/2007
Ball	10	YC48679	106F04	7/18/2006	7/18/2007
Ball	11	YC48680	106F04	7/18/2006	7/18/2007
Ball	12	YC48681	106F04	7/18/2006	7/18/2007
Ball	13	YC48682	106F04	7/18/2006	7/18/2007
Ball	14	YC48683	106F04	7/18/2006	7/18/2007
Ball	15	YC48684	106F04	7/18/2006	7/18/2007
Ball	16	YC48685	106F04	7/18/2006	7/18/2007
Ball	17	YC48686	106F04	7/18/2006	7/18/2007
Ball	18	YC48687	106F04	7/18/2006	7/18/2007
Ball	19	YC48688	106E01	7/18/2006	7/18/2007
EQ	11	YC48760	106E02	7/18/2006	12/31/2011
EQ	12	YC48761	106E02	7/18/2006	12/31/2011
EQ	13	YC48762	106E02	7/18/2006	12/31/2011
EQ	14	YC48763	106E02	7/18/2006	12/31/2011
EQ	15	YC48764	106E02	7/18/2006	12/31/2011
EQ	16	YC48765	106E02	7/18/2006	12/31/2011
EQ	17	YC48766	106E02	7/18/2006	12/31/2011
EQ	18	YC48767	106E02	7/18/2006	12/31/2011
EQ	19	YC48768	106E02	7/18/2006	12/31/2011
EQ	20	YC48769	106E02	7/18/2006	12/31/2011
Ping Property					
Ping	1	YC48614	106E01	7/18/2006	7/18/2007
Ping	2	YC48615	106E01	7/18/2006	7/18/2007
Ping	3	YC48616	106E01	7/18/2006	7/18/2007
Ping	4	YC48617	106E01	7/18/2006	7/18/2007
Ping	5	YC48618	106E01	7/18/2006	7/18/2007
Ping	6	YC48619	106E01	7/18/2006	7/18/2007
Ping	7	YC48620	106E01	7/18/2006	7/18/2007
Ping	8	YC48621	106E01	7/18/2006	7/18/2007
Ping	9	YC48622	106E01	7/18/2006	7/18/2007
Ping	10	YC48623	106E01	7/18/2006	7/18/2007
Ping	11	YC48624	106E01	7/18/2006	7/18/2007
Ping	12	YC48625	106E01	7/18/2006	7/18/2007
Ping	13	YC48626	106E01	7/18/2006	7/18/2007
Ping	14	YC48627	106E01	7/18/2006	7/18/2007
Ping	15	YC48628	106E01	7/18/2006	7/18/2007
Ping	16	YC48629	106E01	7/18/2006	7/18/2007
Ping	17	YC48630	106E01	7/18/2006	7/18/2007
Ping	18	YC48631	106E01	7/18/2006	7/18/2007
Ping	19	YC48632	106E01	7/18/2006	7/18/2007
Ping	20	YC48633	106E01	7/18/2006	7/18/2007
Ping	21	YC48634	106E01	7/18/2006	7/18/2007
Ping	22	YC48635	106E01	7/18/2006	7/18/2007
Ping	23	YC48636	106E01	7/18/2006	7/18/2007
Ping	24	YC48637	106E01	7/18/2006	7/18/2007
Ping	25	YC48638	106E01	7/18/2006	7/18/2007
Ping	26	YC48639	106E01	7/18/2006	7/18/2007
Ping	27	YC48640	106E01	7/18/2006	7/18/2007
Ping	28	YC48641	106E01	7/18/2006	7/18/2007
Ping	29	YC48642	106E01	7/18/2006	7/18/2007
Ping	30	YC48643	106E01	7/18/2006	7/18/2007
Ping	31	YC48644	106E01	7/18/2006	7/18/2007
Ping	32	YC48645	106E01	7/18/2006	7/18/2007
Ping	33	YC48646	106E01	7/18/2006	7/18/2007
Ping	34	YC48647	106E01	7/18/2006	7/18/2007
Ping	35	YC48648	106E01	7/18/2006	7/18/2007
Ping	36	YC48649	106E01	7/18/2006	7/18/2007
Pong Property					
Pong	1	YC48650	106E01	7/18/2006	7/18/2007
Pong	2	YC48651	106E01	7/18/2006	7/18/2007
Pong	3	YC48652	106E01	7/18/2006	7/18/2007
Pong	4	YC48653	106E01	7/18/2006	7/18/2007
Pong	5	YC48654	106E01	7/18/2006	7/18/2007
Pong	6	YC48655	106E01	7/18/2006	7/18/2007

Claim	Grant	NTS	Record Date	Expiry Date	Claim	Grant	NTS	Record Date	Expiry Date
Ball	20 YC48689	106E01	7/18/2006	7/18/2007	Pong	7 YC48656	106E01	7/18/2006	7/18/2007
Ball	21 YC48690	106F04	7/18/2006	7/18/2007	Pong	8 YC48657	106E01	7/18/2006	7/18/2007
Ball	22 YC48691	106F04	7/18/2006	7/18/2007	Pong	9 YC48658	106E01	7/18/2006	7/18/2007
Ball	23 YC48692	106F04	7/18/2006	7/18/2007	Pong	10 YC48659	106E01	7/18/2006	7/18/2007
Ball	24 YC48693	106F04	7/18/2006	7/18/2007	Pong	11 YC48660	106E01	7/18/2006	7/18/2007
Ball	25 YC48694	106F04	7/18/2006	7/18/2007	Pong	12 YC48661	106E01	7/18/2006	7/18/2007
Ball	26 YC48695	106F04	7/18/2006	7/18/2007	Pong	13 YC48662	106E01	7/18/2006	7/18/2007
Ball	27 YC48696	106F04	7/18/2006	7/18/2007	Pong	14 YC48663	106E01	7/18/2006	7/18/2007
Ball	28 YC48697	106F04	7/18/2006	7/18/2007	Pong	15 YC48664	106E01	7/18/2006	7/18/2007
Ball	29 YC48698	106F04	7/18/2006	7/18/2007	Pong	16 YC48665	106E01	7/18/2006	7/18/2007
Ball	30 YC48699	106F04	7/18/2006	7/18/2007	Pong	17 YC48666	106E01	7/18/2006	7/18/2007
Ball	31 YC48700	106F04	7/18/2006	7/18/2007	Pong	18 YC48667	106E01	7/18/2006	7/18/2007
Ball	32 YC48701	106F04	7/18/2006	7/18/2007	Pong	19 YC48668	106E01	7/18/2006	7/18/2007
Ball	33 YC48702	106F04	7/18/2006	7/18/2007	Pong	20 YC48669	106E01	7/18/2006	7/18/2007
Ball	34 YC48703	106F04	7/18/2006	7/18/2007	**RA Property**				
Ball	35 YC48704	106F04	7/18/2006	7/18/2007	RA	1 YC43488	106E01	4/18/2006	4/18/2007
Ball	36 YC48705	106F04	7/18/2006	7/18/2007	RA	2 YC43489	106E01	4/18/2006	4/18/2007
Ball	37 YC48706	106F04	7/18/2006	7/18/2007	RA	3 YC43490	106E01	4/18/2006	4/18/2007
Ball	38 YC48707	106F04	7/18/2006	7/18/2007	RA	4 YC43491	106E01	4/18/2006	4/18/2007
Ball	39 YC48708	106E01	7/18/2006	7/18/2007	RA	5 YC43492	106E01	4/18/2006	4/18/2007
Ball	40 YC48709	106E01	7/18/2006	7/18/2007	RA	6 YC43493	106E01	4/18/2006	4/18/2007
Ball	41 YC48710	106F04	7/18/2006	7/18/2007	RA	7 YC43494	106E01	4/18/2006	4/18/2007
Ball	42 YC48711	106F04	7/18/2006	7/18/2007	RA	8 YC43495	106E01	4/18/2006	4/18/2007
Ball	43 YC48712	106F04	7/18/2006	7/18/2007	RA	9 YC43496	106E01	4/18/2006	4/18/2007
Ball	44 YC48713	106F04	7/18/2006	7/18/2007	RA	10 YC43497	106E01	4/18/2006	4/18/2007
Ball	45 YC48714	106F04	7/18/2006	7/18/2007	RA	11 YC43498	106E01	4/18/2006	4/18/2007
Ball	46 YC48715	106F04	7/18/2006	7/18/2007	RA	12 YC43499	106E01	4/18/2006	4/18/2007
Ball	47 YC48716	106F04	7/18/2006	7/18/2007	RA	13 YC43500	106E01	4/18/2006	4/18/2007
Ball	48 YC48717	106F04	7/18/2006	7/18/2007	RA	14 YC47501	106E01	4/18/2006	4/18/2007
Ball	49 YC48718	106F04	7/18/2006	7/18/2007	RA	15 YC47502	106E01	4/18/2006	4/18/2007
Ball	50 YC48719	106F04	7/18/2006	7/18/2007	RA	16 YC47503	106E01	4/18/2006	4/18/2007
Ball	51 YC48720	106F04	7/18/2006	7/18/2007	RA	17 YC47504	106E08	4/18/2006	4/18/2007
Ball	52 YC48721	106F04	7/18/2006	7/18/2007	RA	18 YC47505	106E08	4/18/2006	4/18/2007
Ball	53 YC48722	106F04	7/18/2006	7/18/2007	RA	19 YC47506	106E08	4/18/2006	4/18/2007
Ball	54 YC48723	106F04	7/18/2006	7/18/2007	RA	20 YC47507	106E08	4/18/2006	4/18/2007
Ball	55 YC48724	106F04	7/18/2006	7/18/2007	RA	21 YC47508	106E08	4/18/2006	4/18/2007
Ball	56 YC48725	106F04	7/18/2006	7/18/2007	RA	22 YC47509	106E08	4/18/2006	4/18/2007
Ball	57 YC48726	106F04	7/18/2006	7/18/2007	RA	23 YC47510	106E01	4/18/2006	4/18/2007
Ball	58 YC48727	106F04	7/18/2006	7/18/2007	RA	24 YC47511	106E01	4/18/2006	4/18/2007
Ball	59 YC48728	106E01	7/18/2006	7/18/2007	RA	25 YC47512	106E01	4/18/2006	4/18/2007
Ball	60 YC48729	106E01	7/18/2006	7/18/2007	RA	26 YC47513	106E01	4/18/2006	4/18/2007
Ball	61 YC48730	106F04	7/18/2006	7/18/2007	RA	27 YC47514	106E01	4/18/2006	4/18/2007
Ball	62 YC48731	106F04	7/18/2006	7/18/2007	RA	28 YC47515	106E01	4/18/2006	4/18/2007
Ball	63 YC48732	106F04	7/18/2006	7/18/2007	RA	29 YC47516	106E01	4/18/2006	4/18/2007
Ball	64 YC48733	106F04	7/18/2006	7/18/2007	RA	30 YC47517	106E01	4/18/2006	4/18/2007
Ball	65 YC48734	106F04	7/18/2006	7/18/2007	RA	31 YC47518	106E01	4/18/2006	4/18/2007
Ball	66 YC48735	106F04	7/18/2006	7/18/2007	RA	32 YC47519	106E01	4/18/2006	4/18/2007
Ball	67 YC48736	106F04	7/18/2006	7/18/2007	RA	33 YC47520	106E01	4/18/2006	4/18/2007
Ball	68 YC48737	106F04	7/18/2006	7/18/2007	RA	34 YC47521	106E01	4/18/2006	4/18/2007
Ball	69 YC48738	106F04	7/18/2006	7/18/2007	RA	35 YC47522	106E01	4/18/2006	4/18/2007
Ball	70 YC48739	106F04	7/18/2006	7/18/2007	RA	36 YC47523	106E01	4/18/2006	4/18/2007
Ball	71 YC48740	106F04	7/18/2006	7/18/2007	RA	37 YC47524	106E01	4/18/2006	4/18/2007
Ball	72 YC48741	106F04	7/18/2006	7/18/2007	RA	38 YC47525	106E01	4/18/2006	4/18/2007
Ball	73 YC48742	106F04	7/18/2006	7/18/2007	RA	39 YC47526	106E08	4/18/2006	4/18/2007

Claim		Grant	NTS	Record Date	Expiry Date	Claim		Grant	NTS	Record Date	Expiry Date
Ball	74	YC48743	106F04	7/18/2006	7/18/2007	RA	40	YC47527	106E08	4/18/2006	4/18/2007
Ball	75	YC48744	106F04	7/18/2006	7/18/2007	RA	41	YC47528	106E08	4/18/2006	4/18/2007
Ball	76	YC48745	106F04	7/18/2006	7/18/2007	RA	42	YC47529	106E08	4/18/2006	4/18/2007
Ball	77	YC48746	106F04	7/18/2006	7/18/2007	RA	43	YC47530	106E08	4/18/2006	4/18/2007
Ball	78	YC48747	106F04	7/18/2006	7/18/2007	RA	44	YC47531	106E08	4/18/2006	4/18/2007
Ball	79	YC48748	106E01	7/18/2006	7/18/2007	RA	45	YC47532	106E01	4/18/2006	4/18/2007
Ball	80	YC48749	106E01	7/18/2006	7/18/2007	RA	46	YC47533	106E01	4/18/2006	4/18/2007
Caribou Property						RA	47	YC47534	106E01	4/18/2006	4/18/2007
EM	1	YC43424	106F04	4/18/2006	12/31/2009	RA	48	YC47535	106E01	4/18/2006	4/18/2007
EM	2	YC43425	106F04	4/18/2006	12/31/2009	RA	49	YC47536	106E01	4/18/2006	4/18/2007
EM	3	YC43426	106F04	4/18/2006	12/31/2009	RA	50	YC47537	106E01	4/18/2006	4/18/2007
EM	4	YC43427	106F04	4/18/2006	12/31/2009	RA	51	YC47538	106E01	4/18/2006	4/18/2007
EM	5	YC43428	106F04	4/18/2006	12/31/2009	RA	52	YC47539	106E01	4/18/2006	4/18/2007
EM	6	YC43429	106F04	4/18/2006	12/31/2009	RA	53	YC47540	106E01	4/18/2006	4/18/2007
EM	7	YC43430	106F04	4/18/2006	12/31/2008	RA	54	YC47541	106E01	4/18/2006	4/18/2007
EM	8	YC43431	106F04	4/18/2006	12/31/2008	RA	55	YC47542	106E01	4/18/2006	4/18/2007
EM	9	YC43432	106F04	4/18/2006	12/31/2008	RA	56	YC47543	106E01	4/18/2006	4/18/2007
EM	10	YC43433	106F04	4/18/2006	12/31/2008	RA	57	YC47544	106E01	4/18/2006	4/18/2007
EM	11	YC43434	106F04	4/18/2006	12/31/2008	RA	58	YC47545	106E01	4/18/2006	4/18/2007
EM	12	YC43435	106F04	4/18/2006	12/31/2009	RA	59	YC47546	106E01	4/18/2006	4/18/2007
EM	13	YC43436	106F04	4/18/2006	12/31/2008	RA	60	YC47547	106E01	4/18/2006	4/18/2007
EM	14	YC43437	106F04	4/18/2006	12/31/2009	RA	61	YC47548	106E08	4/18/2006	4/18/2007
EM	15	YC43438	106F04	4/18/2006	12/31/2008	RA	62	YC47549	106E08	4/18/2006	4/18/2007
EM	16	YC43439	106F04	4/18/2006	12/31/2008	RA	63	YC47550	106E08	4/18/2006	4/18/2007
EM	17	YC43440	106F04	4/18/2006	12/31/2009	RA	64	YC47551	106E08	4/18/2006	4/18/2007
EM	18	YC43441	106F04	4/18/2006	12/31/2009	RA	65	YC47552	106E08	4/18/2006	4/18/2007
EM	19	YC43442	106F04	4/18/2006	12/31/2009	RA	66	YC47553	106E08	4/18/2006	4/18/2007
EM	20	YC43443	106F04	4/18/2006	12/31/2009	**Radio Property**					
EM	21	YC43444	106F04	4/18/2006	12/31/2009	QU	1	YC47842	106E01	4/18/2006	12/31/2011
EM	22	YC43445	106F04	4/18/2006	12/31/2009	QU	2	YC47843	106E01	4/18/2006	12/31/2011
EM	23	YC43446	106F04	4/18/2006	12/31/2008	QU	3	YC47844	106E01	4/18/2006	12/31/2011
EM	24	YC43447	106F04	4/18/2006	12/31/2008	QU	4	YC47845	106E01	4/18/2006	12/31/2011
EM	25	YC43448	106F04	4/18/2006	12/31/2009	QU	5	YC47846	106E01	4/18/2006	12/31/2011
EM	26	YC43449	106F04	4/18/2006	12/31/2009	QU	6	YC47847	106E01	4/18/2006	12/31/2011
EM	27	YC43450	106F04	4/18/2006	12/31/2009	QU	7	YC47848	106E01	4/18/2006	12/31/2011
EM	28	YC43451	106F04	4/18/2006	12/31/2009	QU	8	YC47849	106E01	4/18/2006	12/31/2011
EM	29	YC43452	106F04	4/18/2006	12/31/2010	QU	9	YC47850	106E01	4/18/2006	12/31/2011
EM	30	YC43453	106F04	4/18/2006	12/31/2010	QU	10	YC47851	106E01	4/18/2006	12/31/2011
EM	31	YC43454	106F04	4/18/2006	12/31/2010	QU	11	YC47852	106E01	4/18/2006	12/31/2011
EM	32	YC43455	106F04	4/18/2006	12/31/2010	QU	12	YC47853	106E01	4/18/2006	12/31/2011
EM	33	YC43456	106F04	4/18/2006	12/31/2009	QU	13	YC47854	106E01	4/18/2006	12/31/2011
EM	34	YC43457	106F04	4/18/2006	12/31/2009	QU	14	YC47855	106E01	4/18/2006	12/31/2011
EM	35	YC43458	106F04	4/18/2006	12/31/2009	QU	15	YC47856	106E01	4/18/2006	12/31/2011
EM	36	YC43459	106F04	4/18/2006	12/31/2009	QU	16	YC47857	106E01	4/18/2006	12/31/2011
EM	37	YC43460	106F04	4/18/2006	12/31/2009	QU	17	YC47858	106E01	4/18/2006	12/31/2011
EM	38	YC43461	106F04	4/18/2006	12/31/2009	QU	18	YC47859	106E01	4/18/2006	12/31/2011
EM	39	YC43462	106F04	4/18/2006	12/31/2008	QU	19	YC47860	106D16	4/18/2006	12/31/2011
EM	40	YC43463	106F04	4/18/2006	12/31/2008	QU	20	YC47861	106D16	4/18/2006	12/31/2011
EM	41	YC43464	106F04	4/18/2006	12/31/2009	QU	21	YC47862	106D16	4/18/2006	12/31/2011
EM	42	YC43465	106F04	4/18/2006	12/31/2009	QU	22	YC47863	106D16	4/18/2006	12/31/2011
EM	43	YC43466	106F04	4/18/2006	12/31/2010	QU	23	YC47864	106E01	4/18/2006	12/31/2011
EM	44	YC43467	106F04	4/18/2006	12/31/2010	QU	24	YC47865	106E01	4/18/2006	12/31/2011
EM	45	YC43468	106F04	4/18/2006	12/31/2010	QU	25	YC47866	106E01	4/18/2006	12/31/2011
EM	46	YC43469	106F04	4/18/2006	12/31/2010	QU	26	YC47867	106E01	4/18/2006	12/31/2011

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EM	47	YC43470	106F04	4/18/2006	12/31/2009	QU	27	YC47868	106E01	4/18/2006	12/31/2011
EM	48	YC43471	106F04	4/18/2006	12/31/2009	QU	28	YC47869	106E01	4/18/2006	12/31/2011
EM	49	YC43472	106F04	4/18/2006	12/31/2008	QU	29	YC47870	106E01	4/18/2006	12/31/2011
EM	50	YC43473	106F04	4/18/2006	12/31/2009	QU	30	YC47871	106E01	4/18/2006	12/31/2011
EM	51	YC43474	106F04	4/18/2006	12/31/2008	QU	31	YC47872	106E01	4/18/2006	12/31/2011
EM	52	YC43475	106F04	4/18/2006	12/31/2009	QU	32	YC47873	106E01	4/18/2006	12/31/2011
EM	53	YC43476	106F04	4/18/2006	12/31/2009	QU	33	YC47874	106E01	4/18/2006	12/31/2011
EM	54	YC43477	106F04	4/18/2006	12/31/2009	QU	34	YC47875	106E01	4/18/2006	12/31/2011
EM	55	YC43478	106F04	4/18/2006	12/31/2009	QU	35	YC47876	106E01	4/18/2006	12/31/2011
EM	56	YC43479	106F04	4/18/2006	12/31/2009	QU	36	YC47877	106E01	4/18/2006	12/31/2011
EM	57	YC43480	106F04	4/18/2006	12/31/2009	QU	37	YC47878	106D16	4/18/2006	12/31/2011
EM	58	YC43481	106F04	4/18/2006	12/31/2009	QU	38	YC47879	106D16	4/18/2006	12/31/2011
EM	59	YC43482	106F04	4/18/2006	12/31/2009	QU	39	YC47880	106D16	4/18/2006	12/31/2011
EM	60	YC43483	106F04	4/18/2006	12/31/2009	QU	40	YC47881	106D16	4/18/2006	12/31/2011
EM	61	YC43484	106F04	4/18/2006	12/31/2009	QU	41	YC47882	106D16	4/18/2006	12/31/2011
EM	62	YC43485	106F04	4/18/2006	12/31/2009	QU	42	YC47883	106D16	4/18/2006	12/31/2011
EM	63	YC43486	106F04	4/18/2006	12/31/2009	QU	43	YC47884	106E01	4/18/2006	12/31/2011
EM	64	YC43487	106F04	4/18/2006	12/31/2009	QU	44	YC47885	106E01	4/18/2006	12/31/2011
Dobby Property						QU	45	YC47886	106E01	4/18/2006	12/31/2011
D	1	YC42245	106C14	11/23/2005	12/31/2010	QU	46	YC47887	106E01	4/18/2006	12/31/2011
D	2	YC42246	106C14	11/23/2005	12/31/2010	QU	47	YC47888	106E01	4/18/2006	12/31/2011
D	3	YC42247	106C14	11/23/2005	12/31/2010	QU	48	YC47889	106E01	4/18/2006	12/31/2011
D	4	YC42248	106C14	11/23/2005	12/31/2010	QU	49	YC47890	106E01	4/18/2006	12/31/2011
D	5	YC42249	106C14	11/23/2005	12/31/2010	QU	50	YC47891	106E01	4/18/2006	12/31/2011
D	6	YC42250	106C14	11/23/2005	12/31/2010	QU	51	YC47892	106E01	4/18/2006	12/31/2011
D	7	YC42251	106C14	11/23/2005	12/31/2010	QU	52	YC47893	106E01	4/18/2006	12/31/2011
D	8	YC42252	106C14	11/23/2005	12/31/2010	QU	53	YC47894	106E01	4/18/2006	12/31/2011
D	9	YC42253	106C14	11/23/2005	12/31/2010	QU	54	YC47895	106E01	4/18/2006	12/31/2011
D	10	YC42254	106C14	11/23/2005	12/31/2010	QU	55	YC47896	106D16	4/18/2006	12/31/2011
D	11	YC42255	106C14	11/23/2005	12/31/2010	QU	56	YC47897	106D16	4/18/2006	12/31/2011
D	12	YC42256	106C14	11/23/2005	12/31/2010	QU	57	YC47898	106D16	4/18/2006	12/31/2011
D	13	YC42257	106C14	11/23/2005	12/31/2010	QU	58	YC47899	106D16	4/18/2006	12/31/2011
D	14	YC42258	106C14	11/23/2005	12/31/2010	QU	59	YC47900	106D16	4/18/2006	12/31/2011
D	15	YC42259	106C14	11/23/2005	12/31/2010	QU	60	YC47901	106D16	4/18/2006	12/31/2011
D	16	YC42260	106C14	11/23/2005	12/31/2010	QU	61	YC47902	106D16	4/18/2006	12/31/2011
D	17	YC42261	106C14	11/23/2005	12/31/2010	QU	62	YC47903	106D16	4/18/2006	12/31/2011
D	18	YC42262	106C14	11/23/2005	12/31/2010	QU	63	YC47904	106D16	4/18/2006	12/31/2011
D	19	YC42263	106C14	11/23/2005	12/31/2010	QU	64	YC47905	106D16	4/18/2006	12/31/2011
D	20	YC42264	106C14	11/23/2005	12/31/2010	QU	65	YC47906	106E01	4/18/2006	12/31/2011
Elly Property						QU	66	YC47907	106E01	4/18/2006	12/31/2011
SM	1	YC43324	106F03	4/18/2006	12/31/2010	QU	67	YC47908	106E01	4/18/2006	12/31/2011
SM	2	YC43325	106F03	4/18/2006	12/31/2010	QU	68	YC47909	106E01	4/18/2006	12/31/2011
SM	3	YC43326	106F03	4/18/2006	12/31/2010	QU	69	YC47910	106E01	4/18/2006	12/31/2011
SM	4	YC43327	106F03	4/18/2006	12/31/2010	QU	70	YC47911	106E01	4/18/2006	12/31/2011
SM	5	YC43328	106F03	4/18/2006	12/31/2010	QU	71	YC47912	106E01	4/18/2006	12/31/2011
SM	6	YC43329	106F03	4/18/2006	12/31/2010	QU	72	YC47913	106E01	4/18/2006	12/31/2011
SM	7	YC43330	106F03	4/18/2006	12/31/2010	QU	73	YC47914	106E01	4/18/2006	12/31/2011
SM	8	YC43331	106F03	4/18/2006	12/31/2010	QU	74	YC47915	106E01	4/18/2006	12/31/2011
SM	9	YC43332	106F03	4/18/2006	12/31/2010	QU	75	YC47916	106E01	4/18/2006	12/31/2011
SM	10	YC43333	106F03	4/18/2006	12/31/2010	QU	76	YC47917	106E01	4/18/2006	12/31/2011
SM	11	YC43334	106F03	4/18/2006	12/31/2010	QU	77	YC47918	106E01	4/18/2006	12/31/2011
SM	12	YC43335	106F03	4/18/2006	12/31/2010	QU	78	YC47919	106E01	4/18/2006	12/31/2011
SM	13	YC43336	106F03	4/18/2006	12/31/2010	QU	79	YC47920	106E01	4/18/2006	12/31/2011
SM	14	YC43337	106F03	4/18/2006	12/31/2010	QU	80	YC47921	106E01	4/18/2006	12/31/2011

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SM	15	YC43338	106F03	4/18/2006	12/31/2010	QU	81	YC47922	106D16	4/18/2006	12/31/2011
SM	16	YC43339	106F03	4/18/2006	12/31/2010	QU	82	YC47923	106D16	4/18/2006	12/31/2011
SM	17	YC43340	106F03	4/18/2006	12/31/2010	QU	83	YC47924	106D16	4/18/2006	12/31/2011
SM	18	YC43341	106F03	4/18/2006	12/31/2010	QU	84	YC47925	106D16	4/18/2006	12/31/2011
SM	19	YC43342	106F03	4/18/2006	12/31/2010	QU	85	YC47926	106D16	4/18/2006	12/31/2011
SM	20	YC43343	106F03	4/18/2006	12/31/2010	QU	86	YC47927	106D16	4/18/2006	12/31/2011
SM	21	YC43344	106F03	4/18/2006	12/31/2010	QU	87	YC47928	106D16	4/18/2006	12/31/2011
SM	22	YC43345	106F03	4/18/2006	12/31/2010	QU	88	YC47929	106D16	4/18/2006	12/31/2011
SM	23	YC43346	106F03	4/18/2006	12/31/2010	QU	89	YC47930	106D16	4/18/2006	12/31/2011
SM	24	YC43347	106F03	4/18/2006	12/31/2010	QU	90	YC47931	106D16	4/18/2006	12/31/2011
SM	25	YC43348	106F03	4/18/2006	12/31/2010	QU	91	YC47932	106D16	4/18/2006	12/31/2011
SM	26	YC43349	106F03	4/18/2006	12/31/2010	QU	92	YC47933	106D16	4/18/2006	12/31/2011
SM	27	YC43350	106F03	4/18/2006	12/31/2010	QU	93	YC47934	106D16	4/18/2006	12/31/2011
SM	28	YC43351	106F03	4/18/2006	12/31/2010	QU	94	YC47935	106D16	4/18/2006	12/31/2011
SM	29	YC43352	106F03	4/18/2006	12/31/2010	QU	95	YC47936	106E01	4/18/2006	12/31/2011
SM	30	YC43353	106F03	4/18/2006	12/31/2010	QU	96	YC47937	106E01	4/18/2006	12/31/2011
SM	31	YC43354	106F03	4/18/2006	12/31/2010	QU	97	YC47938	106E01	4/18/2006	12/31/2011
SM	32	YC43355	106F03	4/18/2006	12/31/2010	QU	98	YC47939	106E01	4/18/2006	12/31/2011
SM	33	YC43356	106F03	4/18/2006	12/31/2010	QU	99	YC47940	106E01	4/18/2006	12/31/2011
SM	34	YC43357	106F03	4/18/2006	12/31/2010	QU	100	YC47941	106E01	4/18/2006	12/31/2011
SM	35	YC43358	106F03	4/18/2006	12/31/2010	QU	101	YC47942	106E01	4/18/2006	12/31/2011
SM	36	YC43359	106F03	4/18/2006	12/31/2010	QU	102	YC47943	106E01	4/18/2006	12/31/2011
SM	37	YC43360	106F03	4/18/2006	12/31/2010	QU	103	YC47944	106E01	4/18/2006	12/31/2011
SM	38	YC43361	106F03	4/18/2006	12/31/2010	QU	104	YC47945	106E01	4/18/2006	12/31/2011
SM	39	YC43362	106F03	4/18/2006	12/31/2010	QU	105	YC47946	106E01	4/18/2006	12/31/2011
SM	40	YC43363	106F03	4/18/2006	12/31/2010	QU	106	YC47947	106E01	4/18/2006	12/31/2011
Face Property						QU	107	YC47948	106E01	4/18/2006	12/31/2011
Face	1	YC42453	106D16	11/23/2005	12/31/2008	QU	108	YC47949	106E01	4/18/2006	12/31/2011
Face	2	YC42454	106D16	11/23/2005	12/31/2008	QU	109	YC47950	106E01	4/18/2006	12/31/2011
Face	3	YC42455	106D16	11/23/2005	12/31/2008	QU	110	YC47951	106E01	4/18/2006	12/31/2011
Face	4	YC42456	106D16	11/23/2005	12/31/2008	QU	111	YC47952	106E01	4/18/2006	12/31/2011
Face	5	YC42457	106D16	11/23/2005	12/31/2008	QU	112	YC47953	106E01	4/18/2006	12/31/2011
Face	6	YC42458	106D16	11/23/2005	12/31/2008	QU	113	YC47954	106E01	4/18/2006	12/31/2011
Face	7	YC42459	106D16	11/23/2005	12/31/2008	QU	114	YC47955	106E01	4/18/2006	12/31/2011
Face	8	YC42460	106D16	11/23/2005	12/31/2008	QU	115	YC47956	106E01	4/18/2006	12/31/2011
Face	9	YC42461	106D16	11/23/2005	12/31/2007	QU	116	YC47957	106E01	4/18/2006	12/31/2011
Face	10	YC42462	106D16	11/23/2005	12/31/2007	QU	117	YC47958	106E01	4/18/2006	12/31/2011
Face	11	YC42463	106D16	11/23/2005	12/31/2008	QU	118	YC47959	106E01	4/18/2006	12/31/2011
Face	12	YC42464	106D16	11/23/2005	12/31/2008	QU	119	YC47960	106E01	4/18/2006	12/31/2011
Face	13	YC42465	106D16	11/23/2005	12/31/2008	QU	120	YC47961	106E01	4/18/2006	12/31/2011
Face	14	YC42466	106D16	11/23/2005	12/31/2008	QU	121	YC47962	106E01	4/18/2006	12/31/2011
Face	15	YC42467	106D16	11/23/2005	12/31/2008	QU	122	YC47963	106E01	4/18/2006	12/31/2011
Face	16	YC42468	106D16	11/23/2005	12/31/2007	QU	123	YC47964	106E01	4/18/2006	12/31/2011
Face	17	YC42469	106D16	11/23/2005	12/31/2007	QU	124	YC47965	106E01	4/18/2006	12/31/2011
Face	18	YC42470	106D16	11/23/2005	12/31/2007	QU	125	YC47966	106E01	4/18/2006	12/31/2011
Face	19	YC42471	106D16	11/23/2005	12/31/2007	QU	126	YC47967	106E01	4/18/2006	12/31/2011
Face	20	YC42472	106D16	11/23/2005	12/31/2007	QU	127	YC47968	106E01	4/18/2006	12/31/2011
Fair Property						QU	128	YC47969	106E01	4/18/2006	12/31/2011
FC	1	YC42265	106C13	11/23/2005	12/31/2010	QU	129	YC47970	106E01	4/18/2006	12/31/2011
FC	2	YC42266	106C13	11/23/2005	12/31/2010	QU	130	YC47971	106E01	4/18/2006	12/31/2011
FC	3	YC42267	106C13	11/23/2005	12/31/2010	QU	131	YC47972	106E01	4/18/2006	12/31/2011
FC	4	YC42268	106C13	11/23/2005	12/31/2010	QU	132	YC47973	106E01	4/18/2006	12/31/2011
FC	5	YC42269	106C13	11/23/2005	12/31/2010	SD	1	YC43190	106E01	4/18/2006	12/31/2011
FC	6	YC42270	106C13	11/23/2005	12/31/2010	SD	2	YC43191	106E01	4/18/2006	12/31/2011

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FC	7	YC42271	106C13	11/23/2005	12/31/2010
FC	8	YC42272	106C13	11/23/2005	12/31/2010
FC	9	YC42273	106C13	11/23/2005	12/31/2010
FC	10	YC42274	106C13	11/23/2005	12/31/2010
FC	11	YC42275	106C13	11/23/2005	12/31/2010
FC	12	YC42276	106C13	11/23/2005	12/31/2010
FC	13	YC42277	106C13	11/23/2005	12/31/2010
FC	14	YC42278	106C13	11/23/2005	12/31/2010
FC	15	YC42279	106C13	11/23/2005	12/31/2010
FC	16	YC42280	106C13	11/23/2005	12/31/2010
FC	17	YC42281	106C13	11/23/2005	12/31/2010
FC	18	YC42282	106C13	11/23/2005	12/31/2010
FC	19	YC42283	106C13	11/23/2005	12/31/2010
FC	20	YC42284	106C13	11/23/2005	12/31/2010
FC	21	YC42285	106C13	11/23/2005	12/31/2010
FC	22	YC42286	106C13	11/23/2005	12/31/2010
FC	23	YC42287	106C13	11/23/2005	12/31/2010
FC	24	YC42288	106C13	11/23/2005	12/31/2010
Fireweed Property					
BZ	1	YC54501	106E01	9/5/2006	12/31/2011
BZ	2	YC54502	106E01	9/5/2006	12/31/2011
BZ	3	YC54503	106E01	9/5/2006	12/31/2011
BZ	4	YC54504	106E01	9/5/2006	12/31/2011
BZ	5	YC54505	106E01	9/5/2006	12/31/2011
BZ	6	YC54506	106E01	9/5/2006	12/31/2011
BZ	7	YC54507	106E01	9/5/2006	12/31/2011
BZ	8	YC54508	106E01	9/5/2006	12/31/2011
BZ	9	YC54509	106E01	9/5/2006	12/31/2011
BZ	10	YC54510	106E01	9/5/2006	12/31/2011
BZ	11	YC54511	106E01	9/5/2006	12/31/2011
BZ	12	YC54512	106E01	9/5/2006	12/31/2010
BZ	13	YC54513	106E01	9/5/2006	12/31/2010
BZ	14	YC54514	106E01	9/5/2006	12/31/2010
BZ	15	YC54515	106E01	9/5/2006	12/31/2010
BZ	16	YC54516	106E01	9/5/2006	12/31/2010
BZ	17	YC54517	106E01	9/5/2006	12/31/2010
BZ	18	YC54518	106E01	9/5/2006	12/31/2010
BZ	19	YC54519	106E01	9/5/2006	12/31/2010
BZ	20	YC54520	106E01	9/5/2006	12/31/2010
BZ	21	YC54521	106E01	9/5/2006	12/31/2010
BZ	22	YC54522	106E01	9/5/2006	12/31/2010
BZ	23	YC54523	106E01	9/5/2006	12/31/2010
BZ	24	YC54524	106E01	9/5/2006	12/31/2010
BZ	25	YC54525	106E01	9/5/2006	12/31/2010
BZ	26	YC54526	106E01	9/5/2006	12/31/2010
BZ	27	YC54527	106E01	9/5/2006	12/31/2010
BZ	28	YC54528	106E01	9/5/2006	12/31/2010
BZ	29	YC54529	106E01	9/5/2006	12/31/2010
BZ	30	YC54530	106E01	9/5/2006	12/31/2010
BZ	31	YC54531	106E01	9/5/2006	12/31/2010
BZ	32	YC54532	106E01	9/5/2006	12/31/2010
BZ	33	YC54533	106E01	9/5/2006	12/31/2010
BZ	34	YC54534	106E01	9/5/2006	12/31/2010
BZ	35	YC54535	106E01	9/5/2006	12/31/2010
SD	3	YC43192	106E01	4/18/2006	12/31/2011
SD	4	YC43193	106E01	4/18/2006	12/31/2011
SD	5	YC43194	106E01	4/18/2006	12/31/2011
SD	6	YC43195	106E01	4/18/2006	12/31/2011
SD	7	YC43196	106E01	4/18/2006	12/31/2011
SD	8	YC43197	106E01	4/18/2006	12/31/2011
SD	9	YC43198	106E01	4/18/2006	12/31/2011
SD	10	YC43199	106E01	4/18/2006	12/31/2011
SD	11	YC43200	106E01	4/18/2006	12/31/2011
SD	12	YC43201	106E01	4/18/2006	12/31/2011
SD	13	YC43202	106E01	4/18/2006	12/31/2011
SD	14	YC43203	106E01	4/18/2006	12/31/2011
SD	15	YC43204	106E01	4/18/2006	12/31/2011
SD	16	YC43205	106E01	4/18/2006	12/31/2011
SD	17	YC43206	106E01	4/18/2006	12/31/2011
SD	18	YC43207	106E01	4/18/2006	12/31/2011
SD	19	YC43208	106E01	4/18/2006	12/31/2011
SD	20	YC43209	106E01	4/18/2006	12/31/2011
SD	21	YC43210	106E01	4/18/2006	12/31/2011
SD	22	YC43211	106E01	4/18/2006	12/31/2011
SD	23	YC43212	106E01	4/18/2006	12/31/2011
SD	24	YC43213	106E01	4/18/2006	12/31/2011
Reid Property					
AF	1	YC47634	106D16	4/18/2006	12/31/2011
AF	2	YC47635	106D16	4/18/2006	12/31/2011
AF	3	YC47636	106D16	4/18/2006	12/31/2011
AF	4	YC47637	106D16	4/18/2006	12/31/2011
AF	5	YC47638	106D16	4/18/2006	12/31/2011
AF	6	YC47639	106D16	4/18/2006	12/31/2011
AF	7	YC47640	106D16	4/18/2006	12/31/2011
AF	8	YC47641	106D16	4/18/2006	12/31/2011
AF	9	YC47642	106D16	4/18/2006	12/31/2011
AF	10	YC47643	106D16	4/18/2006	12/31/2011
AF	11	YC47644	106D16	4/18/2006	12/31/2011
AF	12	YC47645	106D16	4/18/2006	12/31/2011
AF	13	YC47646	106D16	4/18/2006	12/31/2011
AF	14	YC47647	106D16	4/18/2006	12/31/2011
AF	15	YC47648	106D16	4/18/2006	12/31/2011
AF	16	YC47649	106D16	4/18/2006	12/31/2011
AF	17	YC47650	106D16	4/18/2006	12/31/2011
AF	18	YC47651	106D16	4/18/2006	12/31/2011
AF	19	YC47652	106D16	4/18/2006	12/31/2011
AF	20	YC47653	106D16	4/18/2006	12/31/2011
AF	21	YC47654	106D16	4/18/2006	12/31/2011
AF	22	YC47655	106D16	4/18/2006	12/31/2011
AF	23	YC47656	106D16	4/18/2006	12/31/2011
AF	24	YC47657	106D16	4/18/2006	12/31/2011
AF	25	YC47658	106D16	4/18/2006	12/31/2011
AF	26	YC47659	106D16	4/18/2006	12/31/2011
AF	27	YC47660	106D16	4/18/2006	12/31/2011
AF	28	YC47661	106D16	4/18/2006	12/31/2011
AF	29	YC47662	106D16	4/18/2006	12/31/2011
AF	30	YC47663	106D16	4/18/2006	12/31/2011
AF	31	YC47664	106D16	4/18/2006	12/31/2011

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ME	1 YC54710	106E01	11/3/2006	11/3/2007	AF	33 YC47666	106D16	4/18/2006	12/31/2011
ME	2 YC54711	106E01	11/3/2006	11/3/2007	AF	34 YC47667	106D16	4/18/2006	12/31/2011
ME	3 YC54712	106E01	11/3/2006	11/3/2007	AF	35 YC47668	106D16	4/18/2006	12/31/2011
ME	4 YC54713	106E01	11/3/2006	11/3/2007	AF	36 YC47669	106D16	4/18/2006	12/31/2011
ME	5 YC54714	106E01	11/3/2006	11/3/2007	AF	37 YC47670	106D16	4/18/2006	12/31/2011
ME	6 YC54715	106E01	11/3/2006	11/3/2007	AF	38 YC47671	106D16	4/18/2006	12/31/2011
ME	7 YC54716	106E01	11/3/2006	11/3/2007	AF	39 YC47672	106D16	4/18/2006	12/31/2011
ME	8 YC54717	106E01	11/3/2006	11/3/2007	AF	40 YC47673	106D16	4/18/2006	12/31/2011
ME	9 YC54718	106E01	11/3/2006	11/3/2007	AF	41 YC47674	106D16	4/18/2006	12/31/2011
ME	10 YC54719	106E01	11/3/2006	11/3/2007	AF	42 YC47675	106D16	4/18/2006	12/31/2011
ME	11 YC54720	106E01	11/3/2006	11/3/2007	AF	43 YC47676	106D16	4/18/2006	12/31/2011
ME	12 YC54721	106E01	11/3/2006	11/3/2007	AF	44 YC47677	106D16	4/18/2006	12/31/2011
ME	13 YC54722	106E01	11/3/2006	11/3/2007	AF	45 YC47678	106D16	4/18/2006	12/31/2011
ME	14 YC54723	106E01	11/3/2006	11/3/2007	AF	46 YC47679	106D16	4/18/2006	12/31/2011
ME	15 YC54724	106E01	11/3/2006	11/3/2007	AF	47 YC47680	106D16	4/18/2006	12/31/2011
ME	16 YC54725	106E01	11/3/2006	11/3/2007	AF	48 YC47681	106D16	4/18/2006	12/31/2011
ME	17 YC54726	106E01	11/3/2006	11/3/2007	AF	49 YC47682	106D16	4/18/2006	12/31/2011
ME	18 YC54727	106E01	11/3/2006	11/3/2007	AF	50 YC47683	106D16	4/18/2006	12/31/2011
R	1 YC42289	106E01	11/23/2005	12/31/2010	AF	51 YC47684	106D16	4/18/2006	12/31/2011
R	2 YC42290	106E01	11/23/2005	12/31/2010	AF	52 YC47685	106D16	4/18/2006	12/31/2011
R	3 YC42291	106E01	11/23/2005	12/31/2010	AF	53 YC47686	106D16	4/18/2006	12/31/2011
R	4 YC42292	106E01	11/23/2005	12/31/2010	AF	54 YC47687	106D16	4/18/2006	12/31/2011
R	5 YC42293	106E01	11/23/2005	12/31/2010	AF	55 YC47688	106D16	4/18/2006	12/31/2011
R	6 YC42294	106E01	11/23/2005	12/31/2010	AF	56 YC47689	106D16	4/18/2006	12/31/2011
R	7 YC42295	106E01	11/23/2005	12/31/2010	AF	57 YC47690	106D16	4/18/2006	12/31/2011
R	8 YC42296	106E01	11/23/2005	12/31/2010	AF	58 YC47691	106D16	4/18/2006	12/31/2011
R	9 YC42297	106E01	11/23/2005	12/31/2010	AF	59 YC47692	106D16	4/18/2006	12/31/2011
R	10 YC42298	106E01	11/23/2005	12/31/2010	AF	60 YC47693	106D16	4/18/2006	12/31/2011
R	11 YC42299	106E01	11/23/2005	12/31/2010	AF	61 YC47694	106D16	4/18/2006	12/31/2011
R	12 YC42300	106E01	11/23/2005	12/31/2010	AF	62 YC47695	106D16	4/18/2006	12/31/2011
R	13 YC42301	106E01	11/23/2005	12/31/2010	AF	63 YC47696	106D16	4/18/2006	12/31/2011
R	14 YC42302	106E01	11/23/2005	12/31/2010	AF	64 YC47697	106D16	4/18/2006	12/31/2011
R	15 YC42303	106E01	11/23/2005	12/31/2010	AF	65 YC47698	106D16	4/18/2006	12/31/2011
R	16 YC42304	106E01	11/23/2005	12/31/2010	AF	66 YC47699	106D16	4/18/2006	12/31/2011
R	17 YC42305	106E01	11/23/2005	12/31/2010	AF	67 YC47700	106D16	4/18/2006	12/31/2011
R	18 YC42306	106E01	11/23/2005	12/31/2010	AF	68 YC47701	106D16	4/18/2006	12/31/2011
R	19 YC42307	106E01	11/23/2005	12/31/2010	AF	69 YC47702	106D16	4/18/2006	12/31/2011
R	20 YC42308	106E01	11/23/2005	12/31/2010	AF	70 YC47703	106D16	4/18/2006	12/31/2011
R	21 YC42309	106E01	11/23/2005	12/31/2010	AF	71 YC47704	106D16	4/18/2006	12/31/2011
R	22 YC42310	106E01	11/23/2005	12/31/2010	AF	72 YC47705	106D16	4/18/2006	12/31/2011
R	23 YC42311	106E01	11/23/2005	12/31/2010	AF	73 YC47706	106D16	4/18/2006	12/31/2011
R	24 YC42312	106E01	11/23/2005	12/31/2010	AF	74 YC47707	106D16	4/18/2006	12/31/2011
R	25 YC42313	106E01	11/23/2005	12/31/2010	AF	75 YC47708	106D16	4/18/2006	12/31/2011
R	26 YC42314	106E01	11/23/2005	12/31/2010	AF	76 YC47709	106D16	4/18/2006	12/31/2011
R	27 YC42315	106E01	11/23/2005	12/31/2010	AF	77 YC47710	106D16	4/18/2006	12/31/2011
R	28 YC42316	106E01	11/23/2005	12/31/2010	AF	78 YC47711	106D16	4/18/2006	12/31/2011
R	29 YC42317	106E01	11/23/2005	12/31/2010	AF	79 YC47712	106D16	4/18/2006	12/31/2011
R	30 YC42318	106E01	11/23/2005	12/31/2010	AF	80 YC47713	106D16	4/18/2006	12/31/2011
R	31 YC42319	106E01	11/23/2005	12/31/2010	AF	81 YC47714	106D16	4/18/2006	12/31/2011
R	32 YC42320	106E01	11/23/2005	12/31/2010	AF	82 YC47715	106D16	4/18/2006	12/31/2011
R	33 YC42321	106E01	11/23/2005	12/31/2010	AF	83 YC47716	106D16	4/18/2006	12/31/2011
R	34 YC42322	106E01	11/23/2005	12/31/2010	AF	84 YC47717	106D16	4/18/2006	12/31/2011
R	35 YC42323	106E01	11/23/2005	12/31/2010	AF	85 YC47718	106D16	4/18/2006	12/31/2011

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R	36	YC42324	106E01	11/23/2005	12/31/2010
R	37	YC42325	106E01	11/23/2005	12/31/2010
R	38	YC42326	106E01	11/23/2005	12/31/2010
R	39	YC42327	106E01	11/23/2005	12/31/2010
R	40	YC42328	106E01	11/23/2005	12/31/2010
R	41	YC42329	106E01	11/23/2005	12/31/2010
R	42	YC42330	106E01	11/23/2005	12/31/2010
R	43	YC42331	106E01	11/23/2005	12/31/2010
R	44	YC42332	106E01	11/23/2005	12/31/2010
R	45	YC42333	106E01	11/23/2005	12/31/2010
R	46	YC42334	106E01	11/23/2005	12/31/2010
R	47	YC42335	106E01	11/23/2005	12/31/2010
R	48	YC42336	106E01	11/23/2005	12/31/2010
Glacier Lake Property					
BF	1	YC47554	106C14	4/18/2006	12/31/2010
BF	2	YC47555	106C14	4/18/2006	12/31/2010
BF	3	YC47556	106C13	4/18/2006	12/31/2010
BF	4	YC47557	106C13	4/18/2006	12/31/2010
BF	5	YC47558	106C13	4/18/2006	12/31/2010
BF	6	YC47559	106C13	4/18/2006	12/31/2010
BF	7	YC47560	106C13	4/18/2006	12/31/2010
BF	8	YC47561	106C13	4/18/2006	12/31/2010
BF	9	YC47562	106C13	4/18/2006	12/31/2010
BF	10	YC47563	106C13	4/18/2006	12/31/2010
BF	11	YC47564	106C13	4/18/2006	12/31/2010
BF	12	YC47565	106C13	4/18/2006	12/31/2010
BF	13	YC47566	106C13	4/18/2006	12/31/2010
BF	14	YC47567	106C13	4/18/2006	12/31/2010
BF	15	YC47568	106C13	4/18/2006	12/31/2010
BF	16	YC47569	106C13	4/18/2006	12/31/2010
BF	17	YC47570	106C14	4/18/2006	12/31/2010
BF	18	YC47571	106C14	4/18/2006	12/31/2010
BF	19	YC47572	106C14	4/18/2006	12/31/2010
BF	20	YC47573	106C14	4/18/2006	12/31/2010
BF	21	YC47574	106C14	4/18/2006	12/31/2010
BF	22	YC47575	106C14	4/18/2006	12/31/2010
BF	23	YC47576	106C14	4/18/2006	12/31/2010
BF	24	YC47577	106C14	4/18/2006	12/31/2010
BF	25	YC47578	106C14	4/18/2006	12/31/2010
BF	26	YC47579	106C14	4/18/2006	12/31/2010
BF	27	YC47580	106C13	4/18/2006	12/31/2010
BF	28	YC47581	106C13	4/18/2006	12/31/2010
BF	29	YC47582	106C13	4/18/2006	12/31/2010
BF	30	YC47583	106C13	4/18/2006	12/31/2010
BF	31	YC47584	106C13	4/18/2006	12/31/2010
BF	32	YC47585	106C13	4/18/2006	12/31/2010
BF	33	YC47586	106C14	4/18/2006	12/31/2010
BF	34	YC47587	106C14	4/18/2006	12/31/2010
BF	35	YC47588	106C14	4/18/2006	12/31/2010
BF	36	YC47589	106C14	4/18/2006	12/31/2010
BF	37	YC47590	106C14	4/18/2006	12/31/2010
BF	38	YC47591	106C14	4/18/2006	12/31/2010
BF	39	YC47592	106C14	4/18/2006	12/31/2010
BF	40	YC47593	106C14	4/18/2006	12/31/2010
AF	86	YC47719	106D16	4/18/2006	12/31/2011
AF	87	YC47720	106D16	4/18/2006	12/31/2011
AF	88	YC47721	106D16	4/18/2006	12/31/2011
AF	89	YC47722	106D16	4/18/2006	12/31/2011
AF	90	YC47723	106D16	4/18/2006	12/31/2011
AF	91	YC47724	106D16	4/18/2006	12/31/2011
AF	92	YC47725	106D16	4/18/2006	12/31/2011
AF	93	YC47726	106D16	4/18/2006	12/31/2011
AF	94	YC47727	106D16	4/18/2006	12/31/2011
AF	95	YC47728	106D16	4/18/2006	12/31/2011
AF	96	YC47729	106D16	4/18/2006	12/31/2011
Slab Property					
Slab	1	YB28600	106D16	7/6/1992	12/31/2014
Slab	2	YB28601	106D16	7/6/1992	12/31/2014
Slab	3	YB28602	106D16	7/6/1992	12/31/2014
Slab	4	YB28603	106D16	7/6/1992	12/31/2014
Slab	5	YB28604	106D16	7/6/1992	12/31/2014
Slab	6	YB28605	106D16	7/6/1992	12/31/2014
Slab	7	YB28606	106D16	7/6/1992	12/31/2014
Slab	8	YB28607	106D16	7/6/1992	12/31/2013
Slab	9	YB28608	106D16	7/6/1992	12/31/2013
Slab	10	YB28609	106D16	7/6/1992	12/31/2012
Slab	11	YB28610	106D16	7/6/1992	12/31/2014
Slab	12	YB28611	106D16	7/6/1992	12/31/2014
Slab	13	YB28612	106D16	7/6/1992	12/31/2014
Slab	14	YB28613	106D16	7/6/1992	12/31/2013
Slab	15	YB28614	106C13	7/6/1992	12/31/2014
Slab	16	YB28615	106C13	7/6/1992	12/31/2013
Slab	17	YB28616	106C13	7/6/1992	12/31/2014
Slab	18	YB28617	106C13	7/6/1992	12/31/2013
Slab	19	YB28618	106C13	7/6/1992	12/31/2013
Slab	20	YB28619	106C13	7/6/1992	12/31/2013
Slab	21	YB28620	106C13	7/6/1992	12/31/2013
Slab	22	YB28621	106C13	7/6/1992	12/31/2012
Slab	23	YB28622	106D16	7/6/1992	12/31/2014
Slab	24	YB28623	106D16	7/6/1992	12/31/2014
Slab	25	YB28624	106C13	7/6/1992	12/31/2013
Slab	26	YB28625	106C13	7/6/1992	12/31/2013
Slab	27	YB28626	106D16	7/6/1992	12/31/2013
Slab	28	YB28627	106C13	7/6/1992	12/31/2013
Slab	29	YB28628	106C13	7/6/1992	12/31/2013
Slab	30	YB28629	106C13	7/6/1992	12/31/2013
Slab	31	YB28630	106C13	7/6/1992	12/31/2013
Slab	32	YB28631	106C13	7/6/1992	12/31/2013
Slab	33	YB28632	106C13	7/6/1992	12/31/2013
Slab	34	YB28633	106C13	7/6/1992	12/31/2013
Slab	35	YB28729	106C13	8/24/1992	12/31/2013
Slab	36	YB28730	106C13	8/24/1992	12/31/2013
Slab	37	YB28731	106C13	8/24/1992	12/31/2013
Slab	38	YB28732	106C13	8/24/1992	12/31/2013
Slab	39	YB28733	106C13	8/24/1992	12/31/2013
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Slab	41	YB28735	106C13	8/24/1992	12/31/2012
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BF	42 YC47595	106C14	4/18/2006	12/31/2010	Slab	44 YB28738	106C13	8/24/1992	12/31/2012
BF	43 YC47596	106C14	4/18/2006	12/31/2010	Slab	45 YB28739	106C13	8/24/1992	12/31/2013
BF	44 YC47597	106C14	4/18/2006	12/31/2010	Slab	46 YB28740	106C13	8/24/1992	12/31/2012
BF	45 YC47598	106C14	4/18/2006	12/31/2010	Slab	47 YB28741	106C13	8/24/1992	12/31/2011
BF	46 YC47599	106C14	4/18/2006	12/31/2010	Slab	48 YB28742	106C13	8/24/1992	12/31/2011
BF	47 YC47600	106C14	4/18/2006	12/31/2010	Slab	49 YB28743	106C13	8/24/1992	12/31/2011
BF	48 YC47601	106C14	4/18/2006	12/31/2010	Slab	50 YB28744	106C13	8/24/1992	12/31/2011
BF	49 YC47602	106C14	4/18/2006	12/31/2010	Slab	51 YB28745	106E01	8/24/1992	12/31/2014
BF	50 YC47603	106C14	4/18/2006	12/31/2010	Slab	52 YB28746	106E01	8/24/1992	12/31/2014
BF	51 YC47604	106C14	4/18/2006	12/31/2010	Slab	53 YB28747	106E01	8/24/1992	12/31/2014
BF	52 YC47605	106C14	4/18/2006	12/31/2010	Slab	54 YB28748	106E01	8/24/1992	12/31/2011
BF	53 YC47606	106C14	4/18/2006	12/31/2010	Slab	55 YB28749	106E01	8/24/1992	12/31/2014
BF	54 YC47607	106C14	4/18/2006	12/31/2010	Slab	56 YB28750	106D16	8/24/1992	12/31/2014
BF	55 YC47608	106C14	4/18/2006	12/31/2010	Slab	57 YB28751	106E01	8/24/1992	12/31/2014
BF	56 YC47609	106C14	4/18/2006	12/31/2010	Slab	58 YB28752	106E01	8/24/1992	12/31/2014
BF	57 YC47610	106C14	4/18/2006	12/31/2010	Slab	59 YB28753	106E01	8/24/1992	12/31/2014
BF	58 YC47611	106C14	4/18/2006	12/31/2010	Slab	60 YB28754	106E01	8/24/1992	12/31/2014
BF	59 YC47612	106C14	4/18/2006	12/31/2010	Slab	61 YB28755	106E01	8/24/1992	12/31/2014
BF	60 YC47613	106C14	4/18/2006	12/31/2010	Slab	62 YB28756	106E01	8/24/1992	12/31/2014
BF	61 YC47614	106C14	4/18/2006	12/31/2010	Slab	63 YB28757	106E01	8/24/1992	12/31/2014
BF	62 YC47615	106C14	4/18/2006	12/31/2010	Slab	64 YB28758	106E01	8/24/1992	12/31/2014
BF	63 YC47616	106C14	4/18/2006	12/31/2010	Slab	65 YB28759	106F04	8/24/1992	12/31/2014
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BF	65 YC47618	106C14	4/6/2006	12/31/2010	Slab	67 YB28761	106F04	8/24/1992	12/31/2013
BF	66 YC47619	106C14	4/6/2006	12/31/2010	Slab	68 YB28762	106F04	8/24/1992	12/31/2013
BF	67 YC47620	106C14	4/6/2006	12/31/2010	Slab	69 YB28763	106F04	8/24/1992	12/31/2013
BF	68 YC47621	106C14	4/6/2006	12/31/2010	Slab	70 YB28764	106F04	8/24/1992	12/31/2013
BF	69 YC47622	106C14	4/6/2006	12/31/2010	Slab	71 YB28765	106F04	8/24/1992	12/31/2013
BF	70 YC47623	106C14	4/6/2006	12/31/2010	Slab	72 YB28766	106F04	8/24/1992	12/31/2012
BF	71 YC47624	106C14	4/6/2006	12/31/2010	Slab	73 YB28767	106F04	8/24/1992	12/31/2013
BF	72 YC47625	106C14	4/6/2006	12/31/2010	Slab	74 YB28768	106F04	8/24/1992	12/31/2012
BF	73 YC47626	106C14	4/6/2006	12/31/2010	Slab	75 YB28769	106F04	8/24/1992	12/31/2013
BF	74 YC47627	106C14	4/6/2006	12/31/2010	Slab	76 YB28770	106F04	8/24/1992	12/31/2012
BF	75 YC47628	106C14	4/6/2006	12/31/2010	Slab	77 YB28771	106F04	8/24/1992	12/31/2013
BF	76 YC47629	106C14	4/6/2006	12/31/2010	Slab	78 YB28772	106C13	8/24/1992	12/31/2012
BF	77 YC47630	106C14	4/6/2006	12/31/2010	Slab	79 YB28773	106C13	8/24/1992	12/31/2013
BF	78 YC47631	106C14	4/6/2006	12/31/2010	Slab	80 YB28774	106C13	8/24/1992	12/31/2012
BF	79 YC47632	106C14	4/6/2006	12/31/2010	Slab	81 YB28775	106C13	8/24/1992	12/31/2012
BF	80 YC47633	106C14	4/6/2006	12/31/2010	Slab	82 YB28776	106C13	8/24/1992	12/31/2012
BL	1 YC43214	106D16	4/18/2006	12/31/2011	Slab	83 YB28777	106C13	8/24/1992	12/31/2012
BL	2 YC43215	106D16	4/18/2006	12/31/2011	Slab	84 YB28778	106C13	8/24/1992	12/31/2013
BL	3 YC43216	106D16	4/18/2006	12/31/2011	Slab	85 YB29006	106D16	10/19/1992	12/31/2011
BL	4 YC43217	106D16	4/18/2006	12/31/2011	Slab	86 YB29007	106D16	10/19/1992	12/31/2011
BL	7 YC43220	106D16	4/18/2006	12/31/2011	Slab	87 YB29008	106C13	10/19/1992	12/31/2011
BL	8 YC43221	106D16	4/18/2006	12/31/2011	Slab	88 YB29009	106C13	10/19/1992	12/31/2011
BL	9 YC43222	106D16	4/18/2006	12/31/2011	Slab	89 YB29010	106C13	10/19/1992	12/31/2011
BL	10 YC43223	106D16	4/18/2006	12/31/2011	Slab	90 YB29011	106C13	10/19/1992	12/31/2011
BL	13 YC43226	106D16	4/18/2006	12/31/2011	Slab	91 YB29012	106C13	10/19/1992	12/31/2011
BL	14 YC43227	106D16	4/18/2006	12/31/2011	Slab	92 YB29013	106C13	10/19/1992	12/31/2011
BL	15 YC43228	106D16	4/18/2006	12/31/2011	Slab	93 YB29014	106C13	10/19/1992	12/31/2011
BL	16 YC43229	106D16	4/18/2006	12/31/2011	Slab	94 YB29015	106C13	10/19/1992	12/31/2011
BL	19 YC43232	106D16	4/18/2006	12/31/2011	Slab	95 YB29016	106C13	10/19/1992	12/31/2011
BL	20 YC43233	106D16	4/18/2006	12/31/2011	Slab	96 YB29017	106C13	10/19/1992	12/31/2011

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BL	21	YC43234	106D16	4/18/2006	12/31/2011	Slab	97	YB29018	106C13	10/19/1992	12/31/2011
BL	22	YC43235	106D16	4/18/2006	12/31/2011	Slab	98	YB29019	106C13	10/19/1992	12/31/2011
BL	23	YC43236	106D16	4/18/2006	12/31/2011	Slab	99	YB29020	106C13	10/19/1992	12/31/2011
BL	24	YC43237	106D16	4/18/2006	12/31/2011	Slab	100	YB29021	106C13	10/19/1992	12/31/2011
Gremlin Property						Slab	107	YB29028	106C13	10/19/1992	12/31/2011
Anthea	1	YB42738	106E02	3/28/1994	12/31/2011	Slab	129	YB29050	106C13	10/19/1992	12/31/2011
Anthea	2	YB42739	106E02	3/28/1994	12/31/2011	Slab	130	YB29051	106C13	10/19/1992	12/31/2011
Anthea	3	YB42740	106E02	3/28/1994	12/31/2011	Slab	151	YB29072	106D16	10/19/1992	12/31/2011
Anthea	4	YB42741	106E02	3/28/1994	12/31/2011	Slab	152	YB29073	106D16	10/19/1992	12/31/2011
Anthea	5	YB42742	106E02	3/28/1994	12/31/2011	Slab	153	YB29074	106D16	10/19/1992	12/31/2011
Anthea	6	YB42743	106E02	3/28/1994	12/31/2011	Slab	154	YB29075	106D16	10/19/1992	12/31/2011
Anthea	7	YB43114	106E02	7/20/1994	12/31/2011	Slab	155	YB29076	106E01	10/19/1992	12/31/2011
Anthea	8	YB43115	106E02	7/20/1994	12/31/2011	Slab	156	YB29077	106E01	10/19/1992	12/31/2011
Anthea	9	YB43116	106E02	7/20/1994	12/31/2011	Slab	157	YB29078	106E01	10/19/1992	12/31/2011
Anthea	10	YB43117	106E02	7/20/1994	12/31/2011	Slab	158	YB29079	106E01	10/19/1992	12/31/2011
Anthea	11	YB43118	106E02	7/20/1994	12/31/2011	Slab	159	YB29080	106E01	10/19/1992	12/31/2011
Anthea	12	YB43119	106E02	7/20/1994	12/31/2011	Slab	160	YB29081	106E01	10/19/1992	12/31/2011
Anthea	13	YB43120	106E02	7/20/1994	12/31/2011	Slab	161	YB29082	106E01	10/19/1992	12/31/2011
Anthea	14	YB43121	106E02	7/20/1994	12/31/2011	Slab	162	YB29083	106E01	10/19/1992	12/31/2011
Anthea	15	YB43122	106E02	7/20/1994	12/31/2011	Slab	163	YB29084	106E01	10/19/1992	12/31/2011
Anthea	16	YB43123	106E02	7/20/1994	12/31/2011	Slab	164	YB29085	106E01	10/19/1992	12/31/2011
Anthea	17	YB43124	106E02	7/20/1994	12/31/2011	Slab	165	YB29086	106E01	10/19/1992	12/31/2011
Anthea	18	YB43125	106E02	7/20/1994	12/31/2011	Slab	166	YB29087	106E01	10/19/1992	12/31/2011
Anthea	19	YB43126	106E02	7/20/1994	12/31/2011	Slab	167	YB29088	106E01	10/19/1992	12/31/2011
Anthea	20	YB43127	106E02	7/20/1994	12/31/2011	Slab	168	YB29089	106E01	10/19/1992	12/31/2011
Anthea	21	YB43128	106E02	7/20/1994	12/31/2011	Slab	169	YB29090	106E01	10/19/1992	12/31/2011
Anthea	22	YB43129	106E02	7/20/1994	12/31/2011	Slab	170	YB29091	106E01	10/19/1992	12/31/2011
Anthea	23	YB43130	106E02	7/20/1994	12/31/2011	Slab	171	YB29092	106E01	10/19/1992	12/31/2011
Anthea	24	YB43131	106E02	7/20/1994	12/31/2011	Slab	172	YB29093	106E01	10/19/1992	12/31/2011
Anthea	25	YB43166	106E02	9/1/1994	12/31/2011	Slab	173	YB29094	106E01	10/19/1992	12/31/2011
Anthea	26	YB43167	106E02	9/1/1994	12/31/2011	Slab	174	YB29095	106E01	10/19/1992	12/31/2011
Anthea	27	YB43168	106E02	9/1/1994	12/31/2011	Slab	175	YB29096	106E01	10/19/1992	12/31/2011
Anthea	28	YB43169	106E02	9/1/1994	12/31/2011	Slab	176	YB29097	106E01	10/19/1992	12/31/2011
Anthea	29	YB43170	106E02	9/1/1994	12/31/2011	Slab	177	YB29098	106E01	10/19/1992	12/31/2011
Anthea	30	YB43171	106E02	9/1/1994	12/31/2011	Slab	178	YB29099	106E01	10/19/1992	12/31/2011
Hoop Property						Slab	179	YB29100	106E01	10/19/1992	12/31/2011
TB	1	YC43238	106C13	4/18/2006	12/31/2011	Slab	180	YB29101	106E01	10/19/1992	12/31/2011
TB	2	YC43239	106C13	4/18/2006	12/31/2011	Slab	181	YB29102	106E01	10/19/1992	12/31/2011
TB	3	YC43240	106C13	4/18/2006	12/31/2011	Slab	182	YB29103	106E01	10/19/1992	12/31/2011
TB	4	YC43241	106C13	4/18/2006	12/31/2011	Slab	183	YB29104	106E01	10/19/1992	12/31/2011
TB	5	YC43242	106C13	4/18/2006	12/31/2011	Slab	184	YB29105	106E01	10/19/1992	12/31/2011
TB	6	YC43243	106C13	4/18/2006	12/31/2011	Slab	185	YB29106	106E01	10/19/1992	12/31/2011
TB	7	YC43244	106C13	4/18/2006	12/31/2011	Slab	186	YB29107	106E01	10/19/1992	12/31/2011
TB	8	YC43245	106C13	4/18/2006	12/31/2011	Slab	187	YB29108	106E01	10/19/1992	12/31/2011
TB	9	YC43246	106C13	4/18/2006	12/31/2011	Slab	188	YB29109	106E01	10/19/1992	12/31/2011
TB	10	YC43247	106C13	4/18/2006	12/31/2011	Slab	189	YB29110	106E01	10/19/1992	12/31/2011
TB	11	YC43248	106C13	4/18/2006	12/31/2011	Slab	190	YB29111	106E01	10/19/1992	12/31/2011
TB	12	YC43249	106C13	4/18/2006	12/31/2011	Slab	191	YB29112	106E01	10/19/1992	12/31/2011
TB	13	YC43250	106C13	4/18/2006	12/31/2011	Slab	192	YB29113	106E01	10/19/1992	12/31/2011
TB	14	YC43251	106C13	4/18/2006	12/31/2011	Slab	193	YB29114	106E01	10/19/1992	12/31/2011
TB	15	YC43252	106C13	4/18/2006	12/31/2011	Slab	194	YB29115	106E01	10/19/1992	12/31/2011
TB	16	YC43253	106C13	4/18/2006	12/31/2011	Slab	195	YB29116	106E01	10/19/1992	12/31/2011
TB	17	YC43254	106C13	4/18/2006	12/31/2011	Slab	196	YB29117	106E01	10/19/1992	12/31/2011
TB	18	YC43255	106C13	4/18/2006	12/31/2011	Slab	197	YB29118	106E01	10/19/1992	12/31/2011

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TB	19	YC43256	106C13	4/18/2006	12/31/2011	Slab	198	YB29119	106E01	10/19/1992	12/31/2011
TB	20	YC43257	106C13	4/18/2006	12/31/2011	Slab	199	YB29120	106D16	10/19/1992	12/31/2011
TB	21	YC43258	106C13	4/18/2006	12/31/2011	Slab	200	YB29121	106D16	10/19/1992	12/31/2011
TB	22	YC43259	106C13	4/18/2006	12/31/2011	Slab	201	YB29122	106D16	10/19/1992	12/31/2011
TB	23	YC43260	106C13	4/18/2006	12/31/2011	Slab	202	YB29123	106D16	10/19/1992	12/31/2011
TB	24	YC43261	106C13	4/18/2006	12/31/2011	Slab	203	YB29124	106D16	10/19/1992	12/31/2011
TB	25	YC43262	106C13	4/18/2006	12/31/2011	Slab	204	YB29125	106D16	10/19/1992	12/31/2011
TB	26	YC43263	106C13	4/18/2006	12/31/2011	Slab	205	YB29126	106D16	10/19/1992	12/31/2011
TB	27	YC43264	106C13	4/18/2006	12/31/2011	Slab	206	YB29127	106D16	10/19/1992	12/31/2011
TB	28	YC43265	106C13	4/18/2006	12/31/2011	Slab	207	YB29128	106D16	10/19/1992	12/31/2011
TB	29	YC43266	106C13	4/18/2006	12/31/2011	Slab	208	YB29129	106D16	10/19/1992	12/31/2011
TB	30	YC43267	106C13	4/18/2006	12/31/2011	**Slats Property**					
TB	31	YC43268	106C13	4/18/2006	12/31/2011	Blend	1	YC42507	106D16	11/23/2005	12/31/2010
TB	32	YC43269	106C13	4/18/2006	12/31/2011	Blend	2	YC42508	106D16	11/23/2005	12/31/2010
TB	33	YC43270	106C13	4/18/2006	12/31/2011	Blend	3	YC42509	106D16	11/23/2005	12/31/2010
TB	34	YC43271	106C13	4/18/2006	12/31/2011	Blend	4	YC42510	106D16	11/23/2005	12/31/2010
TB	35	YC43272	106C13	4/18/2006	12/31/2011	Blend	5	YC42511	106D16	11/23/2005	12/31/2010
TB	36	YC43273	106C13	4/18/2006	12/31/2011	Blend	6	YC42512	106D16	11/23/2005	12/31/2010
Hoover Property						Blend	7	YC42513	106D16	11/23/2005	12/31/2010
Hoover	1	YB28692	106E01	7/6/1992	12/31/2014	Blend	8	YC42514	106D16	11/23/2005	12/31/2010
Hoover	2	YB28693	106E01	7/6/1992	12/31/2014	Blend	9	YC42515	106D16	11/23/2005	12/31/2010
Hoover	3	YB28694	106E01	7/6/1992	12/31/2014	Blend	10	YC42516	106D16	11/23/2005	12/31/2010
Hoover	4	YB28695	106E01	7/6/1992	12/31/2014	Blend	11	YC42517	106D16	11/23/2005	12/31/2010
Hoover	5	YB28696	106E01	7/6/1992	12/31/2014	Blend	12	YC42518	106D16	11/23/2005	12/31/2010
Hoover	6	YB28697	106E01	7/6/1992	12/31/2014	Blend	13	YC42519	106D16	11/23/2005	12/31/2010
Hoover	7	YB28698	106E01	7/6/1992	12/31/2014	Blend	14	YC42520	106D16	11/23/2005	12/31/2010
Hoover	8	YB28699	106E01	7/6/1992	12/31/2014	Blend	15	YC42521	106D16	11/23/2005	12/31/2010
Hoover	9	YB28970	106E01	9/14/1992	12/31/2011	Blend	16	YC42522	106D16	11/23/2005	12/31/2010
Hoover	10	YB28971	106E01	9/14/1992	12/31/2011	Blend	17	YC42523	106D16	11/23/2005	12/31/2010
Hoover	11	YB28972	106E01	9/14/1992	12/31/2011	Blend	18	YC42524	106D16	11/23/2005	12/31/2010
Hoover	12	YB28973	106E01	9/14/1992	12/31/2011	Blend	19	YC42525	106D16	11/23/2005	12/31/2010
Hoover	13	YB28974	106E01	9/21/1992	12/31/2011	Blend	20	YC42526	106D16	11/23/2005	12/31/2010
Hoover	14	YB28975	106E01	9/14/1992	12/31/2011	Blend	21	YC42527	106D16	11/23/2005	12/31/2010
Hoover	15	YB28976	106E01	9/14/1992	12/31/2011	Blend	22	YC42528	106D16	11/23/2005	12/31/2010
Hoover	16	YB28977	106E01	9/14/1992	12/31/2011	Blend	23	YC42529	106D16	11/23/2005	12/31/2010
Hoover	17	YB28978	106E01	9/14/1992	12/31/2011	Blend	24	YC42530	106D16	11/23/2005	12/31/2010
Hoover	18	YB28979	106E01	9/14/1992	12/31/2011	Blend	25	YC42531	106D16	11/23/2005	12/31/2010
Hoover	19	YB28980	106E01	9/14/1992	12/31/2011	Blend	26	YC42532	106D16	11/23/2005	12/31/2010
Hoover	20	YB28981	106E01	9/14/1992	12/31/2011	Blend	27	YC42533	106D16	11/23/2005	12/31/2010
Hoover	21	YB28982	106E01	9/14/1992	12/31/2011	Blend	28	YC42534	106D16	11/23/2005	12/31/2010
Hoover	22	YB28983	106E01	9/14/1992	12/31/2011	Blend	29	YC42535	106D16	11/23/2005	12/31/2010
Hoover	23	YB28984	106E01	9/14/1992	12/31/2011	Blend	30	YC42536	106D16	11/23/2005	12/31/2010
Hoover	24	YB28985	106E01	9/14/1992	12/31/2011	Blend	31	YC42537	106D16	11/23/2005	12/31/2010
Hoover	25	YB28986	106E01	9/14/1992	12/31/2011	Blend	32	YC42538	106D16	11/23/2005	12/31/2010
Hoover	26	YB28987	106E01	9/14/1992	12/31/2011	Blend	33	YC42539	106D16	11/23/2005	12/31/2010
Hoover	27	YB28988	106E01	9/14/1992	12/31/2011	Blend	34	YC42540	106D16	11/23/2005	12/31/2010
Hoover	28	YB28989	106E01	9/14/1992	12/31/2011	Blend	35	YC42541	106D16	11/23/2005	12/31/2010
Hoover	29	YB28990	106E01	9/14/1992	12/31/2011	Blend	36	YC42542	106D16	11/23/2005	12/31/2010
Hoover	30	YB28991	106E01	9/14/1992	12/31/2011	Blend	37	YC42543	106D16	11/23/2005	12/31/2010
Hoover	31	YB28992	106E01	9/14/1992	12/31/2011	Blend	38	YC42544	106D16	11/23/2005	12/31/2010
Hoover	32	YB28993	106E01	9/14/1992	12/31/2011	Blend	39	YC42545	106D16	11/23/2005	12/31/2010
Hoover	33	YB28994	106E01	9/14/1992	12/31/2011	Blend	40	YC42546	106D16	11/23/2005	12/31/2010
Hoover	34	YB28995	106E01	9/14/1992	12/31/2011	Blend	41	YC42547	106D16	11/23/2005	12/31/2010
Hoover	35	YB28996	106E01	9/14/1992	12/31/2011	Blend	42	YC42548	106D16	11/23/2005	12/31/2010

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Hoover	36 YB28997	106E01	9/14/1992	12/31/2011	Pitch	3 YC42475	106D16	11/23/2005	12/31/2010
Hoover	37 YB29288	106E01	10/19/1992	12/31/2011	Pitch	4 YC42476	106D16	11/23/2005	12/31/2010
Hoover	38 YB29289	106E01	10/19/1992	12/31/2011	Pitch	5 YC42477	106D16	11/23/2005	12/31/2010
Hoover	39 YB29290	106E01	10/19/1992	12/31/2011	Pitch	6 YC42478	106D16	11/23/2005	12/31/2010
Hoover	40 YB29291	106E01	10/19/1992	12/31/2011	Pitch	7 YC42479	106D16	11/23/2005	12/31/2010
Hoover	41 YB29292	106E01	10/19/1992	12/31/2011	Pitch	8 YC42480	106D16	11/23/2005	12/31/2010
Hoover	42 YB29293	106E01	10/19/1992	12/31/2011	Pitch	9 YC42481	106D16	11/23/2005	12/31/2010
Hoover	43 YB29294	106E01	10/19/1992	12/31/2011	Pitch	10 YC42482	106D16	11/23/2005	12/31/2010
Hoover	44 YB29295	106E01	10/19/1992	12/31/2011	Pitch	11 YC42483	106D16	11/23/2005	12/31/2010
Hoover	45 YB29296	106E01	10/19/1992	12/31/2011	Pitch	12 YC42484	106D16	11/23/2005	12/31/2010
Hoover	46 YB29297	106E01	10/19/1992	12/31/2011	Pitch	13 YC42485	106D16	11/23/2005	12/31/2010
Hoover	47 YB29298	106E01	10/19/1992	12/31/2011	Pitch	14 YC42486	106D16	11/23/2005	12/31/2010
Hoover	48 YB29299	106E01	10/19/1992	12/31/2011	Pitch	15 YC42487	106D16	11/23/2005	12/31/2010
Hoover	49 YB29300	106E01	10/19/1992	12/31/2011	Pitch	16 YC42488	106D16	11/23/2005	12/31/2010
Hoover	50 YB29301	106E01	10/19/1992	12/31/2011	Pitch	17 YC42489	106D16	11/23/2005	12/31/2010
Hoover	51 YB29302	106E01	10/19/1992	12/31/2011	Pitch	18 YC42490	106D16	11/23/2005	12/31/2010
Hoover	52 YB29303	106E01	10/19/1992	12/31/2011	Pitch	19 YC42491	106D16	11/23/2005	12/31/2010
Hoover	53 YB29304	106E01	10/19/1992	12/31/2011	Pitch	20 YC42492	106D16	11/23/2005	12/31/2010
Hoover	54 YB29305	106E01	10/19/1992	12/31/2011	Pitch	21 YC42493	106D16	11/23/2005	12/31/2010
Hoover	55 YB29306	106E01	10/19/1992	12/31/2011	Pitch	22 YC42494	106D16	11/23/2005	12/31/2010
Hoover	56 YB29307	106E01	10/19/1992	12/31/2011	Pitch	23 YC42495	106D16	11/23/2005	12/31/2010
Hoover	57 YB29308	106E01	10/19/1992	12/31/2011	Pitch	24 YC42496	106D16	11/23/2005	12/31/2010
Hoover	58 YB29309	106E01	10/19/1992	12/31/2011	Pitch	25 YC42497	106D16	11/23/2005	12/31/2010
Hoover	59 YB29310	106E01	10/19/1992	12/31/2011	Pitch	26 YC42498	106D16	11/23/2005	12/31/2010
Hoover	60 YB29311	106E01	10/19/1992	12/31/2011	Pitch	27 YC42499	106D16	11/23/2005	12/31/2010
Hoover	61 YB29312	106E01	10/19/1992	12/31/2011	Pitch	28 YC42500	106D16	11/23/2005	12/31/2010
Hoover	62 YB29313	106E01	10/19/1992	12/31/2011	Pitch	29 YC42501	106D16	11/23/2005	12/31/2010
Hoover	63 YB29314	106E01	10/19/1992	12/31/2011	Pitch	30 YC42502	106D16	11/23/2005	12/31/2010
Hoover	64 YB29315	106E01	10/19/1992	12/31/2011	Pitch	31 YC42503	106D16	11/23/2005	12/31/2010
Hoover	65 YB29316	106E01	10/19/1992	12/31/2011	Pitch	32 YC42504	106D16	11/23/2005	12/31/2010
Hoover	66 YB29317	106E01	10/19/1992	12/31/2011	Pitch	33 YC42505	106D16	11/23/2005	12/31/2010
Hoover	67 YB29318	106E01	10/19/1992	12/31/2011	Pitch	34 YC42506	106D16	11/23/2005	12/31/2010
Hoover	68 YB29319	106E01	10/19/1992	12/31/2011	SL	1 YC43298	106D16	4/18/2006	12/31/2011
Hoover	69 YB29320	106E01	10/19/1992	12/31/2011	SL	2 YC43299	106D16	4/18/2006	12/31/2011
Hoover	70 YB29321	106E01	10/19/1992	12/31/2011	SL	3 YC43300	106D16	4/18/2006	12/31/2011
Hoover	71 YB29322	106E01	10/19/1992	12/31/2011	SL	4 YC43301	106D16	4/18/2006	12/31/2011
Hoover	72 YB29323	106E01	10/19/1992	12/31/2011	SL	5 YC43302	106D16	4/18/2006	12/31/2011
Hoover	73 YB29324	106E01	10/19/1992	12/31/2011	SL	6 YC43303	106D16	4/18/2006	12/31/2011
Hoover	74 YB29325	106E01	10/19/1992	12/31/2011	SL	7 YC43304	106D16	4/18/2006	12/31/2011
Hoover	75 YB29326	106E01	10/19/1992	12/31/2011	SL	8 YC43305	106D16	4/18/2006	12/31/2011
Hoover	76 YB29327	106E01	10/19/1992	12/31/2011	SL	9 YC43306	106D16	4/18/2006	12/31/2011
Hoover	77 YB29328	106E01	10/19/1992	12/31/2011	SL	10 YC43307	106D16	4/18/2006	12/31/2011
Hoover	78 YB29329	106E01	10/19/1992	12/31/2011	SL	11 YC43308	106D16	4/18/2006	12/31/2011
Hoover	79 YB29330	106E01	10/19/1992	12/31/2011	SL	12 YC43309	106D16	4/18/2006	12/31/2011
Hoover	80 YB29331	106E01	10/19/1992	12/31/2011	SL	15 YC43312	106D16	4/18/2006	12/31/2011
Hoover	81 YB29332	106E01	10/19/1992	12/31/2011	SL	16 YC43313	106D16	4/18/2006	12/31/2011
Hoover	82 YB29333	106E01	10/19/1992	12/31/2011	SL	17 YC43314	106D16	4/18/2006	12/31/2011
Hoover	83 YB29334	106E01	10/19/1992	12/31/2011	SL	18 YC43315	106D16	4/18/2006	12/31/2011
Hoover	84 YB29335	106E01	10/19/1992	12/31/2011	SL	21 YC43318	106D16	4/18/2006	12/31/2011
Hoover	85 YB29336	106E01	10/19/1992	12/31/2011	SL	22 YC43319	106D16	4/18/2006	12/31/2011
Hoover	86 YB29337	106E01	10/19/1992	12/31/2011	SL	23 YC43320	106E01	4/18/2006	12/31/2011
Hoover	87 YB29338	106E01	10/19/1992	12/31/2011	SL	24 YC43321	106E01	4/18/2006	12/31/2011
Hoover	88 YB29339	106E01	10/19/1992	12/31/2011	SL	25 YC43322	106E01	4/18/2006	12/31/2011
Hoover	89 YB29340	106E01	10/19/1992	12/31/2011	SL	26 YC43323	106E01	4/18/2006	12/31/2011

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Hoover	90	YB29341	106E01	10/19/1992	12/31/2011	**TG Property**					
Hoover	91	YB29342	106E01	10/19/1992	12/31/2011	TG	1	YC43364	106C14	4/18/2006	4/18/2007
Hoover	92	YB29343	106E01	10/19/1992	12/31/2011	TG	2	YC43365	106C14	4/18/2006	4/18/2007
Hoover	93	YB29344	106E01	10/19/1992	12/31/2011	TG	3	YC43366	106C14	4/18/2006	4/18/2007
Hoover	94	YB29345	106E01	10/19/1992	12/31/2011	TG	4	YC43367	106C14	4/18/2006	4/18/2007
Hoover	95	YB29346	106E01	10/19/1992	12/31/2011	TG	5	YC43368	106C14	4/18/2006	4/18/2007
Hoover	96	YB29347	106E01	10/19/1992	12/31/2011	TG	6	YC43369	106C14	4/18/2006	4/18/2007
Hoover	97	YB29348	106E01	10/19/1992	12/31/2011	TG	7	YC43370	106C14	4/18/2006	4/18/2007
Hoover	98	YB29349	106E01	10/19/1992	12/31/2011	TG	8	YC43371	106C14	4/18/2006	4/18/2007
Hoover	99	YB29350	106E01	10/19/1992	12/31/2011	TG	9	YC43372	106C14	4/18/2006	4/18/2007
Hoover	100	YB29351	106E01	10/19/1992	12/31/2011	TG	10	YC43373	106C14	4/18/2006	4/18/2007
Hoover	101	YB29352	106E01	10/19/1992	12/31/2011	TG	11	YC43374	106C14	4/18/2006	4/18/2007
Hoover	102	YB29353	106E01	10/19/1992	12/31/2011	TG	12	YC43375	106C14	4/18/2006	4/18/2007
Hoover	103	YB29354	106E01	10/19/1992	12/31/2011	TG	13	YC43376	106C14	4/18/2006	4/18/2007
Hoover	104	YB29355	106E01	10/19/1992	12/31/2011	TG	14	YC43377	106C14	4/18/2006	4/18/2007
Hoover	105	YB29356	106E01	10/19/1992	12/31/2011	TG	15	YC43378	106C14	4/18/2006	4/18/2007
Hoover	106	YB29357	106E01	10/19/1992	12/31/2011	TG	16	YC43379	106C14	4/18/2006	4/18/2007
Hoover	107	YB29358	106E01	10/19/1992	12/31/2011	TG	17	YC43380	106C13	4/18/2006	4/18/2007
Hoover	108	YB29359	106E01	10/19/1992	12/31/2011	TG	18	YC43381	106C13	4/18/2006	4/18/2007
Hoover	109	YB29360	106E01	10/19/1992	12/31/2011	TG	19	YC43382	106C13	4/18/2006	4/18/2007
Hoover	110	YB29361	106E01	10/19/1992	12/31/2011	TG	20	YC43383	106C13	4/18/2006	4/18/2007
Hoover	111	YB29362	106E01	10/19/1992	12/31/2011	TG	21	YC43384	106C14	4/18/2006	4/18/2007
Hoover	112	YB29363	106E01	10/19/1992	12/31/2011	TG	22	YC43385	106C14	4/18/2006	4/18/2007
Hoover	113	YB29364	106E01	10/19/1992	12/31/2011	TG	23	YC43386	106C14	4/18/2006	4/18/2007
Hoover	114	YB29365	106E01	10/19/1992	12/31/2011	TG	24	YC43387	106C14	4/18/2006	4/18/2007
Hov	1	YC48770	106E01	7/18/2006	12/31/2011	TG	25	YC43388	106C14	4/18/2006	4/18/2007
Hov	2	YC48771	106E01	7/18/2006	12/31/2011	TG	26	YC43389	106C14	4/18/2006	4/18/2007
Hov	3	YC48772	106E01	7/18/2006	12/31/2011	TG	27	YC43390	106C14	4/18/2006	4/18/2007
Hov	4	YC48773	106E01	7/18/2006	12/31/2011	TG	28	YC43391	106C14	4/18/2006	4/18/2007
Hov	5	YC48774	106E01	7/18/2006	12/31/2011	TG	29	YC43392	106C14	4/18/2006	4/18/2007
Hov	6	YC48775	106E01	7/18/2006	12/31/2011	TG	30	YC43393	106C14	4/18/2006	4/18/2007
Hov	7	YC48776	106E01	7/18/2006	12/31/2011	TG	31	YC43394	106C14	4/18/2006	4/18/2007
Hov	8	YC48777	106E01	7/18/2006	12/31/2011	TG	32	YC43395	106C14	4/18/2006	4/18/2007
Hov	9	YC48778	106E01	7/18/2006	12/31/2011	TG	33	YC43396	106C14	4/18/2006	4/18/2007
Hov	10	YC48779	106E01	7/18/2006	12/31/2011	TG	34	YC43397	106C14	4/18/2006	4/18/2007
Hov	11	YC48780	106E01	7/18/2006	12/31/2011	TG	35	YC43398	106C14	4/18/2006	4/18/2007
Hov	12	YC48781	106E01	7/18/2006	12/31/2011	TG	36	YC43399	106C14	4/18/2006	4/18/2007
Hov	13	YC48782	106E01	7/18/2006	12/31/2011	TG	37	YC43400	106C13	4/18/2006	4/18/2007
Hov	14	YC48783	106E01	7/18/2006	12/31/2011	TG	38	YC43401	106C13	4/18/2006	4/18/2007
Hov	15	YC48784	106E01	7/18/2006	12/31/2011	TG	39	YC43402	106C13	4/18/2006	4/18/2007
Hov	16	YC48785	106E01	7/18/2006	12/31/2011	TG	40	YC43403	106C13	4/18/2006	4/18/2007
Hov	17	YC48786	106E01	7/18/2006	12/31/2011	TG	41	YC43404	106C14	4/18/2006	4/18/2007
Hov	18	YC48787	106E01	7/18/2006	12/31/2011	TG	42	YC43405	106C14	4/18/2006	4/18/2007
Hov	19	YC48788	106E01	7/18/2006	12/31/2011	TG	43	YC43406	106C14	4/18/2006	4/18/2007
Hov	20	YC48789	106E01	7/18/2006	12/31/2011	TG	44	YC43407	106C14	4/18/2006	4/18/2007
Hov	21	YC48790	106E01	7/18/2006	12/31/2011	TG	45	YC43408	106C14	4/18/2006	4/18/2007
Hov	22	YC48791	106E01	7/18/2006	12/31/2011	TG	46	YC43409	106C14	4/18/2006	4/18/2007
Hov	23	YC48792	106E01	7/18/2006	12/31/2011	TG	47	YC43410	106C14	4/18/2006	4/18/2007
Hov	24	YC48793	106E01	7/18/2006	12/31/2011	TG	48	YC43411	106C14	4/18/2006	4/18/2007
Hov	25	YC48794	106E01	7/18/2006	12/31/2011	TG	49	YC43412	106C14	4/18/2006	4/18/2007
Hov	26	YC48795	106E01	7/18/2006	12/31/2011	TG	50	YC43413	106C14	4/18/2006	4/18/2007
Hov	27	YC48796	106E01	7/18/2006	12/31/2011	TG	51	YC43414	106C14	4/18/2006	4/18/2007
Hov	28	YC48797	106E01	7/18/2006	12/31/2011	TG	52	YC43415	106C14	4/18/2006	4/18/2007
Hov	29	YC48798	106E01	7/18/2006	12/31/2011	TG	53	YC43416	106C14	4/18/2006	4/18/2007

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Hov	30	YC48799	106E01	7/18/2006	12/31/2011
Hov	31	YC48800	106E01	7/18/2006	12/31/2011
Hov	32	YC48801	106E01	7/18/2006	12/31/2011
Hov	33	YC48802	106E01	7/18/2006	12/31/2011
Hov	34	YC48803	106E01	7/18/2006	12/31/2011
Hov	35	YC48804	106E01	7/18/2006	12/31/2011
Hov	36	YC48805	106E01	7/18/2006	12/31/2011
Hov	37	YC48806	106E01	7/18/2006	12/31/2011
Hov	38	YC48807	106E01	7/18/2006	12/31/2011
Hov	39	YC48808	106E01	7/18/2006	12/31/2011
Hov	40	YC48809	106E01	7/18/2006	12/31/2011
Hov	41	YC48810	106E01	7/18/2006	12/31/2011
Hov	42	YC48811	106E01	7/18/2006	12/31/2011
JTM Property					
Ewetwo	1	YC52472	106D09	9/5/2006	12/31/2010
Ewetwo	2	YC52473	106D09	9/5/2006	12/31/2010
Ewetwo	3	YC52474	106D09	9/5/2006	12/31/2010
Ewetwo	4	YC52475	106D09	9/5/2006	12/31/2010
Ewetwo	5	YC52476	106D09	9/5/2006	12/31/2010
Ewetwo	6	YC52477	106D09	9/5/2006	12/31/2010
Ewetwo	7	YC52478	106D09	9/5/2006	12/31/2010
Ewetwo	8	YC52479	106D09	9/5/2006	12/31/2010
Ewetwo	9	YC52480	106D09	9/5/2006	12/31/2010
Ewetwo	10	YC52481	106D09	9/5/2006	12/31/2010
Ewetwo	11	YC52482	106D09	9/5/2006	12/31/2010
Ewetwo	12	YC52483	106D09	9/5/2006	12/31/2010
Ewetwo	13	YC52484	106D09	9/5/2006	12/31/2010
Ewetwo	14	YC52485	106D09	9/5/2006	12/31/2010
Ewetwo	15	YC52486	106D09	9/5/2006	12/31/2010
Ewetwo	16	YC52487	106D09	9/5/2006	12/31/2010
Ewetwo	17	YC52488	106D09	9/5/2006	12/31/2010
Ewetwo	18	YC52489	106D09	9/5/2006	12/31/2010
Ewetwo	19	YC52490	106D09	9/5/2006	12/31/2010
Ewetwo	20	YC52491	106D09	9/5/2006	12/31/2010
Jazz	1	YB28586	106D09	7/6/1992	12/31/2014
Jazz	2	YB28587	106D09	7/6/1992	12/31/2014
Jazz	3	YB28588	106D09	7/6/1992	12/31/2014
Jazz	4	YB28589	106D09	7/6/1992	12/31/2014
Jazz	5	YB28590	106D09	7/6/1992	12/31/2013
Jazz	6	YB28591	106D09	7/6/1992	12/31/2014
Jazz	7	YB28592	106D09	7/6/1992	12/31/2014
Jazz	8	YB28593	106D09	7/6/1992	12/31/2014
Jazz	9	YB28594	106D09	7/6/1992	12/31/2014
Jazz	10	YB28595	106D09	7/6/1992	12/31/2014
Jazz	11	YB28596	106D09	7/6/1992	12/31/2014
Jazz	12	YB28597	106D09	7/6/1992	12/31/2014
Jazz	13	YB28598	106D09	7/6/1992	12/31/2014
Jazz	14	YB28599	106D09	7/6/1992	12/31/2014
Jazz	15	YB28827	106D09	8/24/1992	12/31/2014
Jazz	16	YB28828	106D09	8/24/1992	12/31/2014
Jazz	17	YB28829	106D09	8/24/1992	12/31/2014
Jazz	18	YB28830	106D09	8/24/1992	12/31/2014
Jazz	19	YB28831	106D09	8/24/1992	12/31/2014
Jazz	20	YB28832	106D09	8/24/1992	12/31/2014

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TG	54	YC43417	106C14	4/18/2006	4/18/2007
TG	55	YC43418	106C14	4/18/2006	4/18/2007
TG	56	YC43419	106C14	4/18/2006	4/18/2007
TG	57	YC43420	106C13	4/18/2006	4/18/2007
TG	58	YC43421	106C13	4/18/2006	4/18/2007
TG	59	YC43422	106C13	4/18/2006	4/18/2007
TG	60	YC43423	106C13	4/18/2006	4/18/2007
TVA Property					
TVA	1	YB29130	106D16	10/19/1992	12/31/2011
TVA	2	YB29131	106D16	10/19/1992	12/31/2011
TVA	3	YB29132	106D16	10/19/1992	12/31/2011
TVA	4	YB29133	106D16	10/19/1992	12/31/2011
Ursus Property					
Ursus	1	YB28528	106D16	7/6/1992	12/31/2011
Ursus	2	YB28529	106D16	7/6/1992	12/31/2011
Ursus	3	YB28530	106D16	7/6/1992	12/31/2011
Ursus	4	YB28531	106D16	7/6/1992	12/31/2011
Ursus	5	YB28532	106D16	7/6/1992	12/31/2011
Ursus	6	YB28533	106D16	7/6/1992	12/31/2011
Ursus	7	YB28534	106D16	7/6/1992	12/31/2011
Ursus	8	YB28535	106D16	7/6/1992	12/31/2010
Ursus	9	YB28536	106D16	7/6/1992	12/31/2010
Ursus	10	YB28537	106D16	7/6/1992	12/31/2010
Ursus	11	YB28538	106D16	7/6/1992	12/31/2010
Ursus	12	YB28539	106D16	7/6/1992	12/31/2010
Ursus	13	YB28968	106D16	9/14/1992	12/31/2011
Ursus	14	YB28969	106D16	9/14/1992	12/31/2011
VB Property					
VB	1	YC48812	106C13	7/18/2006	12/31/2011
VB	2	YC48813	106C13	7/18/2006	12/31/2011
VB	3	YC48814	106C13	7/18/2006	12/31/2011
VB	4	YC48815	106C13	7/18/2006	12/31/2011
VB	5	YC48816	106C13	7/18/2006	12/31/2011
VB	6	YC48817	106C13	7/18/2006	12/31/2011
VB	7	YC48818	106C13	7/18/2006	12/31/2011
VB	8	YC48819	106C13	7/18/2006	12/31/2011
VB	9	YC48820	106C13	7/18/2006	12/31/2011
VB	10	YC48821	106C13	7/18/2006	12/31/2011
VB	11	YC48822	106C13	7/18/2006	12/31/2011
VB	12	YC48823	106C13	7/18/2006	12/31/2011
VB	13	YC48824	106C13	7/18/2006	12/31/2011
VB	14	YC48825	106C13	7/18/2006	12/31/2011
VB	15	YC48826	106C13	7/18/2006	12/31/2011
VB	16	YC48827	106C13	7/18/2006	12/31/2011
VB	17	YC48828	106C13	7/18/2006	12/31/2011
VB	18	YC48829	106C13	7/18/2006	12/31/2011
VB	19	YC48830	106C13	7/18/2006	12/31/2011
VB	20	YC48831	106C13	7/18/2006	12/31/2011
VB	21	YC48832	106C13	7/18/2006	12/31/2011
VB	22	YC48833	106C13	7/18/2006	12/31/2011
VB	23	YC48834	106C13	7/18/2006	12/31/2011
VB	24	YC48835	106C13	7/18/2006	12/31/2011
VB	25	YC48836	106C13	7/18/2006	12/31/2011
VB	26	YC48837	106C13	7/18/2006	12/31/2011

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Jazz	21	YB28833	106D09	8/24/1992	12/31/2014	VB	27	YC48838	106C13	7/18/2006	12/31/2011
Jazz	22	YB28834	106D09	8/24/1992	12/31/2014	VB	28	YC48839	106C13	7/18/2006	12/31/2011
Jazz	23	YB28835	106D09	8/24/1992	12/31/2014	VB	29	YC48840	106C13	7/18/2006	12/31/2011
Jazz	24	YB28836	106D09	8/24/1992	12/31/2014	VB	30	YC48841	106C13	7/18/2006	12/31/2011
Jazz	25	YB28837	106D09	8/24/1992	12/31/2014	VB	31	YC48842	106C13	7/18/2006	12/31/2011
Jazz	26	YB28838	106D09	8/24/1992	12/31/2014	VB	32	YC48843	106C13	7/18/2006	12/31/2011
Jazz	27	YB28839	106D09	8/24/1992	12/31/2014	VB	33	YC48844	106C13	7/18/2006	12/31/2011
Jazz	28	YB28840	106D09	8/24/1992	12/31/2014	VB	34	YC48845	106C13	7/18/2006	12/31/2011
Jazz	29	YB28841	106D09	8/24/1992	12/31/2014	VB	35	YC48846	106F04	7/18/2006	12/31/2011
Jazz	30	YB28842	106D09	8/24/1992	12/31/2014	VB	36	YC48847	106F04	7/18/2006	12/31/2011
Jazz	31	YB28843	106D09	8/24/1992	12/31/2014	VB	37	YC48848	106F04	7/18/2006	12/31/2011
Jazz	32	YB28844	106D09	8/24/1992	12/31/2014	VB	38	YC48849	106F04	7/18/2006	12/31/2011
Jazz	33	YB28845	106D09	8/24/1992	12/31/2014	VB	39	YC48850	106F04	7/18/2006	12/31/2011
Jazz	34	YB28846	106D09	8/24/1992	12/31/2014	VB	40	YC48851	106F04	7/18/2006	12/31/2011
Jazz	35	YB28847	106D09	8/24/1992	12/31/2014	VB	41	YC48852	106F04	7/18/2006	12/31/2011
Jazz	36	YB28848	106D09	8/24/1992	12/31/2014	VB	42	YC48853	106F04	7/18/2006	12/31/2011
Jazz	37	YB28849	106D09	8/24/1992	12/31/2014	VB	43	YC48854	106F04	7/18/2006	12/31/2011
Jazz	38	YB28850	106D09	8/24/1992	12/31/2014	VB	44	YC48855	106F04	7/18/2006	12/31/2011
Jazz	39	YB43106	106D09	7/20/1994	12/31/2012	VB	45	YC48856	106F04	7/18/2006	12/31/2011
Jazz	40	YB43107	106D09	7/20/1994	12/31/2012	VB	46	YC48857	106F04	7/18/2006	12/31/2011
Jazz	41	YB43108	106D09	7/20/1994	12/31/2012	VB	47	YC48858	106F04	7/18/2006	12/31/2011
Jazz	42	YB43109	106D09	7/20/1994	12/31/2012	VB	48	YC48859	106F04	7/18/2006	12/31/2011
Jazz	43	YB43110	106D09	7/20/1994	12/31/2012	VB	49	YC48860	106F04	7/18/2006	12/31/2011
Jazz	44	YB43111	106D09	7/20/1994	12/31/2012	VB	50	YC48861	106F04	7/18/2006	12/31/2011
Jazz	45	YB43112	106D09	7/20/1994	12/31/2012	VB	51	YC48862	106F04	7/18/2006	12/31/2011
Jazz	46	YB43113	106D09	7/20/1994	12/31/2012	VB	52	YC48863	106F04	7/18/2006	12/31/2011
U3	1	YC54760	106D09	11/3/2006	11/3/2007	VB	53	YC48864	106F04	7/18/2006	12/31/2011
U3	2	YC54761	106D09	11/3/2006	11/3/2007	VB	54	YC48865	106F04	7/18/2006	12/31/2011
U3	3	YC54762	106D09	11/3/2006	11/3/2007	VB	55	YC48866	106F04	7/18/2006	12/31/2011
U3	4	YC54763	106D09	11/3/2006	11/3/2007	VB	56	YC48867	106F04	7/18/2006	12/31/2011
U3	5	YC54764	106D09	11/3/2006	11/3/2007	VB	57	YC48868	106F04	7/18/2006	12/31/2011
U3	6	YC54765	106D09	11/3/2006	11/3/2007	VB	58	YC48869	106F04	7/18/2006	12/31/2011
U3	7	YC54766	106D09	11/3/2006	11/3/2007	VB	59	YC48870	106F04	7/18/2006	12/31/2011
U3	8	YC54767	106D09	11/3/2006	11/3/2007	VB	60	YC48871	106F04	7/18/2006	12/31/2011
U3	9	YC54768	106D09	11/3/2006	11/3/2007	VB	61	YC48872	106F04	7/18/2006	12/31/2011
U3	10	YC54769	106D09	11/3/2006	11/3/2007	VB	62	YC48873	106F04	7/18/2006	12/31/2011
U3	11	YC54770	106D09	11/3/2006	11/3/2007	VB	63	YC48874	106F04	7/18/2006	12/31/2011
U3	12	YC54771	106D09	11/3/2006	11/3/2007	VB	64	YC48875	106F04	7/18/2006	12/31/2011
U3	13	YC54772	106D09	11/3/2006	11/3/2007	VB	65	YC48876	106F04	7/18/2006	12/31/2011
U3	14	YC54773	106D09	11/3/2006	11/3/2007	VB	66	YC48877	106F04	7/18/2006	12/31/2011
U4	1	YC54774	106D09	11/3/2006	11/3/2007	VB	67	YC48878	106F04	7/18/2006	12/31/2011
U4	2	YC54775	106D09	11/3/2006	11/3/2007	VB	68	YC48879	106F04	7/18/2006	12/31/2011
U4	3	YC54776	106D09	11/3/2006	11/3/2007	VB	69	YC48880	106F04	7/18/2006	12/31/2011
U4	4	YC54777	106D09	11/3/2006	11/3/2007	VB	70	YC48881	106F04	7/18/2006	12/31/2011
U4	5	YC54778	106D09	11/3/2006	11/3/2007	VB	71	YC48882	106F04	7/18/2006	12/31/2011
U4	6	YC54779	106D09	11/3/2006	11/3/2007	VB	72	YC48883	106F04	7/18/2006	12/31/2011
U4	7	YC54780	106D09	11/3/2006	11/3/2007	VB	73	YC48884	106F04	7/18/2006	12/31/2011
U4	8	YC54781	106D09	11/3/2006	11/3/2007	VB	74	YC48885	106F04	7/18/2006	12/31/2011
Lost Moose Property						VB	75	YC48886	106F04	7/18/2006	12/31/2011
PL	1	YC43274	106C14	4/18/2006	12/31/2011	VB	76	YC48887	106F04	7/18/2006	12/31/2011
PL	2	YC43275	106C14	4/18/2006	12/31/2011	VB	77	YC48888	106F04	7/18/2006	12/31/2011
PL	3	YC43276	106C14	4/18/2006	12/31/2011	VB	78	YC48889	106F04	7/18/2006	12/31/2011
PL	4	YC43277	106C14	4/18/2006	12/31/2011	VB	79	YC48890	106F04	7/18/2006	12/31/2011
PL	5	YC43278	106C14	4/18/2006	12/31/2011	VB	80	YC48891	106F04	7/18/2006	12/31/2011

Claim		Grant	NTS	Record Date	Expiry Date	Claim		Grant	NTS	Record Date	Expiry Date
PL	6	YC43279	106C14	4/18/2006	12/31/2011	VB	81	YC48892	106F04	7/18/2006	12/31/2011
PL	7	YC43280	106C14	4/18/2006	12/31/2011	VB	82	YC48893	106F04	7/18/2006	12/31/2011
PL	8	YC43281	106C14	4/18/2006	12/31/2011	VB	83	YC48894	106F04	7/18/2006	12/31/2011
PL	9	YC43282	106C14	4/18/2006	12/31/2011	VB	84	YC48895	106F04	7/18/2006	12/31/2011
PL	10	YC43283	106C14	4/18/2006	12/31/2011	VB	85	YC48896	106F04	7/18/2006	12/31/2011
PL	11	YC43284	106C14	4/18/2006	12/31/2011	VB	86	YC48897	106F04	7/18/2006	12/31/2011
PL	12	YC43285	106C14	4/18/2006	12/31/2011	VB	87	YC48898	106F04	7/18/2006	12/31/2011
PL	13	YC43286	106C14	4/18/2006	12/31/2011	VB	88	YC48899	106F04	7/18/2006	12/31/2011
PL	14	YC43287	106C14	4/18/2006	12/31/2011	VB	89	YC48900	106F04	7/18/2006	12/31/2011
PL	15	YC43288	106C14	4/18/2006	12/31/2011	VB	90	YC48901	106F04	7/18/2006	12/31/2011
PL	16	YC43289	106C14	4/18/2006	12/31/2011	VB	91	YC48902	106F04	7/18/2006	12/31/2011
PL	17	YC43290	106C14	4/18/2006	12/31/2011	VB	92	YC48903	106F04	7/18/2006	12/31/2011
PL	18	YC43291	106C14	4/18/2006	12/31/2011	VB	93	YC48904	106F04	7/18/2006	12/31/2011
PL	19	YC43292	106C14	4/18/2006	12/31/2011	VB	94	YC48905	106F04	7/18/2006	12/31/2011
PL	20	YC43293	106C14	4/18/2006	12/31/2011	VB	95	YC48906	106F04	7/18/2006	12/31/2011
PL	21	YC43294	106C14	4/18/2006	12/31/2011	VB	96	YC48907	106F04	7/18/2006	12/31/2011
PL	22	YC43295	106C14	4/18/2006	12/31/2011	VB	97	YC48908	106F04	7/18/2006	12/31/2011
PL	23	YC43296	106C14	4/18/2006	12/31/2011	VB	98	YC48909	106F04	7/18/2006	12/31/2011
PL	24	YC43297	106C14	4/18/2006	12/31/2011	VB	99	YC48910	106F04	7/18/2006	12/31/2011
Mica-Hail Property						VB	100	YC48911	106F04	7/18/2006	12/31/2011
Ch	1	YC42405	106D16	11/23/2005	12/31/2010	VB	101	YC48912	106F04	7/18/2006	12/31/2011
Ch	2	YC42406	106D16	11/23/2005	12/31/2010	VB	102	YC48913	106F04	7/18/2006	12/31/2011
Ch	3	YC42407	106D16	11/23/2005	12/31/2010	VB	103	YC48914	106F04	7/18/2006	12/31/2011
Ch	4	YC42408	106D16	11/23/2005	12/31/2010	VB	104	YC48915	106F04	7/18/2006	12/31/2011
Ch	5	YC42409	106D16	11/23/2005	12/31/2010	VB	105	YC48916	106F04	7/18/2006	12/31/2011
Ch	6	YC42410	106D16	11/23/2005	12/31/2010	VB	106	YC48917	106F04	7/18/2006	12/31/2011
Ch	7	YC42411	106D16	11/23/2005	12/31/2010	VB	107	YC48918	106F04	7/18/2006	12/31/2011
Ch	8	YC42412	106D16	11/23/2005	12/31/2010	VB	108	YC48919	106F04	7/18/2006	12/31/2011
Ch	9	YC42413	106D16	11/23/2005	12/31/2010	VB	109	YC48920	106F04	7/18/2006	12/31/2011
Ch	10	YC42414	106D16	11/23/2005	12/31/2010	VB	110	YC48921	106F04	7/18/2006	12/31/2011
Ch	11	YC42415	106D16	11/23/2005	12/31/2010	VB	111	YC48922	106F04	7/18/2006	12/31/2011
Ch	12	YC42416	106D16	11/23/2005	12/31/2010	VB	112	YC48923	106F04	7/18/2006	12/31/2011
Ch	13	YC42417	106D16	11/23/2005	12/31/2010	VB	113	YC48924	106F04	7/18/2006	12/31/2011
Ch	14	YC42418	106D16	11/23/2005	12/31/2010	VB	114	YC48925	106F04	7/18/2006	12/31/2011
Ch	15	YC42419	106D16	11/23/2005	12/31/2010	VB	115	YC48926	106F04	7/18/2006	12/31/2011
Ch	16	YC42420	106D16	11/23/2005	12/31/2010	VB	116	YC48927	106F04	7/18/2006	12/31/2011
Ch	17	YC42421	106D16	11/23/2005	12/31/2010	VB	117	YC48928	106F04	7/18/2006	12/31/2011
Ch	18	YC42422	106D16	11/23/2005	12/31/2010	VB	118	YC48929	106F04	7/18/2006	12/31/2011
Ch	19	YC42423	106D16	11/23/2005	12/31/2010	VB	119	YC48930	106F04	7/18/2006	12/31/2011
Ch	20	YC42424	106D16	11/23/2005	12/31/2010	VB	120	YC48931	106F04	7/18/2006	12/31/2011
Hail	3	YB28566	106D16	7/6/1992	12/31/2011	VB	121	YC48932	106F04	7/18/2006	12/31/2011
Hail	4	YB28567	106D16	7/6/1992	12/31/2011	VB	122	YC48933	106F04	7/18/2006	12/31/2011
Hail	5	YB28568	106D16	7/6/1992	12/31/2011	VB	123	YC48934	106F04	7/18/2006	12/31/2011
Hail	7	YB28570	106D16	7/6/1992	12/31/2011	VB	124	YC48935	106F04	7/18/2006	12/31/2011
Hail	9	YB28572	106D16	7/6/1992	12/31/2011	VB	125	YC48936	106F04	7/18/2006	12/31/2011
HE	1	YC54728	106D16	11/3/2006	11/3/2007	VB	126	YC48937	106F04	7/18/2006	12/31/2011
HE	2	YC54729	106D16	11/3/2006	11/3/2007	VB	127	YC48938	106F04	7/18/2006	12/31/2011
HE	3	YC54730	106D16	11/3/2006	11/3/2007	VB	128	YC48939	106F04	7/18/2006	12/31/2011
HE	4	YC54731	106D16	11/3/2006	11/3/2007	VB	129	YC48940	106F04	7/18/2006	12/31/2011
HE	5	YC54732	106D16	11/3/2006	11/3/2007	VB	130	YC48941	106F04	7/18/2006	12/31/2011
HE	6	YC54733	106D16	11/3/2006	11/3/2007	VB	131	YC48942	106F04	7/18/2006	12/31/2011
HE	7	YC54734	106D16	11/3/2006	11/3/2007	VB	132	YC48943	106F04	7/18/2006	12/31/2011
HE	8	YC54735	106D16	11/3/2006	11/3/2007	VB	133	YC48944	106F04	7/18/2006	12/31/2011
HE	9	YC54736	106D16	11/3/2006	11/3/2007	VB	134	YC48945	106F04	7/18/2006	12/31/2011

Claim	Grant	NTS	Record Date	Expiry Date
HE	10 YC54737	106D16	11/3/2006	11/3/2007
HE	11 YC54738	106D16	11/3/2006	11/3/2007
HE	12 YC54739	106D16	11/3/2006	11/3/2007
HE	13 YC54740	106D16	11/3/2006	11/3/2007
HE	14 YC54741	106D16	11/3/2006	11/3/2007
HE	15 YC54742	106D16	11/3/2006	11/3/2007
HE	16 YC54743	106D16	11/3/2006	11/3/2007
HE	17 YC54744	106D16	11/3/2006	11/3/2007
HE	18 YC54745	106D16	11/3/2006	11/3/2007
HE	19 YC54746	106D16	11/3/2006	11/3/2007
HE	20 YC54747	106D16	11/3/2006	11/3/2007
HE	21 YC54748	106D16	11/3/2006	11/3/2007
HE	22 YC54749	106D16	11/3/2006	11/3/2007
HE	23 YC54750	106D16	11/3/2006	11/3/2007
HE	24 YC54751	106D16	11/3/2006	11/3/2007
HE	25 YC54752	106D16	11/3/2006	11/3/2007
HE	26 YC54753	106D16	11/3/2006	11/3/2007
HE	27 YC54754	106D16	11/3/2006	11/3/2007
HE	28 YC54755	106D16	11/3/2006	11/3/2007
HE	29 YC54756	106D16	11/3/2006	11/3/2007
HE	30 YC54757	106D16	11/3/2006	11/3/2007
HE	31 YC54758	106D16	11/3/2006	11/3/2007
HE	32 YC54759	106D16	11/3/2006	11/3/2007
PG	1 YC54537	106D16	9/5/2006	12/31/2010
PG	2 YC54538	106D16	9/5/2006	12/31/2010
PG	3 YC54539	106D16	9/5/2006	12/31/2010
PG	4 YC54540	106D16	9/5/2006	12/31/2010
PG	5 YC54541	106D16	9/5/2006	12/31/2010
PG	6 YC54542	106D16	9/5/2006	12/31/2010
PG	7 YC54543	106D16	9/5/2006	12/31/2010
PG	8 YC54544	106D16	9/5/2006	12/31/2010
PG	9 YC54545	106D16	9/5/2006	12/31/2010
PG	10 YC54546	106D16	9/5/2006	12/31/2010
PG	11 YC54547	106D16	9/5/2006	12/31/2010
PG	12 YC54548	106D16	9/5/2006	12/31/2010
PG	13 YC54549	106D16	9/5/2006	12/31/2010
PG	14 YC54550	106D16	9/5/2006	12/31/2010
PG	15 YC54551	106D16	9/5/2006	12/31/2010
PG	16 YC54552	106D16	9/5/2006	12/31/2010
PG	17 YC54553	106D16	9/5/2006	12/31/2010
PG	18 YC54554	106D16	9/5/2006	12/31/2010
PG	19 YC54555	106D16	9/5/2006	12/31/2010
PG	20 YC54556	106D16	9/5/2006	12/31/2010
PG	21 YC54557	106D16	9/5/2006	12/31/2010
PG	22 YC54558	106D16	9/5/2006	12/31/2010
PG	23 YC54559	106D16	9/5/2006	12/31/2010
PG	24 YC54560	106D16	9/5/2006	12/31/2010
PG	25 YC54561	106D16	9/5/2006	12/31/2010
PG	26 YC54562	106D16	9/5/2006	12/31/2010
PG	27 YC54563	106D16	9/5/2006	12/31/2010
PG	28 YC54564	106D16	9/5/2006	12/31/2010
RH	1 YC52492	106D16	9/5/2006	12/31/2010
RH	2 YC52493	106D16	9/5/2006	12/31/2010
RH	3 YC52494	106D16	9/5/2006	12/31/2010

Claim	Grant	NTS	Record Date	Expiry Date
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VB	136 YC48947	106F04	7/18/2006	12/31/2011
VB	137 YC48948	106F04	7/18/2006	12/31/2011
VB	138 YC48949	106F04	7/18/2006	12/31/2011
VB	139 YC48950	106F04	7/18/2006	12/31/2011
VB	140 YC48951	106F04	7/18/2006	12/31/2011
VB	141 YC48952	106F04	7/18/2006	12/31/2011
VB	142 YC48953	106F04	7/18/2006	12/31/2011
VB	143 YC48954	106F04	7/18/2006	12/31/2011
VB	144 YC48955	106F04	7/18/2006	12/31/2011
VB	145 YC48956	106F04	7/18/2006	12/31/2011
VB	146 YC48957	106F04	7/18/2006	12/31/2011
VB	147 YC48958	106F04	7/18/2006	12/31/2011
VB	148 YC48959	106F04	7/18/2006	12/31/2011
VB	149 YC48960	106F04	7/18/2006	12/31/2011
VB	150 YC48961	106F04	7/18/2006	12/31/2011
VB	151 YC48962	106F04	7/18/2006	12/31/2011
VB	152 YC48963	106F04	7/18/2006	12/31/2011
VB	153 YC48964	106F04	7/18/2006	12/31/2011
VB	154 YC48965	106F04	7/18/2006	12/31/2011
VB	155 YC48966	106F04	7/18/2006	12/31/2011
VB	156 YC48967	106F04	7/18/2006	12/31/2011
VB	157 YC48968	106F04	7/18/2006	12/31/2011
VB	158 YC48969	106F04	7/18/2006	12/31/2011
VB	159 YC48970	106F04	7/18/2006	12/31/2011
VB	160 YC48971	106F04	7/18/2006	12/31/2011
VB	161 YC48972	106F04	7/18/2006	12/31/2011
VB	162 YC48973	106F04	7/18/2006	12/31/2011
VB	163 YC48974	106F04	7/18/2006	12/31/2011
VB	164 YC48975	106F04	7/18/2006	12/31/2011
VB	165 YC48976	106F04	7/18/2006	12/31/2011
VB	166 YC48977	106F04	7/18/2006	12/31/2011
VB	167 YC48978	106F04	7/18/2006	12/31/2011
VB	168 YC48979	106F04	7/18/2006	12/31/2011
VB	169 YC48980	106F04	7/18/2006	12/31/2011
VB	170 YC48981	106F04	7/18/2006	12/31/2011

Claim	Grant	NTS	Record Date	Expiry Date	Claim	Grant	NTS	Record Date	Expiry Date
RH	4 YC52495	106D16	9/5/2006	12/31/2010					
RH	5 YC52496	106D16	9/5/2006	12/31/2010					
RH	6 YC52497	106D16	9/5/2006	12/31/2010					
RH	7 YC52498	106D16	9/5/2006	12/31/2010					
RH	8 YC52499	106D16	9/5/2006	12/31/2010					

Appendix C: Statement of Expenditures

STATEMENT OF EXPENDITURES

WERNECKE PROJECT

JUNE 13 – SEPTEMBER 11, 2006

In the matter of an exploration program on the Wernecke Project

I, Darcy Baker for Equity Engineering Ltd., 700-700 West Pender Street, Vancouver, BC, do solemnly declare that a program consisting of geochemical sampling, geological mapping and prospecting was carried out on the quartz claim comprising the Wernecke Project between June 13 and September 11, 2006. The following expenses were incurred during the course of this work and in the compilation and reporting of the results:

PROFESSIONAL FEES AND WAGES:

Henry Awmack, P.Eng.			
1.00 days @	$575/day	$	575.00
Darcy Baker, Geologist			
8.00 days @	$475/day		3,800.00
Sandra Bayliss, Sampler			
67.38 days @	$250/day		16,845.00
Tom Bell, Prospector			
69.00 days @	$400/day		27,600.00
Robin Black, Geologist			
87.64 days @	$475/day		41,629.00
Thomas Branson, Sampler			
73.50 days @	$250/day		18,375.00
Sharon Brown, Cook			
66.50 days @	$400/day		26,600.00
Sharon Brown, First Aid			
63.50 days @	$25/day		1,587.50
Kelly Anne Caulfield, Sampler			
56.50 days @	$250/day		14,125.00
Scott Heffernan, Project Geologist			
150.63 days @	$575/day		86,612.25
Murray Jones, P.Geo.			
1.63 days @	$575/day		937.25
Greg McKenzie, Sampler			
69.50 days @	$250/day		17,375.00
Eva McLean, Sampler			
69.50 days @	$250/day		17,375.00
Eileen O'Hara, Cook			
13.00 days @	$400/day		5,200.00
Eileen O'Hara, First Aid			
11.00 days @	$25/day		275.00
Chase Reid, Sampler			
14.50 days @	$250/day		3,625.00
Phil Seccombe, Senior Geologist			
41.00 days @	$618/day		25,338.00
Nick van Orden, Senior Sampler			
4.00 days @	$300/day		1,200.00
Scott Parker, Drafting/Logistics			
154.50 hours @	$60/hour		9,270.00
John Visser, Logistics			

2.00 hours @	$60/hour	120.00		
Neil Visser, Logistics				
251.00 hours @	$60/hour	15,060.00		
Clerical				
76.50 hours @	$25/hour	1,912.50	$	334,861.50
EQUIPMENT RENTALS				
Generator (1kVA)				
23 days @	$15/day	$ 345.00		
Generator (5kVA)				
57 days @	$25/day	1,425.00		
Generator (6.5kVA)				
79 days @	$30/day	2,370.00		
ATV and Trailer				
63 days @	$70/day	4,410.00		
Digitizer Tablet				
47 days @	$25/day	1,175.00		
Field Camp				
946 mandays @	$30/manday	28,380.00		
Satellite Phone				
18 weeks @	$62.50/week	1,125.00		
1403 minutes @	$1.69/min	2,371.07		
Chainsaw				
16 days @	$15/day	240.00		
Field Computers				
193 days @	$40/day	7,720.00		
First Aid Equipment (Level III)				
79 days @	$30/day	2,370.00		
Fuel Berms (10' x 15' x 15")				
164 days @	$30/day	4,920.00		56,851.07

EXPENSES:

Chemical Analyses	$ 130,147.07
Field Equipment Repairs and Maintenance	179.65
Field Consumables	(2,046.61)
Materials and Supplies	24,694.87
Small Tools and Equipment	1,448.26
Maps and Publications	98.01
Plot Charges	1,842.77
Printing and Reproductions	635.40
Camp Food	25,918.97
Meals	2,827.55
Accommodation	7,624.76
Truck Rental (non-Equity)	11,447.08
Automotive Fuel	1,659.37
Aircraft Charters	254,480.05
Helicopter Charters	269,085.33
Telephone Distance Charges	476.48
Courier	994.63
Freight	42,562.28
Bulk Fuel	26,081.12
Drum Deposits	13,729.90
Geophysical Equipment Rental	26,145.80

Satellite Phone Rental (non-Equity)	1,721.42	
Radio Rental (non-Equity)	5,279.37	
Forklift	3,390.00	
Expediting	7,156.78	
Postage	87.14	
Internet Charges	23.36	
Report (estimated)	10,000.00	867,690.81
SUB-TOTAL:		$1,259,403.38
PROJECT SUPERVISION CHARGES:		
12% on portion <$100,000: ($100,000.00)	$ 12,000.00	
10% on portion <$500,000: ($400,000.00)	40,000.00	
8% on balance: ($759,403.38)	60,752.27	112,752.27
TOTAL:		**$ 1,372,155.65**

And I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act.

Declared before me at Vancouver in the)
Province of British Columbia this)
_____day of _____, 20___) _____

_____
Notary Public for the Province of British Columbia

Appendix D: Rock Sample Descriptions

MINERALS AND ALTERATION TYPES

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

ALTERATION INTENSITY

m	moderate	m	moderate	w	weak
s	strong	s	strong		

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

201002 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: sCB, mKF	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7170651 N	UTM 541022 E	Strike Length Exp:	Metallics: 10%HS	11.05 g/t	5.06	9.8	5.8
	Elevation	Sample Width:	True Width:	Secondaries: mHE	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Wernecke Breccia		324	30.8	18.8	0.5664
Sampled By: EC 19-Aug-06	1915 CPS in hand sample. Brown to red Wernecke Breccia with clasts to 2 cm, carbonate-specular hematite-potassium feldspar-hematite dusted.							
201003 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: wCB, wKF, mSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7170744 N	UTM 540853 E	Strike Length Exp:	Metallics: 2%CP, 5%PY	1640	7.42	3.62 %	523
	Elevation	Sample Width:	True Width:	Secondaries: sGE, sHE, mMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Wernecke Breccia		14.95	326	9.21	0.0003
Sampled By: EC 19-Aug-06	Strongly weathered Wernecke Breccia with abundant disseminated pyrite/chalcopyrite and strong hematite-goethite-malachite staining.							
201004 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: mCB, mQZ, sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7204131 N	UTM 558712 E	Strike Length Exp:	Metallics: 0.01%PY	<5	0.04	31.4	8.1
	Elevation	Sample Width: 3 m	True Width: 3 m	Secondaries:	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
	Bedding		Host : Silicified carbonate bearing sedimentary rocks - siltstone?		0.16	11.6	0.69	0.0001
Sampled By: EC 19-Aug-06	Silicified carbonate-bearing sedimentary rock with quartz-siderite and trace pyrite veins. Subcrop in trench.							
201005 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: mCB, sQZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7204182 N	UTM 558710 E	Strike Length Exp:	Metallics: 0.1%CP	14	0.51	1025	10.6
	Elevation	Sample Width:	True Width:	Secondaries: wGE, sHE, trMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Quartz-siderite-iron carbonate vein		3.9	14.5	1.1	0.0002
Sampled By: EC 19-Aug-06	Quartz-siderite-hematite-goethite vein with trace tarnish chalcopyrite and malachite on one surface. Float in Fair claims Trench 5, close to source.							
201006 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: wCL, sQZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7204183 N	UTM 558710 E	Strike Length Exp:	Metallics:	18	0.56	1020	8.9
	Elevation	Sample Width:	True Width:	Secondaries: tr-wAZ, sGE, sHE, tr-wM	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Quartz vein - brecciated		3.72	14.3	1.15	0.0001
Sampled By: EC 19-Aug-06	As previous sample (201005), but larger float boulder (~10 kg) with more malachite staining. Brecciated quartz vein with strong goethite-hematite and minor malachite staining.							
201007 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: wKF, mQZ, sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7170611 N	UTM 541054 E	Strike Length Exp:	Metallics: 0.5%CP, 5%HS, 2%PY	58	0.6	6040	20.5
	Elevation	Sample Width:	True Width:	Secondaries: mGE, sHE, wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Brecciated silicified sedimentary rock		1.05	39.6	9.51	0.0002
Sampled By: EC 19-Aug-06	Siliceous vein/breccia with abundant white mica (muscovite) disseminated pyrite, minor chalcopyrite and minor goethite-hematite-malachite staining. Very close to source.							

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

201008 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration: mCB, mKF, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7170745	N	UTM 540847	E	Strike Length Exp:	Metallics: 1%CP, 2%PY	848	8.98	3.3 %	1760
	Elevation		Sample Width:		True Width:	Secondaries: mGE, mHE, wMC	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Wernecke Breccia - heterolithic breccia in Proterozoic Quart		11.1	793	2.24	0.0003
Sampled By: EC 19-Aug-06	Siliceous breccia PZ with disseminated pyrite, chalcopyrite malachite stained. Iron oxides after iron carbonate. Mineralization on edge of 2 x 1 x 1 m shale clast.									
201009 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration: sCL, sKF, mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197976	N	UTM 539280	E	Strike Length Exp:	Metallics:	12	0.07	12	56
	Elevation		Sample Width: 10	cm	True Width: 1 m	Secondaries: trMC	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Big boulder in talus >10,000 CPS		1.09	147	3.9	0.1168
Sampled By: EC 19-Aug-06	Pinkish green, sheared, metasomatized big boulder. Chlorite-potassium feldspar altered. Previously sampled 10,000+ CPS. Sampled 10-15 cm of the big boulder.									
201010 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sKF, mQZ, mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211900	N	UTM 527621	E	Strike Length Exp:	Metallics: 10%HS	<5	<0.01	1	4.9
	Elevation		Sample Width:		True Width:	Secondaries: wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Phyllite?		0.13	32.4	1.65	0.0062
Sampled By: EC 19-Aug-06	Grey-pink potassium feldspar-silica altered gneiss with weak iron oxides. Some quartz-specular hematite-potassium feldspar veins. Float? Close to source.									
201011 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sKF, mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211924	N	UTM 527573	E	Strike Length Exp:	Metallics: 0.1%CP, 10%HS	45	0.09	2140	11.3
	Elevation		Sample Width:		True Width:	Secondaries: trAZ, wMC	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host :		1.29	31.2	6.98	0.1416
Sampled By: EC 19-Aug-06	Pink potassium feldspar altered breccia (tectonic) with minor hematite dusting. Specular hematite and minor malachite staining on fractures. Trace disseminated chalcopyrite. Barren quartz veins too.									
201012 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sKF, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211917	N	UTM 527592	E	Strike Length Exp:	Metallics: 1%BZ	18	0.23	12	6.9
	Elevation		Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Potassium feldspar-silica altered breccia		1.02	43.4	5.14	0.1180
Sampled By: EC 19-Aug-06	Pink-grey brecciated sedimentary rock with silica-potassium feldspar altered siltstone. Brannerite in fractures to 3mm wide.									
201013 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211913	N	UTM 527603	E	Strike Length Exp:	Metallics: 10%HS	<5	<0.01	12.2	14.2
	Elevation		Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Potassium feldspar veined siltstone		0.11	90.6	2.9	0.0314
Sampled By: EC 19-Aug-06	Pink and black potassium feldspar-specular hematite veined metamorphosed sedimentary rock with minor brecciation.									

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

201014 Wernecke

Grid North: UTM 7211907 N | Grid East: UTM 527605 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Host : Potassium feldspar breccia
Alteration: mCL, sKF | Metallics: 10%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	0.9	10.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.64	62.7	6.74	0.1770

Sampled By: EC 19-Aug-06

Pink-black feldspar-chlorite altered brecciated sedimentary rock. Hematite-stained feldspar.

201015 Wernecke

Grid North: UTM 7211904 N | Grid East: UTM 527614 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Host : Potassium feldspar breccia
Alteration: wCL, sKF | Metallics: 5%HS, 2%BZ | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
5	<0.01	3.4	14.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.46	71.4	3.43	0.0743

Sampled By: EC 19-Aug-06

See previous (201014). Pink-black feldspar-chlorite altered brecciated sedimentary rock. Hematite-stained feldspar.

201016 Wernecke

Grid North: UTM 7211857 N | Grid East: UTM 527605 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Host : Potassium feldspar
Alteration: wCL, sKF, wQZ, mSI | Metallics: 10%HS, 3%BZ | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
8	0.1	5.2	9.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.45	34.1	3.99	0.1652

Sampled By: EC 19-Aug-06

Brannerite veins in potassium feldspar veined sedimentary rock.

201017 Wernecke

Grid North: UTM 7211905 N | Grid East: UTM 527580 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Host : Potassium feldspar
Alteration: sKF, mSI | Metallics: mHS | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
14	0.04	4.2	29
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.59	68.4	5.96	0.2006

Sampled By: EC 19-Aug-06

Potassium feldspar-specular hematite brecciated sedimentary rock. Pink-black with no visible brannerite.

201018 Wernecke

Grid North: UTM 7209526 N | Grid East: UTM 529937 E | Elevation | Sample Width: 20 cm
Type: Grab | Strike Length Exp: | True Width: 20 cm
Host : Chloritic phyllite
Alteration: sCL, wSI | Metallics: | Secondaries: wAZ, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	0.34	1945	33.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.32	77.1	1.19	0.0003

Sampled By: EC 20-Aug-06

Malachite, azurite coated joint sets in steep chute on north side of main Wombat spur. Also another joint set at high angle to one with copper staining.

201019 Wernecke

Grid North: UTM 7212071 N | Grid East: UTM 527509 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Host : Veined altered metasedimentary rock - phyllite?
Alteration: wCL, sKF, mQZ, mSI | Metallics: 5%HS, 1%BZ | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	1.8	7.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.18	27.8	2.34	0.0944

Sampled By: EC 21-Aug-06

Pink-black potassium feldspar-specular hematite-silica altered rock with some hematite staining. minor brannerite(?) disseminations. Barren quartz veins cross-cutting.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

201020 Wernecke

Grid North: UTM 7212072 N | Grid East: UTM 527507 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: mCL, sKF, mQZ | Metallics: HS, 1%BZ | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	2	9.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.1	30.3	1.22	0.0266

Sampled By: EC 21-Aug-06

2 m from previous sample. Subcrop as previous (201019).

201021 Wernecke

Grid North: UTM 7212076 N | Grid East: UTM 527503 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: mCL, sKF, mQZ | Metallics: 0.5%BZ | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.06	5.2	6.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.14	20.4	1.02	0.0138

Sampled By: EC 21-Aug-06

Potassium feldspar-quartz-chlorite veined and altered phyllite?. Minor brannerite patches with hematite.

201022 Wernecke

Grid North: UTM 7211936 N | Grid East: UTM 527527 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: mCL, sKF | Metallics: 15%HS, 0.1%BZ | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.08	10.2	16.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.76	54.2	2.58	0.0614

Sampled By: EC 21-Aug-06

As previous (201021) sample, but less radioactive. Strongly veined-crackle brecciated phyllite.

201023 Wernecke

Grid North: UTM 7211941 N | Grid East: UTM 527546 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Veined rock
Alteration: wCL, sKF | Metallics: 10%HS, 0.1%BZ | Secondaries: w-mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
5	0.14	9.7	11.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.49	56.5	7.48	0.2124

Sampled By: EC 21-Aug-06

As previous (201022). Less radioactive. Strongly veined-crackle brecciated phyllite.

201024 Wernecke

Grid North: UTM 7211928 N | Grid East: UTM 527542 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: mCL, sKF | Metallics: 10%HS, 0.5%BZ | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	65.1	7.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.16	25.8	1.24	0.0136

Sampled By: EC 21-Aug-06

As previous (201023). Patchy high scintillometer readings.

201025 Wernecke

Grid North: UTM 7211929 N | Grid East: UTM 527541 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Veined and altered gneiss
Alteration: mCL, sKF, mSI | Metallics: 15%HS | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	3.9	31.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.16	38.2	2.2	0.0956

Sampled By: EC 21-Aug-06

As previous (201024). Gneiss with no visible brannerite.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

201026 Wernecke

Grid North: UTM 7211891 N | Grid East: UTM 527536 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Schist/gneiss
Alteration: wKF, sQZ | Metallics: 15%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	3	11
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.37	34.7	1.67	0.0566

Sampled By: EC 21-Aug-06

Quartz-specular hematite veined and silicified potassium feldspar-chlorite schist/gneiss.

201027 Wernecke

Grid North: UTM 7211883 N | Grid East: UTM 527535 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: sKF | Metallics: 3%BZ | Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
367	<0.01	<0.2	5.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
4.29	32	37.9	2.6432

Sampled By: EC 21-Aug-06

Three small pieces of black to red hematite-brannerite in potassium feldspar altered metamorphic rock. Dug out of soil, up to 3300 CPS in very small hand sample.

201028 Wernecke

Grid North: UTM 7211881 N | Grid East: UTM 527536 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: sKF, mSI | Metallics: 3%BZ | Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	2.1	6.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.29	35.2	2.27	0.0838

Sampled By: EC 21-Aug-06

As previous (201027). Black potassium feldspar-hematite-brannerite brecciated rock.

201029 Wernecke

Grid North: UTM 7211882 N | Grid East: UTM 527539 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: KF, SI | Metallics: 3%HS, 5%BZ | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
69	0.07	0.8	6.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.43	33.8	14.4	0.9322

Sampled By: EC 21-Aug-06

Intense red-pink potassium feldspar-hematite altered rock with black mineral - (brannerite?). Some parts 10,000 CPS.

201030 Wernecke

Grid North: UTM 7211875 N | Grid East: UTM 527546 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: KF, SI | Metallics: 1%BZ | Secondaries: HE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	3	5.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.11	28.3	1.09	0.0353

Sampled By: EC 21-Aug-06

Pink-red-black potassium feldspar-hematite altered, metamorphic rock contains black brannerite(?) in fractures and veinlets. 1000-1500 CPS, 500 in hand sample.

201031 Wernecke

Grid North: UTM 7211885 N | Grid East: UTM 527524 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: mCL, sKF, wQZ, sSI | Metallics: 0.5%BZ | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	1.7	7.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.13	38.6	0.75	0.0113

Sampled By: EC 21-Aug-06

As previous, but less hematite and brannerite with more silica.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

201032 Wernecke

Grid North: UTM 7211881 N | Grid East: UTM 527505 E | Elevation | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : | Alteration: mCL, mKF, mQZ, mSI | Metallics: | Secondaries: wGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
5	0.04	2.7	5.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.16	15.7	0.71	0.0158

Sampled By: EC 21-Aug-06

As previous. Gneiss cross cut by quartz-brannerite-hematite-goethite veins. < 3000 CPS boulder and 500 CPS in hand sample.

201033 Wernecke

Grid North: UTM 7211884 N | Grid East: UTM 527495 E | Elevation | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Gneiss - veined and altered | Alteration: mCL, mKF, sQZ | Metallics: 10%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	4	12.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.45	33.7	3.21	0.1062

Sampled By: EC 21-Aug-06

Gneiss. Fabric cross cut by thick paragenetic potassium feldspar veins, which are in turn cross cut by quartz-specular hematite-chlorite veinlets.

201034 Wernecke

Grid North: UTM 7211857 N | Grid East: UTM 527508 E | Elevation | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Schist | Alteration: mKF, mSI, sMI | Metallics: | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	8.8	4.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.09	19.4	1.57	0.0555

Sampled By: EC 21-Aug-06

Mica schist cross cut by potassium feldspar -hematite veins. 600 CPS in boulder, 200 CPS in hand sample.

201035 Wernecke

Grid North: UTM 7211627 N | Grid East: UTM 527511 E | Elevation | Sample Width: 5 cm | Type: Grab | Strike Length Exp: 20 m | True Width: 5 cm | Host : Iron oxide stained zone on fault/joint plane | Alteration: sCL, sQZ | Metallics: 0.5%BZ | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
43	0.17	49.6	51.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.91	24.9	2.02	0.0198

Sampled By: EC 22-Aug-06

Hematite stained zone that is 5 cm wide on fault/joint plane of massive quartz-chlorite fault zone. Medium-grained brannerite on boulder surface. 1100-1200 CPS in outcrop. 400 CPS in bag.

201036 Wernecke

Grid North: UTM 7211646 N | Grid East: UTM 527520 E | Elevation | Sample Width: 360°/50° E | Type: Select | Strike Length Exp: | True Width: 5 cm | Host : | Alteration: sKF, sSI | Metallics: 5%HS, 10%PY | Secondaries: mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
854	0.32	444	1250
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
25.2	55.5	0.84	0.0002

Sampled By: EC 22-Aug-06

Small jarosite-hematite stained zone of potassium feldspar-silica-pyrite infilled void in vein. Small zone, small sample.

201037 Wernecke

Grid North: UTM 7211661 N | Grid East: UTM 527528 E | Elevation | Sample Width: 5 cm | Type: Select | Strike Length Exp: 50c m | True Width: 10 cm | Host : Vein | Alteration: CB, sQZ, mSD | Metallics: mHS | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
28	0.35	1.53 %	49.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.69	43.9	0.72	0.0008

Sampled By: EC 22-Aug-06

Quartz-specular hematite-siderite malachite veins in silicified schist. Outcrop in dangerous position, veins could not be measured.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

201038 Wernecke

Grid North: | Grid East: | Type: Chip | Alteration: sKF

UTM 7211637 N | UTM 527522 E | Strike Length Exp: | Metallics: 3%HS

Elevation | Sample Width: 1 m | True Width: 1 m | Secondaries: wHE

Foliation 180°/62° W | Host : Potassium feldspar veined chloritized phyllite

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	0.06	23.8	7.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.12	56	0.58	0.0017

Sampled By: EC 23-Aug-06

Potassium feldspar-hematite veined and altered chlorite phyllite. Scintillometer readings 500-600, one small high grade patch of 1200 CPS - supergene phases.

201039 Wernecke

Grid North: | Grid East: | Type: Float | Alteration: sKF, sQZ

UTM 7211643 N | UTM 527520 E | Strike Length Exp: | Metallics: 3%HS

Elevation | Sample Width: 10 cm | True Width: | Secondaries:

Host : Quartz-potassium feldspar altered phyllite

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	9.9	6.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.05	30.3	0.52	0.0010

Sampled By: EC 23-Aug-06

Quartz-potassium feldspar veined and altered phyllite. 1000-1400 CPS in outcrop averaging 1000 CPS.

201040 Wernecke

Grid North: | Grid East: | Type: Chip | Alteration: mKF, sSI

UTM 7211660 N | UTM 527539 E | Strike Length Exp: | Metallics:

Elevation | Sample Width: 50 cm | True Width: 50 cm | Secondaries: wHE, mJA

Fault 200°/43° W | Host : Phyllite/slate

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
10	0.05	94.1	42.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.32	32.9	0.53	0.0010

Sampled By: EC 23-Aug-06

Fault zone with normal movement and elevated scintillometer response. Jarosite stained selvage.

201041 Wernecke

Grid North: | Grid East: | Type: Float | Alteration: wCL, sKF, mSI

UTM 7184716 N | UTM 521345 E | Strike Length Exp: | Metallics: 10%MG

Elevation 1160 m | Sample Width: | True Width: | Secondaries: wGE, wHE, w-mMC

Host : Proterozoic heterolithic breccia

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
34	0.69	3220	82.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.22	91.6	4.37	0.0007

Sampled By: EC 23-Aug-06

Proterozoic heterolithic breccia flat-pink to black potassium feldspar-silica-chlorite-specular hematite-magnetite matrix with minor potassium feldspar altered sub angular clasts in 10 kg boulder. Hematite-goethite malachite staining on fracture surfaces.

201042 Wernecke

Grid North: | Grid East: | Type: Select | Alteration: CB, sQZ, sAK

UTM 7184825 N | UTM 521365 E | Strike Length Exp: | Metallics: 3%CP, 5%HS

Elevation 1172 m | Sample Width: 20 cm | True Width: 20 cm | Secondaries: wGE, mHE, wMC

Vein 115°/50° S | Host : Quartz-ankerite-specular hematite-chalcopyrite vein

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
105	27.3	4.68 %	34.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.02	31.5	3.02	0.0007

Sampled By: EC 23-Aug-06

Quartz-specular hematite-ankerite-chalcopyrite vein 10-30 cm wide with malachite hematite staining. Previously sampled as 44329 SH 8/25/95.

201043 Wernecke

Grid North: | Grid East: | Type: Chip | Alteration: sKF, mQZ

UTM 7184955 N | UTM 521228 E | Strike Length Exp: 2 m | Metallics: 0.3%BO, 1%PO

Elevation | Sample Width: 50 cm | True Width: 2 m | Secondaries: trAZ, wGE, wHE, wMC

Host : Veined, sheared Proterozoic heterolithic breccia-potassium f

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
9	0.7	7120	21
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.21	15.4	2.09	0.0007

Sampled By: EC 24-Aug-06

Pink, sheared and quartz veined Proterozoic heterolithic breccia with malachite staining on joints and fractures over 2 m wide zone. Trace bornite(?), pyrrhotite(?) in veinlets

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

201044 Wernecke	Grid North:	Grid East:	Type: Select	Alteration: wBI, mCB, mCL, mKF	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7185012 N	UTM 521185 E	Strike Length Exp:	Metallics: 0.5%CP, 2%PY	397	0.95	1.05 %	57.1
	Elevation	Sample Width:	True Width:	Secondaries: mHE, wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
	Vein 070°/90°		Host : Proterozoic heterolithic breccia		26.6	38.5	2.63	0.0022
Sampled By: EC 24-Aug-06	Proterozoic heterolithic breccia - potassium feldspar-iron carbonate-silica with hematite dusted potassium feldspar. Pyrite-chalcopyrite bearing veinlets/fractures 070/90 with abundant malachite staining.							
201045 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: wCA, wCL, sKF	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7185457 N	UTM 521353 E	Strike Length Exp:	Metallics: 0.3%CP, 2%PY	17	0.86	1535	20.9
	Elevation	Sample Width:	True Width:	Secondaries: wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Proterozoic heterolithic breccia		0.69	42.6	1.42	0.0008
Sampled By: EC 24-Aug-06	Proterozoic heterolithic breccia - potassium feldspar rich breccia with disseminated pyrite and chalcopyrite and rare malachite stained fracture surfaces.							
286001 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: CB, QZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7198375 N	UTM 550386 E	Strike Length Exp:	Metallics: <1%CP, 2-3%PY	6	0.68	534	16.6
	Elevation	Sample Width:	True Width:	Secondaries: wGE, wJA	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Sedimentary rock		21.1	28.9	1.28	0.0005
Sampled By: TB 24-Jun-06	Quartz, carbonate stringers.							
286002 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: CB	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7198370 N	UTM 550388 E	Strike Length Exp:	Metallics: <1%CP, 2-3%PY, trFL	<5	0.16	56.7	15.2
	Elevation	Sample Width:	True Width:	Secondaries: mJA	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host :		0.96	49.6	1.74	0.0007
Sampled By: TB 24-Jun-06	Fluorite, chalcopyrite and pyrite in ankerite-calcite float. Just above 286001 in a creek bed.							
286003 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: CB, QZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7198259 N	UTM 550470 E	Strike Length Exp: 10 m	Metallics: 3-5%PY	5	0.04	651	13.9
	Elevation	Sample Width: 25 cm	True Width: 25 cm	Secondaries: sGE, sJA	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Sedimentary rock		0.17	8.8	0.43	0.0005
Sampled By: TB 24-Jun-06	Quartz-carbonate stringers with pyrite, 10-15 cm wide over 5 m in outcrop on east side of the creek.							
286004 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: CB, QZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7197877 N	UTM 550725 E	Strike Length Exp:	Metallics: 3-5%CP, 1-2%PY	<5	0.37	1.37 %	91.7
	Elevation	Sample Width:	True Width:	Secondaries: sGE, sMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Sedimentary rock		0.46	67.8	0.77	0.0005
Sampled By: TB 24-Jun-06	Several blocks of this along edge of a moraine and outcrop. Subcrop?							

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286005 Wernecke

Grid North: UTM 7197172 N | Grid East: UTM 551838 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock
Alteration: sCB, sQZ | Metallics: 1%PY, 1-2%PY | Secondaries: mGE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
20	0.06	2040	17.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.59	61.1	1.78	0.0005

Sampled By: TB 24-Jun-06

Small 5-10 cm wide quartz carbonate stringers with pyrite and chalcopyrite in sidehill talus.

286006 Wernecke

Grid North: UTM 7197065 N | Grid East: UTM 552036 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock
Alteration: sCB, wQZ | Metallics: 1-2%CP, 1-2%PY, 1-2%S | Secondaries: mGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
5	0.19	99.8	13.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.78	26.6	0.76	0.0012

Sampled By: TB 24-Jun-06

Calcite, ankerite stringers with chalcopyrite, zunyite, pyrite in sidehill talus.

286007 Wernecke

Grid North: UTM 7197049 N | Grid East: UTM 552110 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock
Alteration: sCB | Metallics: 1-2%PY, 2-3%SP | Secondaries: wGE, sJA, sSM

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
9	0.65	59.4	28.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.87	27.4	1.32	0.0021

Sampled By: TB 24-Jun-06

Sample more calcite-ankerite stringers in talus below cliffs.

286008 Wernecke

Grid North: UTM 7196681 N | Grid East: UTM 532868 E | Elevation | Sample Width: 2 m 160°/?°
Type: Grab | Strike Length Exp: 10 m | True Width: 2 m | Host : Breccia
Alteration: | Metallics: 10-20%HS | Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
13	0.07	14.7	7.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.25	25.4	1.09	0.0005

Sampled By: TB 25-Jun-06

3-4 m dyke cuts through sedimentary rocks on creek bank. Sample across footwall side of dyke.

286009 Wernecke

Grid North: UTM 7196681 N | Grid East: UTM 532868 E | Elevation | Sample Width: 2
Type: Grab | Strike Length Exp: | True Width: | Host : Breccia
Alteration: | Metallics: 5-10%HS | Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	7.3	4.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.07	22.5	1.6	0.0005

Sampled By: TB 25-Jun-06

Sample hanging wall side of dyke. High scintillometer readings near contacts. Background scintillometer reading here is 90-100 CPS.

286010 Wernecke

Grid North: UTM 7196638 N | Grid East: UTM 532905 E | Elevation | Sample Width: 2 m
Type: Grab | Strike Length Exp: 20 m | True Width: 2 m | Host : Breccia
Alteration: sBI | Metallics: 5-10%HS, <1%PY | Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
19	0.09	468	61.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.15	46.4	1.04	0.0003

Sampled By: TB 25-Jun-06

Grab across breccia outcrop with high scintillometer reading 50 m down creek from 286008 and 286009.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286011 Wernecke

Grid North: UTM 7196553 N | Grid East: UTM 532963 E | Type: Grab | Alteration: sBI
Elevation | Sample Width: 2 m | True Width: 2 m | Strike Length Exp: | Metallics: 5-10%HS | Secondaries: mHE
Host : Breccia

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	5	7.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.03	23.6	1.32	0.0003

Sampled By: TB 25-Jun-06

Sample across breccia outcrop with high scintillometer reading. 50 m downstream from 286010.

286012 Wernecke

Grid North: UTM 7196530 N | Grid East: UTM 532987 E | Type: Grab | Alteration:
Elevation | Sample Width: 2 m | True Width: 2 m | Strike Length Exp: 25+ m | Metallics: 10-20%HS | Secondaries: sHE
Host : Breccia

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
57	0.04	3.7	15.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.28	25.5	0.62	0.0003

Sampled By: TB 25-Jun-06

Sample more breccia outcrop with high scintillometer reading.

286013 Wernecke

Grid North: UTM 7196495 N | Grid East: UTM 533037 E | Type: Grab | Alteration:
Elevation | Sample Width: 1.5 m | True Width: 1.5 m | Strike Length Exp: | Metallics: 5-7%HS | Secondaries: mHE
Host : Sedimentary rock

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
5	0.06	2.5	3.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.06	6.4	1.26	0.0004

Sampled By: TB 25-Jun-06

Sample sedimentary rocks on downstream side of breccia contact. Good strong scintillometer reading here.

286014 Wernecke

Grid North: UTM 7196438 N | Grid East: UTM 533076 E | Type: Grab | Alteration:
Elevation | Sample Width: 2 m | True Width: 2 m | Strike Length Exp: | Metallics: 3-5%HS | Secondaries: mHE
Host : Sedimentary rock

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	2	9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.03	33.6	1.11	0.0003

Sampled By: TB 25-Jun-06

Sample more sedimentary rocks with good scintillometer readings a mix of sedimentary rocks and breccia here.

286015 Wernecke

Grid North: UTM 7196403 N | Grid East: UTM 533085 E | Type: Grab | Alteration:
Elevation | Sample Width: 2 m | True Width: 2 m | Strike Length Exp: | Metallics: 10-15%HS | Secondaries: mHE
Host : Sedimentary rock/Breccia

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
15	0.04	2.1	9.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.1	23	0.65	0.0005

Sampled By: TB 25-Jun-06

Sample sedimentary rock breccia outcrop with very high scintillometer readings.

286016 Wernecke

Grid North: UTM 7196381 N | Grid East: UTM 533111 E | Type: Grab | Alteration:
Elevation | Sample Width: 1.5 m | True Width: 1.5 m | Strike Length Exp: | Metallics: 3-5%HS | Secondaries: wHE
Host : Sedimentary rock/Breccia

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	2.5	5.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.49	12.4	0.78	0.0003

Sampled By: TB 25-Jun-06

Very strong scintillometer reading here.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286017 Wernecke

Grid North: UTM 7196171 N | Grid East: UTM 533241 E | Elevation | Sample Width: 2 m | True Width: 2 m

Type: Grab | Strike Length Exp: | Host : Sedimentary rock

Alteration: | Metallics: 3-5%HS | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	9.1	29.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.27	45.4	0.46	0.0003

Sampled By: TB 25-Jun-06

Sample more outcrop at creek forks.

286018 Wernecke

Grid North: UTM 7210677 N | Grid East: UTM 563568 E | Elevation | Sample Width: | True Width:

Type: Float | Strike Length Exp: | Host : Sedimentary rock

Alteration: sCB | Metallics: | Secondaries: mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	27.9	22.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.52	14.5	1.3	0.0003

Sampled By: TB 26-Jun-06

Calcite in sedimentary rocks.

286019 Wernecke

Grid North: UTM 7195097 N | Grid East: UTM 561773 E | Elevation | Sample Width: | True Width:

Type: Float | Strike Length Exp: | Host : Sedimentary rock

Alteration: sCB, sQZ | Metallics: <1%PY | Secondaries: wGE, sHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.06	29.3	15.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.3	31.2	1.37	0.0001

Sampled By: TB 27-Jun-06

Quartz-calcite-ankerite stringers in sedimentary rock talus.

286020 Wernecke

Grid North: UTM 7194969 N | Grid East: UTM 561948 E | Elevation | Sample Width: | True Width:

Type: Float | Strike Length Exp: | Host : Sedimentary rock

Alteration: sCB | Metallics: 2-3%CP, 1-2%PY | Secondaries: sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
21	2.17	7900	36
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.93	42.6	0.95	0

Sampled By: TB 27-Jun-06

Big blocks of calcite-siderite in talus with chalcopyrite and pyrite.

286021 Wernecke

Grid North: UTM 7202741 N | Grid East: UTM 546515 E | Elevation | Sample Width: | True Width:

Type: Float | Strike Length Exp: | Host : Breccia

Alteration: sBI | Metallics: 3-5%HS | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	30.7	12.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.05	36.2	0.67	0.0002

Sampled By: TB 28-Jun-06

Sample over 1 m in big blocky subcrop on sidehill. Higher than background scintillometer reading in one small area.

286022 Wernecke

Grid North: UTM 7203217 N | Grid East: UTM 546894 E | Elevation | Sample Width: | True Width:

Type: Float | Strike Length Exp: | Host : Breccia

Alteration: | Metallics: 3-5%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	75.6	3.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.03	16	0.46	0.0003

Sampled By: TB 28-Jun-06

Sample in big subcrop boulders over 1 m. Small area with elevated scintillometer readings.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286023 Wernecke

Grid North: UTM 7172248 N | Grid East: UTM 530197 E | Elevation | Sample Width: | True Width:
Type: Float | Strike Length Exp: | Host : Sedimentary rock
Alteration: | Metallics: 5-7%CP, trPY | Secondaries: mHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	6.59	9610	8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.41	22.9	4.13	0

Sampled By: TB 29-Jun-06

Quartz-ankerite float below cliff. Only 2 rocks in the area with chalcopyrite.

286024 Wernecke

Grid North: UTM 7172444 N | Grid East: UTM 529316 E | Elevation | Sample Width: 2 m | True Width:
Type: Grab | Strike Length Exp: | Host : Sedimentary rock
Alteration: sMS | Metallics: trCP | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.05	16.4	7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.61	16.9	3.93	0.0003

Sampled By: TB 29-Jun-06

High scintillometer readings over 2 m area in shale.

286025 Wernecke

Grid North: UTM 7172397 N | Grid East: UTM 529338 E | Elevation | Sample Width: 1 m | True Width:
Type: Grab | Strike Length Exp: | Host : Sedimentary rock
Alteration: mCB, mMS | Metallics: 1-2%PY | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.28	347	78.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
11.95	107.5	13.65	0.0002

Sampled By: TB 29-Jun-06

Quartz-calcite stringers in dark shale with minor pyrite.

286026 Wernecke

Grid North: UTM 7214232 N | Grid East: UTM 530255 E | Elevation | Sample Width: 1 m | True Width: 1 m | Bedding 050°/25° NW
Type: Grab | Strike Length Exp: 10 m | Host : Sedimentary rock
Alteration: mMS | Metallics: | Secondaries: mHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.17	32.2	6.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.21	7.8	0.36	0.0002

Sampled By: TB 30-Jun-06

High scintillometer readings over 1 m area in banded shale. Quartz stringers (5 cm wide) cross cut bedding here (Strike: 300 degrees, Dip: Vertical)

286027 Wernecke

Grid North: UTM 7214220 N | Grid East: UTM 530262 E | Elevation | Sample Width: 50 cm | True Width: 50 cm | Bedding 010°/35° NW
Type: Grab | Strike Length Exp: | Host : Sedimentary rock
Alteration: mMS | Metallics: | Secondaries: mHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.56	81.6	7.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.16	7.9	1.02	0.0002

Sampled By: TB 30-Jun-06

Across small fault from 286026, sample of quartz stringers 5-10 cm wide that cross-cut bedding.

286028 Wernecke

Grid North: UTM 7214034 N | Grid East: UTM 530272 E | Elevation | Sample Width: 1.5 m | True Width: 1.5 m | Bedding 030°/20° NW
Type: Grab | Strike Length Exp: | Host : Sedimentary rock
Alteration: wMS | Metallics: | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.05	7.6	2.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.11	5.8	0.74	0.0005

Sampled By: TB 30-Jun-06

Sample in 2 m wide area in black shale with quartz stringers cross-cut bedding.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286029 Wernecke

Grid North: UTM 7212725 N | Grid East: UTM 529669 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock
Alteration: wMS | Metallics: | Secondaries: mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	0.15	31.5	3.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.23	13.1	1.86	0.0006

Sampled By: TB 30-Jun-06

Sample in shale talus. Good strong scintillometer reading over 1m. Grab in talus over 50 cm . Quartz stringers in shale.

286030 Wernecke

Grid North: UTM 7212817 N | Grid East: UTM 529448 E | Elevation | Sample Width: 1 m
Type: Grab | Strike Length Exp: 50+ m | True Width: 1 m | Host : Sedimentary rock
Alteration: sCB | Metallics: trPY | Secondaries: sGE, sHE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.61	24.5	3.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.49	8.9	2.05	0.0006

Sampled By: TB 30-Jun-06

Sample in lower section of gossan in black shale.

286031 Wernecke

Grid North: UTM 7202308 N | Grid East: UTM 531386 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Breccia
Alteration: sMS | Metallics: 2-3%CP, 1-2%HS, 1-2%F | Secondaries: sHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
9	0.19	1955	11.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.13	15	1.73	0.0009

Sampled By: TB 01-Jul-06

Sample sidehill float with pyrite and fluorite. Grab from 3 talus rocks. Subcrop.

286032 Wernecke

Grid North: UTM 7202307 N | Grid East: UTM 531395 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Breccia
Alteration: sCB, mMS | Metallics: 3-5%HS, 1-2%FL | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
10	0.04	43.5	13.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.03	27.1	1.35	0.0003

Sampled By: TB 01-Jul-06

Sample is located 5 m above previous sample 286031. Sample of more breccia float with fluorite. Subcrop

286033 Wernecke

Grid North: UTM 7202254 N | Grid East: UTM 531384 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Breccia
Alteration: | Metallics: 1-2%CP, 10-15%HS, 3-5 | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	0.14	1575	25.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.21	17	1.69	0.0005

Sampled By: TB 01-Jul-06

Chalcopyrite and fluorite in breccia in sidehill float. Subcrop.

286034 Wernecke

Grid North: UTM 7201816 N | Grid East: UTM 531387 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Breccia
Alteration: mMS | Metallics: 5-7%HS, 1-2%FL | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	12.6	9.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.01	12.2	1.63	0.0004

Sampled By: TB 01-Jul-06

Fluorite in breccia float below cliff.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286035 Wernecke

Grid North: UTM 7201787 N | Grid East: UTM 531358 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Breccia
Alteration: | Metallics: 3-5%HS, 50%BA | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	128.5	4.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.04	3.9	0.71	0.0003

Sampled By: TB 01-Jul-06

Big blocks of barite with fluorite in talus below cliffs.

286036 Wernecke

Grid North: UTM 7201857 N | Grid East: UTM 531317 E | Elevation | Sample Width: 1 m
Type: Grab | Strike Length Exp: | True Width: 1 m | Host : Breccia
Alteration: sBI, sMS | Metallics: 10-15%HS | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	6.6	8.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.11	18.8	1.76	0.0005

Sampled By: TB 01-Jul-06

High scintillometer reading in breccia outcrop.

286037 Wernecke

Grid North: UTM 7202755 N | Grid East: UTM 546046 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock
Alteration: mMS | Metallics: 10-15%HS, 2-3%PY | Secondaries: mHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
58	0.42	2.9	261
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.78	21.2	0.57	0.0003

Sampled By: TB 03-Jul-06

Float with pyrite and specular hematite in creek.

286038 Wernecke

Grid North: UTM 7202677 N | Grid East: UTM 546041 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: | Metallics: trCP, 60%HS, 40%MG | Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
29	0.04	22	25.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.8	67.9	0.76	0.0003

Sampled By: TB 03-Jul-06

Massive magnetite and specular hematite float in creek bed.

286039 Wernecke

Grid North: UTM 7201038 N | Grid East: UTM 545655 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Breccia
Alteration: | Metallics: 10-15%HS, 7-10%PY | Secondaries: sHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
19	0.31	52.5	98.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
6.93	120	4.07	0.0003

Sampled By: TB 03-Jul-06

Breccia float in creek bed contains pyrite.

286040 Wernecke

Grid North: UTM 7225623 N | Grid East: UTM 518391 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock
Alteration: mCL, sQZ | Metallics: | Secondaries: mHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	2.5	6.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.1	12	0.44	0.0001

Sampled By: TB 04-Jul-06

Sample from quartz flooded sedimentary rocks in subcrop.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286041 Wernecke

Grid North: UTM 7214637 N | Grid East: UTM 541120 E | Elevation | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Breccia | Alteration: | Metallics: 1-2%PY | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	0.3	14.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.14	8.6	0.24	0.0002

Sampled By: TB 05-Jul-06

Sample of subcrop on sidehill.

286042 Wernecke

Grid North: UTM 7214530 N | Grid East: UTM 541200 E | Elevation | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Breccia | Alteration: | Metallics: 2-3%PY | Secondaries: mHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	9.7	308
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.16	39.6	0.31	0.0004

Sampled By: TB 05-Jul-06

Sample subcrop on sidehill

286043 Wernecke

Grid North: UTM 7217929 N | Grid East: UTM 558530 E | Elevation | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock | Alteration: sCL | Metallics: 3-5%HS, 1%PY | Secondaries: sHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	0.05	22.1	11.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.31	13.8	0.96	0.0002

Sampled By: TB 10-Jul-06

Sample from sidehill talus contains disseminated pyrite above contact.

286044 Wernecke

Grid North: UTM 7217937 N | Grid East: UTM 558700 E | Elevation | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock | Alteration: sCL | Metallics: 10-15%PY | Secondaries: sGE, sHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
8	1.9	526	165
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
7.41	45.6	2.72	0.0001

Sampled By: TB 10-Jul-06

Sample of float below cliffs containing coarse pyrite. A few float rocks of this stuff here.

286045 Wernecke

Grid North: UTM 7199689 N | Grid East: UTM 573331 E | Elevation | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Breccia | Alteration: | Metallics: 1-2%CP, 5-7%HS | Secondaries: mHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.19	891	24.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.22	34.1	4.54	0.0003

Sampled By: TB 12-Jul-06

Sample from talus below cliffs. Lots of this float here. Disseminated chalcopyrite in breccia.

286046 Wernecke

Grid North: UTM 7199670 N | Grid East: UTM 573330 E | Elevation | Sample Width: 1 m | Type: Grab | Strike Length Exp: | True Width: 1 m | Host : Breccia | Alteration: | Metallics: 1%CP, 1-2%PY | Secondaries: mHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	0.16	798	23.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.33	25.6	2.47	0.0003

Sampled By: TB 12-Jul-06

Grab from outcrop in lower cliffs.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286047 Wernecke

Grid North: UTM 7199817 N | Grid East: UTM 573396 E | Elevation | Sample Width: | True Width: | Type: Float | Strike Length Exp: | Host : Breccia | Alteration: | Metallics: 5-7%MG | Secondaries: mHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.05	20	10.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.11	20.2	1.01	0.0003

Sampled By: TB 12-Jul-06

Sample of float at drop off spot.

286048 Wernecke

Grid North: UTM 7199677 N | Grid East: UTM 573267 E | Elevation | Sample Width: | True Width: | Type: Float | Strike Length Exp: | Host : Sedimentary rock | Alteration: sCB, | Metallics: 2-3%CP, 3-5%MG, 5-10% | Secondaries: sGE, sHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
17	1.04	3920	548
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
3.31	94.4	0.85	0.001

Sampled By: TB 12-Jul-06

Sample of float below gossan in cliffs. Lots of this material here.

286049 Wernecke

Grid North: UTM 7199633 N | Grid East: UTM 573260 E | Elevation | Sample Width: 50 cm | True Width: 50 cm | Type: Grab | Strike Length Exp: | Host : Breccia | Alteration: sCB | Metallics: 1-2%CP, 3-5%PY | Secondaries: sGE, sHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	28	58.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.12	22.2	0.74	0.0003

Sampled By: TB 12-Jul-06

Grab from gossan in breccia, 5m from sedimentary rock contact.

286050 Wernecke

Grid North: UTM 7199711 N | Grid East: UTM 573150 E | Elevation | Sample Width: 50 cm | True Width: 50 cm | Type: Grab | Strike Length Exp: | Host : Banded sedimentary rock | Alteration: sCL | Metallics: <1%CP, trPY | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	225	1.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.03	11.6	0.82	0.0162

Sampled By: TB 12-Jul-06

High scintillometer reading over 50 cm in banded sedimentary rock. Up to 2450 CPS on the outcrop. Quartz stringers are 1 mm with chalcopyrite and black sooty material.

286051 Wernecke

Grid North: UTM 7197775 N | Grid East: UTM 555484 E | Elevation 1305 m | Sample Width: | Bedding 210°/20° W | True Width: | Type: Grab | Strike Length Exp: | Host : Green 1mm bedded phyllite | Alteration: wCB, wCL, wQZ | Metallics: trCP | Secondaries: trAZ, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	308	20.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.37	46.6	0.94	0.0008

Sampled By: DC 24-Jun-06

East facing malachite zone 6 x 10 m. Quartz sweats on slickensides. Weakly chloritized with 1mm iron-carbonate veinlets throughout. Diagram on back of rock card depicting sample location.

286052 Wernecke

Grid North: UTM 7197676 N | Grid East: UTM 555496 E | Elevation 1227 m | Sample Width: | True Width: | Type: Float | Strike Length Exp: | Host : Phyllite | Alteration: sCL, sEP | Metallics: 1%CP, 2%HS, 2%CC? | Secondaries: mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.05	532	28.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.02	122	3.19	0.0002

Sampled By: DC 24-Jun-06

Angular 20 x 15 x 10 m block in talus 4 m south of spire. Specularite veins are 1 mm wide with strong chlorite alteration quartz-carbonate in slickensides. Structurally controlled mineralization/alteration.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286053 Wernecke

Grid North: UTM 7196868 N | Grid East: UTM 555069 E | Elevation 1216 m | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Light green phyllite
Alteration: sQZ | Metallics: 5%PY | Secondaries: mMN, sLM

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
16	0.45	492	111.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
5.44	192	28.4	0.0003

Sampled By: DC 24-Jun-06

Angular football sized orange limonite stained phyllite with 6 cm wide quartz vein. Brittle quartz with 5 % clustered pyrite. 50 x 20 x 10 m gossan zone upslope in bluff.

286054 Wernecke

Grid North: UTM 7196297 N | Grid East: UTM 554287 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Felsic, fine-grained
Alteration: SI | Metallics: 2%CP | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
61	0.23	1815	372
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.28	26.6	1.21	0.0018

Sampled By: DC 24-Jun-06

Blocky quartz rich rock with splotchy chalcopyrite, malachite looks good.

286055 Wernecke

Grid North: UTM 7196270 N | Grid East: UTM 554179 E | Elevation | Sample Width:
Bedding 338°/82° N
Type: Grab | Strike Length Exp: 25 m | True Width: | Host : Phyllite?
Alteration: CB, mQZ | Metallics: trBO, 2%CP | Secondaries: wAZ, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
11	0.47	1.43 %	20.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.77	17.6	3.03	0.0009

Sampled By: DC 24-Jun-06

Scintillometer reading of 480 CPS in 1.5-2 m across bedding. Could have potential shear zone. Steep bluffs, sourced of previous sample.

286056 Wernecke

Grid North: UTM 7196292 N | Grid East: UTM 554215 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: mQZ | Metallics: 0.5%BO, 5%CP | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
349	3.41	5.38 %	89.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
3.15	54.4	3.03	0.0004

Sampled By: DC 24-Jun-06

30 x 20 x 15 m block in talus. 5 % of blocky talus 25 m below steep vertical bluffs. Very splashy chalcopyrite and trace bornite.

286057 Wernecke

Grid North: UTM 7193178 N | Grid East: UTM 534912 E | Elevation 1327 m | Sample Width:
Type: Float + Grab | Strike Length Exp: | True Width: | Host : Black slate
Alteration: wSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	162	7.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.34	12.9	0.44	0.0007

Sampled By: DC 25-Jun-06

Uranium. CPS high. Slate boulder 2 x 1 x 0.1 m on north bank of creek. Diagram drawn on reverse of rock sheet showing sample location.

286058 Wernecke

Grid North: UTM 7193190 N | Grid East: UTM 534890 E | Elevation 1326 m | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Slate or argillite
Alteration: | Metallics: 0.5%PY | Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.08	339	12.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.77	15.8	0.93	0.0007

Sampled By: DC 25-Jun-06

Boulder (3.5 x 2 x 0.3 m) 25 m downstream (west-southwest) from previous sample. Highest scintillometer reading occurs in a rusty zone 3-4 cm wide in boulder.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286059 Wernecke

Grid North: UTM 7193942 N | Grid East: UTM 533778 E | Elevation 1284 m | Sample Width: 1 m | Bedding 190°/40° E

Type: Chip | Strike Length Exp: 25 m | True Width: 2.5 m | Host : Grey-black fissile shale

Alteration: wCB | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	39.2	8.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.17	21.4	0.98	0.0005

Sampled By: DC 25-Jun-06

This outcrop divides the talus/outcrop boundary. Creek is 150 m below northeast facing slope. No visible sulfides.

286060 Wernecke

Grid North: UTM 7208137 N | Grid East: UTM 554843 E | Elevation 1127 m | Sample Width: 0.25 m | Bedding 256°/22° N

Type: Chip | Strike Length Exp: 2 m | True Width: | Host : Green-grey metasedimentary rock with pronounced fabric

Alteration: wCL | Metallics: | Secondaries: wLM

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.04	31.5	7.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.55	23.5	1.32	0.0007

Sampled By: DC 26-Jun-06

240-400 CPS. North bank of creek. Strong fabric almost schistose slight orange yellow limonite to catch the eye. Chip is perpendicular to bedding.

286061 Wernecke

Grid North: UTM 7208177 N | Grid East: UTM 554861 E | Elevation | Sample Width: 0.3 m | Bedding 220°/24° NW

Type: Chip | Strike Length Exp: 5 m | True Width: | Host : Grey green phyllite

Alteration: wCB, wQZ | Metallics: | Secondaries: mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.19	60.6	4.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.48	7.7	3.86	0.0017

Sampled By: DC 26-Jun-06

Rusty orange 5 x 2 m exposure. Average scintillometer reading of 300-400 CPS. Northwest side of creek, 20 m above creek bed.

286062 Wernecke

Grid North: UTM 7208185 N | Grid East: UTM 554864 E | Elevation 1121 m | Sample Width: 3 cm | Vein 220°/18° NW

Type: Grab | Strike Length Exp: 2.5 m | True Width: 3 cm | Host : Grey-green metasedimentary rock (fissile)

Alteration: sQZ | Metallics: | Secondaries: mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.6	88.2	4.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
15.45	3.5	1.12	0.0004

Sampled By: DC 26-Jun-06

In same outcrop as previous. 0.5 m up section in stratigraphy, 35 m north of previous sample. Rusty orange vuggy quartz.

286063 Wernecke

Grid North: UTM 7208212 N | Grid East: UTM 554897 E | Elevation 1120 m | Sample Width: | Bedding 210°/20° NW

Type: Grab | Strike Length Exp: | True Width: | Host : Fissile grey-green phyllite

Alteration: wCB | Metallics: | Secondaries: mJA, wMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.3	143.5	12
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
3.54	20.2	3.91	0.0015

Sampled By: DC 26-Jun-06

Strong rust-orange weathering possibly associate with higher CPS? Northwest side of creek in outcrop, 15 m above creek bed. Hot beds strike ~15m downslope to the north.

286064 Wernecke

Grid North: UTM 7203401 N | Grid East: UTM 543668 E | Elevation 866 m | Sample Width: 4 | Joint 162°/58° E

Type: Select | Strike Length Exp: 0.06 m | True Width: | Host : Light grey green shale - fissile

Alteration: wCL, wQZ | Metallics: 1.5%CP | Secondaries: wJA, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
16	0.59	4780	39.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.85	47.1	0.94	0.0006

Sampled By: DC 28-Jun-06

Chalcopyrite to 1% and weak malachite in <0.1mm wide quartz veinlets and chlorite alteration are parallel to fabric in rock. Just under the rim of a bluff. Patchy malachite sweats.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286065 Wernecke

Grid North: UTM 7203426 N | Grid East: UTM 543716 E | Elevation 829 m | Sample Width: 2 cm | Vein/Bedding 168°/22° W

Type: Select | Strike Length Exp: 2 m | True Width: 2 cm | Host : Grey green shale or phyllite

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

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
35	0.06	2890	13.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.14	21.2	0.57	0.0003

Sampled By: DC 28-Jun-06

Bluff 15 m above talus boulder. malachite is sweating out of joint face. Quartz vein is parallel to fabric in rock. Stronger deformation/foliation in this area of bluffs.

286066 Wernecke

Grid North: UTM 7203426 N | Grid East: UTM 543716 E | Elevation | Sample Width:

Type: | Strike Length Exp: | True Width: | Host :

Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
			0.0003

Sampled By: DC 28-Jun-06

286067 Wernecke

Grid North: UTM 7203464 N | Grid East: UTM 543717 E | Elevation 837 m | Sample Width: | Joint 310°/80° NE

Type: Grab | Strike Length Exp: | True Width: | Host : Light grey green phyllite

Alteration: sCB, sCL | Metallics: 2%CP | Secondaries: wAG, mHE, wMC, mHS

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
35	0.14	2630	28.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.92	51.7	0.43	0.0011

Sampled By: DC 28-Jun-06

Copper is disseminated to clustered and appears associate with calcite-hematite alteration. Mineralization is in rock fabric parallel to bedding or foliation? Strong joint sets. Bedding oriented 022/86 N.

286068 Wernecke

Grid North: UTM 7203464 N | Grid East: UTM 543707 E | Elevation | Sample Width:

Type: Grab | Strike Length Exp: | True Width: | Host : Green-grey phyllite

Alteration: sCL | Metallics: 3%CP | Secondaries: wAZ, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
66	0.12	4840	55.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.55	85.7	0.3	0.0004

Sampled By: DC 28-Jun-06

Strong grade of chalcopyrite and iron rust. Sample is 0.35 cm higher in the stratigraphy. Appears associated with north-south oriented faulting (slickensides on outcrop face).

286069 Wernecke

Grid North: UTM 7175726 N | Grid East: UTM 523602 E | Elevation | Sample Width: | Vein 350°/°

Type: Grab | Strike Length Exp: 4 m | True Width: | Host : Fissile grey-black shale

Alteration: mCL, wSI | Metallics: | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.04	65.8	10.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.42	27.9	0.9	0.0003

Sampled By: DC 29-Jun-06

Quartz breccia vein is 0.5 m wide with host rock rip up clasts and trends 350 degrees in blocky talus.

286070 Wernecke

Grid North: UTM 7175854 N | Grid East: UTM 523177 E | Elevation 1687 m | Sample Width: 5 cm

Type: Float | Strike Length Exp: | True Width: | Host : Greywacke

Alteration: mCL, wMS, wSI | Metallics: 0.5%CP | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	1.2	1095	40.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.04	44.5	0.75	0.0001

Sampled By: DC 29-Jun-06

Boulder (0.35 x 0.25 x 0.7 cm in felsenmere catchment. Chalcopyrite is blebby to clustered inconsistent and associated with quartz-carbonate veinlets 1-2mm thick.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286071 Wernecke

Grid North: UTM 7176121 N | Grid East: UTM 523000 E | Elevation 1540 m | Sample Width: | 358°/°

Type: Float | Strike Length Exp: 50 m | True Width: | Host : Light grey-green metasedimentary rock

Alteration: QZ, trSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.22	9.5	3.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.03	3.5	0.53	0

Sampled By: DC 29-Jun-06

White, brittle quartz with intense fracturing. manganese staining, trace very fine-grained silver sulfide. Quartz blocks average 15 x 10 cm and trends north for 50 m.

286072 Wernecke

Grid North: UTM 7206885 N | Grid East: UTM 531795 E | Elevation | Sample Width: | True Width: | Host : Dolomite?

Type: Float | Strike Length Exp: | Alteration: sQZ, sSI | Metallics: 2%CP, trPY | Secondaries: trMC, mAK?

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
9	1.48	1990	14.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.34	5.6	0.72	0.0001

Sampled By: DC 01-Jul-06

North bank of creek. Siliceous quartz-carbonate stockwork boulder, that is rounded and 0.3 x 0.3 x 0.3 m in size. Dull, dark orange-red oxide. Chalcopyrite is associated with red oxide and veining.

286073 Wernecke

Grid North: UTM 7207639 N | Grid East: UTM 531988 E | Elevation | Sample Width: | True Width: | Host : Unknown

Type: Float | Strike Length Exp: | Alteration: sQZ | Metallics: 1.5%CP | Secondaries: wCC, mJA, mMC, trHS

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
15	1.72	2730	30.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.01	29.1	1.04	0.0004

Sampled By: DAC 01-Jul-06

Quartz float is 15 x 10 x 5 cm . Weak azurite, fine-grained patchy chalcopyrite, trace specularite. On east bank of creek near 2 m high waterfall.

286074 Wernecke

Grid North: UTM 7207758 N | Grid East: UTM 531961 E | Elevation | Sample Width: | True Width: | Host : Unknown

Type: Float | Strike Length Exp: | Alteration: mCB, sQZ, sSI | Metallics: 1%CP | Secondaries: sAK, trMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	1.03	1430	1.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.22	2.5	0.74	0

Sampled By: DC 01-Jul-06

Fist sized, siliceous. Entire piece taken. Northwest bank of creek. Chalcopyrite associated with quartz-carbonate (ankerite) alteration.

286075 Wernecke

Grid North: UTM 7235402 N | Grid East: UTM 521193 E | Elevation 749 m | Sample Width: | True Width: | Host : Conglomerate - fine-grained grey-black

Type: Float | Strike Length Exp: | Alteration: wSI | Metallics: 1.5%CP, 2%HS | Secondaries: wJA, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
11	0.08	833	78
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.2	23.1	0.94	0.0002

Sampled By: DC 02-Jul-06

Very patchy chalcopyrite with malachite. Chalcopyrite is in coarse blebs and fine-grained fragments. Breccia/conglomerate fragments have hematite staining.

286076 Wernecke

Grid North: UTM 7203016 N | Grid East: UTM 543475 E | Elevation | Sample Width: 8 cm | True Width: 8 cm | Vein+Fault 184°/68° W | Host : Light grey green platy to fissile shale

Type: Select | Strike Length Exp: 2 m | Alteration: mCB, mCL, mQZ, wSI | Metallics: 1.5%CP | Secondaries: wGE, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	0.08	754	12.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.65	16.2	0.57	0.0001

Sampled By: DC 03-Jul-06

Vein, 8 cm wide, in shear. Malachite stain is also present on shears/joint perpendicular to structure sampled.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286077 Wernecke

Grid North: UTM 7203026 N | Grid East: UTM 543464 E | Elevation | Sample Width: | Bedding 170°/20° W

Type: Grab | Strike Length Exp: | True Width: | Host : Light grey green phyllite/shale

Alteration: mCB, sCL, mQZ | Metallics: 2%CP | Secondaries: mJA, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
24	0.55	6640	26.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
4.75	59.9	0.81	0.0002

Sampled By: DC 03-Jul-06

Opposite (north) side of creek from previous sample. Strong jointing or fault. Malachite staining is strong on this fault plane.

286078 Wernecke

Grid North: UTM 7203060 N | Grid East: UTM 543457 E | Elevation 1204 m | Sample Width: | Fault 178°/70° W

Type: Grab | Strike Length Exp: | True Width: | Host : Grey-green fissile shale/phyllite

Alteration: wCA, mCB, sCL, wQZ | Metallics: 3%CP | Secondaries: mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
30	0.71	5030	23.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.99	49.3	0.89	0.0015

Sampled By: DC 03-Jul-06

Small shear ~8 m wide perpendicular to fault (main outcrop face with slickensides). Host rock.

286079 Wernecke

Grid North: UTM 7224104 N | Grid East: UTM 519847 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Siliceous phyllite or quartzite (light grey-green)

Alteration: mSI | Metallics: 0.5%CP | Secondaries: mSD, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
5	0.18	667	64.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.11	36	1.18	0.0002

Sampled By: DC 04-Jul-06

Buckbrush, talus. Blocks is 10 x 5 x 3 cm on 30 degree east facing slope.

286080 Wernecke

Grid North: UTM 7224096 N | Grid East: UTM 519843 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host :

Alteration: sQZ, sSI | Metallics: 2%CP | Secondaries: wHE, mJA, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
5	2.62	5440	17.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
14.55	9.3	36.5	0.0009

Sampled By: DC 04-Jul-06

Laterally, 10 m south of previous sample at sample elevation. From talus, melon-sized vuggy quartz with small crystals and strong orange rust alteration.

286081 Wernecke

Grid North: UTM 7224095 N | Grid East: UTM 519843 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host :

Alteration: sKA? | Metallics: 2%CP | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
18	0.2	2890	121.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.34	34.2	1.04	0.0002

Sampled By: DC 04-Jul-06

Boulder is 35 x 25 x 15 cm in talus train. 2 m south of previous sample. Strong argillaceous alteration?

286082 Wernecke

Grid North: UTM 7224171 N | Grid East: UTM 519873 E | Elevation 1101 m | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host :

Alteration: sQZ, sSD | Metallics: 3%CP | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.36	7020	10.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.27	6.8	1.13	0.0003

Sampled By: DC 04-Jul-06

Better chalcopyrite grade in this sample. Chalcopyrite is associated with iron carbonate. Weak reddish rust on weathered surface. Football sized float.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286083 Wernecke

Grid North: UTM 7217911 N | Grid East: UTM 538433 E | Elevation | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Quartz-chlorite-specularite-magnetite | Alteration: sCL, sQZ | Metallics: 10%HS, 2%MG | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	29.8	1.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.01	6.6	0.66	0.0002

Sampled By: DC 05-Jul-06

From talus fan, 100 m above creek. Chlorite, hematite slickensides on fracture/joint plane of sample.

286084 Wernecke

Grid North: UTM 7198882 N | Grid East: UTM 573161 E | Elevation 1607 m | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Siltstone breccia | Alteration: mSD | Metallics: 2%CP | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
23	0.33	4130	62.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.26	40.6	1.15	0.0007

Sampled By: DC 12-Jul-06

Boulder (0.5 x 0.3 x 0.2 m) in block talus. Coarse argillaceous clast 1-3 cm .

286085 Wernecke

Grid North: UTM 7198711 N | Grid East: UTM 573044 E | Elevation | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Siliceous dark grey mudstone | Alteration: mQZ, mSI | Metallics: 3%CP | Secondaries: wMC, mAK?

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	0.15	1680	18.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.45	21.2	0.59	0.0004

Sampled By: DC 12-Jul-06

Quartz stringers < 1 mm wide in grey mudstone. Ankerite with quartz and fractures. Chalcopyrite is associated with iron oxide in quartz veinlets. In talus, 50 m below gossanous bluff (source).

286086 Wernecke

Grid North: UTM 7199667 N | Grid East: UTM 572360 E | Elevation | Sample Width: 50 cm | Vein 260°/80° W | Type: Chip | Strike Length Exp: 2 m | True Width: 2 cm | Host : Vein in/on folded bedding, parallel to bedding | Alteration: sQZ | Metallics: 0-1%PY | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	0.44	120.5	15.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
8.96	35.7	9.76	0.0004

Sampled By: DC 13-Jul-06

Iron stained quartz vein in folded bedding, trace sulfide.

286087 Wernecke

Grid North: UTM 7199625 N | Grid East: UTM 572570 E | Elevation | Sample Width: | Joint 225°/70° W | Type: Chip | Strike Length Exp: 2 m | True Width: | Host : Siliceous/silica flooded sedimentary rock - Wernecke Breccia | Alteration: sCA, mQZ, sSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
5	0.1	48.4	4.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.38	17.8	1.59	0.0208

Sampled By: DC 13-Jul-06

Fine-grained siliceous host rock. Silica-calcite flooded/altered. Poorly developed quartz-calcite unidentified brown mineral. High scintillometer reading close to fine fractures: 290/70 N.

286088 Wernecke

Grid North: UTM 7198573 N | Grid East: UTM 573037 E | Elevation | Sample Width: | Type: Grab | Strike Length Exp: | True Width: | Host : Altered grey black mudstone? | Alteration: sSI | Metallics: 2%PY | Secondaries: sGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.1	26.6	26.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.88	36.1	0.73	0.0007

Sampled By: DC 13-Jul-06

Strongly iron carbonate altered spire with 2 % fine-grained disseminated pyrite. Strong rust orange stained. Intense fractures.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286089 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: mCB, sCL, wQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7193266 N	UTM 543665 E	Strike Length Exp:	Metallics: trCP	<5	0.2	558	11.3
	Elevation	Sample Width: 10 cm	True Width:	Secondaries: wMC	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
			Host : Dark green serpentinized shale		0.21	13.3	1.82	0.0004
Sampled By: DC 17-Jul-06	Quartz-carbonate-chlorite with trace chalcopyrite. Weak malachite. moderately foliated-faulted. Host looks like serpentine.							
286090 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: mCL, mQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7193263 N	UTM 543669 E	Strike Length Exp:	Metallics: 5%PY	8	0.27	37.2	251
	Elevation	Sample Width:	True Width:	Secondaries: mJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
			Host : Dark grey shale		1.88	25.3	1.46	0.0003
Sampled By: DC 17-Jul-06	Rusty pod 25 x 20 x15 cm as 5-10 % to massive patchy pyrite within quartz vein 2-3 cm . Upslope 5 m from previous sample. Less serpentinized than above.							
286091 Wernecke	Grid North:	Grid East:	Type: Select	Alteration: mCA, mQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7193304 N	UTM 543654 E	Strike Length Exp: 5 m	Metallics: 1-2%CP	15	0.14	631	16
	Elevation	Sample Width:	True Width:	Secondaries: wMC	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
	Vein 172°/40° SW		Host : Serpentinized shale		0.26	17.1	0.99	0.0002
Sampled By: DC 17-Jul-06	Stacked quartz-carbonate veins from 2-6 cm on south bank of ravine. Stronger chalcopyrite mineralization here. Sample location is 60 m down from previous.							
286092 Wernecke	Grid North:	Grid East:	Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7193530 N	UTM 543543 E	Strike Length Exp:	Metallics: trCP, mHS	19	0.08	5200	25.6
	Elevation	Sample Width:	True Width:	Secondaries: mAK, mMC, wSD	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
			Host : Breccia - poorly cemented		0.53	23.6	1.2	0.0005
Sampled By: DC 17-Jul-06	Loaf sized breccia with malachite-specular hematite in coarse clusters comprises 2-3 % of talus in a 15 x 10 m area on south bank of creek, well above high water mark. Diagram on back of sample card shows location of samples 286092-286094.							
286093 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7193532 N	UTM 543549 E	Strike Length Exp:	Metallics: 1%CP	16	0.05	1570	25.7
	Elevation	Sample Width:	True Width:	Secondaries: mSD, mAC	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
			Host : Breccia		0.23	8.3	0.72	0.0001
Sampled By: DC 17-Jul-06	Buff-weathered, siliceous pink breccia with coarse disseminated specular hematite, siderite and chalcopyrite (0.5-1 %) in blebs associated with iron staining. Sample is 25 x 8 x 5 cm, located upslope 4 m in same talus zone as 286092. Diagram on back of previous sample card shows location of samples 286092-286094.							
286094 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7193521 N	UTM 543545 E	Strike Length Exp:	Metallics: 1%CP, 1%MC	37	0.08	4130	29
	Elevation 1132 m	Sample Width:	True Width:	Secondaries: mSD, mAC	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
			Host : Pinkish hued breccia		0.43	12.4	0.95	0.001
Sampled By: DC 17-Jul-06	Same zone as previous two samples, but lower in the northwest corner. As 286093 with stronger malachite. Chalcopyrite is associated with iron carbonate. Diagram on back of previous sample card shows location of samples 286092-286094.							

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286095 Wernecke

Grid North: UTM 7202694 N | Grid East: UTM 543690 E | Elevation 664 m | Sample Width: | Vein 030°/90°

Type: | Strike Length Exp: 1.5 m | True Width: | Host : Intense chlorite altered phyllite

Alteration: mCA, sCL, mQZ | Metallics: 1%CP | Secondaries: wJA, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	<0.01	1675	27.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.45	18.5	1.03	0.0005

Sampled By: DC 18-Jul-06

Rock Island-west side in dry estuary of main creek. This whole unit is strongly deformed with intense chlorite alteration. Quartz-carbonate veins follow deformation.

286096 Wernecke

Grid North: UTM 7199722 N | Grid East: UTM 537223 E | Elevation 1035 m | Sample Width: | Vein 020°/62°

Type: Grab | Strike Length Exp: | True Width: | Host : Phyllite

Alteration: mCL, mQZ | Metallics: 2%CP, 1%PY | Secondaries: mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
15	0.54	1590	30.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
11.2	23.1	4.73	0.0001

Sampled By: DC 19-Jul-06

Looks in place, but could be sloughed. 0.3 x 0.15 m protruding form talus. Top of talus train is ~5 m from grassy ridge spine.

286097 Wernecke

Grid North: UTM 7199695 N | Grid East: UTM 537203 E | Elevation 1010 m | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Light green phyllite

Alteration: mQZ | Metallics: 30%CP, 5%PY | Secondaries: mAK

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
1530	30.2	11.5 %	280
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
35	925	25.7	0.0004

Sampled By: DC 19-Jul-06

Massive chalcopyrite vein 3-4 cm. malachite stain occurs on bluffs above sample location. Found in bottom of talus fan on northeast bank of creek, but did not source.

286098 Wernecke

Grid North: UTM 7199658 N | Grid East: UTM 537213 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Quartz-siderite-ankerite-chalcopyrite breccia

Alteration: mQZ | Metallics: 10%CP, 10%PY | Secondaries: wHE, sMN, sAK, sSD, w

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
125	71.5	7.14 %	1265
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
32.4	462	83.4	0.0001

Sampled By: DC 19-Jul-06

Angular 10 x 12 x 15 cm. Upstream 100 m from previous. Massive to lattice veining chalcopyrite, pyrite and quartz.

286099 Wernecke

Grid North: UTM 7199259 N | Grid East: UTM 537300 E | Elevation 1000 m | Sample Width: 17.5 cm | 266°/88° S

Type: Select | Strike Length Exp: 4 m | True Width: 25 cm | Host : Grey phyllite

Alteration: mQZ | Metallics: 15%CP | Secondaries: sMN, mAK, sSD

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
2450	62.5	24.5 %	422
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
47.2	937	15.15	0

Sampled By: DC 19-Jul-06

Very splashy chalcopyrite. Breccia vein cuts very fractured grey phyllite.

286100 Wernecke

Grid North: UTM 7199268 N | Grid East: UTM 537304 E | Elevation | Sample Width:

Type: Select | Strike Length Exp: | True Width: | Host : Grey phyllite

Alteration: sQZ | Metallics: 15%CP | Secondaries: sAK, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
4120	26	7.18 %	6960
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
37.9	3320	20.8	0.0002

Sampled By: DC 19-Jul-06

Sloughed blocks in talus bank 3 m northeast (060 - azimuth) from previous sample (286099). Quartz-ankerite-chalcopyrite breccia. Chalcopyrite is fine-grained almost dendritic to wispy in breccia matrix. Light orange ankerite veinlet 1mm.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286101 Wernecke

Grid North: UTM 7196389 N | Grid East: UTM 536450 E | Elevation 1623 m | Sample Width: 10 cm | Type: Select | Strike Length Exp: | True Width: 10 cm | Host : Wernecke Breccia in Quartet Shale | Alteration: | Metallics: 1%HS | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.04	8.8	8.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.07	29	1.29	0.0004

Sampled By: RB 25-Jun-06

Heterolithic breccia, dominant clasts are shale and greywacke of the host rocks. Earthy hematite and rock-flour matrix, trace malachite staining. Rare specular hematite in clasts.

286102 Wernecke

Grid North: UTM 7195958 N | Grid East: UTM 536567 E | Elevation 1548 m | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Shale | Alteration: wCA, mQZ | Metallics: 2%PY | Secondaries: wGE, wHE, mMC

Vein

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
36	0.12	1405	6.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.43	9	1.79	0.0007

Sampled By: RB 25-Jun-06

Malachite along fracture surfaces and 2-10 mm quartz-carbonate-pyrite veins in shale near Wernecke Breccia contact. Sample from talus at base of cliff.

286103 Wernecke

Grid North: UTM 7195922 N | Grid East: UTM 536558 E | Elevation | Sample Width: 15 cm | Type: Select | Strike Length Exp: | True Width: | Host : Breccia/ Siltstone | Alteration: wCL, wEP, wKF, mQZ | Metallics: 2%CP, 2%HS, 1%PY | Secondaries: wGE, wHE

Joint 235°/90°

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
11	0.09	25.5	83.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.55	25.4	0.81	0.0009

Sampled By: RB 25-Jun-06

Alteration at breccia/siltstone contact

286104 Wernecke

Grid North: UTM 7194783 N | Grid East: UTM 536059 E | Elevation | Sample Width: 10 cm | Type: Grab | Strike Length Exp: 500+ m | True Width: 10 cm | Host : Black shale | Alteration: wSI | Metallics: | Secondaries:

Bedding 005°/90°

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	36.3	4.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.27	11.2	0.8	0.0005

Sampled By: RB 25-Jun-06

Sub-vertical bedded black shale with scintillometer response of 300 or more.

286105 Wernecke

Grid North: UTM 7208181 N | Grid East: UTM 554009 E | Elevation 1463 m | Sample Width: 10 cm | Type: Grab | Strike Length Exp: | True Width: 10 cm | Host : Quartz-chlorite-chloritoid phyllite | Alteration: mCL, wSI | Metallics: | Secondaries: wGE, wJA, mCZ

Bedding 300°/21° NE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	9.4	17.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.26	39.6	0.47	0.0005

Sampled By: RB 26-Jun-06

Phyllite at ridge top. Measurement is cleavage. Also displays well developed kink banding.

286106 Wernecke

Grid North: UTM 7207618 N | Grid East: UTM 554207 E | Elevation 1558 m | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Quartz-chlorite-chloritoid phyllite | Alteration: mCL, wSI | Metallics: | Secondaries: mCZ

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	8.6	15.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.16	42.8	0.75	0.0007

Sampled By: RB 26-Jun-06

Chloritoid porphyroblasts 1-2 mm in diameter. No metallics looks very dry.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286107 Wernecke

Grid North: UTM 7207164 N | Grid East: UTM 554584 E | Elevation 1476 m | Sample Width:
Type: Grab | Strike Length Exp: | True Width:
Host : Quartz-chlorite-chloritoid phyllite
Alteration: mCL, wSI | Metallics: | Secondaries: mCZ

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	14	26.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.4	42.9	0.69	0.0008

Sampled By: RB
26-Jun-06

286108 Wernecke

Grid North: UTM 7207089 N | Grid East: UTM 554554 E | Elevation 1434 m | Sample Width:
Type: Float + Grab | Strike Length Exp: | True Width:
Host : Quartz-chlorite-chloritoid phyllite
Alteration: mCL, wSI | Metallics: | Secondaries: mCZ

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	11.2	13.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.43	35	1.04	0.0006

Sampled By: RB
26-Jun-06
Locally scintillometer readings up to 400 CPS.

286109 Wernecke

Grid North: UTM 7208590 N | Grid East: UTM 561081 E | Elevation 1555 m | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Host : Shale
Alteration: wSI | Metallics: | Secondaries: wGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	14.8	4.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.09	18.4	0.4	0.0003

Sampled By: RB
26-Jun-06
Sampled from float, no visible mineralization, moderate scintillometer response.

286110 Wernecke

Grid North: UTM 7208590 N | Grid East: UTM 561081 E | Elevation 1555 m | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Host : Medium-grained fault gouge
Alteration: wCA, mMS, sSI | Metallics: 2%SZ | Secondaries: wGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	6.9	2.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.01	2.9	0.3	0.0001

Sampled By: RB
26-Jun-06
Sampled from float. Coarse-grained skutterudite (?) euhedral crystals to 3 cm long.

286111 Wernecke

Grid North: UTM 7192030 N | Grid East: UTM 571102 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Host : ?
Alteration: sCA, sQZ | Metallics: 5%HS | Secondaries: mER

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.15	20.1	0.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.08	5.3	3.21	0.0001

Vein

Sampled By: RB
27-Jun-06
Quartz-carbonate vein cobble in talus, looked interesting possible eurythrite.

286112 Wernecke

Grid North: UTM 7192471 N | Grid East: UTM 570738 E | Elevation | Sample Width: 8 cm
Type: Float | Strike Length Exp: | True Width:
Host : Wernecke Breccia
Alteration: wCA | Metallics: 2%CP, 3%HS, 1%PY | Secondaries: mGE, mHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	0.09	17.5	194
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.04	33.9	1.82	0.0005

Sampled By: RB
27-Jun-06
Mineralized vein 14 cm wide completely gossanized. Veinlets on margin of main vein were sampled. Veinlets 1-4 mm wide. Vein in boulder of Wernecke Breccia in creek.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286113 Wernecke

Grid North: UTM 7192249 N | Grid East: UTM 570797 E | Elevation 1322 m | Sample Width: 15 cm | Type: Select | Strike Length Exp: | True Width: 40 cm | Host : Wernecke Breccia (rock-flour matrix) | Alteration: wCA, wSI | Metallics: 2%CP, 2%HS, 2%PY | Secondaries: mGE, mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.08	33.6	323
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.74	95	1.57	0.0007

Sampled By: RB 27-Jun-06

Vein 10-15 cm wide and discontinuous veinlets over a ~2 m wide zone.

286114 Wernecke

Grid North: UTM 7192153 N | Grid East: UTM 570910 E | Elevation 1358 m | Sample Width: 30 cm | Type: Grab | Strike Length Exp: | True Width: 2 m | Fault | Host : Wernecke Breccia with rock-flour matrix | Alteration: wSI | Metallics: 5%CP, 2%HS, 5%PY | Secondaries: wAZ, sGE, sHE, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
17	5.85	7.3 %	46.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
13	45.2	2.09	0.0003

Sampled By: RB 27-Jun-06

Strongly fractured vein?, malachite coated fracture surfaces, abundant pyrite and chalcopyrite.

286115 Wernecke

Grid North: UTM 7201943 N | Grid East: UTM 551240 E | Elevation 1477 m | Sample Width: | Type: Select | Strike Length Exp: | True Width: | Host : Light green cherty siltstone | Alteration: wCA, wCB, mMS, sQZ, m | Metallics: 5%CP, 7%HS, 3%PY | Secondaries: mAZ, sGE, sHE, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
52	0.67	1.22 %	23.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.64	32.1	0.63	0.0067

Sampled By: RB 28-Jun-06

Vuggy quartz-calcite vein with abundant malachite, azurite and chalcopyrite intensely fractured outcrop, likely part of a shear zone.

286116 Wernecke

Grid North: UTM 7202004 N | Grid East: UTM 551188 E | Elevation 1456 m | Sample Width: 10 cm | Type: Grab | Strike Length Exp: | True Width: 1 m | Joint 337°/77° W | Host : Siltstone | Alteration: mMS, mMG | Metallics: 3%CB | Secondaries: wGE, mHE, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
368	1	5870	165.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
3.48	20.5	0.86	0.0088

Sampled By: RB 28-Jun-06

Magnetite altered fracture walls and filled fractures. Quartz-magnetite veins locally exhibit malachite staining. Weak replacement along sedimentary rock horizons.

286117 Wernecke

Grid North: UTM 7202020 N | Grid East: UTM 551171 E | Elevation 1430 m | Sample Width: 40 cm | Type: Grab | Strike Length Exp: | True Width: 30 cm | Vein 340°/70° E | Host : Siltstone | Alteration: sCA | Metallics: 3%CP | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
318	0.42	3.46 %	137.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.62	3.8	0.31	0.0005

Sampled By: RB 28-Jun-06

Fracture parallel carbonate veins to 40 cm wide with 5 cm blebs of chalcopyrite.

286118 Wernecke

Grid North: UTM 7172697 N | Grid East: UTM 525622 E | Elevation 1584 m | Sample Width: 10 cm | Type: Grab | Strike Length Exp: | True Width: 10 cm | Bedding 135°/84° SW | Host : Siltstone | Alteration: mCB | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.05	122.5	11.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.77	16.1	0.62	0.0002

Sampled By: RB 29-Jun-06

Siderite altered siltstone with a slightly higher scintillometer response.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286119 Wernecke

Grid North: UTM 7172756 N | Grid East: UTM 526457 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Host : Silica altered siltstone
Alteration: wCL?, wSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	471	10.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.36	10.9	1.44	0.0003

Sampled By: RB 29-Jun-06

Weak silica-chlorite(?) alteration in siltstone.

286122 Wernecke

Grid North: UTM 7235786 N | Grid East: UTM 523187 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Host : Siltstone
Alteration: sSI | Metallics: 1%CP, trPY | Secondaries: mGE, mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.42	259	2.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.1	44.6	1.92	0.0002

Sampled By: RB 02-Jul-06

Vuggy vein picked up in float with some chalcopyrite and pyrite in gossan/quartz matrix. Near contact with dry looking Wernecke Breccia.

286123 Wernecke

Grid North: UTM 7235519 N | Grid East: UTM 522998 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Host : Wernecke Breccia
Alteration: wCA, wCB, mSI | Metallics: trPY | Secondaries: wGE, mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.14	187.5	22.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.22	39.6	5.35	0.0005

Sampled By: RB 02-Jul-06

Iron stained area of subcrop slightly higher specific gravity.

286124 Wernecke

Grid North: UTM 7202269 N | Grid East: UTM 552030 E | Elevation 1407 m | Sample Width: 15 cm
Type: Float | Strike Length Exp: | True Width: 10
Host : Sandstone with tremolite?
Alteration: wCA, vwMS, wSI, wMG, m | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
16	0.05	21.6	6.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.01	13.7	0.54	0.0001

Sampled By: RB 03-Jul-06

Tremolite-quartz-magnetite-calcite vein 3 cm thick in meta-sandstone.

286125 Wernecke

Grid North: UTM 7202715 N | Grid East: UTM 551265 E | Elevation 984 m | Sample Width: 10 cm
Type: Float | Strike Length Exp: | True Width: 3 cm
Host : Dolomitic siltstone
Alteration: wCA, wCL, sSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.89	14	15
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.47	28.4	0.86	0.0004

Sampled By: RB 03-Jul-06

Black actinolite-quartz vein no visible metallics.

286126 Wernecke

Grid North: UTM 7223073 N | Grid East: UTM 520724 E | Elevation 1347 m Joint | Sample Width: 10 cm
Type: Float | Strike Length Exp: | True Width: 10 cm
Host : Diorite
Alteration: | Metallics: 1%CP | Secondaries: wGE, wHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
36	0.1	2550	102
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.22	109	0.79	0.0002

Sampled By: RB 04-Jul-06

Chalcopyrite along joints/fractures more predominant near contact with country rock-subcrop/frost heave.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286127 Wernecke

Grid North: UTM 7223081 N | Grid East: UTM 520703 E | Elevation 1334 m | Sample Width: 20 cm | Vein

Type: Float | Strike Length Exp: | True Width: 5 cm | Host : Diorite

Alteration: mCA, sSI | Metallics: 3%CP | Secondaries: mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
23	0.1	2760	12.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.11	18.7	0.14	0.0002

Sampled By: RB 04-Jul-06

Quartz vein in diorite subcrop.

286128 Wernecke

Grid North: UTM 7223032 N | Grid East: UTM 520707 E | Elevation 1339 m | Sample Width: 15 cm

Type: Float | Strike Length Exp: | True Width: 15 cm | Host :

Alteration: mCL | Metallics: | Secondaries: sGE, sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	30.6	6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.05	3.6	0.31	0.0015

Sampled By: RB 04-Jul-06

Strongly altered siltstone(?) near diorite margin fine-grained brannerite within.

286129 Wernecke

Grid North: UTM 7223032 N | Grid East: UTM 520707 E | Elevation 1337 m | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Brannerite hornfels?

Alteration: mSI | Metallics: | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	25	12
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
<0.01	35	0.25	0.0003

Sampled By: RB 04-Jul-06

Subcrop/frost heave. Very fine-grained brannerite(?) in quartz rich meta-siltstone horizons.

286130 Wernecke

Grid North: UTM 7223056 N | Grid East: UTM 520727 E | Elevation 1350 m | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Diorite

Alteration: | Metallics: trCP | Secondaries: wGE, wHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
12	0.17	826	134
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.06	42.9	0.72	0.0001

Sampled By: RB 04-Jul-06

Chalcopyrite disseminated in diorite along fracture surfaces.

286131 Wernecke

Grid North: UTM 7223054 N | Grid East: UTM 520728 E | Elevation 1343 m | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Hornfels?

Alteration: wCA, wCL, wEP | Metallics: | Secondaries: wGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	7	11.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
<0.01	12.6	0.31	0.0005

Sampled By: RB 04-Jul-06

Subcrop, Brannerite(?) to 1 mm.

286132 Wernecke

Grid North: UTM 7223052 N | Grid East: UTM 520726 E | Elevation 1345 m | Sample Width: | Vein 157°/69° SW

Type: Select | Strike Length Exp: | True Width: | Host : Diorite

Alteration: sMG | Metallics: 15%CP | Secondaries: mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
79	0.17	7670	119
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.03	84.9	0.36	0.0002

Sampled By: RB 04-Jul-06

Small 0.5 cm wide chalcopyrite vein in diorite outcrop.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286133 Wernecke

Grid North: UTM 7224759 N | Grid East: UTM 521669 E | Elevation 1317 m | Sample Width: | Bedding 235°/27° NW

Type: Grab | Strike Length Exp: | True Width: | Host : Siltstone

Alteration: mKF, mMG | Metallics: 3%HS | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	65.3	37.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.2	44.9	1.02	0.0004

Sampled By: RB 04-Jul-06

Potassium feldspar alteration likely responsible for anomaly. Pervasive moderate alteration. magnetite fills fractures and forms replacement horizons.

286134 Wernecke

Grid North: UTM 7219303 N | Grid East: UTM 535211 E | Elevation | Sample Width: 15 cm | Vein 318°/68° NE

Type: Grab | Strike Length Exp: | True Width: | Host : Limy siltstone

Alteration: sCA | Metallics: 1%CP | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.09	3290	7.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.06	3.1	0.17	0.0002

Sampled By: RB 05-Jul-06

Carbonate crackle breccia ~30 cm wide hosted in calcareous or carbonate altered laminated siltstone.

286135 Wernecke

Grid North: UTM 7220021 N | Grid East: UTM 535176 E | Elevation 711 m | Sample Width: 15 cm

Type: Float | Strike Length Exp: | True Width: 15 cm | Host : Hornfels (?)

Alteration: mCA, way | Metallics: trHE, trPY | Secondaries: wGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	35.7	8.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.01	17.6	0.83	0.0001

Sampled By: RB 05-Jul-06

Subcrop of hornfels.

286136 Wernecke

Grid North: UTM 7220049 N | Grid East: UTM 535171 E | Elevation 709 m | Sample Width: 15 cm

Type: Grab | Strike Length Exp: | True Width: 15 cm | Host : Diorite

Alteration: mCA | Metallics: 2%PY | Secondaries: wGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	6.3	18.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.04	33.8	0.34	0.0003

Sampled By: RB 05-Jul-06

Diorite with cobaltite. Zone of alteration within diorite resulting in gossan and yellow cake.

286137 Wernecke

Grid North: UTM 7220056 N | Grid East: UTM 535171 E | Elevation 706 m | Sample Width: 10 cm

Type: Grab | Strike Length Exp: | True Width: 10 cm | Host : Hornfels in siltstone on margin of diorite

Alteration: mCA, mCL, wCY, wMS | Metallics: trPY | Secondaries: wGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	6.2	1.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
<0.01	2.2	0.07	0

Sampled By: RB 05-Jul-06

Hornfels siltstone at margin of diorite.

286138 Wernecke

Grid North: UTM 7220056 N | Grid East: UTM 535172 E | Elevation 706 m | Sample Width: 20 cm

Type: Select | Strike Length Exp: | True Width: 20 cm | Host : Diorite

Alteration: mCA, sCL | Metallics: 2%PY | Secondaries: sGE, sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	5.4	54.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.67	45.3	0.44	0.0002

Sampled By: RB 05-Jul-06

Yellow diorite zone. Very gossanized weathered zone ~60 cm thick. Yellow/green precipitate forming in center of the gossan.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286139 Wernecke

Grid North: UTM 7209970 N | Grid East: UTM 573275 E | Elevation 1700 m | Sample Width: 10 cm | Bedding 032°/21°

Type: | Strike Length Exp: | True Width: 10 cm | Host : Quartzite

Alteration: | Metallics: | Secondaries: wHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.1	41.8	5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.72	5.3	0.59	0.0001

Sampled By: RB 10-Jul-06

Light grey quartzite with 1mm thick hematite laminations and hematite altered fractures at 132/90 with weak malachite mineralization.

286140 Wernecke

Grid North: UTM 7210062 N | Grid East: UTM 573355 E | Elevation 1640 m | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host :

Alteration: wDO | Metallics: 2%CP | Secondaries: mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.35	582	29.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.06	19.6	0.35	0.0002

Sampled By: RB 10-Jul-06

Dolomitic(?) siltstone with porphyroblastic chalcopyrite. Searched for source upslope to no avail.

286141 Wernecke

Grid North: UTM 7210277 N | Grid East: UTM 573658 E | Elevation 1720 m | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Siltstone

Alteration: wCB, sQZ, mBA | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.05	27.5	7.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.04	13.6	0.19	0.0001

Sampled By: RB 10-Jul-06

Quartz-calcite-barite vein in foliated mudstone.

286142 Wernecke

Grid North: UTM 7219450 N | Grid East: UTM 573657 E | Elevation 1675 m | Sample Width: 10 cm | Fault 110°/90°

Type: Grab | Strike Length Exp: | True Width: 10 cm | Host : Siltstone

Alteration: mQZ | Metallics: 1%CP, 2%PY | Secondaries: wHE, wMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.11	12.3	5.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.32	29	26.3	0.0009

Sampled By: RB 11-Jul-06

Silicified zone (vein?) in sheared purple siltstone.

286143 Wernecke

Grid North: UTM 7219717 N | Grid East: UTM 574030 E | Elevation 1572 m | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Limestone

Alteration: CB, SI | Metallics: 3%PY | Secondaries: mGE, mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
5	4.43	33.6	14.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.06	25.7	8.53	0.0001

Sampled By: RB 11-Jul-06

Fine-grained pyrite veins to 3 mm wide.

286144 Wernecke

Grid North: UTM 7219556 N | Grid East: UTM 573968 E | Elevation | Sample Width: 0.75 m

Type: Float + Chip | Strike Length Exp: | True Width: 5 cm | Host : Limestone

Alteration: DO | Metallics: 15%CP, 10%PY | Secondaries: sGE, sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	2.78	458	27.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.05	42.6	6.68	0.0001

Sampled By: RB 11-Jul-06

Drill shack-sized boulder of limestone with zone of chalcopyrite-pyrite-dolomite veinlets to 5 cm, thick chip sample through host and two veinlets look to have come from southern slope, near fault.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286145 Wernecke

Grid North: UTM 7219511 N | Grid East: UTM 573962 E | Elevation | Sample Width: 15 cm | Vein

Type: Float | Strike Length Exp: | True Width: | Host : Limestone

Alteration: DO | Metallics: 10%CP | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
10	15.05	136	42.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.1	91	28.4	0.0001

Sampled By: RB
11-Jul-06

286146 Wernecke

Grid North: UTM 7219460 N | Grid East: UTM 573965 E | Elevation 1555 m | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Quartzite (?)

Alteration: mCA, sSI | Metallics: 7%PY | Secondaries: wGE, mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	11.85	542	25.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.3	43.9	23.5	0.0001

Sampled By: RB
11-Jul-06

286147 Wernecke

Grid North: UTM 7219460 N | Grid East: UTM 573970 E | Elevation 1555 m | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Limestone

Alteration: mCA | Metallics: 60%PY | Secondaries: mGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
11	12.45	297	64.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
12.75	93	32.1	0.0001

Sampled By: RB
11-Jul-06

Very fine-grained bleb/pod style mineralization from several centimeters to 30 cm long.

286148 Wernecke

Grid North: UTM 7219500 N | Grid East: UTM 573940 E | Elevation 1550 m | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Quartzite (?)

Alteration: sCB, sSI | Metallics: 5%CP, 10%PY | Secondaries: wGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
10	19.7	921	91.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.21	195.5	32.3	0.0001

Sampled By: RB
11-Jul-06

Nearly brecciated stockwork consisting of intensely silicified host rock with abundant iron carbonate and carbonate-quartz veins. Chalcopyrite seems associated with carbonate-quartz veins.

286149 Wernecke

Grid North: UTM 7219037 N | Grid East: UTM 546790 E | Elevation 1718.95 | Sample Width:

Type: | Strike Length Exp: | True Width: | Host :

Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.04	298	40.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.11	37	0.95	0.0001

Sampled By: RB
14-Jul-06

286150 Wernecke

Grid North: UTM 7195393 N | Grid East: UTM 551678 E | Elevation 1565 m | Sample Width: | Vein 346°/30°

Type: Float | Strike Length Exp: | True Width: | Host : Slate (siltstone)

Alteration: sCB, wCL, sQZ | Metallics: trCP | Secondaries: mGE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	49.4	0.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.02	1.3	0.68	0

Sampled By: RB
17-Jul-06

Coarse-grained, locally vuggy, trace coarse-grained chalcopyrite. Similar to vein in fault zone at traverse start. Found in talus and located in outcrop up to 15 cm wide.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286151 Wernecke

Grid North: UTM 7196914 N | Grid East: UTM 551393 E | Elevation 1532 m | Sample Width: 0.6 m
Type: Float + Chip | Strike Length Exp: | True Width: | Host :
Alteration: wSI | Metallics: | Secondaries: vwGE, Chloritoid

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	8.6	3.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.09	12.1	1.01	0.0006

Sampled By: SMB 24-Jun-06
Sample because of an overall high scintillometer reading in the area

286152 Wernecke

Grid North: UTM 7194184 N | Grid East: UTM 537704 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: | Metallics: 10%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
15	0.14	24.5	67.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.97	83.5	1	0.0004

Sampled By: SMB 25-Jun-06
In talus slope

286153 Wernecke

Grid North: UTM 7194038 N | Grid East: UTM 537594 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: trCA | Metallics: 1%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
5	1.14	93.7	67
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.22	63.9	5.1	0.0004

Sampled By: SMB 25-Jun-06
Small crystals possibly calcite

286154 Wernecke

Grid North: UTM 7193978 N | Grid East: UTM 537589 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: | Metallics: 25%PY | Secondaries: sGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
199	0.77	640	1520
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
23.4	262	1.91	0.0010

Sampled By: SMB 25-Jun-06
Has a high scintillometer reading on rock in talus.

286155 Wernecke

Grid North: UTM 7194474 N | Grid East: UTM 537545 E | Elevation | Sample Width:
Type: Grab | Strike Length Exp: | True Width: | Host :
Alteration: wMS | Metallics: 1%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	24.8	21.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.04	24.9	0.97	0.0002

Sampled By: SMB 25-Jun-06
Very hard, hard to break a piece off rock. Breccia with hematite stained albite.

286156 Wernecke

Grid North: UTM 7194838 N | Grid East: UTM 537685 E | Elevation | Sample Width:
Type: Grab | Strike Length Exp: | True Width: | Host :
Alteration: wCA, sSI | Metallics: ?AS, 10%PY | Secondaries: mHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
20	0.09	28.3	801
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.88	51.8	0.83	0.0003

Sampled By: SMB 25-Jun-06
Whole outcrop red/orange color. Hold scintillometer a little lower and get 230-290. Arsenopyrite or pyrite not sure. Fault zone.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286157 Wernecke

Grid North: UTM 7202935 N | Grid East: UTM 550777 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: mSI | Metallics: 5%HS | Secondaries: trJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	8.5	7.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.03	20.5	0.9	0.0004

Sampled By: SMB 28-Jun-06

Found in the talus. Highly weathered.

286158 Wernecke

Grid North: UTM 7219593 N | Grid East: UTM 574374 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Breccia
Alteration: mCB | Metallics: 2%PY | Secondaries: sGE, w-mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	2.11	185.5	18.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.1	31.2	6.31	0.0001

Sampled By: SMB 11-Jul-06

Gossan found in float by soil sample 201344. No scintillometer reading, but reading may possibly be similar to soil sample 201344.

286159 Wernecke

Grid North: UTM 7193384 N | Grid East: UTM 543139 E | Elevation 1249 m | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: mCA, sSI | Metallics: <1%CP, <1%PY | Secondaries: trHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
5	0.22	6400	168
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.69	52.1	1.28	0.0001

Sampled By: SMB 16-Jul-06

Found in dolomite? with calcite. Rock was very hard (hard to get a decent sample) In float some of the boulder still in place.

286160 Wernecke

Grid North: UTM 7193593 N | Grid East: UTM 543415 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: mCA, mSI | Metallics: <1%CP, <1%PY | Secondaries: trAZ, wGE, trMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
12	0.24	6650	77.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.49	38	1.23	0.0005

Sampled By: SMB 16-Jul-06

Saw malachite took whole rock possibly some azurite-very small amount. In talus of mostly breccia.

286161 Wernecke

Grid North: UTM 7194117 N | Grid East: UTM 543838 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: mCA, sSI | Metallics: <1%CP, <1%PY | Secondaries: wHE, w-mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
56	0.64	9700	124
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.49	71.2	1.14	0.0010

Sampled By: SMB 17-Jul-06

Gossan in float.

286162 Wernecke

Grid North: UTM 7195042 N | Grid East: UTM 544054 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: sSI | Metallics: <1%CP, <1%PY | Secondaries: trAZ, trGE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
18	0.15	3480	13.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.59	20.9	0.71	0.0005

Sampled By: SMB 17-Jul-06

Saw malachite. In float of mostly breccia and dolomite.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286163 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCL, wEP, sQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197499	N	UTM 542843	E	Strike Length Exp:	Metallics: 10%PY	6	0.07	164	470
	Elevation		Sample Width:		True Width:	Secondaries: sJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Grey phyllite		2.96	70.5	0.49	0.0002
Sampled By: SMB 19-Jul-06	Alteration is a rusty orange to purple. Angular chunk in talus. Strongly altered 3 cm quartz vein. No tag left in the field by post # 35.									
286164 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7196687	N	UTM 543366	E	Strike Length Exp:	Metallics: 1%HS, <1%PY	7	0.04	62.5	42.4
	Elevation		Sample Width:		True Width:	Secondaries: wGE, trJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Phyllite		0.44	8.1	0.33	0.0001
Sampled By: SMB 19-Jul-06	Small amount of mineralization found in talus at post # 47 no tag left behind.									
286165 Wernecke	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197684	N	UTM 539193	E	Strike Length Exp:	Metallics: 1%PY	136	0.07	32.2	32.8
	Elevation		Sample Width:		True Width:	Secondaries: wHE, sJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Breccia		1.41	139	1.21	0.0006
Sampled By: SMB 20-Jul-06	Gossan, angular chunk in float. Light brown to yellow sulfide alteration?									
286166 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCL, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197977	N	UTM 539306	E	Strike Length Exp:	Metallics:	<5	0.12	7.2	4.8
	Elevation		Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host :		0.28	95	8.33	0.2124
Sampled By: SMB 20-Jul-06	Found in marked boulder train. Not much mineralization in rock some black mineral, not sure what. Scintillometer reading: 5500 in talus; 1400 in camp.									
286167 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: vsQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7195314	N	UTM 578530	E	Strike Length Exp:	Metallics: 5%CP, <1%HS	14	0.34	52.6	1.6
	Elevation		Sample Width:		True Width:	Secondaries: trAZ, wMC, wGE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Breccia		0.36	3.7	3.24	0.0004
Sampled By: SMB 21-Jul-06	Found in talus, quartz vein in rock.									
286168 Wernecke	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7195329	N	UTM 578614	E	Strike Length Exp:	Metallics:	14	0.22	8360	13.5
	Elevation		Sample Width:		True Width:	Secondaries: mGE, mMC	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host :		1.67	29.9	2.56	0.0002
Sampled By: SMB 21-Jul-06	No chalcopyrite, malachite in fractures.									

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286169 Wernecke

Grid North: UTM 7191013 N
Grid East: UTM 555900 E
Elevation
Sample Width: 10 cm
Vein 330°/85° NW
Type: Select
Strike Length Exp: ? m
True Width:
Host : Dolomite
Alteration: sQZ
Metallics: 2%CP, ?PY
Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
171	10.1	9510	2.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.37	11.8	12.65	0.1180

Sampled By: SMB 07-Aug-06
Scintillometer reading: 900-3000

286170 Wernecke

Grid North: UTM 7218258 N
Grid East: UTM 547065 E
Elevation
Sample Width:
Type: Float
Strike Length Exp:
True Width:
Host :
Alteration: mSI
Metallics: 1%CP
Secondaries: mGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.19	258	19.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.73	37.9	0.76	0.0003

Sampled By: SMB 08-Aug-06
Gossan in float. Scintillometer reading: 280.

286171 Wernecke

Grid North: UTM 7169741 N
Grid East: UTM 545046 E
Elevation 1777
Sample Width:
Type: Float
Strike Length Exp:
True Width:
Host : Breccia
Alteration: mKF, sSI
Metallics: <1%CP
Secondaries: wJA, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
28	2.88	2.62 %	16
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.6	24.4	1.46	0.0058

Sampled By: SMB 12-Aug-06
In breccia, in float with dolostone. Dolostone and breccia contact above in head of cirque.

286172 Wernecke

Grid North: UTM 7169731 N
Grid East: UTM 545085 E
Elevation
Sample Width:
Type: Float
Strike Length Exp:
True Width:
Host : Breccia
Alteration: ?wCL, w-mKF, sSI
Metallics: HS
Secondaries: wGE, mHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
12	0.19	107.5	636
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.39	60.4	2.57	0.0010

Sampled By: SMB 12-Aug-06
Sulfide in breccia below breccia outcrop. Mostly dolostone around. Gossan in float. Strongly weathered.

286173 Wernecke

Grid North: UTM 7169399 N
Grid East: UTM 545558 E
Elevation
Sample Width:
Type: Float
Strike Length Exp:
True Width:
Host :
Alteration: sCA, w-mSI
Metallics: wBZ
Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
65	0.5	217	24.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
3.36	46.4	26.1	0.5310

Sampled By: SMB 12-Aug-06
Found in talus.

286174 Wernecke

Grid North: UTM 7169341 N
Grid East: UTM 545454 E
Elevation 1680 m
Sample Width:
Type: Float
Strike Length Exp:
True Width:
Host : Breccia
Alteration: sSI
Metallics: <1%CP, ?PY
Secondaries: mHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
26	0.21	190	79.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
5.36	15.9	0.99	0.0005

Sampled By: SMB 12-Aug-06
Found in float uphill from 286173.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286175 Wernecke

Grid North: UTM 7172799 N | Grid East: UTM 533006 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Grey silicified sedimentary rock
Alteration: wCA, sSI | Metallics: 1%CP?, 1%PY? | Secondaries: mHE, w-mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
23	0.87	510	52.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
9.84	33.7	4.98	0.0002

Sampled By: SMB 12-Aug-06

Sulfides in small vein on silicified sedimentary rocks, very hard.

286176 Wernecke

Grid North: UTM 7172947 N | Grid East: UTM 533459 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Grey sedimentary rock silicified
Alteration: mQZ, sSI | Metallics: 5%PY | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
26	1.46	9290	142.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
11.6	299	2.58	0.0002

Sampled By: SMB 12-Aug-06

By glacier at head of cirque.

286177 Wernecke

Grid North: UTM 7169399 N | Grid East: UTM 545558 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: | Metallics: | Secondaries: trAZ, wMC, ?SM, ?SD, tr

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	7.39	3300	3.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
138	6.7	901	0.0004

Sampled By: SMB 12-Aug-06

May be brannerite. Found in brecciated talus. No tag in field. Near sample 286174.

286178 Wernecke

Grid North: UTM 7197915 N | Grid East: UTM 573741 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: sCA, m-sSI | Metallics: 1%CP | Secondaries: trJA, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
9	0.27	5530	5.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.34	17.2	1.79	0.0002

Sampled By: SMB 15-Aug-06

Chalcopyrite in carbonate veins. Veins 2-5 cm wide with chalcopyrite in them.

286179 Wernecke

Grid North: UTM 7198330 N | Grid East: UTM 573930 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: mCA, sSI | Metallics: <1%CP | Secondaries: trAZ, w-mJA, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
39	0.79	5190	16.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.61	63.1	2.14	0.0003

Sampled By: SMB 15-Aug-06

Found in float. Fizzes with acid. Chalcopyrite associated with carbonate veins.

286201 Wernecke

Grid North: UTM 7197218 N | Grid East: UTM 546674 E | Elevation | Sample Width:
Type: Grab | Strike Length Exp: | True Width: | Host :
Alteration: mCA | Metallics: 3%PY | Secondaries: mGE, mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	15.8	15.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.02	49.9	0.48	0.0003

Sampled By: EM 24-Jun-06

Outcrop? metamorphosed

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286202 Wernecke

Grid North: UTM 7197298 N | Grid East: UTM 546622 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Phyllite
Alteration: vsSI | Metallics: | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	8.5	71.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.25	31.7	0.92	0.0003

Sampled By: EM 24-Jun-06

Outcrop in talus

286203 Wernecke

Grid North: UTM 7197400 N | Grid East: UTM 546598 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Phyllite
Alteration: sSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	5.2	10.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.01	36.7	1.33	0.0003

Sampled By: EM 24-Jun-06

286204 Wernecke

Grid North: UTM 7197504 N | Grid East: UTM 546555 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: mCA, sSI | Metallics: | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	19.4	7.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
<0.01	36.2	0.72	0.0003

Sampled By: EM 24-Jun-06

Poor sample small (~60 cm) outcrop in moss covered area.

286205 Wernecke

Grid North: UTM 7197594 N | Grid East: UTM 546509 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Breccia
Alteration: mCL, sSI | Metallics: | Secondaries: wGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	8.6	6.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.05	10.8	1.34	0.0002

Sampled By: EM 24-Jun-06

Breccia outcrop?

286206 Wernecke

Grid North: UTM 7197676 N | Grid East: UTM 546454 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: mCA, mCL | Metallics: 3%HS, 1%PY | Secondaries: wGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	4.7	41.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.01	45.9	0.67	0.0001

Sampled By: EM 24-Jun-06

286207 Wernecke

Grid North: UTM 7197763 N | Grid East: UTM 546463 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: | Metallics: 2%HS, 5%PY | Secondaries: mGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	5.3	9.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.01	7.2	0.57	0.0003

Sampled By: EM 24-Jun-06

Vugs

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286208 Wernecke

Grid North: UTM 7197850 N | Grid East: UTM 546527 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Phyllite
Alteration: sCL, sSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	<0.01	6.7	21.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.01	54.2	0.99	0.0004

Sampled By: EM
24-Jun-06

286209 Wernecke

Grid North: UTM 7197945 N | Grid East: UTM 546554 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Phyllite
Alteration: mCL, mSI | Metallics: 10%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	3.8	17
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.01	41.6	1.2	0.0006

Sampled By: EM
24-Jun-06

286210 Wernecke

Grid North: UTM 7198000 N | Grid East: UTM 546569 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: sQZ | Metallics: | Secondaries: wGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.04	4	1.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.1	2.4	0.44	0.0001

Sampled By: EM
24-Jun-06

286211 Wernecke

Grid North: UTM 7198132 N | Grid East: UTM 546562 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Phyllite
Alteration: mCL | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	<0.01	4	24.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.09	49.2	0.99	0.0005

Sampled By: EM
24-Jun-06

286212 Wernecke

Grid North: UTM 7198261 N | Grid East: UTM 546533 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Phyllite
Alteration: sCL, mSI | Metallics: | Secondaries: wGE, wSD

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	4.6	16
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.04	50.3	1.32	0.0006

Sampled By: EM
24-Jun-06

286213 Wernecke

Grid North: UTM 7198311 N | Grid East: UTM 546479 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: sQZ, sSI | Metallics: 10%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
0			
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
			0

Sampled By: EM
24-Jun-06
Float collected while traversing down slope.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286214 Wernecke

Grid North: UTM 7207334 N | Grid East: UTM 555158 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Phyllite
Alteration: sCL | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
106	<0.01	4.4	6.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.14	22.9	0.64	0.0005

Sampled By: EM
26-Jun-06

Foliation present typical talus material found along traverse.

286215 Wernecke

Grid North: UTM 7195769 N | Grid East: UTM 555181 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: | Metallics: 7%CP, 1%PY | Secondaries: mGE, mHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
351	0.68	1.56 %	147
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
3.69	53.7	2.68	0.0001

Sampled By: EM
07-Aug-06

In talus of breccia and dolomite

286216 Wernecke

Grid North: UTM 7219552 N | Grid East: UTM 574090 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: mQZ | Metallics: 1%PY | Secondaries: trGE, trHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.21	55.3	17.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.19	35.1	0.87	0.0001

Sampled By: EM
11-Jul-06

286251 Wernecke

Grid North: UTM 7196692 N | Grid East: UTM 554838 E | Elevation 1257 m | Sample Width:
Type: Float | Strike Length Exp: | True Width: 1 cm | Host : Mudstone-phyllite
Alteration: sCL, wSI | Metallics: 5%HS, trPY | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
12	0.02	6.9	19
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.07	33.5	1.5	0.0005

Vein

Sampled By: TKB
24-Jun-06

Metallic percentages refer to within vein. Several float rocks with similar veining near base of talus slope. Looked metallic, so decided to take a sample. Lots of rust, so likely iron ore of some sort.

286252 Wernecke

Grid North: UTM 7191608 N | Grid East: UTM 572358 E | Elevation | Sample Width: 1 m
Type: Float | Strike Length Exp: | True Width: 70 cm | Host : Limestone?
Alteration: sSI, mMT | Metallics: trPY | Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
42	0.67	2360	76.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
8.22	12.7	7.76	0.0011

Sampled By: TKB
27-Jun-06

Most interesting rock seen to date.

286253 Wernecke

Grid North: UTM 7196909 N | Grid East: UTM 551388 E | Elevation 1531 m | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: MR | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
216	0.18	7270	26.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.73	80.2	0.81	0.0019

Sampled By: TKB
14-Jul-06

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286254 Wernecke

Grid North: UTM 7195425 N | Grid East: UTM 544935 E | Elevation 907 m | Vein 090°/82°
Type: Grab | Strike Length Exp: | True Width: 2 m | Sample Width: 2 m | Host : Shale
Alteration: | Metallics: trCP | Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.53	259	26.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.64	58.4	0.74	0.0006

Sampled By: TKB 15-Jul-06

Scintillometer reading of 260. No rock tag at location.

286255 Wernecke

Grid North: UTM 7171144 N | Grid East: UTM 542329 E | Elevation 1513 m | Joint + Fracturing 050°/53°
Type: Select | Strike Length Exp: | True Width: | Sample Width: 10 cm | Host : Wernecke Breccia
Alteration: | Metallics: <1%PY | Secondaries: trHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	0.05	17.3	20.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.94	36.8	1.45	0.0009

Sampled By: TKB 12-Aug-06

Only small area has scintillometer reading of 800 CPS in a background of 350-400 CPS.

286256 Wernecke

Grid North: UTM 7171019 N | Grid East: UTM 542184 E | Elevation 1200 m
Type: Float | Strike Length Exp: | True Width: | Sample Width: 15 cm | Host : Breccia
Alteration: | Metallics: 5%PO, 10%PY | Secondaries: mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
981	5.7	2.14 %	50.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
4.34	145	1.66	0.0008

Sampled By: TKB 12-Aug-06

No rep. sample.

286257 Wernecke

Grid North: UTM 7197437 N | Grid East: UTM 573342 E | Elevation 1743 m | Joint
Type: Select | Strike Length Exp: 4 m | True Width: 1 m | Sample Width: | Host : Siltstone
Alteration: | Metallics: 1%CP, 1%PO, 1%PY | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
12	0.2	1670	83.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.33	50.5	1.74	0.0001

Sampled By: TKB 15-Aug-06

Scintillometer reading of 80 CPS. Possible fault zone further north about 20 m. more copper staining on a highly deformed phyllite running 45 degrees east-west from the north to the south. Chalcopyrite is disseminated and mildly associated with fractures in the host rock.

286301 Wernecke

Grid North: UTM 7196940 N | Grid East: UTM 546435 E | Elevation | Bedding 123°/10°
Type: Grab | Strike Length Exp: | True Width: | Sample Width: | Host : Metasedimentary rock
Alteration: wCL, mSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	17.6	20.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.1	58.2	0.43	0.0003

Sampled By: GMc 24-Jun-06

Quartz veins penetrating the metasedimentary rock. High scintillometer reading, peaked at 290 CPS.

286302 Wernecke

Grid North: UTM 7196987 N | Grid East: UTM 546356 E | Elevation 1589 m | Bedding 204°/30°
Type: Grab | Strike Length Exp: | True Width: | Sample Width: | Host : Metasedimentary rock
Alteration: wCL, mQZ | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	4.6	20.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.18	45.6	0.7	0.0003

Sampled By: GMc 24-Jun-06

Relict bedding visible in metasedimentary rocks. Slickensides present.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286303 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration: mCL, mMS, mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197031	N	UTM 546302	E	Strike Length Exp:	Metallics:	<5	<0.01	10.1	17
	Elevation		Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
	Bedding 175°/28°				Host : Metasedimentary rock		0.04	46.2	0.33	0.0002
Sampled By: GMc 24-Jun-06	Bedding clearly visible, green tinge on rock, slightly metamorphosed. Slickensides present.									
286304 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration: mCL, wQZ, mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197068	N	UTM 546260	E	Strike Length Exp:	Metallics:	6	<0.01	39.9	19.2
	Elevation		Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Metasedimentary rock		0.2	45.4	0.42	0.0002
Sampled By: GMc 24-Jun-06	Phyllite									
286305 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration: mCL, mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7196974	N	UTM 546270	E	Strike Length Exp:	Metallics:	<5	<0.01	11.2	13.4
	Elevation		Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Metasedimentary rock		0.02	43.6	0.44	0.0002
Sampled By: GMc 24-Jun-06	Sample taken June 27, 1995 by MIJ. Well jointed. Calcite veining.									
286306 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration: wCL, wQZ, mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197054	N	UTM 546249	E	Strike Length Exp:	Metallics:	45	0.29	481	232
	Elevation		Sample Width:		True Width:	Secondaries: mHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Metasedimentary rock		10.9	199	1.12	0.0004
Sampled By: EC 24-Jun-06	Sulfide deposits? Quartz and iron oxides.									
286307 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wCL, wQZ, mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197358	N	UTM 546049	E	Strike Length Exp:	Metallics:	<5	<0.01	5.9	12.5
	Elevation		Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Metasedimentary rock		0.06	32.1	0.79	0.0003
Sampled By: GMc 24-Jun-06	Phyllite?. Weak quartz veining.									
286308 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCL, mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197628	N	UTM 545996	E	Strike Length Exp:	Metallics:	<5	<0.01	7.3	14.9
	Elevation		Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Metasedimentary rock		0.07	32.7	0.73	0.0004
Sampled By: GMc 24-Jun-06	Visible oxidizing of rock on outer edge (presuming it is not sulfides)									

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286309 Wernecke

Grid North: UTM 7197849 N | Grid East: UTM 545906 E | Type: Grab | Alteration: mCL, mSI
Elevation | Sample Width: | Strike Length Exp: | True Width: | Metallics: | Secondaries:
Bedding 081°/62° | Host :

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	<0.01	7.7	17.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.08	40.8	1.08	0.0005

Sampled By: GMc 24-Jun-06

Scintillometer peaked at 299 CPS on outcrop. Strike and dip taken on relict bedding.

286310 Wernecke

Grid North: UTM 7197894 N | Grid East: UTM 545913 E | Type: Float | Alteration: wCL, sSI
Elevation | Sample Width: | Strike Length Exp: | True Width: | Metallics: 0.7%PY | Secondaries: wHE
Host : Metasedimentary rock

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
27	0.17	6.8	39.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.72	24.3	1.65	0.0020

Sampled By: GMc 24-Jun-06

Abundant quartz veins, angular fragments in veins. Surrounded by metasedimentary rocks and some breccia?, vugs and sulfides present.

286311 Wernecke

Grid North: UTM 7198022 N | Grid East: UTM 545921 E | Type: Grab | Alteration: mSI
Elevation | Sample Width: | Strike Length Exp: | True Width: | Metallics: | Secondaries:
Host : Metasedimentary rock

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	3.8	22.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.06	26.3	0.75	0.0004

Sampled By: GMc 24-Jun-06

Exposure is heavily jointed. Vugs contain iron oxides

286312 Wernecke

Grid North: UTM 7198191 N | Grid East: UTM 545909 E | Type: Float | Alteration: sCL, mSI
Elevation | Sample Width: | Strike Length Exp: | True Width: | Metallics: | Secondaries:
Host : Metasedimentary rock

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	4.9	15.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.03	67	0.91	0.0003

Sampled By: GMc 24-Jun-06

Pale green color, abundant chlorite. Relict bedding is visible.

286313 Wernecke

Grid North: UTM 7195010 N | Grid East: UTM 536386 E | Type: Grab | Alteration: mCL, mSI
Elevation | Sample Width: | Strike Length Exp: | True Width: | Metallics: | Secondaries:
Host :

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	39.9	11.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.4	18.9	0.63	0.0003

Sampled By: GMc 25-Jun-06

Slate and phyllite, relict bedding. Severely folded, several anticlines and synclines present.

286314 Wernecke

Grid North: UTM 7194865 N | Grid East: UTM 536257 E | Type: Float | Alteration: mCL, wQZ, mSI
Elevation | Sample Width: | Strike Length Exp: | True Width: | Metallics: | Secondaries:
Host : Metasedimentary rock

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	8.4	3.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.2	10.9	0.61	0.0002

Sampled By: GMc 25-Jun-06

Slate and phyllite. Quartz veining cross cutting relict bedding.

Rock Sample Descriptions Wernecke Breccias

Operator: Frontier Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286315 Wernecke

Grid North: UTM 7194925 N | Grid East: UTM 536120 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Host : Slate, phyllite
Alteration: mCL, mSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	12.8	3.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.26	9.5	0.94	0.0006

Sampled By: GMc 25-Jun-06

Fissile

286316 Wernecke

Grid North: UTM 7195027 N | Grid East: UTM 535924 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Host : Metasedimentary rock
Alteration: mCL, mSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	11.1	11.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.74	14.9	0.62	0.0005

Sampled By: GMc 25-Jun-06

Fissile

286317 Wernecke

Grid North: UTM 7195102 N | Grid East: UTM 535769 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Host : Phyllite
Alteration: mCL, mSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	5.6	5.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.23	12.8	0.54	0.0003

Sampled By: GMc 25-Jun-06

Fissile

286351 Wernecke

Grid North: UTM 7198670 N | Grid East: UTM 537311 E | Elevation | Sample Width: 10 cm
Type: Grab | Strike Length Exp: 4 m | True Width: 10 cm
Vein+Joint 106°/52° S | Host : Grey phyllite
Alteration: sQZ | Metallics: 20%CP, 2%PY | Secondaries: wMC, sMN, sSD

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
888	123	3.71 %	212
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
69.5	1800	525	0

Sampled By: DC 19-Jul-06

Intense manganese stain. Quartz-ankerite-siderite altered phyllite on west bank of creek in outcrop.

286352 Wernecke

Grid North: UTM 7198668 N | Grid East: UTM 537316 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Host : Grey phyllite talus block 1 x 0.5 x 0.3 m
Alteration: sQZ, SD | Metallics: 20%CP | Secondaries: sAK, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
850	51.6	12.7 %	132.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
5.65	254	9.74	0.0001

Sampled By: DC 19-Jul-06

Massive 2 cm chalcopyrite vein in quartz-ankerite flooded phyllite. Chalcopyrite is associate with strong siderite alteration. Probable source is bluff above recent talus slough. East bank of creek.

286353 Wernecke

Grid North: UTM 7211048 N | Grid East: UTM 531797 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Host : Phyllite
Alteration: mCB, mCL, mQZ | Metallics: 3%CP, 1%PY | Secondaries: mHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
20	4.01	6100	52.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
20.3	45.1	1.29	0.0002

Sampled By: DC 05-Aug-06

Orange coating in parallel rock in creek bed. Quartz-carbonate-chlorite vein (1 cm) or smaller with splashy but patchy chalcopyrite with chlorite/hematite alteration. 20 x 15 x 15 cm. West bank of creek bed.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286354 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sCL, ?MS, wQZ, wSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7202706	N	UTM 536323	E	Strike Length Exp:	Metallics: 2%CP, 1%PY	20	1.12	178	413
	Elevation 1171	m	Sample Width:		True Width:	Secondaries: mSD, mMD	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Chloritized metasedimentary rock		1.58	151	5.95	0.0011
Sampled By: DC 06-Aug-06	In talus fan 3 m above creek. Fine-grained disseminated blotchy chalcopyrite and pyrite. Wispy siderite vein 1 cm wide with chalcopyrite.									
286355 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sCL, wSI, mAK	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7202699	N	UTM 536321	E	Strike Length Exp:	Metallics: 1%CP, 1%PY	13	0.15	17.1	66.4
	Elevation 1170	m	Sample Width:		True Width:	Secondaries: mHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Medium-grained breccia		1.27	61.9	1.4	0.0009
Sampled By: DC 06-Aug-06	Chlorite-feldspar-ankerite breccia boulder 0.2 x 0.5 x 0.5 m with fine-grained disseminated chalcopyrite in ankerite clasts. Down 2 m lower in talus from previous sample. Matrix supported breccia.									
286356 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wCL, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7202685	N	UTM 536350	E	Strike Length Exp:	Metallics: 1%CP, 2%PY, mAK	38	0.28	47.1	102
	Elevation		Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Shale with 3 cm quartz vein.		5.48	146.5	11.1	0.0002
Sampled By: DC 06-Aug-06	Felsic breccia boulder 0.4 x 0.4 x 0.4 m. Coarse-grained clast supported siliceous breccia. Talus slope dips 30 degrees below rounded knob. Disseminated chalcopyrite and pyrite to 1-2 %. Breccia contains shale wall rock.									
286357 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCL, mMS?, sSI, sSD	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7202079	N	UTM 535037	E	Strike Length Exp:	Metallics: 1%CP, 5%PY, 5%AK	44	1.21	1680	43.2
	Elevation		Sample Width:		True Width:	Secondaries: mHE?, wMC	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Felsic metasedimentary rock-carbonate		20	128.5	11.25	0.0006
Sampled By: DC 06-Aug-06	Strong orange to red rust on face. Pyrite stockwork veining 1 m wide. Coarse 1 x 1 x 1 mm blotchy chalcopyrite. Boulder 25 x 30 x 20 cm on north bank of creek.									
286358 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7195304	N	UTM 554829	E	Strike Length Exp:	Metallics: 5%CP, wHS	66	0.5	1.01 %	3380
	Elevation		Sample Width:		True Width:	Secondaries: wMC, wAK	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Light green phyllite/siliceous cherty sedimentary rock		0.81	119	1.04	0.0010
Sampled By: DC 07-Aug-06	Bright pink cobalt bloom on fresh fracture. At the top of the talus below outcrop bluff. Sample size is 10 x 3 x 3 cm.									
286359 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7195305	N	UTM 554831	E	Strike Length Exp:	Metallics: 5%CP, 5%HS	29	0.82	1.29 %	791
	Elevation		Sample Width:		True Width:	Secondaries: mMC	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Felsic cherty breccia fine-grained?		0.69	81.3	1.52	0.0023
Sampled By: DC 07-Aug-06	Dark black oxide on fresh surface. Chalcopyrite and specularite are associate with orange-red rust. Same area as previous (286358).									

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286360 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wCB, wMS?, sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7195295	N	UTM 554826	E	Strike Length Exp:	Metallics: 3%CP, 1%HS, 1%PY	61	0.98	9480	10001
	Elevation		Sample Width:		True Width:	Secondaries:	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
					Host : Felsic cherty unit?		1.67	417	1.05	0.0013
Sampled By: DC 07-Aug-06	Just below 286358. Pink cobalt bloom on fresh surface. Black oxide weathering. Siliceous. Fine-grained disseminated chalcopyrite. Blue-black coating on fresh surface.									
286361 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration: wCB, sSI, wAK	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7195274	N	UTM 554829	E	Strike Length Exp:	Metallics: 3%CP, 1%HS, 1%PY	8	0.43	3830	53.6
	Elevation 1467	m	Sample Width:		True Width:	Secondaries: sMN	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
					Host : Light grey-brown metasedimentary rock - fine-grained		0.28	26	1.3	0.0008
Sampled By: DC 07-Aug-06	Siliceous, 2% fine-grained disseminated chalcopyrite, round < 1 mm pink feldspathic looking clasts and darker rounded clasts. Not bad grade copper for outcrop. Rusty brown ankerite with chalcopyrite.									
286362 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7195262	N	UTM 554853	E	Strike Length Exp:	Metallics: 2%CP, 0.5%HS	28	0.45	6310	279
	Elevation		Sample Width:		True Width:	Secondaries: wAK, wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
					Host : Breccia/Metasedimentary rock - felsic, siliceous		1.47	30.7	1.27	0.0017
Sampled By: DC 07-Aug-06	Sample is tabular 30 x 20 x 5 cm. Fine-grained 2% disseminated chalcopyrite. Very similar material to 28636? 25 m downslope in talus from 28636?. GPS will not initialize.									
286363 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7195266	N	UTM 554882	E	Strike Length Exp:	Metallics: 4%CP, 1%PY	29	0.88	1.93 %	256
	Elevation		Sample Width:		True Width:	Secondaries:	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
					Host : Grey-brown cherty felsic breccia		1.68	31.3	1.06	0.0015
Sampled By: DC 07-Aug-06	Sample size is 30 x 25 x 15 cm with 4% fine-grained to veined < 0.1mm chalcopyrite (good grade). Rust colored orange oxide on fresh surface. Dark brown to blue-black weathered surface. In talus field 50 m below outcrop.									
286364 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wQZ, wSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7209692	N	UTM 558783	E	Strike Length Exp:	Metallics: 0.5%CP, 0.5%PY	45	2.42	4290	24.8
	Elevation		Sample Width:		True Width:	Secondaries: wMC, ?AK	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
					Host : Light green felsic quartz-carbonate altered metasedimentary		0.51	31.5	0.84	0.0007
Sampled By: DC 09-Aug-06	Rusty orange weathering on fractures. Fine-grained blebs of chalcopyrite, fine-grained pyrite, and blue-black mineral (chalcocite?). Football-sized rock in middle of creek.									
286365 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wCL, wQZ, wSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7209741	N	UTM 558762	E	Strike Length Exp:	Metallics: 0.5%CP	10	2.65	1255	10
	Elevation		Sample Width:		True Width:	Secondaries: wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
					Host : Light grey very fine-grained diorite?		8.15	7.1	0.93	0.0002
Sampled By: DC 09-Aug-06	Boulder 0.4 x 0.3 x 0.2 m in size in creek. Weak malachite on fractures in adjacent outcrop. magnetic (moderately). Chlorite porphyroblasts 0.5 mm in diameter.									

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286366 Wernecke

Grid North: UTM 7170223 N | Grid East: UTM 543995 E | Elevation | Sample Width:
Type: Grab | Strike Length Exp: | True Width: | Host : Phyllite
Alteration: wCA, wSI | Metallics: 2%CP | Secondaries: trAZ, wCC, mMC, wAK

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
152	22.2	7.68 %	683
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
6.65	779	2.24	0.0002

Sampled By: DC 11-Aug-06

Calcareous phyllite. Localized nodule/pod of malachite. Chalcopyrite in nose of fold. Interbedded with limestone.

286367 Wernecke

Grid North: UTM 7170233 N | Grid East: UTM 544015 E | Elevation 1546 m | Sample Width:
Type: Select | Strike Length Exp: | True Width: | Host : Carbonate/phyllite interbedded
Alteration: wSI | Metallics: 2%CP | Secondaries: mAK, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
381	3.16	2.45 %	174
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.71	200	0.88	0.0002

Sampled By: DC 11-Aug-06

Chalcopyrite is associate with ankerite and silica infusion, but spotty within these units. Upslope 25-30 m from previous. Small diagram showing orientation of units trending 180 (azimuth).

286368 Wernecke

Grid North: UTM 7195368 N | Grid East: UTM 578606 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Metasedimentary rock
Alteration: mCB, sQZ | Metallics: 2%CP | Secondaries: mGE, wHE, mJA, mMC,

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
14	0.48	9310	3.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
3.29	7.8	4.61	0.0008

Sampled By: DC 13-Aug-06

Quartz breccia vein, 5 cm wide in 15 x 20 x 10 cm float on steep north-facing talus slope.

286369 Wernecke

Grid North: UTM 7195356 N | Grid East: UTM 578973 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Grey-green brown weathering diorite
Alteration: wCB, wCL, wQZ | Metallics: 2%CP | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
31	0.67	7950	65.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.98	14.4	0.62	0.0006

Sampled By: DC 13-Aug-06

Talus block 15 x 10 x 8 cm. Quartz carbonate <0.1mm with chalcopyrite blotches. Chalcopyrite ~0.5 cm. Mineralization appears strong on fracture planes.

286370 Wernecke

Grid North: UTM 7195353 N | Grid East: UTM 578974 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: 0.9 cm | Host : Carbonate?
Alteration: mCB, wCL, wQZ | Metallics: 2%CP | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
82	0.09	728	5.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.4	6.7	6.75	0.0001

Sampled By: DC 13-Aug-06

Tabular sample 0.3 x 0.25 x 0.9 cm. Weak chalcopyrite and malachite in quartz-carbonate (felsic) breccia vein with argillite rip up clasts. South (160-azimuth) 2 m from previous sample (286369). 30 degree talus slope with moss and alder.

286371 Wernecke

Grid North: UTM 7195322 N | Grid East: UTM 579119 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Quartz - barite vein
Alteration: sSI | Metallics: 0.5%CP | Secondaries: wJA, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
26	0.1	208	0.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.54	0.4	0.74	0

Sampled By: DC 13-Aug-06

Block 0.25 x 0.25 x 0.25 m of white talus in area with other similar, but smaller blocks trending 040 on fall line of slope. North facing 30% talus slope. Spotty fine-grained to blebby chalcopyrite to 0.5 %.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286372 Wernecke

Grid North: UTM 7197341 N | Grid East: UTM 573186 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Diorite
Alteration: wCB, wCL, wQZ | Metallics: 2%CP, 0.5%MG, 0.5%PO | Secondaries: wMC, AK

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
559	5.14	2.64 %	229
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.8	33.5	2.44	0

Sampled By: DC 15-Aug-06

Blebs of 1-2% chalcopyrite, trace pyrite and weakly magnetic. Series of large and 1 x 1 x 1 m diorite boulders with trace mineralization associated with carbonate veining. Talus fan 30 m at 030 (azimuth) from last (286371).

286373 Wernecke

Grid North: UTM 7200081 N | Grid East: UTM 570490 E | Elevation 1385 m | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Fissile shale - thinly bedded flat dip.
Alteration: sCB, wQZ, wSI, sSD | Metallics: 1%CP, trPY | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
24	0.19	684	14.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.15	32.6	10.75	0

Sampled By: DC 18-Aug-06

Quartz-carbonate-siderite alteration talus. Three different blocks < 10 x 10 x 10 cm. North facing slop in fissile black shale talus. Tabular 30 x 25 x 4 cm sized sample.

286374 Wernecke

Grid North: UTM 7193784 N | Grid East: UTM 531575 E | Elevation 1197 m | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Dolomite
Alteration: mCB, wCL, mQZ | Metallics: 2%CP | Secondaries: wMC, mAK

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
27	0.39	1.61 %	60.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.34	9.8	0.33	0.0009

Sampled By: DC 19-Aug-06

Quartz-carbonate-ankerite alteration in dolomite breccia boulder 0.3 x 0.3 x 0.1 m on steep talus slope. Other longer unmineralized dolostone breccia in vicinity.

286375 Wernecke

Grid North: UTM 7211834 N | Grid East: UTM 527596 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Light grey metasedimentary rock
Alteration: wKF?, mSI, mAK | Metallics: trCP?, 5%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.04	140.5	5.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.62	68.3	1.84	0.0465

Sampled By: DC 22-Aug-06

Some dull rust weathering. Siliceous light grey metasedimentary rock, potassium feldspar? < 1 mm veinlets. Specular hematite veinlets 1 mm wide parallel to bedding or weak fabric. Fine-grained dark black mineral - brannerite?. 0.4x0.3x0.25 - subcrop? Boulder.

286376 Wernecke

Grid North: UTM 7211885 N | Grid East: UTM 527593 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Light grey siliceous metasedimentary rock with weak chlorite
Alteration: wCL?, wKF, sSI, wAK | Metallics: 4%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	224	9.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.17	19.5	1.15	0.0496

Sampled By: DC 22-Aug-06

Thinly bedded with local deformation/fabric in rock. Massive specular hematite veining 1mm wide. Talus boulder/subcrop 3 x 0.2 x 0.15 m.

286377 Wernecke

Grid North: UTM 7211897 N | Grid East: UTM 527600 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: mCL, mKF, mQZ, sSI | Metallics: 4%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	15.7	5.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.17	44.4	0.88	0.0262

Sampled By: DC 22-Aug-06

This boulder has stronger potassium feldspar veinlets with fine-grained black sulfide?/biotite? Chlorite veinlets 0.1 mm, 1 mm quartz veinlets in fabric.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286378 Wernecke

Grid North: UTM 7211892 N | Grid East: UTM 527577 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Light grey metasedimentary rock
Alteration: wCL, trKF, wQZ, mSI, mAK | Metallics: 4%HS | Secondaries: trHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	7.9	8.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.11	27.7	0.86	0.0189

Sampled By: DC 22-Aug-06

Light grey metasedimentary rock with rusty orange weathering. Less potassium feldspar.

286379 Wernecke

Grid North: UTM 7211855 N | Grid East: UTM 527608 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: wCL, mKF, mQZ, sSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	6.1	10.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.18	62.8	2.9	0.1027

Sampled By: DC 22-Aug-06

Strong potassium feldspar/silica alteration. Localized spikes in scintillometer readings as high as 2100, but ~800 CPS on average. Seems fracture controlled.

286380 Wernecke

Grid North: UTM 7211923 N | Grid East: UTM 527632 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Platy phyllite
Alteration: mCL, mKF, sSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	3.2	4.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.11	22.9	0.86	0.0117

Sampled By: DC 22-Aug-06

Fist-sized sample near outcrop (north) 6 m east. Sporadic staining 400-2200 CPS in fractures and relocalized. Increasing chlorite.

286381 Wernecke

Grid North: UTM 7211915 N | Grid East: UTM 527623 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Light grey phyllite
Alteration: mCL, sKF, mSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	3.8	5.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.18	45.5	1.29	0.0420

Sampled By: DC 22-Aug-06

Altered metasedimentary rock as above.

286382 Wernecke

Grid North: UTM 7211903 N | Grid East: UTM 527620 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	7.1	10.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.08	64.5	1.18	0.0029

Sampled By: DC 22-Aug-06

Blocky 0.4 x 0.5 x 0.3 m boulder. Average scintillometer reading of 1000 CPS (2700 on fragment). Specular hematite vein 1 mm wide with chlorite on fracture has highest scintillometer values.

286383 Wernecke

Grid North: UTM 7211902 N | Grid East: UTM 527619 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Grey phyllite
Alteration: mCL, sQZ, sSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	2.5	8.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.11	43.7	1.26	0.0247

Sampled By: DC 22-Aug-06

Stockwork vein 1mmm wide with potassium feldspar . Less specular hematite. Still chlorite in fracture. Readings spike on all fracture planes - 1 m - stacked.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286384 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sKF, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211900	N	UTM 527628	E	Strike Length Exp:	Metallics: mHS	<5	0.02	4	3.2
	Elevation		Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Boulder in talus 0.5 x 0.25 x 0.15 m		0.06	17.6	0.52	0.0031
Sampled By: DC 22-Aug-06	Very angular-subcrop. Average scintillometer reading of 800-1460 CPS. Specular hematite-quartz veining parallel to fabric in rock. Upslope 2m south from previous sample.									
286385 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sCL, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211897	N	UTM 527541	E	Strike Length Exp:	Metallics:	<5	<0.01	3.4	13.2
	Elevation		Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Siliceous grey phyllite		0.1	44.1	1.9	0.0814
Sampled By: DC 22-Aug-06	Football-sized. Strong chlorite in fabric/fracture planes.									
286386 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211876	N	UTM 527541	E	Strike Length Exp:	Metallics: trHS	<5	0.03	20.7	5.9
	Elevation		Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Altered phyllite		0.43	19.4	3.78	0.2242
Sampled By: DC 22-Aug-06	Pink sulfide? - Hematite overprint? Fine-grained black mineral - 2% brannerite.									
286387 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCL, sQZ, sSI, ?KF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211881	N	UTM 527545	E	Strike Length Exp:	Metallics:	19	<0.01	4.3	4.2
	Elevation		Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Grey phyllite		0.31	20.3	5.99	0.3186
Sampled By: DC 22-Aug-06	Boulder 0.4 x 0.3 x 0.2 m with scintillometer readings of 500-1200 CPS. Cross cutting quartz stringers. Pink hematite-rich quartz veining parallel to bedding.									
286388 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCL, mQZ, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211675	N	UTM 527545	E	Strike Length Exp:	Metallics:	<5	0.03	4.6	6.8
	Elevation		Sample Width:		True Width:	Secondaries: wJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Thinly bedded siliceous phyllite		0.34	28.9	7.12	0.2950
Sampled By: DC 22-Aug-06	Angular boulder 0.3 x 0.2 x 1 m. Pink mineral - brown fractures - hematite? Scintillometer readings of 500-1900 CPS.									
286389 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wCL, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211811	N	UTM 527513	E	Strike Length Exp:	Metallics:	<5	0.02	10.8	4.4
	Elevation		Sample Width:		True Width:	Secondaries: wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Siliceous phyllite		0.06	31.9	0.67	0.0093
Sampled By: DC 22-Aug-06	Boulder 1.5 x 1 x 0.3 m, same as above. Spikes 500-2600 CPS on the scintillometer. Hematite on fractures with chlorite.									

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286390 Wernecke

Grid North: UTM 7211816 N | Grid East: UTM 527481 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Alteration: mCL, ?KF | Metallics: | Secondaries: wGE, mHE
Host : Siliceous grey phyllite

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	25.7	13.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.14	33.2	1.49	0.0090

Sampled By: DC 22-Aug-06

Light pink alteration mineral and chlorite parallel to and on fracture surfaces. Three large boulders with similar CPS. Scintillometer spikes to 1200 CPS. Boulder 0.5 x 0.5 x 0.5 m in block talus train. Light orange rust. Fine-grained black mineral.

286391 Wernecke

Grid North: UTM 7211500 N | Grid East: UTM 525556 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Alteration: sKF | Metallics: trCP? | Secondaries:
Host : Potassium feldspar altered diorite

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
19	0.46	27	9.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.09	24.2	3.05	0.0673

Sampled By: DC

Talus boulder 0.25 x 0.25 x 0.25 m excavated from moss covered slope. Fine-grained dark mineral to 0.5 %.

286392 Wernecke

Grid North: UTM 7211596 N | Grid East: UTM 525559 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Alteration: | Metallics: trCP? | Secondaries:
Host : Potassium feldspar altered diorite

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
61	0.44	97.4	14.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.88	23.7	5.39	0.1416

Sampled By: DC

Tabular float 30 x 20 x 10 cm located 10m directly upslope (south). Much better piece, spikes as high as 4600 average 3000 CPS. Below north facing talus slope 15 m.

286393 Wernecke

Grid North: UTM 7210795 N | Grid East: UTM 524651 E | Elevation | Sample Width: 6
Type: Float | Strike Length Exp: | True Width:
Alteration: mQZ | Metallics: 10%CP, 4%PY | Secondaries: wAZ, sHE, mAK
Host : Black argillaceous shale

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
331	82.6	7.73 %	507
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
8.69	239	2.57	0.0001

Sampled By: DC 26-Aug-06

Snow covered outcrop 75 m upslope to the west. Quartz-ankerite vein intruding argillite along plane of foliation. Strong orange rust with 10 % to massive chalcopyrite. Boulder 2 x 1.5 x 0.7 m on west bank of creek.

286394 Wernecke

Grid North: UTM 7200839 N | Grid East: UTM 558834 E | Elevation 780 m | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Alteration: sKF | Metallics: mHS | Secondaries: mHE
Host : ?

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	0.03	6.9	8.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.15	12.9	1.98	0.0400

Sampled By: DC 27-Aug-06

Angular boulder 0.3 x 0.2 x 0.15 m at bottom of talus slope. Appears to be part of talus constituents.

286395 Wernecke

Grid North: UTM 7211630 N | Grid East: UTM 525557 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Alteration: trCL, sKF, ?SI | Metallics: ?HS | Secondaries:
Host : Strongly altered felsic rock

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
301	1.84	32.5	21.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
285	25.5	9.25	0.3422

Sampled By: DC 29-Aug-06

Talus boulder 0.3 x 0.2 x 0.15 m under moss. Downslope 30 m in 354 (azimuth) trend from previous samples. Fine-grained dark sulfide mineral to 2 %.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286396 Wernecke

Grid North: UTM 7197925 N | Grid East: UTM 539304 E | Type: Float | Alteration: wKF?, sSI
Elevation | Sample Width: | Strike Length Exp: | Metallics: 1%PY | True Width: | Secondaries:
Host : Beige to light pinkish - heterolithic

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
8	0.28	264	101.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.87	27	1.11	0.0007

Sampled By: DC 30-Aug-06

Siliceous, fine-grained disseminated pyrite.

286397 Wernecke

Grid North: UTM 7197927 N | Grid East: UTM 539299 E | Type: Float | Alteration: wCL, wKF, sSI
Elevation | Sample Width: | Strike Length Exp: | Metallics: 2%PY | True Width: | Secondaries: wHE
Host : Light grey-brown heterolithic

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
15	1.1	927	78.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.42	29.3	3.1	0.0053

Sampled By: DC 30-Aug-06

Tabular 0.3 x 0.2 x 0.1 m. Fine-grained disseminated pyrite to 2 %.

286398 Wernecke

Grid North: UTM 7197926 N | Grid East: UTM 539285 E | Type: Float | Alteration: wCL, wKF?, sSI
Elevation | Sample Width: | Strike Length Exp: | Metallics: 2%PY | True Width: | Secondaries: wHE
Host : Heterolithic breccia

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	0.05	62.1	142
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.18	26.2	1.13	0.0007

Sampled By: DC 30-Aug-06

Fine-grained pyrite, siliceous 1 x 2 cm clasts. Tabular 0.2 x 0.15 x 0.1 m talus. Upslope 20 m from previous.

286399 Wernecke

Grid North: UTM 7197942 N | Grid East: UTM 539303 E | Type: Float | Alteration: wCL, sSI
Elevation | Sample Width: | Strike Length Exp: | Metallics: trPY | True Width: | Secondaries:
Host : Light green-white felsic

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
15	0.18	67.6	8.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.34	5.3	2.35	0.0376

Sampled By: DC 30-Aug-06

Boulder 0.3 x 0.3 x 0.3 m buried under smaller talus. Dark patches (~0.5 cm) of fine-grained black brannerite.

286400 Wernecke

Grid North: UTM 7197496 N | Grid East: UTM 539304 E | Type: Float | Alteration: wCL, sSI
Elevation | Sample Width: | Strike Length Exp: | Metallics: 1%PY | True Width: | Secondaries: wHE
Host :

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	44.2	38.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.39	5.6	0.52	0.0005

Sampled By: DC 30-Aug-06

Talus 0.35 x 0.35 x 0.35 m. Felsic, siliceous with 0.5 % disseminated pyrite and 1 % brannerite.

286401 Wernecke

Grid North: UTM 7197795 N | Grid East: UTM 546190 E | Type: Grab | Alteration: sSI
Elevation 1388 m | Sample Width: 1 cm | Strike Length Exp: | Metallics: | True Width: 2 cm | Secondaries:
Vein+Fault 100°/75° S
Host : Silicified siltstone - fault breccia cross-cutting.

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	11.3	31.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.14	29.7	0.82	0.0008

Sampled By: EC 24-Jun-06

Fault zone with quartz-siderite-specularite veins. Very brittle, very hard cross cutting very large Wernecke Breccia. Strike and dip are recorded on zone boundary of vein and fault.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286402 Wernecke

Grid North: UTM 7197719 N | Grid East: UTM 546200 E | Elevation | Sample Width: 10 cm | True Width:
Type: Grab | Strike Length Exp: 30c m | Host : Mineralized clast of host rock in Wernecke Breccia - heterolit
Alteration: sSI | Metallics: mHS | Secondaries: mGE, mHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
14	<0.01	4.6	84.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.59	22.7	0.68	0.0031

Sampled By: EC 24-Jun-06

Silicified clast of sedimentary host rock within large boulder of heterolithic Wernecke Breccia. Blocks looks close to source (grab). Clast is 40 x 10 cm and is hematite-goethite-jarosite stained with specularite. Minor vugs after sulfides.

286403 Wernecke

Grid North: UTM 7197686 N | Grid East: UTM 546200 E | Elevation | Sample Width: 25 cm | True Width: 2.5 cm
Vein 050°/85° E
Type: Chip | Strike Length Exp: | Host : Quartz vein cross cutting megaclast in breccia
Alteration: sSI | Metallics: | Secondaries: mGE, mHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
203	0.02	3.1	103.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.32	19.8	0.66	0.0004

Sampled By: EC 24-Jun-06

Quartz vein 1 inch wide with intense iron oxide staining, cross cutting mega-clast in Wernecke Breccia. Edge of mega-clast is strongly iron oxide stained. Iron oxide filled vugs in quartz vein and on edge of clasts after sulfides. Clast is strongly siliceous. Sampled both the quartz vein and mega-clast.

286404 Wernecke

Grid North: UTM 7197645 N | Grid East: UTM 546222 E | Elevation | Sample Width: | True Width:
Vein
Type: Grab | Strike Length Exp: | Host : Quartz vein in heterolithic breccia
Alteration: | Metallics: mPY | Secondaries: mGE, mHE, wJA, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
1855	0.16	74.3	1280
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
6.1	185.5	0.67	0.0001

Sampled By: EC 24-Jun-06

Massive white quartz vein with strong hematite-goethite staining with vugs after sulfides. minor jarosite and trace malachite staining. Grab sample from vein cross cutting breccia.

286405 Wernecke

Grid North: UTM 7197574 N | Grid East: UTM 546283 E | Elevation | Sample Width: | True Width:
Type: Float | Strike Length Exp: | Host : Iron-oxide stained and silicified sedimentary rock
Alteration: mCB, mSI, mHS | Metallics: | Secondaries: mGE, mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
32	0.03	4.9	122
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.01	39	0.85	0.0002

Sampled By: EC 24-Jun-06

Sample not in situ. Silicified, iron oxide-stained, quartz-carbonate-veined sedimentary rock. At top of glacial deposit on east side of main drainage.

286406 Wernecke

Grid North: UTM 7197466 N | Grid East: UTM 546604 E | Elevation | Sample Width: | True Width:
Type: Float | Strike Length Exp: | Host :
Alteration: mCB, mCL, sSI, sHS | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	0.05	29.9	21
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.2	23.2	0.66	0.0007

Sampled By: EC 24-Jun-06

Silicified, breccia with abundant specularite and siderite infill. Slickensides with m any large voids. Grab float on hillside.

286407 Wernecke

Grid North: UTM 7197290 N | Grid East: UTM 546826 E | Elevation | Sample Width: 40 cm | True Width: 3 m
Fault 045°/90°
Type: Grab | Strike Length Exp: | Host : Massive specularite altered zone
Alteration: wQZ | Metallics: sHS, wPY | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
17	0.28	7.8	73.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.63	203	2.59	0.0004

Sampled By: EC 24-Jun-06

Outcrop 3 m wide of massive specularite with minor pyrite, chlorite and quartz. Unsure if it is fault or just an alteration zone. Abundant slickensides in zone which strikes 045 from true north, subvertical.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286408 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: wCB, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7195670 N	UTM 538488 E	Strike Length Exp:	Metallics: 3%HS, 0.5%MG, 1%PY	<5	0.05	128.5	13.4
	Elevation	Sample Width:	True Width:	Secondaries: mGE, wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
			Host : Massive quartz vein, float in creek		0.16	14.5	0.36	0.0001
Sampled By: EC 25-Jun-06	Massive bull quartz vein float in high energy creek. Abundant goethite-hematite staining on fractures. minor pyrite-trace chalcopyrite?. minor specular hematite, minor carbonate patches. Minor iron oxide filled vugs.							
286409 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: mCB, wQZ, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7195754 N	UTM 538374 E	Strike Length Exp:	Metallics: 0.3%CP, 20%HS, 0.5%PY	31	0.3	3730	9.2
	Elevation	Sample Width:	True Width:	Secondaries: trMC	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
			Host : Wernecke Breccia - heterolithic		0.38	15.3	1.24	0.0007
Sampled By: EC 25-Jun-06	Wernecke Breccia - heterolithic; silica-carbonate altered, silica altered and albite altered clasts. Abundant specular hematite and carbonate infill. Minor fine-grained pyrite and chalcopyrite and some 8 mm wide malachite staining. Float at the base of slope.							
286410 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: mCB, sAB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7195773 N	UTM 538212 E	Strike Length Exp:	Metallics: 0.3%CP, 20%MG	5	0.02	377	9.1
	Elevation	Sample Width:	True Width:	Secondaries: mHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
			Host : Wernecke Breccia		0.03	21	1.01	0.0002
Sampled By: EC 25-Jun-06	Albite-magnetite-iron carbonate altered rock, veined and brecciated with trace chalcopyrite. Float at the bottom of chute.							
286411 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7195784 N	UTM 538194 E	Strike Length Exp:	Metallics: 20%HS, 0.5%PY	26	0.71	43.1	75.8
	Elevation	Sample Width:	True Width:	Secondaries: mGE, sHE, wJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
			Host : Silicified breccia		2.66	48.3	3.68	0.001
Sampled By: EC 25-Jun-06	Strongly weathered iron oxide stained breccia. Gossanous float with abundant vugs and trace pyrite - Juicy!							
286412 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7195791 N	UTM 538157 E	Strike Length Exp:	Metallics: 10%HS	76	1.04	212	74.5
	Elevation	Sample Width: 2 m	True Width: 5 m	Secondaries: sGE, sHE, wJA, vwMC	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
	Fault 070°/87° W		Host : Fault-gossanous		11.7	50.8	2.85	0.0022
Sampled By: EC 25-Jun-06	Gossanous fault zone up to 2 m wide crosscutting ironstone. Strongly weathered with secondary hematite-goethite-jarosite?. Abundant voids after sulfides. Some quartz clasts - fault zone/breccia. Host rock is Wernecke breccia with 5 m wide exposure of massive ironstone. Trace malachite. Note higher CPS.							
286413 Wernecke	Grid North:	Grid East:	Type: Grab + Chip	Alteration: mCB, wCL, mSI, mAB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7195780 N	UTM 538133 E	Strike Length Exp: 10 m	Metallics: 20%HS	8	0.04	19.6	19.8
	Elevation	Sample Width: 3 m	True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
	Foliation 065°/70° E		Host : Massive Wernecke Breccia		0.12	30	0.96	0.0010
Sampled By: EC 25-Jun-06	Massive, hard heterolithic breccia with matrix supported siliceous, hematite dusted albite (pink) clasts. Silica-chlorite-carbonate-specular hematite matrix. Minor malachite staining on outcrop. Vugs. Slickenside indicates strike slip movement along exposed surface.							

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286414 Wernecke

Grid North:	Grid East:	Type: Float	Alteration:	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7195740 N	UTM 538075 E	Strike Length Exp:	Metallics: 10%HS, 2%PY	75	1.46	4.32 %	23.5
Elevation	Sample Width:	True Width:	Secondaries: trAZ, wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
		Host : Mineralized float - ironstone? and diorite?		1.77	67.9	1.25	0.0038

Sampled By: EC 25-Jun-06

Two pieces of float in creek with different types of host rock. The first is ironstone with minor malachite staining and the second is veined diorite/intrusive with abundant specular hematite and pyrite with possible chalcopyrite veinlets and abundant malachite-azurite. Sample in main creek with iron oxide staining on wall adjacent.

286415 Wernecke

Grid North:	Grid East:	Type: Select	Alteration: sCL, sSI, sAB	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7195790 N	UTM 538040 E	Strike Length Exp:	Metallics: 0.5%PY	23	0.19	115.5	120.5
Elevation	Sample Width: 0.5 m	True Width: 10 m	Secondaries: mGE, mHE	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
000°/90°		Host : Brittle shear zone		2.78	19	0.84	0.0002

Sampled By: EC 25-Jun-06

Iron oxides bleeding out of walls in a siliceous-chloritic +/- albitic altered brittle shear zone striking approximately 000-350 (azimuth from true north) subvertical. Shear terminated at creek. Very steep so could not safely reach the best looking zones.

286416 Wernecke

Grid North:	Grid East:	Type: Chip	Alteration: sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7195672 N	UTM 538000 E	Strike Length Exp: 15 m	Metallics:	19	0.34	383	32.4
Elevation	Sample Width: 5 m	True Width: 15 m	Secondaries: mGE, sHE, mJA, wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
Fault 335°/85° E		Host : Fault zone		4.93	20.2	2.25	0.0004

Sampled By: EC 25-Jun-06

Chip sample 1 of 3. Wide fault breccia zone. Siliceous, some brecciated zones. Intense hematite-goethite-jarosite staining. Trace malachite staining. massive gossanous outcrop. Poor attempt at chip sample due to gay "geopick".

286417 Wernecke

Grid North:	Grid East:	Type: Chip	Alteration: sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7195675 N	UTM 538000 E	Strike Length Exp: 15 m	Metallics:	12	0.16	148.5	16.2
Elevation	Sample Width: 5 m	True Width: 15 m	Secondaries: mGE, sHE, mJA, wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
Fault 335°/85° E		Host : Fault zone		4.08	13.7	1.63	0.0005

Sampled By: EC 25-Jun-06

As previous (286416) channel sample 2 of 3. From 5-10 m along strike.

286418 Wernecke

Grid North:	Grid East:	Type: Chip	Alteration: sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7195677 N	UTM 538009 E	Strike Length Exp: 15 m	Metallics:	7	0.11	46.7	10.1
Elevation	Sample Width: 5 m	True Width: 15 m	Secondaries: mGE, sHE, mJA, wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
Fault 335°/85° E		Host : Fault zone		1.87	12.7	1.66	0.0004

Sampled By: EC 25-Jun-06

As previous two (286416, 286417) channel sample 3 of 3 between 10 and 15 m. More massive and siliceous than previous with 320 CPS average. Some fine black veinlets with slightly higher CPS readings.

286419 Wernecke

Grid North:	Grid East:	Type: Float	Alteration: mSI, sHS	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7194725 N	UTM 537930 E	Strike Length Exp:	Metallics:	<5	0.11	33.7	4.4
Elevation	Sample Width:	True Width:	Secondaries: mGE, HE	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
		Host : A shale/siltstone		0.56	9.7	1.17	0.0004

Sampled By: EC 25-Jun-06

Strong to intense silica-specular hematite altered moderately-bedded shale. Folding evident. Strongly weathered with abundant secondary hematite and goethite. Float in the middle of main drainage.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286420 Wernecke

Grid North: UTM 7195210 N | Grid East: UTM 538200 E | Elevation | Sample Width: | True Width:
Type: Float | Strike Length Exp: | Host :
Alteration: sSI | Metallics: 0.3%CP, 0.3%PY | Secondaries: trAZ, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.14	3290	4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.11	10.2	0.67	0.0003

Sampled By: EC 25-Jun-06

Malachite-azurite stained siliceous rock, totally recrystallized. Trace fine-grained sulfides. Float in main creek.

286421 Wernecke

Grid North: UTM 7194725 N | Grid East: UTM 537930 E | Elevation | Sample Width: | True Width:
Type: Float | Strike Length Exp: | Host : Quartz vein
Alteration: mCL, sSI, mHS | Metallics: 1%PY | Secondaries: wGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.23	99.9	14.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.57	51.2	0.79	0.0001

Sampled By: EC 25-Jun-06

Hungry quartz vein with trace pyrite. Location the same as 286419.

286422 Wernecke

Grid North: UTM 7194679 N | Grid East: UTM 537934 E | Elevation | Sample Width: | True Width:
Type: Float | Strike Length Exp: | Host : Subcrop fault/gossan
Alteration: mSI | Metallics: 3%CP, 5%PY | Secondaries: mGE, mHE
Fault 035°/°

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
1260	6.93	5.75 %	41.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
8.06	111.5	10.45	0.0002

Sampled By: EC 25-Jun-06

Gossanous fault breccia material with abundant sulfides. Pagisteel Fault (strikes 035). Area is 20 m north-south by approximately 10 m east-west, iron rich subcrop on east bank of creek. 1992 Equity samples at same location. See notes.

286423 Wernecke

Grid North: UTM 7194682 N | Grid East: UTM 537924 E | Elevation | Sample Width: 5 m | True Width:
Type: Grab | Strike Length Exp: 25 m | Host : Pagisteel Fault
Alteration: sCB, mQZ | Metallics: 0.5%CP | Secondaries: wMC
Fault 035°/°

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
140	0.78	7870	17.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.8	15.6	3.83	0.0006

Sampled By: EC 25-Jun-06

Massive siderite-quartz veins with trace to minor chalcopyrite and malachite coating/staining.

286425 Wernecke

Grid North: UTM 7210725 N | Grid East: UTM 559869 E | Elevation | Sample Width: | True Width:
Type: Float | Strike Length Exp: | Host : Altered siltstone
Alteration: sSI | Metallics: 1%CP, 3%HS, 5%PY, 0.5 | Secondaries: wAZ, wGE, mHE, wMC,

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	42.3	14.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.08	12.1	0.57	0.0002

Sampled By: EC 26-Jun-06

Silicified sedimentary rock with abundant sulfides (pyrite-chalcopyrite?-sphalerite) minor specularite, and moderate iron oxides and manganese oxides.

286426 Wernecke

Grid North: UTM 7210752 N | Grid East: UTM 559826 E | Elevation | Sample Width: | True Width:
Type: Float | Strike Length Exp: | Host : Metamorphosed sedimentary rock
Alteration: sSI | Metallics: 0.3%AS, 2%PY | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
273	0.24	3.69 %	61.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.87	43.1	0.6	0.0009

Sampled By: EC 26-Jun-06

Light green-grey intensely silicified (recrystallized) shear and veined sedimentary rock. Cross cutting quartz siderite-sulfide veins 1-5 cm wide. Abundant vugs on veins after sulfides. Boulder 40 x 20 cm.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286427 Wernecke

Grid North: UTM 7210722 N | Grid East: UTM 559933 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Massive Wernecke Breccia
Alteration: sCB, sSI | Metallics: 0.5%CP, 1%PY, 1%BZ | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
12	0.03	705	12.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.08	8.3	0.31	0.0124

Sampled By: EC 26-Jun-06

Massive silica-carbonate altered breccia with minor stringers of magnetite-pyrite-chalcopyrite. Disseminated medium-grained brannerite? with red hematite haloes. High scintillometer reading - 1100 CPS.

286428 Wernecke

Grid North: UTM 7210722 N | Grid East: UTM 559933 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Altered siltstone
Alteration: mCB, vsSI | Metallics: 3%PY | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
35	0.23	2340	34.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.1	27.6	0.4	0.0006

Sampled By: EC 26-Jun-06

Silicified fine-grained totally altered sedimentary rock with disseminated fine-grained pyrite, hematite, minor malachite staining. Moderate carbonate veining.

286429 Wernecke

Grid North: UTM 7210635 N | Grid East: UTM 560265 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Massive quartz vein/fault fill
Alteration: mCB, sQZ | Metallics: 5%PY | Secondaries: mHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
44	0.07	1.13 %	47.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.14	56.8	0.3	0.0003

Sampled By: EC 26-Jun-06

Massive quartz-carbonate vein disseminated pyrite (about 10%), trace malachite on weathered surface.

286430 Wernecke

Grid North: UTM 7210635 N | Grid East: UTM 560265 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Cherty sedimentary rock
Alteration: sSI | Metallics: 10%PY | Secondaries: trMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
303	0.22	4650	8.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.11	7.1	0.31	0.0002

Sampled By: EC 26-Jun-06

Banded cherty/silicified sedimentary rock with preferential pyrite alteration of beds. Pyrite up to 30% of some bands. Trace malachite on fractures.

286431 Wernecke

Grid North: UTM 7210210 N | Grid East: UTM 560294 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: sSI | Metallics: 3%PY | Secondaries: ER, MC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
141	0.87	4.02 %	1700
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.54	163	0.97	0.0014

Sampled By: EC 26-Jun-06

As sample 286432, but float. Sample ~15 m downslope. Abundant secondary weak, minor eurythrite.

286432 Wernecke

Grid North: UTM 7210215 N | Grid East: UTM 560290 E | Elevation | Sample Width: 50 cm | Bedding 100°/75° S
Type: Grab | Strike Length Exp: | True Width: 1 m | Host : Altered sedimentary rock and strong mineralization
Alteration: wCB, sSI | Metallics: 10%PY | Secondaries: wAZ, wER, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
297	2.57	4.93 %	136.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.8	50.2	0.58	0.0013

Sampled By: EC 26-Jun-06

Grab sample across 50 cm outcrop at top of scree chute. Banded sedimentary rock - strongly silicified with abundant sulfides. Copper-carbonated and minor eurythrite staining. Mineralization occurs as the boundary between siliceous sedimentary rocks and carbonaceous sedimentary rocks. Wide silicified zone.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286433 Wernecke

Grid North: UTM 7210483 N | Grid East: UTM 560827 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: sSI | Metallics: 0.5%CP, 2%MG, 3%PY | Secondaries: trAZ, wGE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
72	1.72	6320	14.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.24	20.9	0.34	0.0019

Sampled By: EC 26-Jun-06

Intensely silicified sandstone/siltstone with pyrite-chalcopyrite-magnetite veinlets and secondary copper carbonates.

286434 Wernecke

Grid North: UTM 7212434 N | Grid East: UTM 560840 E | Elevation | Sample Width: 1.5 cm
Vein 240°/40° E
Type: Select | Strike Length Exp: | True Width: 2 cm | Host : Carbonate-silica banded sedimentary rock in fault zone
Alteration: mCA, mSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	10.3	8.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.13	19.5	0.65	0.0012

Sampled By: EC 26-Jun-06

Carbonate-quartz altered sedimentary rock. Small fault zone with fine sub parallel veinlets. Quartz-hematite-black unidentified mineral (brannerite?). Sampled veins but they are very fine so got some wall rock too.

286435 Wernecke

Grid North: UTM 7210724 N | Grid East: UTM 559958 E | Elevation | Sample Width:
Type: | Strike Length Exp: | True Width: | Host : Banded sedimentary rock
Alteration: sSI | Metallics: 7%PY | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
13	0.07	2590	2150
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.22	128.5	0.32	0.0009

Sampled By: EC 26-Jun-06

Silicified sedimentary rock with fine-grained sulfide in preferential bands. Abundant eurythrite staining. Host rock is a banded/bedded carbonate and intercalated silica-rich beds.

286436 Wernecke

Grid North: UTM 7191653 N | Grid East: UTM 573503 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Vein
Alteration: QZ | Metallics: 20%SZ | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	0.04	43.8	85.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.12	48	0.95	0.0001

Sampled By: EC 27-Jun-06

Quartz-skutterudite? Vein 3 cm wide with coarse-grained euhedral skutterudite grains. Float in north-south draining creek.

286437 Wernecke

Grid North: UTM 7191803 N | Grid East: UTM 573223 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Wernecke Breccia
Alteration: mCA, mSI | Metallics: 7%HS, 0.5%PY | Secondaries: wHE, w-trMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	0.09	316	34.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.25	48.5	1.39	0.0004

Sampled By: EC 27-Jun-06

Dark green-black matrix supported Wernecke Breccia with trace sulfides and malachite staining.

286438 Wernecke

Grid North: UTM 7191817 N | Grid East: UTM 573041 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Diorite
Alteration: mKF, mSI | Metallics: 15%MG, 5%PY | Secondaries: trAZ, wHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	0.22	1390	61.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.19	41.1	1.95	0.0001

Sampled By: EC 27-Jun-06

Potassium feldspar-magnetite-silica-biotite(?) diorite with disseminated fine-grained pyrite and malachite-azurite. Hematite staining. Same site as rock 73777C.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286439 Wernecke

Grid North: UTM 7203320 N | Grid East: UTM 545905 E | Type: Float | Alteration: mCB, mCL, sQZ
Elevation | Sample Width: | Strike Length Exp: | True Width: | Metallics: 5%PY | Secondaries: wGE, mHE
Host : Quartz-siderite vein with sulfides and iron oxide staining

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.1	1780	48
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.67	31.4	0.44	0.0001

Sampled By: EC 28-Jun-06

Massive quartz-siderite-chlorite vein with abundant pyrite and intense hematite+/- goethite staining small piece of flood on east bank of main northwest draining creek.

286440 Wernecke

Grid North: UTM 7203200 N | Grid East: UTM 545903 E | Type: Chip | Alteration: wBI, mCA, mCL, sSI
Elevation | Sample Width: 1 m | Strike Length Exp: | True Width: | Metallics: | Secondaries:
Joint 150°/80° E | Host :

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	13.3	5.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.19	18.2	0.29	0.0002

Sampled By: EC 28-Jun-06

Slickensides indicating strike slip movement with the west block moving north. massive Wernecke Breccia - heterolithic. Silicate-carbonate-chlorite +/- biotite matrix. Clasts to 10 cm. Barren background. Same site as sample number 44552 - D.C. 1995.

286441 Wernecke

Grid North: UTM 7203025 N | Grid East: UTM 546491 E | Type: Float | Alteration: wBI, mCA, sCL, sSI
Elevation | Sample Width: | Strike Length Exp: | True Width: | Metallics: | Secondaries: wHE
Host : Heterolithic breccia

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	21.1	18.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.01	50	0.23	0.0003

Sampled By: EC 27-Jun-06

Dark green to clack heterolithic Wernecke Breccia. Silica-carbonate-chlorite+/-biotite altered clast supported float. Sampled 5 m from outcrop on side of hill.

286442 Wernecke

Grid North: UTM 7203020 N | Grid East: UTM 546500 E | Type: Chip | Alteration: sCA, sSI
Elevation | Sample Width: | Strike Length Exp: | True Width: 0.1 cm | Metallics: | Secondaries: wHE
Host : Thin sheeted veins

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	35.6	13.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.06	32.4	0.49	0.0002

Sampled By: EC 27-Jun-06

Fine parallel quartz-calcite+/-hematite stained stringers in outcrop. Rock here is more radioactive generally ~300 CPS.

286443 Wernecke

Grid North: UTM 7176450 N | Grid East: UTM 527577 E | Type: Select | Alteration: SI
Elevation | Sample Width: 1 cm | Strike Length Exp: | True Width: | Metallics: | Secondaries: HE
Fault+Foliation 300°/85° N | Host : Proterozoic Quartet Group: Sheared up sedimentary rock - s

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	49.4	9.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.23	28.1	3.9	0.0004

Sampled By: EC 29-Jun-06

Sheared up zone with strong fabric developed ferruginous with some quartz fill. Anomalous scintillometer reading. Bedding 220/30 W.

286444 Wernecke

Grid North: UTM 7176353 N | Grid East: UTM 527451 E | Type: Float | Alteration: mSI
Elevation | Sample Width: | Strike Length Exp: | True Width: | Metallics: 0.1%BO, 1%CP, 5%PY | Secondaries: wGE, mHE
Host : Sheared sedimentary rock/mylonite

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.08	354	69.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.19	21.1	1.88	0.0002

Sampled By: EC 29-Jun-06

Sheared up sedimentary rock, with abundant iron oxide. Staining and minor medium-grained pyrite and lesser chalcopyrite. One speck of bornite. Strongly weathered. Float in creek from scree just above.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286445 Wernecke

Grid North: UTM 7176387 N | Grid East: UTM 527200 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Fault material
Alteration: sSI | Metallics: 3%AS | Secondaries: wGE, mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
20	0.31	29	61.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
3.49	71.2	4.62	0.0002

Sampled By: EC 29-Jun-06

Weathered, iron oxide stained quartz-rich fault, filled with fine-grained disseminated grey sulfides - arsenopyrite. Float at bottom of scree slope.

286446 Wernecke

Grid North: UTM 7176381 N | Grid East: UTM 527187 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: sQZ | Metallics: 10%PY | Secondaries: mGE, mHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
56	0.81	60.7	130
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
13.75	160.5	15.3	0.0003

Sampled By: EC 29-Jun-06

Jarosite-hematite-goethite stained quartz vein with abundant fine-grained sulfide, open space filling. Float.

286447 Wernecke

Grid North: UTM 7176348 N | Grid East: UTM 527187 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: sSI | Metallics: 0.3%BO, 1%CP, 1%PO, 5 | Secondaries: trAZ, wGE, wHE, mMC,

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
1710	40.8	11.9 %	17
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
239	19	1.13	0.0009

Sampled By: EC 29-Jun-06

Silicified metasomatized sedimentary rock with abundant fine-grained sulfides (pyrite, chalcopyrite, pyrrhotite) and heaps of malachite staining. Float at base of scree slope.

286448 Wernecke

Grid North: UTM 7176260 N | Grid East: UTM 527130 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Massive quartz vein
Alteration: sQZ | Metallics: 3%PO, 20%PY | Secondaries: wGE, wHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
78	2.49	984	34.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
8.93	45.1	12.15	0.0008

Sampled By: EC 29-Jun-06

Same as 286446, but higher upslope.

286449 Wernecke

Grid North: UTM 7176245 N | Grid East: UTM 527096 E | Elevation | Sample Width: 2 m
Type: Chip | Strike Length Exp: | True Width: 10 m | Host : Altered fault zone
Alteration: wCB, wQZ, sSI | Metallics: 0.5%PY | Secondaries: wGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
21	0.42	191.5	40.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.38	39.9	3.53	0.0006

Sampled By: EC 29-Jun-06

Fault breccia - silica-sericite-siderite altered with minor fine-grained disseminated sulfides. moderate siderite veins and infill. Some crackle breccia.

286450 Wernecke

Grid North: UTM 7176252 N | Grid East: UTM 527090 E | Elevation | Sample Width: 2 m
Type: Chip | Strike Length Exp: | True Width: | Host : Fault
Alteration: mCB, wQZ, sSI, mMS | Metallics: 5%PY | Secondaries: wGE, wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
11	0.49	585	20.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
3.22	24.9	2.72	0.0004

Sampled By: EC 29-Jun-06

Altered silicified zone 2 m wide in outcrop. Intense silica, moderate sericite, moderate siderite, quartz-carbonate veins. Fine-grained disseminated sulfides - pyrite? Striking 035.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286451 Wernecke

Grid North: UTM 7197796 N | Grid East: UTM 546160 E | Elevation | Sample Width: 1 m | Vein 340°/70° S

Type: Chip | Strike Length Exp: | True Width: | Host : Silicified siltstone

Alteration: sSI | Metallics: | Secondaries: trMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	20.1	10.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.18	24.1	0.65	0.0006

Sampled By: EC 24-Jun-06

Veining - stockwork. Quartz-siderite - some vugs? After sulfides. minor chlorite-specularite, trace malachite in northeast corner of outcrop at 7197817N, 546142E. Big silicified outcrop.

286452 Wernecke

Grid North: UTM 7191260 N | Grid East: UTM 572347 E | Elevation | Sample Width: | Vein

Type: Float | Strike Length Exp: | True Width: | Host : Quartz/ silica-sericite filled fault breccia.

Alteration: sSI, w-mMS | Metallics: 0.3%CP, 1%PY | Secondaries: wGE, wHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.11	441	12.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.34	7.4	2.67	0.0002

Sampled By: EC 27-Jun-06

Massive fault fill - quartz veining boulder float with minor fine-grained sulfide and malachite staining. Mineralization on edge of clast in thin cross cutting veins. Sample just below big gossanous sedimentary rock.

286453 Wernecke

Grid North: UTM 7191505 N | Grid East: UTM 572000 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Quartz-siderite - weathered sulfide vein

Alteration: mCB, mQZ | Metallics: 0.1%BO, 0.5%CP, 5%PY | Secondaries: wGE, sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
10	73.7	20.9 %	9.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
349	25.4	157.5	0

Sampled By: EC 27-Jun-06

Small piece of float in creek on edge of talus deposit. Only piece found. Red-black-brown quartz-carbonate vein with abundant pyrite, lesser chalcopyrite and minor malachite-azurite. Abundant hematite (secondary).

286455 Wernecke

Grid North: UTM 7175955 N | Grid East: UTM 527340 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Silicified sedimentary rock

Alteration: SI | Metallics: 0.1%PY | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
14	1.42	203	3.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.64	3.2	9.67	0.0004

Sampled By: EC 29-Jun-06

Jarosite - stained massive silicified rock - sedimentary rock, now cherty. Very fine-grained sulfides. Float on scree slope.

286456 Wernecke

Grid North: UTM 7213452 N | Grid East: UTM 528736 E | Elevation | Sample Width: 10 cm | Bedding 125°/35° W

Type: Chip | Strike Length Exp: | True Width: 10 cm | Host : Laminated metasomatized siltstone

Alteration: sKF, mSI | Metallics: 0.3f%CP, 10%MG | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
49	1.81	5710	11.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
19.7	29.4	1.08	0.0013

Sampled By: EC 30-Jun-06

Banded/ laminated potassium feldspar-silica-magnetite altered/metasomatized recrystallized siltstone with very fine-grained disseminated chalcopyrite weathering to malachite. Outcrop in north flowing gully.

286457 Wernecke

Grid North: UTM 7199611 N | Grid East: UTM 572548 E | Elevation | Sample Width: 1 m | Fault 070°/90°

Type: Chip | Strike Length Exp: 5 m | True Width: 25 cm | Host : Fault zone

Alteration: mCB, wSI, mGR | Metallics: 1%CP, 3%PY | Secondaries: wGE, mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
5	0.29	479	34
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.91	40.3	1.83	0.0002

Sampled By: EC 13-Jul-06

Ferruginous, strongly weathered, graphitic-quartz filled fault gouge, pinching and swelling. moderate quartz-carbonate altered and disseminated pyrite-chalcopyrite selvage. East block down.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286458 Wernecke

Grid North: UTM 7199380 N | Grid East: UTM 572733 E | Elevation | Sample Width: 2 cm | Fault 060°/70° W

Type: Float | Strike Length Exp: | True Width: 3 cm | Host : Fault zone

Alteration: sSI | Metallics: | Secondaries: wGE, wHE, trJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.29	117.5	5.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.75	25.8	3.01	0.0001

Sampled By: EC 13-Jul-06

Massive silicified fault zone. Outcrop to subcrop hard to tell the true width. Crops out north from east-west flowing creek, upslope to north for ~200 m.

286459 Wernecke

Grid North: UTM 7199335 N | Grid East: UTM 572984 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host :

Alteration: mQZ, sSI | Metallics: 0.1%CP, 2%PY | Secondaries: mGE, mHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
10	0.51	38	12.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
5.18	9.1	1.17	0.0008

Sampled By: EC 13-Jul-06

Ferruginous, massive, weathered, silicified black sedimentary rocks with minor fine cross-cutting quartz-pyrite+/-chalcopyrite veinlets. Float on north side of main creek.

286460 Wernecke

Grid North: UTM 7199345 N | Grid East: UTM 573391 E | Elevation | Sample Width: 50 cm | Vein 170°/70° E

Type: Chip | Strike Length Exp: 3 m | True Width: | Host : Silicified sedimentary rock at breccia contact

Alteration: wQZ, sSI | Metallics: | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	14.6	10.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.16	6.3	0.41	0.0003

Sampled By: EC 13-Jul-06

Grey-light pink, intensely silicified sedimentary rock right at contact with breccia. Fine cross cutting black-green veinlets/stringers. Scintillometer readings of 500-2600 CPS, average of 1500 CPS. Light green unidentified mineral with black phase in veinlets minor hematite. minor open space dogtooth quartz infill.

286461 Wernecke

Grid North: UTM 7199350 N | Grid East: UTM 573394 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Light green silicified shale/slate

Alteration: sSI | Metallics: 1%CP, 7%HS, 5%PY | Secondaries: wHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	0.15	3140	7.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.67	18.6	1.53	0.0004

Sampled By: EC 13-Jul-06

Coarse-grained pyrite-chalcopyrite in light green colored, silicified slate/shale with abundant malachite staining. Float is approximately 5 m west of outcrop.

286462 Wernecke

Grid North: UTM 7219011 N | Grid East: UTM 546741 E | Elevation | Sample Width:

Type: Grab | Strike Length Exp: | True Width: | Host :

Alteration: wCA, sCB, QZ, sSI | Metallics: 0.1%BO, 0.3%CP, 3%HS, | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.23	3990	3.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.12	4	1.95	0.0001

Sampled By: EC 14-Jul-06

Silica altered carbonate-bearing rock in wide shear zone. Trace to minor specularite - malachite and trace bornite in milky white quartz+/-siderite veins. Trace chalcopyrite. Grab from outcrop on saddle in ridge. minor brecciation. Chalcopyrite intergrown with specular hematite. Minor bladed open space infill calcite.

286463 Wernecke

Grid North: UTM 7198237 N | Grid East: UTM 547828 E | Elevation | Sample Width:

Type: Grab | Strike Length Exp: | True Width: | Host : Massive ironstone

Alteration: wQZ, mSI | Metallics: 30%HS, 50%MG | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
8	0.08	22.3	298
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.48	50.8	2.07	0.0027

Sampled By: EC 15-Jul-06

Strongly weathered with abundant vugs. massive brecciated and open space infilled, magnetite and lesser specularite with secondary (weathering) blood hematite ironstone, minor quartz infill. Ironstone. Grab from soil on saddle top near previous. mapped as breccia.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286464 Wernecke

Grid North:		Grid East:		Type: Grab	Alteration: sCL, sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7198235	N	UTM 547824	E	Strike Length Exp:	Metallics: 10%HS, 10%MG, 10%PY	22	0.04	20.9	54.1
Elevation		Sample Width:		True Width:	Secondaries:	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
				Host : Phyllite		0.55	80.3	1.21	0.0010

Sampled By: EC 15-Jul-06

Chlorite-siliceous phyllite with coarse-grained pyrite - specular hematite, magnetite mineralization. 400 CPS. About 3 m from previous sample (286463) on saddle. Sample #65 PPO.

286465 Wernecke

Grid North:		Grid East:		Type: Float	Alteration: mKF, sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7198266	N	UTM 547800	E	Strike Length Exp:	Metallics: 5%HS, 0.1%BZ	<5	<0.01	23.8	18.8
Elevation		Sample Width: 1	m	True Width:	Secondaries: wHE	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
Fault				Host : Siliceous/chert altered rock/breccia		0.07	9.8	0.6	0.0012

Sampled By: EC 14-Jul-06

Massive siliceous potassium feldspar altered rock with minor carbonate clasts - breccia?. Minor cross cutting specular hematite-chlorite veins. Disseminated fine-grained brannerite(?) with hematite altered haloes throughout outcrop.

286466 Wernecke

Grid North:		Grid East:		Type: Float	Alteration: mBI, sCL, wQZ, sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7198365	N	UTM 547717	E	Strike Length Exp:	Metallics: 0.1%CP, 0.1%PY	10	0.21	3220	58.2
Elevation		Sample Width:		True Width:	Secondaries: mHE, trMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
				Host :		0.72	62.2	1.45	0.0017

Sampled By: EC 15-Jul-06

Trace malachite and chalcopyrite. Chloritic-biotitic phyllite somewhat sheared with fine quartz +/- sulfide veinlets. Float in gully.

286467 Wernecke

Grid North:		Grid East:		Type: Float	Alteration: sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7198374	N	UTM 547604	E	Strike Length Exp:	Metallics: 5%HS	5	0.03	40.2	33.1
Elevation		Sample Width:		True Width:	Secondaries: mHE	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
				Host : Altered, laminated sedimentary rock		0.45	5.5	4.07	0.1416

Sampled By: EC 15-Jul-06

Silicified/cherty, red hematite stained laminated phyllite. Minor specular hematite veinlets. Secondary weathered hematite. About 10 m wide scree chute with more brannerite(?)-bearing potassium feldspar altered material.

286468 Wernecke

Grid North:		Grid East:		Type: Float	Alteration: mQZ, sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7194864	N	UTM 551582	E	Strike Length Exp:	Metallics: 3%CP, 5%HS	<5	0.02	113	2.8
Elevation		Sample Width:		True Width:	Secondaries:	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
				Host : Silicified siltstone		0.08	<0.2	0.21	0.0004

Sampled By: EC 16-Jul-06

Black silicified siltstone with fine quartz veining. Quartz vein has 3 % chalcopyrite and 5 % specular hematite. Rock is broken on vein surface. Float coming from bowl above, samples on top of southwest corner of rock glacier.

286469 Wernecke

Grid North:		Grid East:		Type: Float	Alteration: wCB, CL, mQZ, mSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7194870	N	UTM 551678	E	Strike Length Exp:	Metallics: 1%CP, 5%HS, 30%MG	74	2.03	1.91 %	63.1
Elevation		Sample Width:		True Width:	Secondaries: wAZ, wHE, mMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
				Host : Ironstone		2.22	104	3.06	0.0004

Sampled By: EC 16-Jul-06

Massive magnetite-quartz-chlorite ironstone with fine-grained disseminated chalcopyrite, abundant malachite-hematite staining, trace to minor azurite.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286470 Wernecke

Grid North:	Grid East:	Type: Float	Alteration: mBI, sCL, mKF, sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7194880 N	UTM 551677 E	Strike Length Exp:	Metallics: 0.5%CP	8	0.09	1630	33.7
Elevation	Sample Width:	True Width:	Secondaries: trMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
		Host : Hornfels		0.15	52.1	0.99	0.0004

Sampled By: EC 16-Jul-06

Malachite stained, massive silica-biotite-chlorite-potassium feldspar altered banded metamorphic rock - hornfels(?) with trace to minor disseminated chalcopyrite. minor malachite staining. Heaps of malachite stained float at this spot.

286471 Wernecke

Grid North:	Grid East:	Type: Float	Alteration: mKF, sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7194734 N	UTM 551857 E	Strike Length Exp:	Metallics: 0.5%BO, 2%CP, 20%HS	40	0.22	7310	19.7
Elevation	Sample Width:	True Width:	Secondaries: wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
		Host : Wernecke Breccia		0.72	32.2	1.66	0.0015

Sampled By: EC 16-Jul-06

Matrix supported Wernecke Breccia. Fine-grained matrix of quartz-(carbonate)-specular hematite. Disseminated fine-medium-grained chalcopyrite < 2 % disseminated medium-grained specular hematite, malachite stained and trace bornite on chalcopyrite. Clasts are potassium feldspar altered.

286472 Wernecke

Grid North:	Grid East:	Type: Chip	Alteration: sKF, sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7194681 N	UTM 551897 E	Strike Length Exp: 4 m	Metallics: 2%CP, 20%HS	16	0.25	7970	22
Elevation	Sample Width: 1 m	True Width:	Secondaries: wAZ, wGE, mHE, wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
Vein		Host : Wernecke Breccia		1.42	45.4	1.47	0.0018

Sampled By: EC 16-Jul-06

Malachite-azurite stained massive Wernecke Breccia - potassium feldspar-silica-specular hematite altered. Chalcopyrite is both disseminated and in fractures and veinlets. Secondary copper staining bleeding out of fractures and veins on cliff outcrop over approximately 4 m. Veins of various orientations. A new showing? Quartz-siderite vein

286473 Wernecke

Grid North:	Grid East:	Type: Chip	Alteration: sQZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7195710 N	UTM 551515 E	Strike Length Exp: 2 m	Metallics: 3%CP, 30%HS	7	0.43	6510	37.9
Elevation	Sample Width: 3 cm	True Width: 2 cm	Secondaries: wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
Vein 310°/80° N		Host : Quartz-specularite vein within massive silicified fault zone		1.05	86.7	2.44	0.0003

Sampled By: EC 17-Jul-06

Quartz-specular hematite vein with chalcopyrite and malachite staining cross-cutting massive silica-specular hematite-secondary hematite stained outcrop. Fault several meters wide. malachite staining on south fault oriented 030/85N. To the south of the fault is a wide sheared and brecciated zone. On a very steep slope.

286474 Wernecke

Grid North:	Grid East:	Type: Chip	Alteration: mBI, sCL, sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7195687 N	UTM 551583 E	Strike Length Exp: 5 m	Metallics:	16	0.1	89.3	13.9
Elevation	Sample Width: 10 cm	True Width:	Secondaries:	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
Joint 055°/80° S		Host : Silicified siltstone/mudstone		0.36	42.6	1.67	0.0325

Sampled By: EC 17-Jul-06

Black to green silicified siltstone host rock. Joint/fracture surface with chlorite-biotite coating. Scintillometer readings of 100-2200 CPS in outcrop. Some minor thin cross-cutting veinlets in outcrop. Sample is from right on breccia contact. Chlorite coated fracture surfaces.

286475 Wernecke

Grid North:	Grid East:	Type: Grab	Alteration: iSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7195770 N	UTM 551730 E	Strike Length Exp:	Metallics: 15%PY	72	0.38	56.3	374
Elevation	Sample Width: 15 cm	True Width:	Secondaries: mHE, mJA	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
		Host : Massive silicified (cherty) siltstone		19.55	59.2	3.17	0.0010

Sampled By: EC 17-Jul-06

Green-grey totally silicified banded sedimentary rock with abundant fine-grained pyrite. Strong hematite and jarosite staining. Outcrop color anomaly continues up creek for tens of meters. Diagram on back of previous sample card of sample location and environs.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286476 Wernecke

Grid North:	Grid East:	Type: Float	Alteration: sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7195740 N	UTM 551661 E	Strike Length Exp:	Metallics:	<5	0.11	12.1 %	73.8
Elevation	Sample Width:	True Width:	Secondaries: mAZ, mMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
		Host : Altered sandstone		1.27	102	2.99	0.0022

Sampled By: EC 17-Jul-06

Bleached white-beige silicified sedimentary rock with abundant fine cross-cutting fractures. Abundant malachite-azurite staining on all surfaces and also as disseminated round blebs to 3 mm across. Float in creek.

286477 Wernecke

Grid North:	Grid East:	Type: Float	Alteration: mCA, mKF, mSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7197846 N	UTM 539302 E	Strike Length Exp:	Metallics: 3%CP, 10%HS	35	0.8	1.85 %	603
Elevation	Sample Width:	True Width:	Secondaries: wAZ, HE, wMC, wMN, w	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
		Host : Phyllite?		4.99	30.2	2.49	0.0007

Sampled By: EC 18-Jul-06

Sheared, altered phyllite float some brecciation. Sheared with carbonate -potassium feldspar-chlorite alteration; massive < 1.5 cm cubes of chalcopyrite with malachite-azurite-turquoise rims. Abundant malachite on fractures. Calcite-specular hematite veins and fractures. Close to breccia contact.

286478 Wernecke

Grid North:	Grid East:	Type: Float	Alteration:	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7194722 N	UTM 537770 E	Strike Length Exp:	Metallics:	17	0.24	146	7.4
Elevation	Sample Width:	True Width:	Secondaries:	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
		Host : Wernecke Breccia		0.37	8.7	1.5	0.0325

Sampled By: EC 18-Jul-06

Cream to light pink fine-grained aplitic looking boulder 50 x 30 x 30 with a scintillometer reading of 2500 CPS. Fine-grained plutonic rock in boulder field. Fine-grained brannerite(?) with hematite haloes. Minor iron weathered mica-siderite clots. Breccia float at bottom of scree chute.

286479 Wernecke

Grid North:	Grid East:	Type: Chip	Alteration: mCB, sAB	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7194824 N	UTM 537667 E	Strike Length Exp: 5 m	Metallics: 0.3%CP, 5%PY, 5%HE	22	0.15	398	786
Elevation	Sample Width: 50 cm	True Width:	Secondaries: wHE	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
		Host : Albite? (dyke?)		0.6	41.1	0.62	0.0083

Sampled By: EC 19-Jul-06

Pitted brecciated zone within larger aplitic body. Fine-grained albite with disseminated fine-medium-grained pyrite. minor chalcopyrite. Iron carbonate matrix. High scintillometer reading on joint surface. Coarse gained euhedral hematite crystals to 1 cm across.

286480 Wernecke

Grid North:	Grid East:	Type: Chip	Alteration: mCB, sSI, sAB	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7194833 N	UTM 537670 E	Strike Length Exp: 3 m	Metallics: 0.5%CP, 1%PY, 4%BZ	19	0.07	803	71
Elevation	Sample Width: 50 cm	True Width: 50 cm	Secondaries:	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
Joint 285°/35° N		Host : Brecciated? aplite?		0.14	23.6	0.79	0.0112

Sampled By: EC 19-Jul-06

Scintillometer readings of 1000-1500 CPS. As previous sample, but slightly less brecciated. Also is a distinct well exposed (high scintillometer reading) zone. Coarse-grained black mineral with hematite halo (brannerite?). minor chalcopyrite and pyrite both disseminated.

286481 Wernecke

Grid North:	Grid East:	Type: Float	Alteration: mCA, mCB, sQZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7194778 N	UTM 538034 E	Strike Length Exp:	Metallics: 1%CP, 3%PY	40	0.18	2760	222
Elevation	Sample Width:	True Width:	Secondaries: wHE, wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
		Host : Silicified siltstone		0.26	22	1.21	0.0019

Sampled By: EC 19-Jul-06

Massive quartz-calcite-iron carbonate vein with disseminated pyrite and chalcopyrite with minor malachite staining on weathered surface and veinlets. Float in boulder /scree of Wernecke Breccia.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286482 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: wKF, sSI, mAB	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7194871 N	UTM 538151 E	Strike Length Exp:	Metallics: 5%HS, 1%BZ	<5	0.04	9.9	14.1
	Elevation	Sample Width:	True Width:	Secondaries:	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Wernecke breccia float		0.07	23.8	0.5	0.0038
Sampled By: EC 19-Jul-06	Big boulder with 500-600 CPS response on one face. Fine-grained sugary silica-albite with race specular hematite and minor potassium feldspar. Trace red hematite haloes around very fine-grained black mineral - brannerite?. Sample close to radiometerics anomaly.							
286483 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: mCA, sKF	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7194883 N	UTM 538163 E	Strike Length Exp:	Metallics: 2%CP, 20%HS, 1%PY	158	0.79	2.13 %	46.8
	Elevation	Sample Width:	True Width:	Secondaries: wAZ, wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Wernecke Breccia (Potassium feldspar-specular hematite br		2.87	86.8	0.99	0.0057
Sampled By: EC 19-Jul-06	Breccia boulder - Big! potassium feldspar - specular hematite breccia with iron carbonate infill. Abundant disseminated chalcopyrite with malachite staining on one face. Slickensides indicate shearing. Scintillometer readings of 350-500 CPS.							
286484 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: sSI, wCA, mMS, wKF	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7205673 N	UTM 572317 E	Strike Length Exp:	Metallics: 1-2%CP, 1%PY, 0.5%BO	<5	0.83	875	16.9
	Elevation	Sample Width:	True Width:	Secondaries: wMC, wAK	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Quartzite/silicified fault material		0.1	18.6	0.51	0.0002
Sampled By: EC 19-Jul-06	Intensely silicified rock close to fault. Quartzite with fine cross-cutting calcite-pyrite-chalcopyrite veinlets and minor malachite staining. Also minor potassium feldspar - ?sericite on fracture plane. Some open space ankerite infill.							
286485 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: mCL, sQZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7202344 N	UTM 530431 E	Strike Length Exp: 30c m	Metallics: 0.3%CP	<5	0.23	71.6	8
	Elevation	Sample Width: 5 cm	True Width: 5 cm	Secondaries: wHE, trMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Chloritic phyllite		0.69	13.1	0.99	0.0001
Sampled By: EC 20-Jul-06	Quartz-chlorite with trace chalcopyrite and malachite staining.							
286486 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: mCA, sQZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7202297 N	UTM 530320 E	Strike Length Exp:	Metallics:	12	3.31	2650	985
	Elevation	Sample Width:	True Width:	Secondaries: mHE	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Calcite-quartz-hematite vein		4.05	115	27.1	0.0382
Sampled By: EC 20-Jul-06	Calcite-quartz-hematite vein in float 5 m from ridge top. Schistose host rocks with trace malachite are strongly sheared. Zone of brecciation parallel to schistosity. Scintillometer reading of 460 CPS in hand sample.							
286487 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: mCL, mKF, mSI, mSE	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7202285 N	UTM 530254 E	Strike Length Exp:	Metallics:	<5	0.05	4.9	4.5
	Elevation	Sample Width: 1 m	True Width: 1 m	Secondaries: mHE, mMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host :		0.16	108	4.55	0.1416
Sampled By: EC 20-Jul-06	Scintillometer readings of 500-600 CPS. Mixed chlorite-serpentine schist with zones of boudined silica-hematite-potassium feldspar with abundant malachite staining. Higher scintillometer in sheared bits.							

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286489 Wernecke

Grid North: UTM 7202710 N | Grid East: UTM 572660 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Silicified sandstone

Alteration: sSI | Metallics: 0.1%CP, 3%HS | Secondaries: wGE, mHE, trMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	0.13	203	17.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.86	14.6	0.7	0.0002

Sampled By: EC 21-Jul-06

Silicified and fractured sandstone with trace chalcopyrite-malachite associated with fine-grained ?specular hematite?.

286490 Wernecke

Grid North: UTM 7202718 N | Grid East: UTM 572868 E | Elevation | Sample Width: 4 cm

Type: Float | Strike Length Exp: | True Width: 4 cm | Host : Quartz vein

Alteration: wCB, QZ | Metallics: 0.1%CP, 0.5%PY | Secondaries: HE, trMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
8	0.44	315	19.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.55	21.1	0.98	0.0001

Sampled By: EC 21-Jul-06

Glassy quartz-siderite vein with trace pyrite-chalcopyrite-malachite float, northern margin of creek.

286491 Wernecke

Grid North: UTM 7202196 N | Grid East: UTM 529814 E | Elevation | Sample Width: 40 cm

Type: Chip | Strike Length Exp: | True Width: 40 cm | Host : Silicified dolostone

Alteration: wCA, wCB, wKF | Metallics: 5%HS | Secondaries: wAZ, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	20.8	5030	145.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
358	30.3	6.11	0.0022

Sampled By: EC 22-Jul-06

Silicified dolostone at contact with red-maroon sheared phyllite? minor malachite -azurite stained fractures and bedding planes. Sample just north of ridge top.

286492 Wernecke

Grid North: UTM 7202252 N | Grid East: UTM 530225 E | Elevation | Sample Width: 50 cm

Type: Chip | Strike Length Exp: | True Width: 50 cm | Host : Grey phyllite

Alteration: sMS, sSI | Metallics: | Secondaries: wHE, wMC, wMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	0.51	868	38.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.17	63.2	3.24	0.0008

Sampled By: EC 22-Jul-06

Malachite stained joint adjacent to phyllite-Wernecke Breccia contact. Over 50 cm of malachite staining.

286493 Wernecke

Grid North: UTM 7202267 N | Grid East: UTM 530245 E | Elevation | Sample Width: 40 cm

Type: Chip | Strike Length Exp: | True Width: 30 cm | Host : Wernecke Breccia

Alteration: mCA, sKF, wQZ | Metallics: 10%HS | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
18	1.89	5260	50.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
4.39	88.9	2.04	0.0012

Sampled By: EC 22-Jul-06

Pink, potassium feldspar-specular hematite altered Wernecke Breccia with calcite veining. Potassium feldspar altered small angular clasts and pervasive malachite staining throughout rock. Pitted weathered surface.

286494 Wernecke

Grid North: UTM 7202368 N | Grid East: UTM 530310 E | Elevation | Sample Width: 290°/60° N

Type: Float | Strike Length Exp: | True Width: | Host : Foliated breccia

Alteration: mCA, sKF, mSI | Metallics: 20%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
34	1.17	255	47.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.82	30	3.35	0.0115

Sampled By: EC 22-Jul-06

Grey-pink banded phyllite/breccia with abundant specular hematite, potassium feldspar and calcite. Scintillometer readings of 600-800 CPS. Boulder in scree.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286495 Wernecke

Grid North: UTM 7202363 N | Grid East: UTM 530253 E | Type: Chip | Alteration: sKF
Elevation | Sample Width: 30 cm | Strike Length Exp: | True Width: 80 cm | Metallics: 20%HS, 2%PY | Secondaries: mHE, wMC
???°/55° N | Host :

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
8	0.11	1690	65.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.14	13.6	3.17	0.0069

Sampled By: EC 22-Jul-06

Red-pink breccia, foliated with abundant potassium feldspar, specular hematite, minor malachite on fracture. minor pyrite veinlets cross-cutting rock. Scintillometer readings of 600-800 CPS in the outcrop.

286496 Wernecke

Grid North: UTM 7206025 N | Grid East: UTM 527935 E | Type: Channel | Alteration: mKF
Elevation | Sample Width: 50 cm | Strike Length Exp: | True Width: 2 m | Metallics: 50%HS | Secondaries:
Bedding 195°/45° W | Host : Massive banded potassium feldspar-specular hematite brecc

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
19	0.6	208	14.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.42	13.6	6.85	0.0012

Sampled By: EC 01-Aug-06

Massive, banded specular hematite - potassium feldspar ironstone with scintillometer readings of 600-800 CPS over 50 m.

286497 Wernecke

Grid North: UTM 7206035 N | Grid East: UTM 527940 E | Type: Float | Alteration: sKF
Elevation | Sample Width: | Strike Length Exp: | True Width: | Metallics: 2%CP, 30%HS | Secondaries: mHE, wMC
Host : Potassium feldspar-specular hematite breccia

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
332	7.25	5280	109
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
31.8	81	37.3	0.0909

Sampled By: EC 22-Jul-06

Float boulder 1.5 kg and 20 cm in diameter of potassium feldspar-specular hematite brecciated siltstone with disseminated chalcopyrite and malachite staining.

286498 Wernecke

Grid North: UTM 7205995 N | Grid East: UTM 527945 E | Type: Float | Alteration: wCA, wCB
Elevation | Sample Width: | Strike Length Exp: | True Width: | Metallics: 0.5%CB, 10%HS | Secondaries: wMC
Host :

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
45	0.25	2810	21.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.86	24.4	4.11	0.0017

Sampled By: EC 01-Aug-06

Black metasedimentary rock with fine specular hematite-calcite-siderite fractures with malachite staining and minor chalcopyrite. Float - rock under moss above boulder. Close to source?

286499 Wernecke

Grid North: UTM 7206010 N | Grid East: UTM 527940 E | Type: Float | Alteration:
Elevation | Sample Width: | Strike Length Exp: | True Width: | Metallics: 80%HS | Secondaries: mGE
Host : Ironstone

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
13	0.31	242	11.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.59	11.8	5.05	0.0008

Sampled By: EC 01-Aug-06

Massive specular hematite ironstone - strongly weathered with abundant moss and organics mostly specular hematite. Scintillometer reading of 1100 CPS. Float - close to source.

286500 Wernecke

Grid North: UTM 7206033 N | Grid East: UTM 527951 E | Type: Float | Alteration: mKF
Elevation | Sample Width: | Strike Length Exp: | True Width: | Metallics: 5%BO, 1%CP, 70%HS | Secondaries: wGE, mHE
Host : Massive ironstone

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
170	2.31	1.82 %	7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
142.5	13	7.26	0.0004

Sampled By: EC 01-Aug-06

Massive hematite ironstone with disseminated weathered ?carbonate? and sulfides - mow? Hematite and goethite. Slickensides on surfaces and bornite mineralization. Minor disseminated chalcopyrite. Radioactive boulders nearby with scintillometer readings to 600 CPS.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286501 Wernecke

Grid North: UTM 7203039 N | Grid East: UTM 532970 E | Elevation 1458 m | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Host : Dark grey phyllite/mudstone
Alteration: mCL | Metallics: <1%PY | Secondaries: wGE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.08	24.3	32.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.44	35.9	1	0.0002

Sampled By: SRH 01-Jul-06

Quartz vein (2 cm) with chlorite selvages (1 mm) and trace pyrite. Open space textures with quartz crystals up to 2 cm long. Brecciated margins. Minor quartz veining on surrounding float.

286502 Wernecke

Grid North: UTM 7203990 N | Grid East: UTM 532879 E | Elevation 1209 m | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Host : Folding dark grey phyllite
Alteration: sCA, sCB, wCL | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	5.1	4.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
<0.01	0.9	0.41	0.0002

Sampled By: SRH 01-Jul-06

Sample of iron carbonate, calcite, quartz, and chlorite vein in an 35 x 70 cm boulder of deformed phyllite. No sulfides or scintillometer response - biggest vein of the day.

286504 Wernecke

Grid North: UTM 7197199 N | Grid East: UTM 547508 E | Elevation 2027 m | Sample Width:
Type: Float | Strike Length Exp: | True Width:
Host : Silicified and laminated siltstone
Alteration: mSI | Metallics: 1%HS | Secondaries: wGE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
36	0.52	801	37.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.13	50.2	1.56	0.0002

Sampled By: DC 15-Jul-06

Sample of a gossanous 1 cm wide quartz-chlorite vein. Vein cuts bedding and approximately parallel to fault 35m to south. Chlorite occurs as thin, coarse-grained selvages and specular hematite as a late fracture fill within and around quartz (coarse-grained).

286505 Wernecke

Grid North: UTM 7197338 N | Grid East: UTM 547472 E | Elevation 2042 m | Sample Width: 3 cm
Vein 275°/45° N
Type: Grab | Strike Length Exp: | True Width: 3 cm
Host : Medium green grey phyllite (laminated siltstone)
Alteration: wCL | Metallics: 4%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	1.65	509	11
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.04	39.4	8.64	0.0002

Sampled By: DC 15-Jul-06

Quartz-specular hematite-chlorite vein 3 cm wide parallel to bedding within phyllite. Abundant veining - increases with deformation.

286506 Wernecke

Grid North: UTM 7197563 N | Grid East: UTM 547138 E | Elevation 1923 m | Sample Width: 10 cm
Vein 150°/80° W
Type: Grab | Strike Length Exp: | True Width: 10 cm
Host : Phyllite - crenulated
Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
8	0.23	275	47.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.42	49.5	0.92	0.0021

Sampled By: DC 15-Jul-06

Quartz-actinolite-specular hematite-chlorite vein. Actinolite occurs as clots. Quartz and actinolite are both coarse-grained. Specular hematite content varies. Outcrop is gossanous with iron staining on foliation/bedding surfaces. Vein is 10 cm wide and parallel to cliff face. Local open space quartz crystals.

286601 Wernecke

Grid North: UTM 7212577 N | Grid East: UTM 526970 E | Elevation | Sample Width: 15 cm
Bedding 220°/45° NW
Type: Select | Strike Length Exp: | True Width: 15 cm
Host : Thin to medium bedded siltstone
Alteration: mCL, wKF, sSI | Metallics: trAZ, 1-2%CP, trPY | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.08	45	18
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.55	15.8	0.34	0.0002

Sampled By: RB 24-Aug-06

Very fine-grained disseminated pyrite in altered sedimentary rocks. Continues up creek for at least 30 m maybe more.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286602 Wernecke

Grid North: UTM 7204152 N | Grid East: UTM 558907 E | Elevation | Sample Width: 10 cm | Joint 090°/35° S

Type: Grab | Strike Length Exp: | True Width: 10 cm | Host : Limy argillite

Alteration: mCA, mSI, mHE | Metallics: trHS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
45	4.22	6.1	7.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.68	18.4	1.58	0.0578

Sampled By: RB 25-Aug-06

Very fractured outcrop of limy argillite, highest scintillometer readings occur along micro-fractures associated with hematite stained carbonate. Fractures oriented east-west.

286603 Wernecke

Grid North: UTM 7203822 N | Grid East: UTM 559000 E | Elevation 715 m | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host :

Alteration: mCA, mCL, mSI, mHE | Metallics: | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	2.64	26.7	5.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.4	21.1	10.4	0.1652

Sampled By: RB 25-Aug-06

Float in talus, pervasive and dominant iron carbonate alteration. Three to five percent of talus is altered highly radioactive cobbles.

286604 Wernecke

Grid North: UTM 7203940 N | Grid East: UTM 558631 E | Elevation 751 m | Sample Width: | Cleavage 133°/55° SW

Type: Grab | Strike Length Exp: | True Width: | Host : Metasedimentary rock

Alteration: mCL, sSI, wHE | Metallics: trHS, trPY | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
26	0.8	174.5	11
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
4.69	33.8	1.64	0.0448

Sampled By: RB 25-Aug-06

Iron stained vein/altered pod in massive metasomatized sedimentary rock. Semi-sketchy measurement.

286605 Wernecke

Grid North: UTM N | Grid East: UTM E | Elevation | Sample Width: 10 cm

Type: Select | Strike Length Exp: | True Width: | Host : Fine-grained sandstone

Alteration: wCA, wCL, mSI | Metallics: 1-2%CP | Secondaries: wAZ, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
244	0.49	6310	47.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.57	61.1	1.01	0.0002

Sampled By: RB 27-Aug-06

Fault zone - spotty/poddy chalcopyrite in metasedimentary rocks on the margin of a fault zone. Sample taken from an enormous boulder but is very close to source.

286606 Wernecke

Grid North: UTM 7170674 N | Grid East: UTM 541246 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Wernecke Breccia

Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
3190	19.4	19	10.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
274	20	9.97	0.2832

Sampled By: RB 28-Aug-06

Found by D. Reid. Graphitic breccia.

286607 Wernecke

Grid North: UTM 7170624 N | Grid East: UTM 541211 E | Elevation | Sample Width: 60 cm | Joint 090°/72° S

Type: Chip | Strike Length Exp: | True Width: 50 cm | Host : Wernecke Breccia

Alteration: wCB | Metallics: 10%HS | Secondaries: wGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
1170	0.19	24.1	6.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.84	32.1	1.37	0.0023

Sampled By: RB 28-Aug-06

Matrix supported Wernecke Breccia, zone of east-striking jointing gives an elevated scintillometer response up to ~600 CPS in outcrop.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286608 Wernecke

Grid North: UTM 7170510 N | Grid East: UTM 540771 E | Elevation | Sample Width: 1 m | Joint 311°/90°

Type: Chip | Strike Length Exp: | True Width: 1 m | Host : Wernecke Breccia

Alteration: wCB, sSI | Metallics: trHS | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
14	0.1	130	81.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
5.34	101	0.93	0.0027

Sampled By: RB 29-Aug-06

Altered Wernecke Breccia with anomalous scintillometer response up to 750 CPS in outcrop.

286609 Wernecke

Grid North: UTM 7170484 N | Grid East: UTM 540981 E | Elevation | Sample Width: 1.5 m

Type: Chip | Strike Length Exp: | True Width: 1.5 m | Host : Wernecke Breccia

Alteration: mCL | Metallics: trCP, 3-5%HS | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	0.03	8.3	6.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.32	29.3	1.66	0.0016

Sampled By: RB 29-Aug-06

Heterolithic Wernecke Breccia, area of elevated scintillometer responses. No distinguishing characteristics.

286610 Wernecke

Grid North: UTM 7170750 N | Grid East: UTM 540858 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Wernecke Breccia

Alteration: sCL, sSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
16	0.14	6	9.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.02	29.4	3.34	0.0327

Sampled By: RB 29-Aug-06

One of two sample found by D. Reid in float

286611 Wernecke

Grid North: UTM 7170748 N | Grid East: UTM 540856 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Wernecke Breccia

Alteration: sCL, sSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
17	0.12	27	8.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.15	27.9	2.48	0.0409

Sampled By: RB 29-Aug-06

One of two samples found by D. Reid in float.

286612 Wernecke

Grid North: UTM 7209416 N | Grid East: UTM 529926 E | Elevation | Sample Width: 1.5 m

Type: Chip | Strike Length Exp: | True Width: | Host : Altered and faulted siltstone

Alteration: | Metallics: | Secondaries: wJA, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
27	0.42	1140	17.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.22	39.8	0.92	0.0004

Sampled By: RB 30-Aug-06

286613 Wernecke

Grid North: UTM 7209417 N | Grid East: UTM 529897 E | Elevation | Sample Width:

Type: Grab | Strike Length Exp: | True Width: | Host : Siltstone

Alteration: wCL, mSI, mHE | Metallics: 5%PY | Secondaries: sGE, sHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
12	0.94	744	121
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.22	91.1	5.18	0.0004

Sampled By: RB 30-Aug-06

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286614 Wernecke

Grid North: UTM 7208331 N | Grid East: UTM 545958 E | Elevation | Sample Width: 75 cm | Joint 220°/45°

Type: Chip | Strike Length Exp: | True Width: 75 cm | Host : Sodium-altered Fairchild Lake

Alteration: mHE | Metallics: 1-2%BZ | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
445	5.96	214	11.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.17	24.5	2.27	0.0237

Sampled By: RB
07-Sep-06

Intersection of 240/90 and 020/90 fractures. Two pods of 30 x 40 cm hematitic altered Fairchild Lake. Scintillometer up to 3000 CPS.

286615 Wernecke

Grid North: UTM N | Grid East: UTM E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Brannerite found in float

Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
14	0.3	2310	6.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
13.65	3.5	173	17.818

Sampled By: RB

286701 Wernecke

Grid North: UTM 7199711 N | Grid East: UTM 573130 E | Elevation | Sample Width: 50 cm

Type: Grab | Strike Length Exp: | True Width: 50 cm | Host : Banded sedimentary rock

Alteration: sCL | Metallics: | Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	0.2	3.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.04	46.3	1.1	0.0007

Sampled By: TB
12-Jul-06

Grab from outcrop trending 050.

286702 Wernecke

Grid North: UTM 7199725 N | Grid East: UTM 573090 E | Elevation | Sample Width: 25 cm

Type: Grab | Strike Length Exp: | True Width: 25 cm | Host : Sedimentary rock

Alteration: CL | Metallics: | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.04	47.6	3.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.27	24.1	1.09	0.0070

Sampled By: TB
12-Jul-06

High scintillometer reading - 1975 in outcrop.

286703 Wernecke

Grid North: UTM 7199678 N | Grid East: UTM 573177 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Black Shale

Alteration: | Metallics: 2-3%PY | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
5	0.33	34.1	52.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
4.07	149	1.96	0.0002

Sampled By: TB
13-Jul-06

Sample quartz float in chute below cliffs.

286704 Wernecke

Grid North: UTM 7200079 N | Grid East: UTM 572862 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Breccia

Alteration: sCB | Metallics: 5-7%PY | Secondaries: sHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
17	0.08	8.6	54.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.88	38.5	3.4	0.0010

Sampled By: TB
13-Jul-06

One float rock of this material found on slope below cliffs.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286705 Wernecke

Grid North: UTM 7200256 N | Grid East: UTM 572639 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock

Alteration: sCB | Metallics: 2-3%CP, 1%PY | Secondaries: wHE, wJA, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
75	0.39	4430	5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.08	9.2	0.57	0.0014

Sampled By: TB 13-Jul-06

Sample taken from three large boulders below cliffs.

286706 Wernecke

Grid North: UTM 7200198 N | Grid East: UTM 572637 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock

Alteration: sCL | Metallics: 5-7%CP, 1%PY | Secondaries: sAZ, mGE, sHE, sJA, s

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
87	1.86	2.69 %	25.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.77	75.6	1.61	0.0022

Sampled By: TB 13-Jul-06

Sample subcrop boulders below gossan on cliff face. Sedimentary rock-breccia contact.

286707 Wernecke

Grid North: UTM 7200197 N | Grid East: UTM 572614 E | Elevation | Sample Width: 1 m | Bedding 080°/65° NW

Type: Grab | Strike Length Exp: 3 m | True Width: 1 m | Host : Sedimentary rock

Alteration: sCL | Metallics: 2-3%CP, 1-2%PY | Secondaries: sHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
33	0.21	3060	8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.06	43.3	0.65	0.0003

Sampled By: TB 13-Jul-06

Sample is 50 m to the west of 286706. Sample of disseminated chalcopyrite and pyrite in breccia - sedimentary rock contact zone.

286708 Wernecke

Grid North: UTM 7200197 N | Grid East: UTM 572614 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Breccia

Alteration: sCL | Metallics: 7-10%HS, 1-2%MG | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
198	0.09	84	54.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.18	64.7	1.22	0.0050

Sampled By: TB 13-Jul-06

Beside 286707, sample of big talus boulder with a 475 scintillometer reading. Smaller sample size rock runs 350 CPS.

286709 Wernecke

Grid North: UTM 7200177 N | Grid East: UTM 572567 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock?

Alteration: sCL | Metallics: 2-3%CP, <1%PY | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
17	1	2590	56.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.22	17.1	0.7	0.0003

Sampled By: TB 13-Jul-06

Sample more talus below cliffs with chalcopyrite and some pyrite.

286710 Wernecke

Grid North: UTM 7200165 N | Grid East: UTM 572566 E | Elevation | Sample Width: 2 m

Type: Grab | Strike Length Exp: | True Width: 2 m | Host : Sedimentary rock

Alteration: sCB | Metallics: 2-3%CP, 1%PY | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
56	0.34	3460	11.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.18	28	0.67	0.0005

Sampled By: TB 13-Jul-06

Sample of disseminated chalcopyrite and pyrite across folded sedimentary rock outcrop. Mineralization goes for at least 10 m here.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286711 Wernecke

Grid North: UTM 7199576 N
Grid East: UTM 553175 E
Elevation
Sample Width: 50 cm
Type: Grab
Strike Length Exp:
True Width: 50 cm
Host : Sedimentary rock
Alteration: sCB, sCL
Metallics: 1%PY
Secondaries: mGE, sHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.17	323	12
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.27	37.6	0.63	0.0005

Sampled By: TB 16-Jul-06
Grab from small gossan in outcrop.

286712 Wernecke

Grid North: UTM 7199567 N
Grid East: UTM 553170 E
Elevation
Sample Width: 50 cm
Vein 115°/90°
Type: Grab
Strike Length Exp: 2 m
True Width: 50 cm
Host : Sedimentary rock
Alteration: sCB
Metallics: 1%CP, 1%MG, 1%PY
Secondaries: wAZ, sGE, sHE, sJA, m

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	3.51	3310	8.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.2	45.9	0.33	0.0002

Sampled By: TB 16-Jul-06
Sample across 50 cm wide quartz-carbonate vein.

286713 Wernecke

Grid North: UTM 7199408 N
Grid East: UTM 553135 E
Elevation
Sample Width:
Type: Float
Strike Length Exp:
True Width:
Host : Sedimentary rock
Alteration: sCB
Metallics: 1-2%PY
Secondaries: wGE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.15	137	14.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.21	20.3	0.61	0.0006

Sampled By: TB 16-Jul-06
Sample of float coming out of chute. Lots of this material here.

286714 Wernecke

Grid North: UTM 7199288 N
Grid East: UTM 553186 E
Elevation
Sample Width:
Type: Float
Strike Length Exp:
True Width:
Host : Sedimentary rock
Alteration:
Metallics: 7-10%PY
Secondaries: sGE, sHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
10	0.23	47.2	47.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
6.79	39.7	0.94	0.0003

Sampled By: TB 16-Jul-06
Coarse banded pyrite in calcite rich sedimentary rocks. Float in chute below cliffs.

286715 Wernecke

Grid North: UTM 7192898 N
Grid East: UTM 542635 E
Elevation
Sample Width: 50 cm
Type: Grab
Strike Length Exp:
True Width: 50 cm
Host : Breccia
Alteration:
Metallics: trCP, 7-10%HS
Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
12	0.11	294	19.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.24	22.7	1.24	0.0023

Sampled By: TB 17-Jul-06
Sample has a 500 scintillometer reading in breccia outcrop over 50 cm. Calcite stringers 1mm wide contain chalcopyrite.

286716 Wernecke

Grid North: UTM 7193021 N
Grid East: UTM 542649 E
Elevation
Sample Width: 50 cm
Type: Grab
Strike Length Exp:
True Width: 50 cm
Host : Breccia
Alteration: sCB
Metallics: <1%CP
Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
11	0.13	1030	27
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.16	21.5	1.26	0.0014

Sampled By: TB 17-Jul-06
Calcite stringers in outcrop with some chalcopyrite.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286717 Wernecke	Grid North:		Grid East:		Type: Float	Alteration:	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7193620	N	UTM 542980	E	Strike Length Exp:	Metallics: 1%CP, 7-10%HS	11	0.09	1860	25.8
	Elevation		Sample Width:		True Width:	Secondaries: mHE, mJA	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
					Host : Breccia		0.17	161	1.38	0.0003
Sampled By: TB 17-Jul-06	Sample subcrop on hillside.									
286718 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sCB, sQZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7201287	N	UTM 543709	E	Strike Length Exp:	Metallics: 2-3%PY	<5	0.29	515	41.9
	Elevation		Sample Width:		True Width:	Secondaries: mGE, mHE, mJA	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
					Host : Sedimentary rock		0.86	29	1.08	0.0005
Sampled By: TB 18-Jul-06	Sample creek float in small gully just above claim line. Quartz vein material in sedimentary rocks. Lots of this here.									
286719 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sCB	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7201579	N	UTM 544232	E	Strike Length Exp:	Metallics: 1-2%CP, 3-5%PY	31	0.34	8450	47.5
	Elevation		Sample Width:		True Width:	Secondaries: wHE, wJA	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
					Host : Sedimentary rock		5.55	5.6	0.73	0.0004
Sampled By: TB 18-Jul-06	Calcite veins in sedimentary rock float on talus slope.									
286720 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sKF	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7199284	N	UTM 537856	E	Strike Length Exp:	Metallics: 1%CP, 7-10%HS, 5-7%M	<5	0.14	1940	20.4
	Elevation		Sample Width:		True Width:	Secondaries: mHE, mJA	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
					Host : Breccia		0.44	27.3	1.12	0.0004
Sampled By: TB 19-Jul-06	Creek float.									
286721 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sCL	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7198729	N	UTM 537866	E	Strike Length Exp:	Metallics: 5-7%CP, 10%HS	491	1.31	2.25 %	119.5
	Elevation		Sample Width:		True Width:	Secondaries: sAZ, sHE, sJA, sMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
					Host : Breccia		87.2	53.7	1.36	0.0001
Sampled By: TB 19-Jul-06	Sample nice chalcopyrite in sidehill float.									
286722 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sKF	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7198538	N	UTM 537868	E	Strike Length Exp:	Metallics: 1-2%CP, 7-10%HS	<5	0.09	5300	18.9
	Elevation		Sample Width:		True Width:	Secondaries: sHE, sJA	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
					Host : Breccia		0.7	17.5	1.09	0.0004
Sampled By: TB 19-Jul-06	Sample creek float. Chalcopyrite associated with carbonate veins.									

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286723 Wernecke

Grid North: UTM 7198442 N | Grid East: UTM 537866 E | Elevation | Sample Width: 5 m | True Width: 5 m | Host : Black shale

Type: Grab | Strike Length Exp: | Alteration: sCB, sQZ | Metallics: 1-2%CP, 1-2%PY | Secondaries: sAZ, sJA, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
10	0.17	3450	20.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.34	45.2	1.42	0.0004

Sampled By: TB 19-Jul-06

Chalcopyrite in 5-10 cm wide quartz-carbonate veins causes major copper oxide zone in subcrop over 10 x 10 m area.

286724 Wernecke

Grid North: UTM 7194932 N | Grid East: UTM 538184 E | Elevation | Sample Width: | True Width: | Host : Breccia

Type: Float | Strike Length Exp: | Alteration: sCB | Metallics: 3-5%CP | Secondaries: sHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
289	1.39	2.68 %	240
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.55	39.6	0.94	0.0019

Sampled By: TB 20-Jul-06

Good chalcopyrite sampled in talus slope.

286725 Wernecke

Grid North: UTM 7194751 N | Grid East: UTM 538012 E | Elevation | Sample Width: | True Width: | Host : Breccia

Type: Float | Strike Length Exp: | Alteration: | Metallics: 70%MG, 30%PY | Secondaries: sGE, sHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
19	0.26	6560	659
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.86	47.5	1.89	0.0007

Sampled By: TB 20-Jul-06

Massive magnetite with good pyrite in football-sized talus rock, one of kind here.

286726 Wernecke

Grid North: UTM 7194196 N | Grid East: UTM 537751 E | Elevation | Sample Width: | True Width: | Host : Sedimentary rock

Type: Float | Strike Length Exp: | Alteration: sCL | Metallics: 10-15%PY | Secondaries: sGE, sHE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	1.43	240	691
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.96	197	1.37	0.001

Sampled By: TB 20-Jul-06

Sample good pyrite in talus. Lots of this material here.

286727 Wernecke

Grid North: UTM 7193970 N | Grid East: UTM 537616 E | Elevation | Sample Width: | True Width: | Host : Sedimentary rock

Type: Float | Strike Length Exp: | Alteration: sQZ | Metallics: 15-20%PY | Secondaries: sGE, sHE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
211	0.91	145	972
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
9.25	258	2.05	0.0028

Sampled By: TB 20-Jul-06

Frothy quartz talus with good pyrite.

286728 Wernecke

Grid North: UTM 7209986 N | Grid East: UTM 535722 E | Elevation | Sample Width: | True Width: | Host : Black shale

Type: Float | Strike Length Exp: | Alteration: | Metallics: 30-40%PY | Secondaries: sGE, sHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	8.73	89	1.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.58	2.7	8.2	0.0001

Sampled By: TB 05-Aug-06

Sample semi-massive pyrite bands in sugary quartz creek float.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286729 Wernecke

Grid North: UTM 7208043 N | Grid East: UTM 534827 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Quartz
Alteration: | Metallics: 1%CP, 3-5%PO | Secondaries: sGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
2870	2.91	293	68.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
195	120	1.7	0.0001

Sampled By: TB 05-Aug-06

Quartz float with strongly magnetic pyrrhotite with some chalcopyrite.

286730 Wernecke

Grid North: UTM 7203687 N | Grid East: UTM 535402 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock
Alteration: sCL | Metallics: <1%CP, 2-3%PY | Secondaries: mHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	1.37	838	80.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.81	60	3.9	0.0010

Sampled By: TB 06-Aug-06

Sample from talus coming from gossan in top basin.

286731 Wernecke

Grid North: UTM 7199440 N | Grid East: UTM 534796 E | Elevation | Sample Width: 10 m
Type: Float | Strike Length Exp: | True Width: 10 m | Host : Breccia
Alteration: mKF | Metallics: 2-3%CP, 5-10%HS | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
48	1.12	3930	22.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.88	33.8	3.06	0.0019

Sampled By: TB 07-Aug-06

Sample side creek float. Breccia material with some quartz.

286732 Wernecke

Grid North: UTM 7199305 N | Grid East: UTM 534802 E | Elevation | Sample Width:
Type: Select | Strike Length Exp: | True Width: | Host : Breccia
Alteration: sKF | Metallics: 5-7%CP, 7-10%HS | Secondaries: wAZ, sHE, sJA, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
30	1.76	2 %	39.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.6	32.4	14.45	0.0003

Sampled By: TB 07-Aug-06

Sample small (10 cm) wide quartz stringer with good chalcopyrite at breccia-sedimentary rock contact.

286733 Wernecke

Grid North: UTM 7198377 N | Grid East: UTM 534903 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Breccia
Alteration: sCB | Metallics: 10-15%CP | Secondaries: sHE, wJA, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
192	29.9	18.2 %	2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
19.45	5.4	1.9	0.0037

Sampled By: TB 07-Aug-06

Sample good chalcopyrite in calcite rich breccia talus below cliffs.

286734 Wernecke

Grid North: UTM 7198369 N | Grid East: UTM 534904 E | Elevation | Sample Width: 2 m
Type: Select | Strike Length Exp: | True Width: 2 m | Host : Breccia
Alteration: sCB | Metallics: 50-60%CP, 7-10%HS | Secondaries: sHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
237	19.15	16.6 %	2.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
23	3.4	1.64	0.0033

Sampled By: TB 07-Aug-06

High grade pods and disseminated chalcopyrite in calcite stringers in breccia outcrop over a 2-3 m area.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286735 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: QZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7214509	N	UTM 558273	E	Strike Length Exp:	Metallics: 1-2%PY	194	4.89	2.21 %	40.7
	Elevation		Sample Width:		True Width:	Secondaries: sGE, sHE, sJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Sedimentary rock		20	40.1	319	0.0009
Sampled By: TB 09-Aug-06	Sample talus with 10-15 cm wide band of goethite and some pyrite.									
286736 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7172114	N	UTM 542583	E	Strike Length Exp:	Metallics: 25-30%CP	274	12.6	12.65 %	138.5
	Elevation		Sample Width:		True Width:	Secondaries: wGE, sHE, sJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Breccia		18.65	41.6	6.33	0.0042
Sampled By: TB 10-Aug-06	High grade chalcopyrite in well rounded football-sized breccia float. Only one rock like this seen so far in float.									
286737 Wernecke	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7172286	N	UTM 542831	E	Strike Length Exp:	Metallics: 40-50%PY	273	6.53	2150	828
	Elevation		Sample Width:		True Width:	Secondaries: sGE, sJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Quartz		92.7	4680	86.5	0
Sampled By: TB 10-Aug-06	Coarse-grained, massive pyrite in milky, cruddy quartz float.									
286738 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7171135	N	UTM 541806	E	Strike Length Exp:	Metallics: ?%U	64	0.18	12.8	13
	Elevation		Sample Width:		True Width:	Secondaries: mHE, mJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Breccia		30	47.2	2.13	0.0453
Sampled By: TB 11-Aug-06	Sample from several subcrop boulders in talus over 1 m with scintillometer readings up to 3000 CPS - EWE 1 showing.									
286739 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sKF, mMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7170758	N	UTM 540861	E	Strike Length Exp:	Metallics: 2-3%CP, 3-5%HS	18	2.28	8110	48.1
	Elevation		Sample Width:		True Width:	Secondaries: sHE, sJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Breccia		3.27	131.5	0.87	0.0005
Sampled By: TB 11-Aug-06	Sample disseminated chalcopyrite in subcrop in small 10 m wide breccia zone.									
286740 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sKF, mMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7170748	N	UTM 540864	E	Strike Length Exp:	Metallics: 3-5%CP, 5-7%HS	32	2.37	1.63 %	22.7
	Elevation		Sample Width:		True Width:	Secondaries: mHE, mJA, mMC	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Breccia		1.64	85.4	1.3	0.0002
Sampled By: TB 11-Aug-06	Above sample 286739 by 5 m, sampled more chalcopyrite in breccia subcrop.									

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286741 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration: sMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7170738	N	UTM 540888	E	Strike Length Exp:	Metallics: 2-3%CP	1285	7.24	1.52 %	216
	Elevation		Sample Width: 1	m	True Width: 1 m	Secondaries: mGE, sHE, sJA, mMC	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Sedimentary rock		110.5	169.5	2.2	0.0004
Sampled By: TB 11-Aug-06	Grab in outcrop over 1m. Disseminated chalcopyrite.									
286742 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sKF, mMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7171024	N	UTM 541584	E	Strike Length Exp:	Metallics: 1-2%CP, 3-5%HS	16	1.97	8700	14.3
	Elevation		Sample Width:		True Width:	Secondaries: sHE, sJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Breccia		137	113	1.93	0.0002
Sampled By: TB 12-Aug-06	Sample disseminated chalcopyrite in breccia float.									
286743 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sCB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7170646	N	UTM 541022	E	Strike Length Exp:	Metallics: U	9.2 g/t	6.73	12	9.2
	Elevation		Sample Width:		True Width:	Secondaries: sHE, sJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Breccia		362	24.8	23.9	0.6844
Sampled By: TB 12-Aug-06	Sample subcrop with high scintillometer reading < 10,000 CPS on hillside, 8,000 CPS on sample - EWE 2 showing.									
286744 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sCB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7170651	N	UTM 541029	E	Strike Length Exp:	Metallics: U	1.64 g/t	2.83	6.2	11.2
	Elevation		Sample Width:		True Width:	Secondaries: sHE, sJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Breccia		85	35.3	6.77	0.1652
Sampled By: TB 12-Aug-06	Across slope 4 m from sample 286743. Sample of two more subcrop boulders with high scintillometer readings. EWE 2 showing.									
286745 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sCB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7170635	N	UTM 541036	E	Strike Length Exp:	Metallics: U	40	0.17	2.5	15.1
	Elevation		Sample Width:		True Width:	Secondaries: sHE, sJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Breccia		9.37	21.4	2.6	0.0238
Sampled By: TB 12-Aug-06	Upslope 10 m from sample 286744. Sample of more calcite rich breccia subcrop with high scintillometer reading. EWE 2 showing.									
286746 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCB, mKF, mMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7170631	N	UTM 541042	E	Strike Length Exp:	Metallics: 1-2%PY, U	155	0.21	6	77.6
	Elevation		Sample Width:		True Width:	Secondaries: sHE, sJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Breccia		3.05	122	1.4	0.0089
Sampled By: TB 12-Aug-06	Up and across slope 5 m from 286745 sample of more subcrop with good scintillometer reading, 1100 CPS among boulders.									

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286747 Wernecke

Grid North: UTM 7197920 N | Grid East: UTM 573540 E | Type: Grab | Alteration: sCB
Elevation | Sample Width: 20 cm | True Width: 20 cm | Strike Length Exp: | Metallics: 20-30%CP | Secondaries: sGE, sHE, sJA, sMC
Host : Sedimentary rock

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
2590	14.15	13.15 %	36.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
5.25	31	0.75	0.0002

Sampled By: TB 15-Aug-06

Sample along 10 cm wide calcite vein with pods of massive chalcopyrite on lower cliffs.

286748 Wernecke

Grid North: UTM 7197920 N | Grid East: UTM 573500 E | Type: Grab | Alteration: sCB
Elevation | Sample Width: 20 cm | True Width: 20 cm | Strike Length Exp: | Metallics: 1-2%CP, 5-7%PY | Secondaries: sGE, sHE, sJA, sMC
Host : Sedimentary rock

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
552	3.92	1.29 %	737
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
10.3	140	2.02	0.0005

Sampled By: TB 15-Aug-06

Above sample 286747 by 40 m. Sample of another 10 cm wide calcite vein with good pyrite and some chalcopyrite. Disseminated chalcopyrite over a 100-200 m area here.

286749 Wernecke

Grid North: UTM 7198292 N | Grid East: UTM 573876 E | Type: Grab | Alteration: sCB
Elevation | Sample Width: 15 cm | True Width: 15 cm | Strike Length Exp: 10+ m | Metallics: 10-20%CP | Secondaries: sAZ, sGE, sJA, sMC
Vein 090°/45° W | Host : Bedded sedimentary rock

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
1000	26.5	21.8 %	19.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
4.51	77.1	0.44	0.0003

Sampled By: TB 15-Aug-06

Sample across calcite vein with good chalcopyrite in banded folded sedimentary rocks. Vein cuts bedding.

286750 Wernecke

Grid North: UTM 7198350 N | Grid East: UTM 573887 E | Type: Grab | Alteration: sCB
Elevation | Sample Width: 50 cm | True Width: 50 cm | Strike Length Exp: 10+ m | Metallics: 2-3%CP | Secondaries: wGE, mJA, wMC
Vein 090°/90° | Host : Sedimentary rock

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
195	3.28	2.34 %	6.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.96	58.2	0.64	0.0003

Sampled By: TB 15-Aug-06

Sample in 50 cm to 1 m wide calcite vein with disseminated chalcopyrite.

286751 Wernecke

Grid North: UTM 7190874 N | Grid East: UTM 556504 E | Type: Chip | Alteration: wHE
Elevation 1360 m | Sample Width: 1 m | True Width: 1 m | Strike Length Exp: | Metallics: 5-10%HE | Secondaries:
Foliation 170°/60° N | Host : Dolomite with ??? Breccia veining

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
8	0.08	83.4	20.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.22	25.9	3.55	0.0007

Sampled By: IG 07-Aug-06

Crackle breccia veined dolomite stromatolitic up slope. Goes up to 400 CPS on scintillometer. Average of 350 CPS.

286752 Wernecke

Grid North: UTM 7191121 N | Grid East: UTM 557748 E | Type: Chip | Alteration: sHE
Elevation 1468 m | Sample Width: 1 m | True Width: 0.8 m | Strike Length Exp: 300 m | Metallics: 20%HE | Secondaries:
Host : Dolomite

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
13	0.23	318	17.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.3	20.3	5.78	0.0006

Sampled By: IG 08-Aug-06

Foliated/faulted Proterozoic Quartet Group dolomite - overprinted by hematite alteration. Brecciated in places, but usually just foliated and fissile. Trace specularite.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286753 Wernecke

Grid North: UTM 7210697 N | Grid East: UTM 559366 E | Elevation | Sample Width: 1 m | Bedding 050°/24°

Type: Select | Strike Length Exp: | True Width: 0.9 m | Host : Fine-grained sandstone

Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	25.3	12.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.06	23.7	0.65	0.0043

Sampled By: IG 09-Aug-06

Sandstone has scintillometer readings of 400-500 CPS, locally up to 2000 CPS which is what this sample is. Unit lies along the side of a hill, but length is unknown.

286754 Wernecke

Grid North: UTM 7167205 N | Grid East: UTM 544800 E | Elevation 1467 m | Sample Width: 0.5 m | Joint 183°/87° N

Type: Chip | Strike Length Exp: 500 m | True Width: 0.2 m | Host : Dark grey and black Wernecke breccia with Proterozoic Quar

Alteration: sHE | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
15	0.07	24.4	87
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.82	77.8	1	0.0040

Sampled By: IG 10-Aug-06

Scintillometer readings average 300 CPS but range up to 500 CPS where this selective chip taken from. Breccia outcrop along this side of the hill.

286755 Wernecke

Grid North: UTM 7167175 N | Grid East: UTM 545256 E | Elevation 1455 m | Sample Width: 1 m

Type: Chip | Strike Length Exp: | True Width: 0.5 m | Host : In side of hill

Alteration: mHE | Metallics: 2%CP, 2%PO | Secondaries: 2%MC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
2020	17.9	1.01 %	330
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
13.65	336	5.37	0.0002

Sampled By: IG 11-Aug-06

Narrow veinlets, flat lying with black hematite. Possibly ladder vein (flat extension) associated with larger vertical N-S trending structure. Vein in this orientation with coarse-grained cross cutting calcite and trace malachite.

286756 Wernecke

Grid North: UTM 7194492 N | Grid East: UTM 576266 E | Elevation 1169 m | Sample Width: 20 cm

Type: Float | Strike Length Exp: | True Width: 20 cm | Host : Brecciated, sheared Quartet siltstone

Alteration: mHE | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	63.4	3.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.11	20.5	0.95	0.0006

Sampled By: IG 13-Aug-06

Narrow sheared zone in boulder of breccia kicked up to 700 CPS. This sample is of the narrow, most radioactive part.

286757 Wernecke

Grid North: UTM 7200014 N | Grid East: UTM 572712 E | Elevation 1650 m | Sample Width: 1 m

Type: Chip | Strike Length Exp: | True Width: 0.5 m | Host : Ferruginous, quartz-carbonate veined, pyrite-chalcopyrite-ma

Alteration: mHE | Metallics: 1%CP, 2%PY | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
212	0.36	1.19 %	43.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.97	132.5	0.87	0.0014

Sampled By: IG 15-Aug-06

Minor staining of malachite. minor pyrite-chalcopyrite throughout.

286758 Wernecke

Grid North: UTM 7199992 N | Grid East: UTM 572721 E | Elevation 1677 m | Sample Width: 0.5 m | Vein

Type: Chip | Strike Length Exp: 5 m | True Width: 0.5 m | Host : Siltstone

Alteration: sHE | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.12	490	9.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.14	27.1	0.2	0.0002

Sampled By: IG 15-Aug-06

Brecciated quartz-carbonate-hematite veining in irregular flat-lying body.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286759 Wernecke

Grid North: UTM 7199920 N | Grid East: UTM 572790 E | Elevation 1668 m | Sample Width: 30 cm | Vein 190°/69° N

Type: Chip | Strike Length Exp: | True Width: 25 cm | Host : Thinly bedded grey to cream dolomite-siltstone

Alteration: wHE | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	40.3	8.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.19	13	6.01	0.0407

Sampled By: IG 15-Aug-06

Difficult to sample because is solid siltstone face. Possible shallow north-dipping veins - difficult to tell as the are is moss covered and stained. Strike and dip recorded at top of ridge. Average scintillometer reading of 1000 CPS over area of approximately 0.5-1 m2.

286760 Wernecke

Grid North: UTM 7199795 N | Grid East: UTM 572770 E | Elevation 1579 m | Sample Width: 20 cm

Type: Chip | Strike Length Exp: | True Width: 20 cm | Host : Pink and brown-grey siltstone

Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	56.9	7.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.31	80.1	2.75	0.0214

Sampled By: IG 15-Aug-06

In side of ridge, small patch (10-20 cm) with a scintillometer reading of 3700 CPS. Within 0.5-1 m2 section of siltstone readings average 600 CPS.

286761 Wernecke

Grid North: UTM 7198218 N | Grid East: UTM 571112 E | Elevation 1868 m | Sample Width: 1 m | Vein

Type: Grab | Strike Length Exp: 50 m | True Width: 1 m | Host : Dolomite/dolomite-siltstone with quartz and iron oxidized vein

Alteration: wHE | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
131	1.04	8190	470
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.36	96.8	1.36	0.0007

Sampled By: IG 16-Aug-06

Dolomite, sandy above veined section and more silty below. Possible thrust? Scintillometer reading of 255 CPS.

286762 Wernecke

Grid North: UTM 7204059 N | Grid East: UTM 559181 E | Elevation 712 m | Sample Width: 15 cm

Type: Grab | Strike Length Exp: | True Width: 15 cm | Host : Carbonate rich sedimentary rock or limestone with medium

Alteration: mHE | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.05	34.4	3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.02	9.6	1.19	0.0063

Sampled By: IG 18-Aug-06

Scintillometer readings of 170 CPS for sample up to 750 CPS in the subcrop.

286763 Wernecke

Grid North: UTM 7204055 N | Grid East: UTM 559181 E | Elevation 712 m | Sample Width: 0.5 m

Type: Chip | Strike Length Exp: | True Width: 0.5 m | Host : Calcareous, massive sedimentary rock/limestone

Alteration: mHE | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	11.8	3.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.02	18.4	1.27	0.0097

Sampled By: IG 18-Aug-06

Very pink in places due to hematite dusting. Scintillometer readings of 161 CPS in hand specimen, up to 650 CPS in outcrop.

286764 Wernecke

Grid North: UTM 7203945 N | Grid East: UTM 559175 E | Elevation 710 m | Sample Width: 20 cm | Vein 230°/70° N

Type: Channel | Strike Length Exp: 5 m | True Width: 20 cm | Host : Quartz-magnetite-chalcopyrite and pyrite? Vein in magnetite

Alteration: sMG | Metallics: 5%CP | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
22	3.29	3.94 %	119.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.28	201	0.24	0.0001

Sampled By: TB 18-Aug-06

Vein exposed in northern wall - can't trace it across floor of trench 1. Appears almost parallel to bench and dipping northerly.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286765 Wernecke

Grid North: UTM 7203946 N | Grid East: UTM 559176 E | Elevation 710 m | Sample Width: 1 m

Type: Chip | Strike Length Exp: 200 m | True Width: 1 m | Host : Strongly magnetite altered gabbro/diorite

Alteration: sMG | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
8	0.04	171.5	61.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.02	89.6	0.33	0.0002

Sampled By: IG 18-Aug-06

Adjacent, immediately east of 286764.

286766 Wernecke

Grid North: UTM 7203942 N | Grid East: UTM 559173 E | Elevation 710 m | Sample Width: 20 cm

Type: Chip | Strike Length Exp: 5 m | True Width: 20 cm | Host : Possible continuation of zone sampled in 286764

Alteration: sMG | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
21	0.32	3200	89.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.05	144.5	0.19	0.0001

Sampled By: IG 18-Aug-06

Much less quartz and chalcopyrite than in 286764. Very sharp magnetite altered diorite.

286767 Wernecke

Grid North: UTM 7193483 N | Grid East: UTM 532303 E | Elevation 1366 m | Sample Width:

Type: Grab | Strike Length Exp: | True Width: | Host : Algal carbonate unit

Alteration: mSI | Metallics: | Secondaries: 1%AZ, 1%MC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.09	1490	3.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.69	2.4	0.66	0.0002

Sampled By: IG 19-Aug-06

Algal carbonate unit - malachite and azurite disseminated in float boulders, also on joints. Scintillometer reading: 120 CPS

286768 Wernecke

Grid North: UTM 7213017 N | Grid East: UTM 527806 E | Elevation | Sample Width: 50 cm

Type: Float | Strike Length Exp: | True Width: 50 cm | Host : Pink hematitic dolomite siltstone/dolocrenik

Alteration: mHE | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.98	107.5	4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
4.34	9.2	13.1	0.6490

Sampled By: IG 21-Aug-06

Mauve to brick red hematitic sandstone/carbonate with disseminated specularite and/or brannerite. Dark mauve/pink hematite dusting with disseminated dark reflective/metallic grains - Brannerite. Samples goes 3300 CPS on sub/outcrop up to 10,000 CPS. Possible subcrop under talus near very top of ridge.

286769 Wernecke

Grid North: UTM 7204144 N | Grid East: UTM 558941 E | Elevation 708 m | Sample Width: 10 cm

Type: Chip | Strike Length Exp: | True Width: 10 cm | Host : Limestone

Alteration: mKF | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.26	20.1	7.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.22	16.6	0.89	0.0205

Sampled By: IG 25-Aug-06

Limestone - pink potassium feldspar or hematite dusting and amphibole. Boulder

286770 Wernecke

Grid North: UTM 7204116 N | Grid East: UTM 558849 E | Elevation 700 m | Sample Width: 10 cm

Type: Float | Strike Length Exp: | True Width: 10 cm | Host : Argillite

Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	7.1	12.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.1	40.5	0.61	0.0014

Sampled By: IG 25-Aug-06

Boulder of potassium feldspar, chlorite, amphibole altered sedimentary rock/argillite.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286771 Wernecke

Grid North: UTM 7203924 N | Grid East: UTM 558600 E | Elevation 725 m | Sample Width: 10 cm
Type: Grab | Strike Length Exp: | True Width: 10 cm | Host : Argillaceous limestone
Alteration: mCL, wKF, sMS | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
15	0.04	116.5	4.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.5	31.2	0.73	0.0121

Sampled By: IG 25-Aug-06

Sericite-chlorite-potassium feldspar altered argillaceous limestone. Strike length exposed along side of hill.

286851 Wernecke

Grid North: UTM 7211330 N | Grid East: UTM 530165 E | Elevation | Sample Width:
Type: | Strike Length Exp: | True Width: | Host :
Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
5	0.04	18.5	7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.08	19.6	0.58	0.0003

Sampled By: EC 20-Jul-06

286852 Wernecke

Grid North: UTM 7206042 N | Grid East: UTM 527955 E | Elevation | Sample Width: 30 cm
Type: Chip | Strike Length Exp: 2 m | True Width: 1 m | Host : Sheared black shale
Alteration: mKF, mSI | Metallics: 1%CP | Secondaries: wAZ, wGE, wHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
28	0.56	3440	150.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.65	27.3	3.58	0.0006

Shearing 180°/43° W

Sampled By: EC 01-Aug-06

Grey-black sheared black shale, partly silicified and potassium feldspar altered. Hematite - malachite stained outcrop. Minor disseminated chalcopyrite.

286853 Wernecke

Grid North: UTM 7205730 N | Grid East: UTM 528194 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Potassium feldspar - specular hematite breccia float.
Alteration: sKF | Metallics: 2%CP, 20%HS | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
13	0.34	8300	31
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.32	13.4	1.93	0.0007

Sampled By: EC 01-Aug-06

Pink-grey potassium feldspar specular hematite altered breccia with 0.1-0.2 mm wide chalcopyrite veinlets cross-cutting and malachite staining.

286854 Wernecke

Grid North: UTM 7205640 N | Grid East: UTM 528210 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Vein in potassium feldspar-specular hematite breccia
Alteration: mCB, sKF | Metallics: 2%BO, 3%CP, 30%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
56	0.23	3910	27.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.29	18	1.11	0.0006

Sampled By: EC 01-Aug-06

Massive pink-grey potassium feldspar - specular hematite altered rock/breccia with quartz-siderite-chalcopyrite-bornite+/-pyrite veins and veinlets cross cutting.

286855 Wernecke

Grid North: UTM 7211997 N | Grid East: UTM 527580 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: 2 m | Host : Massive quartz-siderite vein
Alteration: sCB, sQZ | Metallics: 2%HS | Secondaries: wGE, wHE, trMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
21	0.04	165	43.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.99	28	0.51	0.0001

Sampled By: EC 01-Aug-06

Massive quartz siderite vein with minor specularite oxidizing to secondary hematite and goethite. Trace malachite staining - patchy. Float approximately 5 m downhill from probable source.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286856 Wernecke

Grid North:		Grid East:		Type: Float	Alteration: wBI, wCA, mCL, sKF, mQZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7211900	N	UTM 527625	E	Strike Length Exp:	Metallics: 10%HS, 0.3%BZ	21	0.07	5.2	24.3
Elevation		Sample Width:		True Width:	Secondaries:	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
				Host :		0.62	74.7	4.49	0.0932

Sampled By: EC 01-Aug-06

Potassium feldspar-quartz-specularite veined, brecciated and altered chlorite phyllite/slate. Float - suspect close to source. Scintillometer readings of 1000-1200 CPS. Trace fine-grained brannerite?

286857 Wernecke

Grid North:		Grid East:		Type: Float	Alteration: mCL, sKF	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7211910	N	UTM 527620	E	Strike Length Exp:	Metallics: 30%HS, 0.3%BZ	7	0.02	2.1	4.9
Elevation		Sample Width:		True Width:	Secondaries: wHE	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
				Host :		0.19	27	0.94	0.0182

Sampled By: EC 04-Aug-06

Potassium feldspar-specularite-chlorite veined and altered ?phyllite?. Float suspected close to source. Fine-grained trace brannerite?

286858 Wernecke

Grid North:		Grid East:		Type: Float	Alteration: wCA, mCL, sKF	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7211944	N	UTM 527634	E	Strike Length Exp:	Metallics: 30%HS	5	0.09	0.9	12.1
Elevation		Sample Width:		True Width:	Secondaries:	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
				Host : Veined breccia (phyllite)		0.71	70.9	6.22	0.1652

Sampled By: EC 04-Aug-06

Float? Close to source. massive pink-black hematite-dusted potassium feldspar-specular hematite-?biotite? Veined and altered phyllite.

286859 Wernecke

Grid North:		Grid East:		Type: Float	Alteration: sBI, sCL	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7210105	N	UTM 531207	E	Strike Length Exp:	Metallics:	<5	0.03	404	22.8
Elevation		Sample Width:		True Width:	Secondaries: wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
				Host : Biotite-chlorite schist		0.1	33.4	0.48	0.0003

Sampled By: EC 06-Aug-06

Biotite-chlorite schist with 5-10 % malachite staining. Strongly foliated with slickensides. Float in creek.

286860 Wernecke

Grid North:		Grid East:		Type: Float	Alteration: sQZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7210095	N	UTM 530975	E	Strike Length Exp:	Metallics: 2%BO, 5%CP, 5%HS, 2%	<5	0.33	5260	39.7
Elevation		Sample Width:		True Width:	Secondaries: wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
				Host : Quartzite/argillite/phyllite		0.22	36.5	0.47	0.0003

Sampled By: EC 06-Aug-06

Quartzite/phyllite with quartz-chalcopyrite-?specularite?-pyrite-bornite+/-malachite vein stockwork. Select "high-graded" sample.

286861 Wernecke

Grid North:		Grid East:		Type: Float	Alteration: wKF, sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7192025	N	UTM 554212	E	Strike Length Exp:	Metallics: 1.5%PY	149	0.85	1380	35.1
Elevation		Sample Width:		True Width:	Secondaries: wHE	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
				Host :		0.33	12.4	7.83	0.0049

Sampled By: EC 07-Aug-06

Massive fine to medium-grained buff brown-grey rock with silica-feldspar matrix, minor potassium feldspar altered breccia clasts. Minor fluorite(?) disseminations. Disseminated pyrite 1-2 %. Float boulder just below outcrop.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286862 Wernecke

Grid North: UTM 7191840 N | Grid East: UTM 554275 E | Type: Grab | Alteration: sCA, sQZ
Elevation | Sample Width: 1 cm | True Width: 1 cm | Strike Length Exp: | Metallics: 1%CP | Secondaries: wMC
Vein 260°/60° S | Host :

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.39	429	15.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
4.38	8.7	1.12	0.0002

Sampled By: EC 07-Aug-06

Quartz-calcite-chalcopyrite-malachite vein 1 cm wide in dolostone, adjacent to north-south shear.

286863 Wernecke

Grid North: UTM 7191848 N | Grid East: UTM 554276 E | Type: Chip + Select | Alteration: sCB, wQZ, sSI
Elevation | Sample Width: 30 cm | True Width: | Strike Length Exp: | Metallics: | Secondaries: wMC
Vein 010°/70° W | Host : Dolostone - silicified

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.53	1895	51.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
4.3	23.1	1.54	0.0002

Sampled By: EC 07-Aug-06

Malachite stained, quartz veined, silicified dolostone in fracture zone 010/70W. Chip is 30 cm wide.

286864 Wernecke

Grid North: UTM 7191730 N | Grid East: UTM 554290 E | Type: Chip | Alteration: sKF, mSI, sZE
Elevation | Sample Width: 20 cm | True Width: 20 cm | Strike Length Exp: | Metallics: 0.5%HS, 0.3%PY | Secondaries:
Host : Northern sheared breccia margin

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
9	0.1	10.2	7.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.19	7.9	2.66	0.0007

Sampled By: EC 07-Aug-06

Silicified-potassium feldspar-?zeolite altered breccia with strong shearing at margin of breccia and dolostones (Fairchild Lake). Trace disseminated pyrite. Scintillometer readings of 700 CPS.

286865 Wernecke

Grid North: UTM 7210382 N | Grid East: UTM 561300 E | Type: Float | Alteration: wCB, wQZ, sSI
Elevation | Sample Width: | True Width: | Strike Length Exp: | Metallics: 1%BO, 2%CP | Secondaries: wMC
Vein | Host : Silicified sedimentary rock - "quartzite"

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
57	0.07	1760	2.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.12	9.6	0.35	0.0005

Sampled By: EC 09-Aug-06

Brown fine-grained recrystallized quartzite with fine quartz +/-carbonate+/-chalcopyrite and bornite veins and fractures. Abundant malachite staining.

286866 Wernecke

Grid North: UTM 7210435 N | Grid East: UTM 561480 E | Type: Grab | Alteration: mCA, mCB, mQZ, sSI
Elevation | Sample Width: 20 cm | True Width: 5 m | Strike Length Exp: 2 m | Metallics: 1%BO, 1%CP, 2%PY | Secondaries: wMC
Fault 270°/65° N | Host : Silica-carbonate fault (breccia)

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
38	0.22	3160	72.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.46	65.8	0.72	0.0012

Sampled By: EC 09-Aug-06

Silica-carbonate-filled fault (breccia) zone. With silica+/-siderite+/-chalcopyrite+/-malachite veins.
Minor hematite staining. Grab sampled 20 cm veined zone.

286867 Wernecke

Grid North: UTM 7210780 N | Grid East: UTM 561650 E | Type: Float | Alteration: sCA, wQZ
Elevation | Sample Width: | True Width: | Strike Length Exp: | Metallics: 0.3%BO, 5%CC | Secondaries: wMC
Vein | Host : Massive calcite-quartz vein

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
11	0.91	9530	8.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
8.21	8.9	0.29	0.004

Sampled By: EC 09-Aug-06

Massive calcite-malachite vein with unidentified pinkish-brown mineral possibly chalcocite or cobaltite with some bornite tarnishes.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286868 Wernecke

Grid North: UTM 7210883 N | Grid East: UTM 561845 E | Elevation | Sample Width: | Vein

Type: Float | Strike Length Exp: | True Width: | Host : Massive silica-carbonate vein/fault

Alteration: wQZ, sSI | Metallics: 0.5%CP, 1%PY | Secondaries: trMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
17	16.5	7970	140.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
7.72	13.2	0.29	0.0007

Sampled By: EC 09-Aug-06

Similar to previous sample (286867) - massive silica-carbonate fault/vein with sulfides and malachite. Float at bottom of scree fan.

286869 Wernecke

Grid North: UTM 7211218 N | Grid East: UTM 561350 E | Elevation | Sample Width: | Vein+Fault

Type: Float | Strike Length Exp: | True Width: | Host : Silicate fault breccia/vein

Alteration: sCB, sSI | Metallics: 0.5%CP | Secondaries: wHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
54	2.05	1.63 %	19.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.07	59.4	2.85	0.0010

Sampled By: EC 09-Aug-06

White-dirty brown silica-iron carbonate vein/fault breccia. Float with disseminated fine- to medium-grained chalcopyrite and minor malachite staining. Float on side of hill. Abundant fault material float at this location.

286873 Wernecke

Grid North: UTM 7168940 N | Grid East: UTM 545595 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Silicified sedimentary rock - "quartzite"

Alteration: sSI | Metallics: 5%HS | Secondaries: wBZ?

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
428	1.42	150	20.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
6.48	17.2	4.18	0.1298

Sampled By: EC 11-Aug-06

Light brown medium-grained totally silicified sedimentary rock with fine specular hematite and brannerite(?) black fracture/veinlets. Float is very close to source. Sample on ridge top in east side of saddle. Specular hematite and potassium feldspar altered in 1000 CPS samples. Other float here has scintillometer readings of 800-1100 CPS.

286874 Wernecke

Grid North: UTM 7168957 N | Grid East: UTM 545558 E | Elevation | Sample Width: 20 cm | Joint 200°/90°

Type: Select/Grab | Strike Length Exp: | True Width: 20 cm | Host : Breccia - Proterozoic heterolithic breccia/ brecciated Sedime

Alteration: mCB, mMS, sSI | Metallics: 0.1%PY | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
132	0.54	190.5	6.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
4.33	42	28.8	0.3304

Sampled By: EC 11-Aug-06

Grungy brown-light grey medium-grained silicified and brecciated sedimentary rock. Silica-siderite-white mica matrix with sedimentary rock clasts and weathered out siderite clasts. Proterozoic heterolithic breccia? Trace pyrite or chalcopyrite - very fine-grained. Historical sample 2 m from this sample.

286875 Wernecke

Grid North: UTM 7168870 N | Grid East: UTM 545765 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Heterolithic Wernecke Breccia

Alteration: mCB, sKF, mSI | Metallics: 0.5%CP | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
124	0.56	3780	34.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.5	47.5	2.86	0.0007

Sampled By: EC 11-Aug-06

Proterozoic heterolithic breccia - potassium feldspar altered clasts. Clast-supported breccia with disseminated medium-grained chalcopyrite, hematite-malachite stained float. Fifteen meters from ridge top - Fault - close to source.

286876 Wernecke

Grid North: UTM 7168805 N | Grid East: UTM 545980 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host :

Alteration: mCB, sKF | Metallics: 2%CP | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
658	6.08	2640	12.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.81	19.2	1.19	0.0164

Sampled By: EC 11-Aug-06

Potassium feldspar altered clast with disseminated chalcopyrite, malachite staining. massive boulder float.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286877 Wernecke

Grid North: UTM 7168760 N | Grid East: UTM 546057 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: KF, SD | Metallics: HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
2880	5.81	45.5	15.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
50.2	80.6	5.91	0.0504

Sampled By: EC 11-Aug-06

Boulder float 5 kg. Quartz-potassium feldspar-specular hematite-hematite-siderite altered and veined breccia.

286878 Wernecke

Grid North: UTM 7168266 N | Grid East: UTM 545710 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Quartz vein in silicified diorite?
Alteration: sQZ | Metallics: mHS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
14	0.09	49.6	7.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.38	8.4	1.33	0.0013

Sampled By: EC 12-Aug-06

Quartz-specular hematite vein on edge of massive float boulder.

286879 Wernecke

Grid North: UTM 7168328 N | Grid East: UTM 545700 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Altered sedimentary rock/diorite?
Alteration: mCB, mCL, mKF | Metallics: 3%HS, 10%MG | Secondaries: wGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
277	0.13	7.1	32.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.61	81.9	6.98	0.0779

Sampled By: EC 12-Aug-06

Medium-grained, black altered diorite? with abundant coarse-grained iron carbonate porphyroblasts. Fine-grained groundmass with magnetite and potassium feldspar-chlorite?-specular hematite alteration. Not Wernecke Breccia as the scintillometer readings are less than 2000 CPS. Abundant vugs after carbonate porphyroblasts on weathered

286880 Wernecke

Grid North: UTM 7168395 N | Grid East: UTM 545750 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Altered diorite(?) very close to breccia body
Alteration: wBI, mCA, mKF, wMS | Metallics: 10%HS, 2%PY | Secondaries: mGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
8	0.15	2200	38
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.48	7.1	1.77	0.0014

Sampled By: EC 12-Aug-06

Pink-grey medium-grained equigranular potassium feldspar-specular hematite-biotite(?) groundmass with goethite after a coarse-grained phase (possibly iron carbonate). Trace disseminated fine grained pyrite . Scintillometer readings are less than 650 CPS. Looks like breccia, but without minor sericite clasts (i.e. caf. in outcrops) Probably

286881 Wernecke

Grid North: UTM 7168512 N | Grid East: UTM 545810 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Proterozoic heterolithic breccia
Alteration: mCB, mKF, mSI, wMS | Metallics: 2%CP | Secondaries: wGE, wHE, trMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.73	3190	7.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.11	30.8	1.13	0.0005

Sampled By: EC 12-Aug-06

Grey to pink massive Proterozoic heterolithic breccia. Float boulder 5 kg, matrix supported silica and potassium feldspar altered sedimentary rock clasts to 3 cm across. Matrix is potassium feldspar-silica-siderite(?)-muscovite/sericite(?) (white mica). Goethite after iron carbonate. Hematite-goethite stained pitted weathered surface. Disseminated

286882 Wernecke

Grid North: UTM 7168502 N | Grid East: UTM 545877 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Proterozoic heterolithic breccia
Alteration: mCA, mCB, mKF | Metallics: 2%HS, 10%MG, 2%PY | Secondaries: mGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
25	0.71	17.7	53.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.62	32	4.2	0.0086

Sampled By: EC 12-Aug-06

Proterozoic heterolithic breccia with scintillometer readings of 1000-1200 CPS. Potassium feldspar-magnetite-iron carbonate-pyrite matrix with minor potassium feldspar altered clasts. Goethite after iron carbonate.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286883 Wernecke

Grid North:	Grid East:	Type: Float	Alteration: sCA, sCB, sKF, sSI, wMS	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7168505 N	UTM 545880 E	Strike Length Exp:	Metallics: 1%CP, 5%HS, 2%PY	1340	3.06	1.16 %	46.4
Elevation	Sample Width:	True Width:	Secondaries: GE, HE, wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
		Host : Proterozoic heterolithic breccia - clast		3.53	31.3	1.96	0.0015

Sampled By: EC 12-Aug-06

Proterozoic heterolithic breccia - clasts with silica-potassium feldspar-calcite-iron carbonate-magnetite-specular hematite groundmass and silica/potassium feldspar altered angular clasts. Clast supported breccia. Disseminate blebby chalcopyrite and malachite staining.

286884 Wernecke

Grid North:	Grid East:	Type: Float	Alteration: sCA, sCB	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7168565 N	UTM 545733 E	Strike Length Exp:	Metallics:	68	0.04	114	8.3
Elevation	Sample Width:	True Width:	Secondaries: wGE, wHE, trMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
		Host :		0.17	35.1	7.35	0.0288

Sampled By: EC 12-Aug-06

Massive calcite-siderite vein with trace hematite and malachite staining. Scintillometer readings of 600-700 CPS.

286885 Wernecke

Grid North:	Grid East:	Type: Float	Alteration: wBI, mCA, mCB, sKF, sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7168628 N	UTM 545922 E	Strike Length Exp: 20 m	Metallics: 0.3%CP, 10%MG, 4%PY	105	1.91	1.08 %	20.1
Elevation	Sample Width: 10 cm	True Width: 10 cm	Secondaries: mGE, wHE, wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
Joint 270°/60° N		Host : Proterozoic heterolithic breccia		0.57	80.3	2.95	0.0012

Sampled By: EC 12-Aug-06

Pink-dark grey heterolithic breccia matrix supported with potassium feldspar altered angular clasts. Matrix composed of potassium feldspar, magnetite, carbonate, biotite, silica, sericite. Disseminated pyrite < 3 %. Trace disseminated chalcopyrite. Malachite staining on fractures.

286886 Wernecke

Grid North:	Grid East:	Type: Chip	Alteration: mQZ, mSD	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7168672 N	UTM 546027 E	Strike Length Exp: 2 m	Metallics: 0.5%BO, 1%CP, 7%PY	164	2.68	1.85 %	144
Elevation	Sample Width: 10 cm	True Width: 6 cm	Secondaries: wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
Joint 100°/90°		Host : Proterozoic heterolithic breccia		3.52	39.5	2.06	0.0019

Sampled By: EC 12-Aug-06

Proterozoic heterolithic breccia - silica-siderite matrix with coarse-grained disseminated pyrite, fine-grained chalcopyrite and bornite. Minor malachite staining. Outcrop is breccia with giant megaclast of malachite stained shale.

286887 Wernecke

Grid North:	Grid East:	Type: Float	Alteration: sCA, wKF, mMS	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7168833 N	UTM 545990 E	Strike Length Exp:	Metallics: 0.1%BO, 0.3%CP, 3%MG,	<5	0.54	640	72.4
Elevation	Sample Width: 10 cm	True Width: 10 cm	Secondaries:	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
		Host : Massive calcite vein/altered diorite		0.08	27.5	0.74	0.0001

Sampled By: EC 12-Aug-06

Massive calcite-sericite-potassium feldspar vein with fine-grained disseminated magnetite, minor disseminated euhedral pyrite crystals, and trace chalcopyrite, bornite and malachite. One piece of altered(?) diorite - possibly a clast. Also bladed crystals of sericite?

286888 Wernecke

Grid North:	Grid East:	Type: Float	Alteration: wCL, sKF	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
UTM 7194449 N	UTM 576005 E	Strike Length Exp:	Metallics: 0.5%CP, 10%HS, 7%PY	20	0.1	1.41 %	48.2
Elevation	Sample Width:	True Width:	Secondaries: wGE, wHE, wMC	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
		Host : Proterozoic heterolithic breccia - Heterolithic Wernecke Brec		1.69	112	0.8	0.0020

Sampled By: EC 13-Aug-06

Massive pink-brown intensely potassium feldspar altered fine-grained rock with specular hematite, carbonate and chlorite. Brecciated with potassium feldspar altered clasts to 1 cm. Disseminated pyrite and blebby chalcopyrite. Weathered surface has hematite, goethite and malachite staining. Probably Proterozoic heterolithic breccia. Sample taken

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286889 Wernecke

Grid North: UTM 7194350 N | Grid East: UTM 576120 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: 10 cm | Host : Massive ?ironstone?
Alteration: sCB, wKF, sBA | Metallics: 20%MG, 15%PY | Secondaries: wGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
286	1.12	199	479
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
19.7	60.6	3.11	0.0012

Sampled By: EC 13-Aug-06

Dark green-grey-black massive banded rock consisting of pyrite, barite(?), magnetite, hematite, iron carbonate and minor potassium feldspar.

286890 Wernecke

Grid North: UTM 7194265 N | Grid East: UTM 576260 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Brecciated vein - float
Alteration: wQZ, sBA | Metallics: 10%CP | Secondaries: mHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
16	17.8	20.3 %	36.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
8.51	94.1	2.4	0.0026

Sampled By: EC 13-Aug-06

Brown massive barite-quartz-chalcopyrite-hematite stained vein float. Approximately 10 % coarse-grained infill chalcopyrite, minor malachite, minor brecciation. High grade.

286891 Wernecke

Grid North: UTM 7194280 N | Grid East: UTM 576076 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Siltstone
Alteration: sCL, mKF, wQZ | Metallics: 10%HS, 1%PY | Secondaries: wGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	0.03	231	18.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.27	69.1	1.41	0.0003

Sampled By: EC 14-Aug-06

Purple-green veined and brecciate siltstone. Alteration consists of chlorite-potassium feldspar-specular hematite. Veins comprise hematite, quartz, specular hematite and pyrite.

286892 Wernecke

Grid North: UTM 7194286 N | Grid East: UTM 576093 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Massive brecciated ironstone
Alteration: mCL, sKF, wQZ | Metallics: 1%CP, 50%HS, 2%PY | Secondaries: wAZ, mHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
154	0.2	1740	8.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.96	39.7	3.3	0.0008

Sampled By: EC 14-Aug-06

Massive silver-pink-green ironstone. Predominantly specular hematite with lesser chlorite. Disseminated pyrite and lesser chalcopyrite with strong malachite-azurite staining and hematite-goethite. Massive ironstone.

286893 Wernecke

Grid North: UTM 7194218 N | Grid East: UTM 576300 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Barite vein
Alteration: mQZ, sBA | Metallics: 1%CP?, 2%PY | Secondaries: mGE, mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.39	216	46.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.02	13.9	1.12	0.0031

Sampled By: EC 14-Aug-06

Orange-red massive barite-hematite-goethite stained barite-quartz-pyrite-chalcopyrite(?) vein. Float has a scintillometer reading of 200 CPS.

286894 Wernecke

Grid North: UTM 7194210 N | Grid East: UTM 576330 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: sBA | Metallics: 10%BO, 20%CP | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	3.79	12.15 %	24.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
3.88	47.5	0.95	0.0012

Sampled By: EC 14-Aug-06

Massive barite - chalcopyrite vein with bornite tarnishes.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286895 Wernecke

Grid North: UTM 7194133 N | Grid East: UTM 576383 E | Type: Float | Alteration: sBA
Elevation | Sample Width: | Strike Length Exp: | Metallics: 3%CP
Vein 030°/° | True Width: | Secondaries: wMC
Host :

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.26	7350	24.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.62	58.3	0.63	0.0013

Sampled By: EC 14-Aug-06

As previous (sample 286894) but no bornite, minor malachite and less chalcopyrite.

286896 Wernecke

Grid North: UTM 7193903 N | Grid East: UTM 576431 E | Type: Float | Alteration: sQZ, sBA
Elevation | Sample Width: | Strike Length Exp: | Metallics: 3%CP, 5%HS
True Width: | Secondaries: wMC
Host : Barite-chalcopyrite vein (from fault)

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.13	3080	196
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.48	69.4	1.83	0.0001

Sampled By: EC 14-Aug-06

Float high on shale covered slope. Massive barite-chalcopyrite-malachite vein. Float very close to source.

286897 Wernecke

Grid North: UTM 7193914 N | Grid East: UTM 576436 E | Type: Grab | Alteration: sQZ, mSD
Elevation | Sample Width: 20 cm | Strike Length Exp: | Metallics: 0.1%CP, 2%PY
True Width: 1 m | Secondaries: mHE, wMC
Host : Fault - sheared and veined black shale

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.39	4990	19.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.47	43.7	1.99	0.0021

Sampled By: EC 14-Aug-06

Sheared up black shale with quartz-siderite veining and hematite malachite staining. Graphitic. Subcrop within a fault.

286898 Wernecke

Grid North: UTM 7202290 N | Grid East: UTM 530220 E | Type: Chip | Alteration: sKF, mSI
Elevation | Sample Width: 2 m | Strike Length Exp: | Metallics: 0.5%CC?
Joint 336°/85° W | True Width: 2 m | Secondaries: mHE, wMC
Host : Wernecke Breccia

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	1.47	2280	26.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.48	28	2.67	0.0031

Sampled By: EC 16-Aug-06

Massive pink-red - Wernecke Breccia. Predominantly potassium feldspar-hematite altered with some patchy clasts. Malachite stained face. Unidentified copper sulfide also (may be chalcocite).

286899 Wernecke

Grid North: UTM 7202353 N | Grid East: UTM 530294 E | Type: Float | Alteration: sKF
Elevation | Sample Width: | Strike Length Exp: | Metallics:
True Width: | Secondaries: wMC
Host : Wernecke Breccia - homolithic

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.63	875	141.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.18	24.9	3.08	0.0150

Sampled By: EC 16-Aug-06

Large float boulder has scintillometer readings of 2600 CPS on one surface 500 CPS in hand sample. Pink-purple breccia with strong pervasive potassium feldspar alteration and fine black veinlets. Trace malachite staining.

286901 Wernecke

Grid North: UTM 7194361 N | Grid East: UTM 551420 E | Type: Grab | Alteration: sSI, mCB
Elevation 1690 m | Sample Width: | Strike Length Exp: | Metallics: 2%CP, HS
True Width: | Secondaries:
170°/85° W | Host : Wernecke Breccia

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
36	0.1	476	82.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.62	40.3	1.53	0.0008

Sampled By: PS 16-Jul-06

Highest scintillometer readings of 450-550 CPS on 100 and 170 degree (azimuth for both) joint sets.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286902 Wernecke

Grid North: UTM 7194404 N | Grid East: UTM 551428 E | Elevation 1712 m | Sample Width: | True Width:
Type: Float | Strike Length Exp: | Host : Wernecke Breccia
Alteration: CB, SI | Metallics: CB, MG | Secondaries: CC, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
16	0.13	2320	41.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.23	63.8	1.81	0.0006

Sampled By: PS 16-Jul-06

Waypoint 8.

286903 Wernecke

Grid North: UTM 7194453 N | Grid East: UTM 551463 E | Elevation 1716 m | Sample Width: | True Width:
Type: Float | Strike Length Exp: | Host : Wernecke Breccia
Alteration: CB, wKF | Metallics: HS, MG | Secondaries: MC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
5	0.04	654	61.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.11	83.8	1.43	0.0003

Sampled By: PS 16-Jul-06

Waypoint 9.

286904 Wernecke

Grid North: UTM 7194498 N | Grid East: UTM 551425 E | Elevation 1685 m | Sample Width: | True Width:
Type: Float | Strike Length Exp: | Host : Wernecke Breccia
Alteration: mCB, wCL, wSI | Metallics: mMG, wPY | Secondaries: sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	0.12	2710	88.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.12	55.7	1.99	0.0006

Sampled By: PS 16-Jul-06

Waypoint 10.

286905 Wernecke

Grid North: UTM 7194335 N | Grid East: UTM 551397 E | Elevation 1725 m | Sample Width: | Bedding 090°/30° E | True Width:
Type: Grab | Strike Length Exp: | Host : Wernecke Breccia
Alteration: wCL, wKF, sSI | Metallics: HS | Secondaries: HE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	35.1	7.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.07	26.1	1.91	0.0030

Sampled By: PS 16-Jul-06

Waypoint 11. Scintillometer readings to 450 CPS. South extent of anomalous uranium zone from 286901.

286906 Wernecke

Grid North: UTM 7194286 N | Grid East: UTM 551131 E | Elevation 1623 m | Sample Width: | Vein 170°/80° W | True Width:
Type: Grab | Strike Length Exp: | Host : Proterozoic heterolithic breccia
Alteration: mCB, wCL | Metallics: 2%CP, 1%HS | Secondaries: wGE, wJA, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
75	0.51	2.15 %	35.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.19	79	1.24	0.0026

Sampled By: PS 17-Jul-06

Low scintillometer readings of ~300-400 CPS. Patchy strong malachite - also appears vein controlled (oriented 170 azimuth). Malachite in clasts of Proterozoic Gillespie Lake in Proterozoic heterolithic breccia and as float nearby

286907 Wernecke

Grid North: UTM 7194314 N | Grid East: UTM 551092 E | Elevation 1670 m | Sample Width: | True Width:
Type: Grab | Strike Length Exp: | Host : Proterozoic heterolithic breccia
Alteration: wCL, wCL, mKF | Metallics: 3%CP, 5%HS, 1%MG | Secondaries: sGE, wJA, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
27	0.6	1.37 %	54.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.1	27.8	1.52	0.0004

Sampled By: PS 17-Jul-06

Patchy disseminated malachite, minor vein control. Some chrysocolla. potassium feldspar in 010 oriented vertical veins. Similar style to 286906.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286908 Wernecke

Grid North: UTM 7194371 N | Grid East: UTM 550986 E | Elevation 1690 m | Sample Width: | 010°/70° E

Type: Grab | Strike Length Exp: | True Width: | Host : Proterozoic heterolithic breccia

Alteration: mCB, mCL, QZ, wSI | Metallics: 1%CP, 5%HS, 2%MG | Secondaries: wGE, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
258	0.61	2.11 %	27.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.92	90.1	2.3	0.0006

Sampled By: PS 17-Jul-06

Minor quartz veins (2 cm) and conjugate mineralized vein trending 100/65 south (strike and dip). Low scintillometer reading of ~350 CPS.

286909 Wernecke

Grid North: UTM 7194402 N | Grid East: UTM 550957 E | Elevation 1723 m | Sample Width: | Vein 090°/70° S

Type: Grab | Strike Length Exp: | True Width: | Host : Proterozoic heterolithic breccia

Alteration: wCB, wSI | Metallics: | Secondaries: mGE, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
168	1.25	2.13 %	262
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
4.75	69.9	3.48	0.0017

Sampled By: PS 17-Jul-06

Minor patchy malachite. Low scintillometer response of ~300 CPS. Malachite veins oriented 090/70 south, 014/66 west.

286910 Wernecke

Grid North: UTM 7197926 N | Grid East: UTM 539410 E | Elevation 1430 m | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Proterozoic heterolithic breccia zone

Alteration: sDO, sSI | Metallics: 5%HS, BZ | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.07	18.7	4.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.2	14	5.54	0.2478

Sampled By: PS 18-Jul-06

Scintillometer reading of 6,500 CPS in a single 50 kg boulder (banded albite/actinolite rock) within Proterozoic heterolithic breccia body.

286911 Wernecke

Grid North: UTM 7197945 N | Grid East: UTM 539355 E | Elevation 1464 m | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Boulder of foliated albite, actinolite

Alteration: mCL, sSI | Metallics: BZ | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
52	4.5	8880	57.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.16	30.1	2.84	0.0048

Sampled By: PS 18-Jul-06

Scintillometer response is off the scale. Float of albite, actinolite within Proterozoic heterolithic breccia float - 100 kg. Ten meters from northern boundary with shale.

286912 Wernecke

Grid North: UTM 7194931 N | Grid East: UTM 538188 E | Elevation 1310 m | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Brecciated quartzite (?Proterozoic Gillespie Lake)

Alteration: mCB, sSI | Metallics: 3%CP | Secondaries: mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
17	0.52	7790	8.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.23	6.6	0.71	0.0018

Sampled By: PS 19-Jul-06

Scintillometer reading is 230 CPS. Mixed Proterozoic heterolithic breccia/Proterozoic Gillespie Lake dolomite boulders in talus cone.

286913 Wernecke

Grid North: UTM 7200862 N | Grid East: UTM 576899 E | Elevation 1527 m | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Proterozoic Quartet Group Quartzite

Alteration: wCA, mCL, sEP, mKF, mQ | Metallics: 1%BO, 2%MG | Secondaries: trMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
11	0.09	1150	16.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.98	26.2	1.91	0.0004

Sampled By: PS 21-Jul-06

Scintillometer response is 270 CPS. Quartzite cut by three sets of veins in the paragenesis. First vein: potassium feldspar and quartz; second vein: potassium feldspar only; third vein: epidote, calcite and chlorite.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286914 Wernecke

Grid North: UTM 7205062 N | Grid East: UTM 531427 E | Elevation | Sample Width:
Type: Grab | Strike Length Exp: | True Width: | Host : ?Fairchild Lake Slate
Alteration: | Metallics: 1%PY | Secondaries: mGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.06	19	5.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.13	12.7	0.66	0.0006

Sampled By: PS 22-Jul-06

Scintillometer reading of 350 CPS. Fine-grained limonite and pyrite along cleavage. Start of limonite staining downstream in creek.

286915 Wernecke

Grid North: UTM 7205121 N | Grid East: UTM 527994 E | Elevation 1609 m | Sample Width:
Type: Grab | Strike Length Exp: | True Width: | Host : Veined slate (?Proterozoic Quartet Group) in Wernecke Brec
Alteration: wKF, sQZ | Metallics: | Secondaries: mGE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
5	0.65	549	32.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.37	22.4	2.38	0.0013

Sampled By: PS 01-Aug-06

Scintillometer response is 220 CPS in hand sample, outcrop to 550 CPS. Possible exotic block in Proterozoic heterolithic breccia at veined and faulted margin with Proterozoic Gillespie Lake shale and dolomite.

286916 Wernecke

Grid North: UTM 7209146 N | Grid East: UTM 528065 E | Elevation 1512 m | Sample Width:
Type: Grab | Strike Length Exp: | True Width: | Host : Proterozoic heterolithic breccia
Alteration: wCB, wKF, wSI | Metallics: 1%CP, 2%HS, 1%PY | Secondaries: mGE, mJA, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
21	0.47	9770	68.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
7.64	32.3	0.92	0.0016

Sampled By: PS 02-Aug-06

Prominent patchy and joint-controlled malachite on northwest side of ridge-top outcrop. Substantial malachite in talus.

286917 Wernecke

Grid North: UTM 7208982 N | Grid East: UTM 527728 E | Elevation 1528 m | Sample Width:
Type: Grab | Strike Length Exp: | True Width: | Host :
Alteration: mCB, mKF, mQZ, mSI | Metallics: 1%CP, 5%HS, 1%PY | Secondaries: mGE, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
9	0.17	4850	15.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.31	30.9	1.95	0.0014

Sampled By: PS 02-Aug-06

Splashy malachite on ferruginous, silicified ?siltstone within Proterozoic heterolithic breccia. Outcrop scintillometer response to 400CPS, 300 CPS in hand sample.

286918 Wernecke

Grid North: UTM 7208965 N | Grid East: UTM 527612 E | Elevation 1524 m | Sample Width:
Type: Grab | Strike Length Exp: | True Width: | Host : Wernecke Breccia - homolithic
Alteration: mCA, wMS, wSI | Metallics: | Secondaries: mGE, wJA, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
8	0.19	524	58.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.37	35.6	2.57	0.0006

Sampled By: PS 03-Aug-06

Malachite along S1 planes in slate matrix of monomictic Wernecke Breccia. Sulfides are absent.

286919 Wernecke

Grid North: UTM 7211954 N | Grid East: UTM 527611 E | Elevation 1227 m | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Quartz, potassium feldspar, sericite, plagioclase vein with chl
Alteration: mCL, mKF, mMS, sQZ | Metallics: <1%BO, <1%CP, 3%HS, | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
11	0.04	20	3.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.23	18.3	4.3	0.1534

Sampled By: PS 04-Aug-06

Scintillometer response to 1,600 CPS in sample and 2,500 CPS in 50 kg boulder. Irregular vein with inclusions of chloritized wall rock.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286920 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCB, mCL, sKF, mMS, sQ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211969	N	UTM 527612	E	Strike Length Exp:	Metallics: 5%HS, 1%BZ	88	0.36	20.7	17.4
	Elevation 1220	m	Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Altered slate		1.25	30.3	11.2	0.5546
Sampled By: PS 04-Aug-06	Scintillometer response to 2,500 CPS in hand sample and 9,000 CPS in 100 kg float boulder. Uranium (brannerite) in potassium feldspar, quartz, sericite, iron-carbonate, specular hematite veinlets within chlorite, sericite slate.									
286921 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wCL, sKF, mQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211858	N	UTM 527655	E	Strike Length Exp:	Metallics: 5%HS, ?BZ	24	0.36	123	14.2
	Elevation 1265	m	Sample Width:		True Width:	Secondaries: wGE, wJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host :		2.92	30.7	2.01	0.0300
Sampled By: PS 04-Aug-06	Scintillometer response of 700 CPS in sample. Potassium feldspar matrix to jigsaw breccia in altered slate/siltstone.									
286922 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCL, KF, sQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211876	N	UTM 527663	E	Strike Length Exp:	Metallics: 5%HS, BZ	40	0.11	23.3	13.3
	Elevation 1267	m	Sample Width:		True Width:	Secondaries: HE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Vein		7.32	47.5	80.4	4.8026
Sampled By: PS 04-Aug-06	Off the scale scintillometer response in hand sample (~250g)									
286923 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCL, sKF, mQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211953	N	UTM 527642	E	Strike Length Exp:	Metallics: 2%HS, ?BZ	7	0.02	8.2	4.9
	Elevation 1227	m	Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host :		0.18	22.1	2.11	0.0463
Sampled By: PS 04-Aug-06	Scintillometer reading of 600 CPS in hand sample, 4,900 CPS in 30 kg boulder.									
286924 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCL, sKF, wMS, mQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211962	N	UTM 527631	E	Strike Length Exp:	Metallics: 2%HS, BZ	126	0.18	12.5	3.6
	Elevation 1219	m	Sample Width:		True Width:	Secondaries: mHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Altered slate		4.28	24.2	28.6	1.2036
Sampled By: PS 04-Aug-06	Uranium in potassium feldspar/quartz/chlorite vein appears as brannerite slicken-fibers on joint surfaces. Scintillometer reading of 1750 CPS on sample, 3650 CPS on 50 kg boulder.									
286925 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCL, sKF, sQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211941	N	UTM 527641	E	Strike Length Exp:	Metallics: 2%HS, BZ	5	0.05	9.8	14.5
	Elevation 1236	m	Sample Width:		True Width:	Secondaries: mHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Altered slate and veining		0.11	52.3	1.11	0.0251
Sampled By: PS 04-Aug-06	Irregular stockwork veinlets and replacement breccia pipe (jigsaw fit of chloritized slate wall rock). Sample scintillometer response of 550 CPS, outcrop response of 1750 CPS.									

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286926 Wernecke

Grid North: UTM 7210288 N | Grid East: UTM 529641 E | Elevation 1307 m | Sample Width: 5 cm | 074°/82° NW

Type: Grab | Strike Length Exp: 5 m | True Width: 1 m | Host : Bedded calcareous siltstone in Proterozoic heterolithic brecci

Alteration: wCB, sSI | Metallics: 10%PY | Secondaries: sGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
17	0.17	1245	79.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.5	46.5	0.36	0.0010

Sampled By: PS 05-Aug-06

Selective replacement of host along minor bedding parallel fault. Major potassium feldspar in adjacent Proterozoic heterolithic breccia. Scintillometer reading of 380 CPS in outcrop, 260 CPS in sample.

286927 Wernecke

Grid North: UTM 7200987 N | Grid East: UTM 534883 E | Elevation 1844 m | Sample Width: | Fault 048°/40° NW

Type: Grab | Strike Length Exp: 25 m | True Width: 30 cm | Host : Calcareous meta-siltstone

Alteration: mCL, mQZ | Metallics: 5%CP, 15%MG, 5%PY | Secondaries: mAZ, mGE, mJA, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
810	3.42	5.22 %	76.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
304	43.2	2.16	0.0164

Sampled By: PS 06-Aug-06

Joint and fracture controlled. Previously sampled and tagged in 2004. Scintillometer reading of 290 CPS, host rock is also about 290 CPS.

286928 Wernecke

Grid North: UTM 7200979 N | Grid East: UTM 534825 E | Elevation 1877 m | Sample Width:

Type: Float | Strike Length Exp: 5 m | True Width: | Host : Calcareous siltstone/shale

Alteration: | Metallics: 2%CP, 20%HS, 2%MG, 5 | Secondaries: sGE, sJA, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
206	1.49	1.21 %	930
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
11.5	59.8	2.42	0.0156

Sampled By: PS 06-Aug-06

Rubbly outcrop on ridge crest. East of peak 6 m. Scintillometer reading of 230 CPS.

286929 Wernecke

Grid North: UTM 7200917 N | Grid East: UTM 534701 E | Elevation 1839 m | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Wernecke Breccia

Alteration: mCL, sKF | Metallics: 3%HS, 5%MG | Secondaries: mGE, wJA, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
978	1.36	6860	57.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
8.27	36.3	7.79	0.1652

Sampled By: PS 06-Aug-06

Likely structural contract between Wernecke Breccia and adjacent altered siltstone. Scintillometer response of 1100 CPS in sample, 1500 CPS on rubbly float.

286930 Wernecke

Grid North: UTM 7200884 N | Grid East: UTM 534641 E | Elevation 1827 m | Sample Width: | Joint

Type: Grab | Strike Length Exp: 2 m | True Width: 0.5 m | Host : Diorite in Wernecke Breccia?

Alteration: mCL, mKF | Metallics: 1%CP, 2%HS, 5%MG, 2% | Secondaries: mGE, sMC, mCK

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
118	0.93	5990	78.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
14.5	50.7	1.59	0.0054

Sampled By: PS 06-Aug-06

Veinlet and joint control. Two separate zones with intervening talus strike 090. Scintillometer response of 270 CPS in sample.

286931 Wernecke

Grid North: UTM 7200835 N | Grid East: UTM 534512 E | Elevation 1838 m | Sample Width: | Joint 040°/68° NW

Type: Grab | Strike Length Exp: 6 m | True Width: | Host : Metasomatite

Alteration: mCL, sKF, wQZ | Metallics: 2%CP, 10%HS, 20%MG, | Secondaries: mGE, mHE, wJA, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
1580	3.02	3.02 %	303
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
4.02	112.5	1.85	0.0131

Sampled By: PS 06-Aug-06

Scintillometer response to 1500 CPS in rubbly outcrop, only 460 CPS in hand sample. Fracture/fault control.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286932 Wernecke

Grid North: UTM 7200409 N | Grid East: UTM 534039 E | Elevation 1501 m | Sample Width: 0.3 m | Joint 346°/56° NE

Type: Grab | Strike Length Exp: | True Width: 2 m | Host : Shale/dolomite

Alteration: wMS, sQZ | Metallics: 5%PY | Secondaries: mGE, mHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
34	0.5	145.5	118.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
8.35	27.2	1.91	0.0011

Sampled By: PS 07-Aug-06

Sample has scintillometer response of 145 CPS, outcrop has 120 CPS. Zone of goethite staining in creek. Gossanous outcrop over approximately 40 m.

286933 Wernecke

Grid North: UTM 7200407 N | Grid East: UTM 534023 E | Elevation 1477 m | Sample Width: 0.5 m

Type: Grab | Strike Length Exp: | True Width: | Host : Calcareous shale/dolomite

Alteration: sQZ | Metallics: 5%PY | Secondaries: mGE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
82	0.86	142	72.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
7.82	24.7	4.37	0.0002

Sampled By: PS 07-Aug-06

Quartz-pyrite vein. Continuation of sulfide zone from sample 286932 and goethite staining in creek.

286934 Wernecke

Grid North: UTM 7200389 N | Grid East: UTM 533996 E | Elevation 1460 m | Sample Width: 30 cm

Type: Grab | Strike Length Exp: | True Width: | Host : Shale

Alteration: sQZ | Metallics: 5%PY | Secondaries: sGE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
69	0.61	207	639
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
12.95	71.8	3.16	0.0004

Sampled By: PS 07-Aug-06

Scintillometer response is 390 CPS in sample, and 490 CPS in outcrop. West end of mineralized zone in creek. Continuation in sampling from sample 286932.

286935 Wernecke

Grid North: UTM 7168530 N | Grid East: UTM 546590 E | Elevation 1983 m | Sample Width: | Joint 044°/54° SE

Type: Grab | Strike Length Exp: 3 m | True Width: 5 cm | Host : Proterozoic heterolithic breccia

Alteration: wBI, mCB, mCL, sKF, mQ | Metallics: 1%CP, 1%HS | Secondaries: wGE, wJA, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
37	1.99	1.08 %	41.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.04	44	1.68	0.0017

Sampled By: PS 11-Aug-06

Possible trace chalcocite. Scintillometer response of 290 CPS in sample.

286936 Wernecke

Grid North: UTM 7168349 N | Grid East: UTM 546674 E | Elevation 2005 m | Sample Width:

Type: Grab | Strike Length Exp: | True Width: | Host : Proterozoic homolithic breccia

Alteration: mBI, wCL, sKF, mQZ | Metallics: trBO, 2%CP, 5%HS, 1%M | Secondaries: mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
159	1.12	6280	72.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.86	32	1	0.0030

Sampled By: PS 11-Aug-06

Joint controlled malachite. Blebs of chalcopyrite to 1 cm diameter.

286937 Wernecke

Grid North: UTM 7196590 N | Grid East: UTM 578762 E | Elevation 1076 m | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Dolomite

Alteration: sSI | Metallics: | Secondaries: mGE, mJA, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
20	0.57	3910	21.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
3.57	18.2	3.5	0.0036

Sampled By: PS 14-Aug-06

Scintillometer response of 280 CPS in hand sample and 610 CPS in outcrop.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286938 Wernecke

Grid North: UTM 7198791 N | Grid East: UTM 571961 E | Elevation 1612 m | Sample Width:

Type: Float | Strike Length Exp: | True Width:

Alteration: sQZ | Metallics: 5%PY | Secondaries: sGE, mJA

Host : Proterozoic Gillespie Lake shale or thrust fault zone

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
28	0.34	209	80.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
18.95	66.1	3.24	0.0007

Sampled By: PS 15-Aug-06

Scintillometer response of 140 CPS in sample.

286939 Wernecke

Grid North: UTM 7198213 N | Grid East: UTM 571116 E | Elevation 1871 m | Sample Width:

Type: Grab | Strike Length Exp: | True Width:

Alteration: mQZ | Metallics: 1%CP | Secondaries: mAZ, mGE, mJA, sMC

Host : Dolomite and black shale

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
88	1.11	7830	302
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.5	73.8	1.89	0.0006

Sampled By: PS 16-Aug-06

Scintillometer response of 240 in sample.

286940 Wernecke

Grid North: UTM 7203976 N | Grid East: UTM 559153 E | Elevation 709 m | Sample Width:

Joint 080°/90°

Type: Grab | Strike Length Exp: | True Width:

Alteration: mCB, wEP, mQZ, mSI | Metallics: 5%CP, 10%MG, 1%PY | Secondaries: wGE, mMC

Host : Diorite porphyry

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
47	0.41	1.72 %	62.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.54	126.5	0.47	0.0002

Sampled By: PS 18-Aug-06

Chrysocolla abundant. South wall of #2 trench, Fairchild prospect. Scintillometer response of 070 CPS in sample and outcrop.

286941 Wernecke

Grid North: UTM 7203983 N | Grid East: UTM 559162 E | Elevation 710 m | Sample Width:

Vein 161°/72° W

Type: Grab | Strike Length Exp: | True Width:

Alteration: mCB, mCL, mEP, mQZ | Metallics: CP, MG, PY | Secondaries: GE, MC

Host : Diorite porphyry

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
29	1.11	1.29 %	65.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.08	98.4	0.35	0.0001

Sampled By: PS 18-Aug-06

North wall of trench #2, Fairchild prospect. Scintillometer response of 080 CPS.

286942 Wernecke

Grid North: UTM 7203924 N | Grid East: UTM 559122 E | Elevation 715 m | Sample Width:

Type: Grab | Strike Length Exp: 0.5 m | True Width:

Alteration: mCB, mCL, mQZ | Metallics: 2%MG | Secondaries: mMC

Host : Margin of diorite body

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.32	7860	32.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.2	54.6	0.47	0.0004

Sampled By: PS 18-Aug-06

Scintillometer response of 090 CPS in hand sample.

286943 Wernecke

Grid North: UTM 7204084 N | Grid East: UTM 559168 E | Elevation 718 m | Sample Width:

Type: Grab | Strike Length Exp: | True Width:

Alteration: | Metallics: | Secondaries: sHE

Host : Limestone

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.4	65	6.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.06	26	1.41	0.0183

Sampled By: PS 18-Aug-06

Scintillometer reading of 500 CPS in sample, but approximately 3000 CPS in outcrop.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286944 Wernecke

Grid North: UTM 7204076 N | Grid East: UTM 559130 E | Elevation 720 m | Sample Width: 30 cm
Type: Grab | Strike Length Exp: | True Width: | Host : Limestone
Alteration: | Metallics: | Secondaries: HE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
23	11.65	213	12.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
7.08	37.1	2.02	0.0186

Sampled By: PS 18-Aug-06

Scintillometer reading of 390 CPS in sample and 1100 CPS in outcrop. Hematitic zone in limestone.

286945 Wernecke

Grid North: UTM 7193886 N | Grid East: UTM 532190 E | Elevation 1285 m | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Shale
Alteration: mKF | Metallics: | Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
841	6.24	1440	50.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
30.5	51.1	12.8	0.4602

Sampled By: PS 19-Aug-06

Very small anomalous chips in old pit excavated into the talus. 500 CPS in ?30g sample. Hematitic (and potassium feldspar altered?) shale host.

286946 Wernecke

Grid North: UTM 7193882 N | Grid East: UTM 532186 E | Elevation 1297 m | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Shale (hematitic, ?potassium feldspar altered)
Alteration: mKF | Metallics: | Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
3130	44.3	1190	123.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
62.2	56.8	26.2	2.1240

Sampled By: PS 19-Aug-06

Scintillometer reading of >9,999 CPS in boulder (10 kg) and hand sample.

286951 Wernecke

Grid North: UTM 7195617 N | Grid East: UTM 551569 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Alteration in slate (siltstone)
Alteration: mCL, sSI | Metallics: 7%PY | Secondaries: mGE, mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	0.04	84.4	177
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
3.03	148	1.57	0.0006

Sampled By: RB 17-Jul-06

Light greenish grey boulder with disseminated pyrite. Found up slope in situ. It is alteration on the breccia margin.

286952 Wernecke

Grid North: UTM 7195840 N | Grid East: UTM 551800 E | Elevation | Sample Width:
Type: Select | Strike Length Exp: | True Width: | Host : Siltstone at the margin of the breccia
Alteration: mCL, sSI | Metallics: 3%PY | Secondaries: sGE, sHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
53	0.19	33.4	54.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
9.59	26.6	3.51	0.0009

Sampled By: RB 17-Jul-06

Selected for the best scintillometer reading in the fault zone. Same alteration as previous and following samples.

286953 Wernecke

Grid North: UTM 7195740 N | Grid East: UTM 551680 E | Elevation | Sample Width: 15 cm
Type: Grab | Strike Length Exp: | True Width: 15 cm | Host : Chlorite-silica alteration at margin of the breccia
Alteration: mCL, wMS, sSI | Metallics: 10%PY | Secondaries: wGE, sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
53	0.16	380	267
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
4.14	78	2	0.0008

Sampled By: RB 17-Jul-06

Same alteration as sample 286951 but taken in situ.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286954 Wernecke

Grid North: UTM 7195932 N | Grid East: UTM 536568 E | Elevation 1539 m | Sample Width: 10 cm | Fault 240°/84°

Type: Grab | Strike Length Exp: | True Width: 10 cm | Host : Mudstone

Alteration: wCB, mCL | Metallics: trPY | Secondaries: wHE, vwMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	<0.01	29.9	10.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.08	30	1.02	0.0004

Sampled By: RB 19-Jul-06

Fault zone with moderate scintillometer response. Chlorite slickensides indicate sinistral oblique slip rake of 42 degrees from west.

286955 Wernecke

Grid North: UTM 7195903 N | Grid East: UTM 536556 E | Elevation 1519 m | Sample Width: 15 cm

Type: Select | Strike Length Exp: | True Width: 15 cm | Host : Siltstone

Alteration: mCL, sSI | Metallics: trCP, 2%PY | Secondaries: mGE, mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
22	0.13	29.3	132
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.76	56	1.1	0.0018

Sampled By: RB 19-Jul-06

Silica altered fault zone, looks metasomatized location sampled on the 26th of June.

286956 Wernecke

Grid North: UTM 7195910 N | Grid East: UTM 536560 E | Elevation 1521 m | Sample Width: | Bedding 140°/90°

Type: Select | Strike Length Exp: | True Width: | Host : Wernecke Breccia/ Mudstone

Alteration: mCB, wCL, sSI | Metallics: trHS, trPY | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
86	0.3	150	26.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.76	18.2	1.15	0.0034

Sampled By: RB 19-Jul-06

Altered mudstone at Wernecke Breccia margin. Quartz-iron carbonate chaotic veining.

286957 Wernecke

Grid North: UTM 7202324 N | Grid East: UTM 530378 E | Elevation 1907 m | Sample Width: 15 cm

Type: Grab | Strike Length Exp: | True Width: | Host : Wernecke Breccia

Alteration: wKF, mSI | Metallics: tr-1%CP, 5%HS, 3%PY | Secondaries: wGE, mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
13	0.24	50	798
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.25	27.7	1.57	0.0003

Sampled By: RB 20-Jul-06

Siliceous Wernecke Breccia at contact with sedimentary rock. Sedimentary rocks contain pebble to granule sized siltstone clasts that are potassium feldspar altered. Pyrite is fine-grained and disseminated.

286958 Wernecke

Grid North: UTM 7202300 N | Grid East: UTM 530285 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Wernecke Breccia

Alteration: sKF, mSI | Metallics: trCP, 3%HS | Secondaries: wHE, wMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
12	0.21	261	72.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.17	16.5	2.41	0.0061

Sampled By: RB 20-Jul-06

Potassium feldspar alteration in clasts contained in Wernecke Breccia. Potassium feldspar veinlets cut buff colored siltstone clasts. Trace chalcopyrite associated with area of strongest potassium feldspar alteration.

286959 Wernecke

Grid North: UTM 7202158 N | Grid East: UTM 530130 E | Elevation 1855 m | Sample Width: 15 cm | Joint 085°/87° S

Type: Grab | Strike Length Exp: | True Width: 15 cm | Host : Wernecke Breccia

Alteration: mCA, sDO | Metallics: 5%HS, 2%PY | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
16	0.06	42.3	12.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.23	13.5	1.51	0.0004

Sampled By: RB 22-Jul-06

Medium-grained sulfides associated and intergrown with pink manganese(?) carbonate in Wernecke Breccia. Breccia is calcareous.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286960 Wernecke

Grid North: UTM 7202362 N | Grid East: UTM 530241 E | Elevation 1839 m | Sample Width: | Joint 150°/84° SW

Type: Grab | Strike Length Exp: | True Width:

Alteration: mCB | Metallics: trCP | Secondaries: wGE, wMC

Host : Phyllite, fault gouge.

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
5	0.06	33.4	23.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.67	23.2	2.21	0.0004

Sampled By: RB 22-Jul-06

Phyllite near shear with trace malachite on fracture surfaces. Trace chalcopyrite in iron carbonate veins.

286961 Wernecke

Grid North: UTM 7202362 N | Grid East: UTM 530240 E | Elevation 1839 m | Sample Width:

Type: Float | Strike Length Exp: | True Width:

Alteration: sKF, wSI | Metallics: 3%HS, tr-2%PY | Secondaries: wHE

Host : Altered siltstone clast

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
9	0.19	690	120.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.66	42.6	4.47	0.0175

Sampled By: RB 22-Jul-06

Strongly potassium feldspar altered rock with patchy carbonate-quartz+/-pyrite blebs.

286962 Wernecke

Grid North: UTM 7205899 N | Grid East: UTM 528050 E | Elevation 1540 m | Sample Width:

Type: Float | Strike Length Exp: | True Width:

Alteration: mKF, mSI | Metallics: 3%HS, trPY | Secondaries: wHE, wJA

Host : Wernecke Breccia

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
430	6.09	252	86.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
6.64	40.2	9.31	0.0382

Sampled By: RB 22-Jul-06

Float in dry creek.

286963 Wernecke

Grid North: UTM 7205882 N | Grid East: UTM 527873 E | Elevation 1564 m | Sample Width: 75 cm | Vein 155°/76° SW

Type: Grab | Strike Length Exp: | True Width: 50 cm

Alteration: wCL, mDO, mKF | Metallics: 5-10%HS | Secondaries: wGE, wHE

Host : Wernecke Breccia

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
9	0.06	7	22.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.09	26.2	3.36	0.0005

Sampled By: RB 01-Aug-06

Discontinuous veinlets 1-4 cm wide parallel to cleavage contain dolomite, potassium feldspar and specularite.

286964 Wernecke

Grid North: UTM 7205562 N | Grid East: UTM 528081 E | Elevation 1592 m | Sample Width: 40 cm | Vein 123°/40° SW

Type: Grab | Strike Length Exp: | True Width: 7.5 cm

Alteration: sKF | Metallics: 1%BO, trCP, 35%HS | Secondaries: wHE

Host : Wernecke Breccia

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
23	0.7	17.1	15.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.94	19	2.28	0.0006

Sampled By: RB 01-Aug-06

Specular hematite vein in breccia containing disseminated bornite and chalcopyrite.

286965 Wernecke

Grid North: UTM 7205509 N | Grid East: UTM 528204 E | Elevation 1584 m | Sample Width: 15 cm | Joint 100°/47° S

Type: Grab | Strike Length Exp: | True Width: 10 cm

Alteration: sKF | Metallics: 5%CP, trHS | Secondaries: mGE, mHE, wJA, iMC

Host : Wernecke Breccia cherty siltstone contact

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
27	3.18	1.59 %	11.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
6.17	17.6	1.79	0.0037

Sampled By: RB 01-Aug-06

Lens of intensely altered and mineralized outcrop ~4 x 6 x 2 m in dimension. Appears to have limited continuity very fractured.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286966 Wernecke

Grid North: UTM 7217461 N | Grid East: UTM 544131 E | Elevation 599 m | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Quartzite
Alteration: sSI | Metallics: trCP, 1%PY | Secondaries: sHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
25	0.08	39	58
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
5.45	20.2	0.65	0.0003

Sampled By: RB 03-Aug-06

Quartz crackle breccia with 1-2 % pyrite and trace chalcopyrite.

286967 Wernecke

Grid North: UTM 7207971 N | Grid East: UTM 530089 E | Elevation | Sample Width: 2 m
Type: Chip | Strike Length Exp: 10 m | True Width: 2 m | Host : Breccia hornfelsed (?)
Alteration: mSI | Metallics: | Secondaries: trAZ, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
87	0.52	2710	57
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
3.71	43	1.6	0.0015

Sampled By: RB 05-Aug-06

Intensely fractured zone near breccia/phyllite contact. Copper precipitate coats fracture surfaces.

286968 Wernecke

Grid North: UTM 7209282 N | Grid East: UTM 529982 E | Elevation | Sample Width: 1 m | Bedding 155°/63° W
Type: Chip | Strike Length Exp: | True Width: 40 | Host : Metasedimentary rock
Alteration: mCL, wCY, trKF, wMS, sSI | Metallics: trPY | Secondaries: mGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	34.5	93.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.23	9	0.6	0.0002

Sampled By: RB 05-Aug-06

Weakly mineralized fault rock near location of historical sample with high uranium.

286969 Wernecke

Grid North: UTM 7209298 N | Grid East: UTM 530026 E | Elevation | Sample Width: 30 cm | Vein 332°/40° NE
Type: Chip | Strike Length Exp: | True Width: 20 cm | Host : Quartz vein in metasedimentary rock
Alteration: wCL, sQZ | Metallics: | Secondaries: mHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	0.1	60.5	82.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.27	9	0.57	0.0002

Sampled By: RB 05-Aug-06

Quartz-chlorite veins 10 cm wide in metasedimentary rock near faulted contact with Wernecke Breccia.

286970 Wernecke

Grid North: UTM 7209678 N | Grid East: UTM 530051 E | Elevation 5748 ft | Sample Width: 20 cm | Fault 125°/83° SW
Type: Select | Strike Length Exp: | True Width: 10 cm | Host : Wernecke Breccia
Alteration: wCA, sKF | Metallics: 1%CP, 2%PY | Secondaries: mHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.08	3130	15.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.42	30.7	0.6	0.0006

Sampled By: RB 06-Aug-06

Medium-grained pyrite and chalcopyrite within 5 cm to, and mineralized on a fault plane. Disseminated within Wernecke Breccia and forms slickensides on fault plane. Trace to spotty mineralization across outcrop.

286971 Wernecke

Grid North: UTM 7209462 N | Grid East: UTM 529950 E | Elevation | Sample Width: 60 cm | Fault 202°/71° W
Type: Chip | Strike Length Exp: | True Width: 60 cm | Host : Wernecke Breccia
Alteration: mCL, wKF, sSI | Metallics: | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.09	34.6	67.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.25	39.3	0.74	0.0007

Sampled By: RB 06-Aug-06

Very fractured, silicified and chloritic fault. Scintillometer readings up to 800 CPS in outcrop. North-south strike.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286972 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration: mKF, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7209461	N	UTM 529963	E	Strike Length Exp:	Metallics: 15%BZ	<5	<0.01	37.2	8.8
	Elevation		Sample Width: 75	cm	True Width: 60 cm	Secondaries: wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
	Fault 012°/69°				Host : Potassium feldspar and quartz altered metasedimentary rock		0.03	13.9	1.02	0.0211
Sampled By: RB 06-Aug-06	Scintillometer readings up to 3500 CPS in outcrop. Coarse-grained brannerite carried in discrete shears within an altered laminated siltstone. It is either contained within or on the margin of the breccia.									
286973 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration: wCY, wEP, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7209495	N	UTM 529965	E	Strike Length Exp:	Metallics: 5%BZ	<5	<0.01	14.6	4.6
	Elevation 5703	ft	Sample Width: 1	m	True Width: 0.8 m	Secondaries: wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Bleached and silicified metasedimentary rock megaclast		0.01	6.7	1.03	0.0086
Sampled By: RB 06-Aug-06	Northern exposure of mineralization at this location. May have missed the mineralization or it was pulverized.									
286974 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wCY, wEP, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7209493	N	UTM 529965	E	Strike Length Exp:	Metallics: 2%BZ	<5	0.02	3.9	1.3
	Elevation		Sample Width:		True Width:	Secondaries: wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Metasedimentary rock		0.04	0.8	1.59	0.0519
Sampled By: RB 06-Aug-06	Float of brannerite bearing bleached metasedimentary rock.									
286975 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wCY, wEP, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7209490	N	UTM 529963	E	Strike Length Exp:	Metallics: 2%BZ	<5	0.02	11.9	7.2
	Elevation		Sample Width:		True Width:	Secondaries: wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host :		0.04	2.9	2.42	0.1133
Sampled By: RB 06-Aug-06	Float of sample of brannerite bearing bleached metasedimentary rock.									
286976 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wCY, wEP, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7209540	N	UTM 530010	E	Strike Length Exp:	Metallics: trBZ	<5	0.5	88.2	7
	Elevation		Sample Width:		True Width:	Secondaries: wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Silicified zone in metasedimentary rock		0.16	1.4	0.61	0.0009
Sampled By: RB 06-Aug-06	Coarse-grained brannerite veins to 7 mm wide and 50 mm long.									
286977 Wernecke	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7209228	N	UTM 530104	E	Strike Length Exp:	Metallics: 40%BZ	8	0.09	82	26.1
	Elevation		Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : ? Very burnt brannerite bearing rock		0.39	5.1	14.05	1.4396
Sampled By: RB 06-Aug-06	Found ~20 m from last in situ exposure does not look exactly like previous occurrences.									

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286978 Wernecke

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

UTM 7209835 N | UTM 529677 E | Strike Length Exp: | Metallics: 10%BZ

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

Vein | Host : Sedimentary rock?

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.16	138	13.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.05	6.9	3.82	0.1101

Sampled By: RB 06-Aug-06

Coarse-grained potassium feldspar alteration and brannerite mineralization. Found in float at bottom of outcrop. Could not find in outcrop due to time constraints. Looks vein like.

286979 Wernecke

Grid North: | Grid East: | Type: Chip | Alteration: mCA, mCL, sSI

UTM 7209489 N | UTM 529966 E | Strike Length Exp: | Metallics: 1-2%BZ

Elevation | Sample Width: 6 m | True Width: 6 m | Secondaries:

Fault+Joint 110°/25° S | Host : Metasedimentary rock and silicified fault zone

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	21	9.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.17	15.6	0.83	0.0048

Sampled By: RB 20-Aug-06

Average scintillometer readings across sample width ~600 CPS. Strataform alteration with brannerite mineralization. Zone is approximately 18 m wide.

286980 Wernecke

Grid North: | Grid East: | Type: Chip | Alteration: wCL, sSI

UTM 7209491 N | UTM 529963 E | Strike Length Exp: | Metallics: 1%BZ

Elevation | Sample Width: 5 m | True Width: 5 m | Secondaries:

Fault | Host : Fault-silicified fault zone

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	18	10
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.16	3.5	0.78	0.0121

Sampled By: RB 20-Aug-06

Five meter chip sample across milky white silicified fault zone, basically same as previous sample (286980). Overall massive, some narrow fracture zones with higher scintillometer reading. Chip sample runs from east to west, the last 30 cm were phyllite host rock.

286981 Wernecke

Grid North: | Grid East: | Type: Chip | Alteration: wCA, mCL, s-iSI

UTM 7209487 N | UTM 529962 E | Strike Length Exp: | Metallics:

Elevation | Sample Width: 60 cm | True Width: | Secondaries: trBZ

Host : Meta-siltstone

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	17.8	8.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.07	1.5	0.69	0.0037

Sampled By: RB 20-Aug-06

Zone of fracture sheared massive silicified zone with visible brannerite.

286982 Wernecke

Grid North: | Grid East: | Type: Select | Alteration: sCB, wCL, sSI

UTM 7209483 N | UTM 529962 E | Strike Length Exp: | Metallics: 2%BZ

Elevation | Sample Width: 30 cm | True Width: 30 cm | Secondaries:

Host :

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.23	32.2	4.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.24	6.2	1.39	0.0297

Sampled By: RB 20-Aug-06

Carbonate-chlorite-brannerite alteration zone within silicified fault zone. Visible brannerite. Weathered to a karstic texture.

286983 Wernecke

Grid North: | Grid East: | Type: Select | Alteration: wCA, sCL, s-iSI

UTM 7209488 N | UTM 529969 E | Strike Length Exp: | Metallics: 1-2%BZ

Elevation | Sample Width: 10 cm | True Width: | Secondaries:

Host : Siltstone

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
5	0.21	25	4.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.26	2.2	2.44	0.2242

Sampled By: RB 20-Aug-06

Zone of intense alteration ~30 cm from contact with siltstone contains coarse-grained brannerite.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286984 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCL, sKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211926	N	UTM 527572	E	Strike Length Exp:	Metallics: trBZ	7	0.13	5.6	5.6
	Elevation		Sample Width:		True Width:	Secondaries: w-mHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Metasedimentary rock		1.92	28.6	5.34	0.1534
Sampled By: RB 21-Aug-06	Large boulder of very fractured and foliated metasedimentary rocks intense potassium feldspar alteration. Sample scintillometer reading to 2000 CPS. Prior to sampling boulder had readings up to 5000 CPS and medium-grained brannerite observed.									
286985 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCL, sKF, mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211924	N	UTM 527579	E	Strike Length Exp:	Metallics: 1-3%HS, 5%BZ	18	0.21	13.2	11.3
	Elevation		Sample Width:		True Width:	Secondaries: wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Metasedimentary rock		4.51	47.8	9.28	0.2950
Sampled By: RB 21-Aug-06	Potassium feldspar metasedimentary rock with black fractures composed of chlorite-brannerite-specular hematite.									
286986 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: iKF, mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211929	N	UTM 527572	E	Strike Length Exp:	Metallics: 2%HS, BZ	<5	0.08	8.3	15.9
	Elevation		Sample Width:		True Width:	Secondaries: wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Metasedimentary rock		0.38	68	2.91	0.0720
Sampled By: RB 21-Aug-06	Potassium feldspar altered boulder pervasive moderate disseminated alteration creates purplish color in rock with light pink potassium feldspar veins locally creating a crackle breccia. No brannerite visible.									
286987 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sKF, mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211928	N	UTM 527570	E	Strike Length Exp:	Metallics: 2%HS, BZ	<5	0.08	59.3	17.6
	Elevation		Sample Width:		True Width:	Secondaries: wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Metasedimentary rock		0.2	49	2.44	0.0404
Sampled By: RB 21-Aug-06	Potassium feldspar altered metasedimentary rock with sooty black specular hematite shears.									
286988 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mKF, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211810	N	UTM 527527	E	Strike Length Exp:	Metallics: 2-3%HS	<5	0.06	4.5	1.6
	Elevation		Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Quartzite (?)		0.1	13.4	0.89	0.0282
Sampled By: RB 21-Aug-06	Very silicified boulder with weak pervasive and moderate vein potassium feldspar alteration.									
286989 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sKF, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211815	N	UTM 527513	E	Strike Length Exp:	Metallics: 1%HS, 10%MG	<5	0.03	2.1	2.4
	Elevation		Sample Width:		True Width:	Secondaries: wJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Metasedimentary rock		0.18	23.9	2.32	0.1097
Sampled By: RB 21-Aug-06	Strong, patchy potassium feldspar-siliceous-magnetite alteration. Uranium mineralization consists of fine-grained brannerite, possibly pitchblende									

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286990 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wCL, mKF, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211815	N	UTM 527499	E	Strike Length Exp:	Metallics: 5%HS	<5	0.02	1.6	4.3
	Elevation		Sample Width:		True Width:	Secondaries: wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host :		0.29	16.7	2.52	0.0614
Sampled By: RB 21-Aug-06	Very silicified boulder. This and the previous two samples have been taken from an ~30 m x 20 m area with anomalous uranium values in boulders.									
286991 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sKF, wSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211827	N	UTM 527492	E	Strike Length Exp:	Metallics: 2%BZ	<5	0.04	4.8	6.4
	Elevation		Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Siltstone		0.85	11	8.34	0.2360
Sampled By: RB 21-Aug-06	Coarse-grained brannerite to 1 cm diameter.									
286992 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mKF, mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211817	N	UTM 527498	E	Strike Length Exp:	Metallics: 1%HS	<5	0.03	4.3	1.2
	Elevation		Sample Width:		True Width:	Secondaries: wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Quartzsite/siltstone		0.51	7	2.82	0.0337
Sampled By: RB 21-Aug-06	Siltstone with pervasive moderate silica alteration and patchy moderate potassium feldspar-specular hematite alteration. Relict bedding present.									
286993 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wCL, sKF, mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211751	N	UTM 527523	E	Strike Length Exp:	Metallics: 3%HS	<5	0.04	4.6	8.9
	Elevation		Sample Width:		True Width:	Secondaries: wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Unknown		0.21	64.8	3.17	0.0791
Sampled By: RB 21-Aug-06	Very altered, coarse-grained specular hematite veins with intense potassium feldspar alteration.									
286994 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wCL, sKF, mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211745	N	UTM 527523	E	Strike Length Exp:	Metallics: 2%HS	<5	0.07	1.4	9.4
	Elevation		Sample Width:		True Width:	Secondaries: wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Fine-grained sandstone		0.57	40	5.35	0.1416
Sampled By: RB 21-Aug-06	Patchy potassium feldspar alteration, chlorite on bedding (?) or coarse cleavage planes.									
286995 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: iKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211698	N	UTM 527526	E	Strike Length Exp:	Metallics: 5%HS	<5	0.04	1.6	10.6
	Elevation		Sample Width:		True Width:	Secondaries: wGE, wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : ?		0.28	64.3	2.77	0.1133
Sampled By: RB 21-Aug-06	Strongly potassium feldspar altered. Locally contains medium-grained brannerite and abundant specular hematite blebs. Fragments of silicified mudstone on the margin of the boulder.									

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

286996 Wernecke

Grid North: UTM 7211686 N | Grid East: UTM 527521 E | Elevation | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Silicified shale | Alteration: sKF, sSI | Metallics: trHS | Secondaries: wGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.06	5.5	29.2
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.17	52.7	3.07	0.0590

Sampled By: RB 21-Aug-06

Intensely veined shale. Veins of potassium feldspar 0.5-1 cm wide cut silicified shale. Highest scintillometer response is from the dark red metamict(?) area. No uranium bearing minerals observed.

286997 Wernecke

Grid North: UTM 7211795 N | Grid East: UTM 527538 E | Elevation | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Siltstone - phyllite | Alteration: mKF, mSI | Metallics: 2%HS | Secondaries: wGE, wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.05	3.5	7.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.19	26.5	1.04	0.0296

Sampled By: RB 21-Aug-06

Patchy potassium feldspar alteration coarse-grained specular hematite veins, laminated, cleaved. No visible uranium minerals.

286998 Wernecke

Grid North: UTM 7212428 N | Grid East: UTM 529107 E | Elevation | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Metasedimentary rock | Alteration: mCA, iKF | Metallics: trMG, ?BZ | Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.07	3.1	3.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.07	5.7	1.23	0.0897

Sampled By: RB 23-Aug-06

Brick red, intensely hematite-potassium feldspar altered metasedimentary rock found in float along fault scarp.

286999 Wernecke

Grid North: UTM 7212444 N | Grid East: UTM 529091 E | Elevation | Sample Width: 10 cm | Vein 310°/66° NE | Type: Select | Strike Length Exp: | True Width: 10 cm | Host : Potassium feldspar-calcite metasedimentary rock | Alteration: mCA, iKF, mSI | Metallics: 2%HS | Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.22	4.2	8.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.05	22.5	1.78	0.0873

Sampled By: RB 23-Aug-06

High scintillometer readings of ~1400 CPS associated with two quartz veins filling common fracture orientation. Perhaps weak conjugate fracture is important at 045/54.

287000 Wernecke

Grid North: UTM 7212575 N | Grid East: UTM 527065 E | Elevation | Sample Width: 1 m | Fault 160°/51° SW | Type: Chip | Strike Length Exp: | True Width: 60 cm | Host : Metasedimentary rock | Alteration: sCL, mKF, sSI | Metallics: trCP | Secondaries: wHE, wJA, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
89	0.84	8110	13.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.33	25.4	0.94	0.0027

Sampled By: RB 24-Aug-06

Fault zone with trace, chalcopyrite occurring as 1-2 cm wide pods.

287001 Wernecke

Grid North: UTM 7198350 N | Grid East: UTM 573887 E | Elevation | Sample Width: 25 cm | Vein 090°/90° | Type: Grab | Strike Length Exp: 10+ m | True Width: | Host : Sedimentary rock | Alteration: sCB | Metallics: 1-2%CP | Secondaries: wGE, wJA, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
16	0.22	1190	8.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.46	16.1	1	0.0008

Sampled By: TB 15-Aug-06

Sample of two isolated spots in same vein as 286750 with high scintillometer readings (800 CPS on outcrop)

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

287002 Wernecke

Grid North: UTM 7198545 N | Grid East: UTM 573952 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock
Alteration: sSI | Metallics: 5-7%PY | Secondaries: sGE, sJA, mMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
35	0.34	805	329
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
14.65	179	0.94	0.0005

Sampled By: TB 15-Aug-06

Grab from several talus boulders below cliffs coming from cliffs above.

287003 Wernecke

Grid North: UTM 7199270 N | Grid East: UTM 571841 E | Elevation | Sample Width: 25 cm
Type: Grab | Strike Length Exp: | True Width: 25 cm | Host : Breccia
Alteration: sCB | Metallics: U | Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	<0.01	5.2	2.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.07	40.1	2.49	0.0120

Sampled By: TB 16-Aug-06

Sample small zone in breccia outcrop with high scintillometer reading (1700 CPS on outcrop). Fine calcite stringers.

287004 Wernecke

Grid North: UTM 7199270 N | Grid East: UTM 571838 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Breccia
Alteration: mKF | Metallics: 2-3%HS, U | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.03	189.5	2.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.1	14.2	2.25	0.0097

Sampled By: TB 16-Aug-06

West 3 m of 287003. Sample of more breccia in subcrop with high scintillometer reading (550 CPS in subcrop boulders).

287005 Wernecke

Grid North: UTM 7199258 N | Grid East: UTM 571864 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Breccia
Alteration: wKF | Metallics: 1-2%HS, U | Secondaries: wGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	48.8	9.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.22	35	1.74	0.0164

Sampled By: TB 16-Aug-06

To the east of 287002 about 15 m. Sample of more subcrop with high scintillometer reading (800 CPS at location).

287006 Wernecke

Grid North: UTM 7199132 N | Grid East: UTM 571916 E | Elevation | Sample Width: 50 cm
Type: Grab | Strike Length Exp: | True Width: 50 cm | Host : Breccia
Alteration: sCB, mKF | Metallics: 1-2%CP | Secondaries: sHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
39	0.4	4220	16.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
6.62	87	1.81	0.0013

Sampled By: TB 16-Aug-06

Sample of small (1 x 1 m) zone with disseminated chalcopyrite.

287007 Wernecke

Grid North: UTM 7170227 N | Grid East: UTM 541042 E | Elevation | Sample Width: 15 cm
Type: Grab | Strike Length Exp: | True Width: 15 cm | Host : Sedimentary rock
Alteration: mCB, mMS | Metallics: trCP, 3-5%PY | Secondaries: sGE, sHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
27	1.52	188.5	1050
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
5.78	137.5	3.41	0.0013

Sampled By: TB 17-Aug-06

Sample of small 15 cm wide shear zone with quartz, calcite and pyrite and a trace of chalcopyrite in creek bed outcrop.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

287008 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: sMS	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7170583 N	UTM 541150 E	Strike Length Exp:	Metallics: trCP, 3-5%HS, 1-2%PY	98	0.44	451	131.5
	Elevation	Sample Width: 3 m	True Width: 3 m	Secondaries: sHE, sJA	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Breccia		17.6	385	2.59	0.0003
Sampled By: TB 17-Aug-06	Sample of pyrite and chalcopyrite on breccia-sedimentary rock contact.							
287009 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: sMS, sQZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7170550 N	UTM 541108 E	Strike Length Exp:	Metallics: 7-10%PY	79	0.46	205	792
	Elevation	Sample Width: 25 cm	True Width: 25 cm	Secondaries: sGE, sHE, sJA	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Breccia		18.1	240	3.93	0.0001
Sampled By: TB 17-Aug-06	Sample of small zone of frothy quartz with good pyrite near breccia-sedimentary rock contact.							
287010 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: mCB, sKF	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7170792 N	UTM 540755 E	Strike Length Exp:	Metallics: 1%PY, U	36	0.08	29.3	30
	Elevation	Sample Width: 25 cm	True Width: 25 cm	Secondaries: wHE	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Breccia		1.71	71	1.81	0.0017
Sampled By: TB 17-Aug-06	Sample taken from 1-2 m wide band of breccia within sedimentary rocks. Area with 25 cm radius has a scintillometer reading of 500 CPS on outcrop.							
287011 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: mCB	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7170770 N	UTM 540775 E	Strike Length Exp:	Metallics: 5-7%CP, 3-5%PY	1135	12.95	6.88 %	75.7
	Elevation	Sample Width:	True Width:	Secondaries: sGE, sJA	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Sedimentary rock		22.7	43.1	2.29	0.0004
Sampled By: TB 17-Aug-06	Good chalcopyrite and pyrite taken from float 2 or 3 rocks of this material here.							
287012 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: sQZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7211855 N	UTM 527553 E	Strike Length Exp:	Metallics: 1-2%HS, U	<5	0.03	2.3	9.4
	Elevation	Sample Width:	True Width:	Secondaries:	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Sedimentary rock		0.02	25.2	0.41	0.0011
Sampled By: TB 22-Aug-06	Quartz fractures.							
287013 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: mCL	Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
	UTM 7211861 N	UTM 527551 E	Strike Length Exp:	Metallics: trPY	<5	0.03	1.5	8.3
	Elevation	Sample Width:	True Width:	Secondaries: wJA	Bi (ppm)	Ni (ppm)	Sb (ppm)	U3O8 (%)
			Host : Sedimentary rock		0.05	69.5	0.65	0.0037
Sampled By: TB 22-Aug-06	Glassy quartz on fractures.							

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

287014 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211867	N	UTM 527554	E	Strike Length Exp:	Metallics: 2-3%HS	28	0.06	1.3	2.3
	Elevation		Sample Width:		True Width:	Secondaries: wHE, wJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Sedimentary rock		0.67	6.6	6.09	0.1180
Sampled By: TB 21-Aug-06	Quartz fractures.									
287015 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211879	N	UTM 527564	E	Strike Length Exp:	Metallics: 1-2%HS	<5	0.07	3.5	7.4
	Elevation		Sample Width:		True Width:	Secondaries: wHE, wJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Sedimentary rock		0.07	46.2	1.31	0.0140
Sampled By: TB 21-Aug-06										
287016 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211890	N	UTM 527559	E	Strike Length Exp:	Metallics: 2-3%HS	<5	0.02	6.3	6.6
	Elevation		Sample Width:		True Width:	Secondaries: wJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Sedimentary rock		0.05	22.7	0.44	0.0006
Sampled By: TB 21-Aug-06	Quartz fractures.									
287017 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211899	N	UTM 527566	E	Strike Length Exp:	Metallics: 2-3%HS	<5	0.03	2.7	3.9
	Elevation		Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host :		0.11	20.9	2.39	0.0897
Sampled By: TB 21-Aug-06										
287018 Wernecke	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211925	N	UTM 527573	E	Strike Length Exp:	Metallics: 2-3%HS, 1%PY	20	0.08	998	10.8
	Elevation		Sample Width:		True Width:	Secondaries: wHE, mJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Sedimentary rock		0.71	33.1	4.89	0.0720
Sampled By: TB 21-Aug-06	Quartz stringers.									
287019 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211925	N	UTM 527585	E	Strike Length Exp:	Metallics: 2-3%HS	<5	0.03	2	8
	Elevation		Sample Width:		True Width:	Secondaries: wHE, mJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Sedimentary rock		0.01	52.5	0.47	0.0007
Sampled By: TB 21-Aug-06	Quartz stringers.									

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

287020 Wernecke

Grid North: UTM 7211924 N | Grid East: UTM 527590 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock

Alteration: mKF | Metallics: 2-3%HS | Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.16	6.8	5.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.34	22.3	1.25	0.0033

Sampled By: TB 21-Aug-06

Quartz stringers

287021 Wernecke

Grid North: UTM 7211916 N | Grid East: UTM 527603 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock

Alteration: wKF | Metallics: 5-7%HS | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
79	0.05	3	6.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.6	37.8	3.48	0.0802

Sampled By: TB 21-Aug-06

287022 Wernecke

Grid North: UTM 7211912 N | Grid East: UTM 527614 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock

Alteration: wKF | Metallics: 2-3%HS | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.05	14.2	5.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.58	20.5	4.31	0.0885

Sampled By: TB 21-Aug-06

Quartz and specular hematite stringers.

287023 Wernecke

Grid North: UTM 7211896 N | Grid East: UTM 527609 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock

Alteration: sKF | Metallics: 3-5%HS | Secondaries: mHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	0.02	3.7	3.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.41	23.7	3.05	0.1416

Sampled By: TB 21-Aug-06

Quartz and specular hematite stringers.

287024 Wernecke

Grid North: UTM 7211900 N | Grid East: UTM 527619 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock

Alteration: sKF | Metallics: 3-5%HS | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
411	0.18	3	4.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.19	28.9	12.85	0.3304

Sampled By: TB 21-Aug-06

Specular hematite stringers.

287025 Wernecke

Grid North: UTM 7211885 N | Grid East: UTM 527598 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock

Alteration: sKF | Metallics: 5-7%HS | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.05	8.9	12.6
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.16	95.7	1.94	0.0920

Sampled By: TB 21-Aug-06

Specular hematite stringers.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

287026 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211871	N	UTM 527613	E	Strike Length Exp:	Metallics:	50	0.05	33	13.5
	Elevation		Sample Width:		True Width:	Secondaries: mHE, mJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Sedimentary rock		2.37	17.8	16.8	0.8614
Sampled By: TB 21-Aug-06	Specular hematite and quartz stringers.									
287027 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211874	N	UTM 527634	E	Strike Length Exp:	Metallics: 3-5%HS	9	<0.01	1.9	4.6
	Elevation		Sample Width:		True Width:	Secondaries: mHE, wJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Sedimentary rock		0.26	38.2	5.12	0.2478
Sampled By: TB 21-Aug-06	Quartz and specular hematite stringers.									
287028 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCL, sKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211861	N	UTM 527615	E	Strike Length Exp:	Metallics: 3-5%HS	<5	<0.01	3.1	5.9
	Elevation		Sample Width:		True Width:	Secondaries: wJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Sedimentary rock		0.17	18.2	3.79	0.1180
Sampled By: TB 21-Aug-06	Specular hematite stringers.									
287029 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCL, mKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211843	N	UTM 527629	E	Strike Length Exp:	Metallics: 3-5%HS	7	0.04	2.3	9.2
	Elevation		Sample Width:		True Width:	Secondaries: wJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Sedimentary rock		0.16	50.2	3.16	0.0920
Sampled By: TB 21-Aug-06	Quartz, specular hematite stringers.									
287030 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211899	N	UTM 527529	E	Strike Length Exp:	Metallics: 2-3%HS	<5	0.11	8.7	4.7
	Elevation		Sample Width:		True Width:	Secondaries: wJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Sedimentary rock		1.11	8.1	10.15	0.3776
Sampled By: TB 21-Aug-06	Specular hematite stringers.									
287031 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wCL, mQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7211769	N	UTM 527477	E	Strike Length Exp:	Metallics:	38	0.08	27.3	3.5
	Elevation		Sample Width:		True Width:	Secondaries: wJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Sedimentary rock		1.04	26.3	10.2	0.2242
Sampled By: TB 21-Aug-06	Schistose sedimentary rocks.									

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

287032 Wernecke

Grid North: UTM 7211735 N | Grid East: UTM 527463 E | Elevation | Sample Width: | True Width:

Type: Float | Strike Length Exp: | Host : Sedimentary rock

Alteration: wKF | Metallics: 7-10%MG | Secondaries: mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
45	0.3	432	52.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.19	301	5.4	0.0142

Sampled By: TB 21-Aug-06

Good magnetite in talus.

287033 Wernecke

Grid North: UTM 7211687 N | Grid East: UTM 527458 E | Elevation | Sample Width: | True Width:

Type: Float | Strike Length Exp: | Host : Schist

Alteration: | Metallics: | Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.04	15.5	6.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.19	28.3	8.08	0.2596

Sampled By: TB 21-Aug-06

287034 Wernecke

Grid North: UTM 7212615 N | Grid East: UTM 527323 E | Elevation | Sample Width: | True Width:

Type: Float | Strike Length Exp: | Host : Sedimentary rock

Alteration: sSI | Metallics: 3-5%HS | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.05	3.4	1.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.22	2.6	2.47	0.0873

Sampled By: TB 23-Aug-06

Sample big angular boulder of siliceous sedimentary rock with clots of specular hematite. Bleached out. Vein material(?) with a scintillometer reading of 1600 CPS on rocks.

287035 Wernecke

Grid North: UTM 7209283 N | Grid East: UTM 525551 E | Elevation | Sample Width: 50 cm | True Width: 50 cm | Bedding 030°/60° NW

Type: Grab | Strike Length Exp: 5 m | Host : Sedimentary rock

Alteration: SI | Metallics: 2-3%PY | Secondaries: wGE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
80	1.07	35.8	349
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
2.76	98.4	4.56	0.0004

Sampled By: TB 25-Aug-06

Siliceous bleached sedimentary rocks with pyrite in creek bed outcrop.

287036 Wernecke

Grid North: UTM 7209041 N | Grid East: UTM 525195 E | Elevation | Sample Width: 50 cm | True Width: 50 cm

Type: Grab | Strike Length Exp: 5 m | Host : Sedimentary rock

Alteration: wKF | Metallics: 2-3%HS | Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
9	<0.01	9.4	8.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.06	24.9	1.95	0.0008

Sampled By: TB 25-Aug-06

Slightly elevated scintillometer readings on this outcrop in creek bed (300 CPS).

287037 Wernecke

Grid North: UTM 7213352 N | Grid East: UTM 523834 E | Elevation | Sample Width: 30 cm | True Width: 30 cm | 100°/25° NE

Type: Grab | Strike Length Exp: 2 m | Host : Sedimentary rock

Alteration: sCB | Metallics: 2-3%CP | Secondaries: sGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
41	8.99	2.14 %	191.5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
11.9	78.6	3.95	0.0007

Sampled By: TB 26-Aug-06

Sample of 30 cm wide quartz vein along side of 2 m wide siderite vein.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

287038 Wernecke

Grid North: UTM 7204077 N | Grid East: UTM 558360 E | Elevation | Sample Width: 25 cm | Type: Chip | Strike Length Exp: | True Width: 25 cm | Host : Sedimentary rock | Alteration: mKF | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	61.6	5.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.08	17.7	0.43	0.0253

Sampled By: TB 27-Aug-06

Small zone at base of cliffs just above drop spot with a scintillometer reading of 1200 CPS on outcrop.

287039 Wernecke

Grid North: UTM 7204303 N | Grid East: UTM 558136 E | Elevation | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Sedimentary rock | Alteration: sKF | Metallics: trCP | Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.45	366	1.8
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.12	8.3	1.51	0.0732

Sampled By: TB 27-Aug-06

Sample in muck pile in old trench. Intense potassium feldspar alteration with high CPS. One small (50 cm) pod of potassium feldspar alteration in carbonate altered sedimentary rocks. Looks like they blew it all away. Soil sample 330893 is 15 m away at 170 (azimuth).

287040 Wernecke

Grid North: UTM 7197973 N | Grid East: UTM 539327 E | Elevation | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Breccia | Alteration: sKF | Metallics: 1-2%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	0.05	7.5	5.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.13	73.9	3.61	0.1888

Sampled By: TB 30-Aug-06

Hail float train.

287041 Wernecke

Grid North: UTM 7197968 N | Grid East: UTM 539323 E | Elevation | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Breccia | Alteration: mKF | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
10	0.03	3.3	4.9
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.03	109	1.24	0.0307

Sampled By: TB 30-Aug-06

Hail float train.

287042 Wernecke

Grid North: UTM 7197963 N | Grid East: UTM 539324 E | Elevation | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Breccia | Alteration: sCB, wKF | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
8	0.05	4.9	5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.15	108.5	5.92	0.1888

Sampled By: TB 30-Aug-06

Hail float train. Calcite stringers.

287043 Wernecke

Grid North: UTM 7197966 N | Grid East: UTM 539319 E | Elevation | Sample Width: | Type: Float | Strike Length Exp: | True Width: | Host : Breccia | Alteration: sCB, sCL, mKF | Metallics: 1-2%HS | Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.02	1.7	5.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.02	133.5	1.76	0.0897

Sampled By: TB 30-Aug-06

Hail float train.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

287044 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sCB, sCL, wKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197967	N	UTM 539317	E	Strike Length Exp:	Metallics: 1%HS, trPY	<5	0.06	6.1	3.8
	Elevation		Sample Width:		True Width:	Secondaries: wJA	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Breccia		0.25	55.6	7.27	0.2242
Sampled By: TB 30-Aug-06	Hail float train. Calcite stringers.									
287045 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sCB, sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197968	N	UTM 539314	E	Strike Length Exp:	Metallics: 2-3%HS	<5	0.06	2.4	5.5
	Elevation		Sample Width:		True Width:	Secondaries: wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Breccia		0.21	107.5	6.75	0.1888
Sampled By: TB 30-Aug-06	Hail float train.									
287046 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sCB, sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197965	N	UTM 539306	E	Strike Length Exp:	Metallics: 1-2%HS	8	0.06	4.9	4.9
	Elevation		Sample Width:		True Width:	Secondaries: wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Breccia		0.31	108.5	8.53	0.2478
Sampled By: TB 30-Aug-06	Hail float train.									
287047 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sCB, sCL, wKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197982	N	UTM 539305	E	Strike Length Exp:	Metallics:	6	0.08	6.2	4.9
	Elevation		Sample Width:		True Width:	Secondaries: HE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Breccia		0.22	66.4	3.88	0.1416
Sampled By: TB 30-Aug-06	Hail float train.									
287048 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sCB, sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197981	N	UTM 539298	E	Strike Length Exp:	Metallics:	7	0.07	7.6	3.5
	Elevation		Sample Width:		True Width:	Secondaries: wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Breccia		0.11	96.5	3.76	0.0920
Sampled By: TB 30-Aug-06	Hail float train.									
287049 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCB, mCL, sKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197984	N	UTM 539295	E	Strike Length Exp:	Metallics: 2-3%HS	8	0.07	11.9	3.1
	Elevation		Sample Width:		True Width:	Secondaries: wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Breccia		0.17	28.5	3.11	0.1652
Sampled By: TB 30-Aug-06	Hail float train.									

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

287050 Wernecke

Grid North: UTM 7197987 N | Grid East: UTM 539291 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Breccia
Alteration: mCB, sCL, mKF | Metallics: 1%HS | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
6	0.15	9.6	5
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.27	67.8	6.43	0.2478

Sampled By: TB 30-Aug-06

Hail float train.

287051 Wernecke

Grid North: UTM 7197991 N | Grid East: UTM 539289 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Breccia
Alteration: mCB, sCL, wKF | Metallics: 1%HS | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
12	0.08	4.6	4.4
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.13	92.4	3.37	0.1770

Sampled By: TB 30-Aug-06

Hail float train.

287052 Wernecke

Grid North: UTM 7197989 N | Grid East: UTM 539286 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Breccia
Alteration: sCB, sCL, wKF | Metallics: | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
7	0.06	9.4	4.7
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.27	127.5	8.37	0.2950

Sampled By: TB 30-Aug-06

Hail float train.

287053 Wernecke

Grid North: UTM 7198492 N | Grid East: UTM 537592 E | Elevation | Sample Width: 1 m
Type: Grab | Strike Length Exp: | True Width: 1 m | Host : Sedimentary rock
Alteration: sCB | Metallics: 1%CP | Secondaries: sAZ, sJA, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
<5	0.37	2.13 %	47.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
1.21	57.3	8.77	0.0013

Sampled By: TB 30-Aug-06

Sample of black shale outcrop with good malachite, azurite and minor chalcopyrite. Zone is 5-7 m wide on ridge line.

287101 Wernecke

Grid North: UTM 7197942 N | Grid East: UTM 539299 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host :
Alteration: wKF, sSI | Metallics: trPY | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
91	0.37	127.5	8.3
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.68	4.7	1.51	0.0247

Sampled By: DC 30-Aug-06

Blocky boulder 0.45 x 0.3 x 0.15 m very similar to previous sample 6 m downslope. Fine-grained dark mineral - brannerite.

287102 Wernecke

Grid North: UTM 7197943 N | Grid East: UTM 539293 E | Elevation | Sample Width:
Type: Float | Strike Length Exp: | True Width: | Host : Beige-white felsic
Alteration: mCB, sSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Co (ppm)
46	0.16	22.9	17.1
Bi (ppm)	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
0.44	7	1.15	0.0192

Sampled By: DC 30-Aug-06

Triangular sample 0.5 x 0.4 x 0.3 m and 0.15 m thick talus chunk. Calcite veining - dark in color. Fine-grained brannerite.

Rock Sample Descriptions Wernecke Breccias

Operator: Fronteer Development Group Inc. **Project:** FRG06-01 2006 **NTS:** 106

287103 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197945	N	UTM 539286	E	Strike Length Exp:	Metallics: 5%HS, 2%PY	19	0.01	209	32.7
	Elevation		Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Granular feldspathic breccia		0.89	16.2	3.34	0.0102
Sampled By: DC 30-Aug-06	Boulder 0.3 x 0.2 x 0.15 m in size. Bright orange pink potassium feldspar alteration with specular hematite and hematite on fracture and in rock. Pyrite is fine-grained and disseminated.									
287104 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: sKF, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197940	N	UTM 539284	E	Strike Length Exp:	Metallics: 5%HS, 2%PY	22	<0.01	48.4	47.8
	Elevation		Sample Width:		True Width:	Secondaries: wHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Wernecke Breccia		0.84	19.4	3.17	0.0115
Sampled By: DC 30-Aug-06	Small angular boulder 5 m upslope from previous sample.									
287105 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197967	N	UTM 539291	E	Strike Length Exp:	Metallics: 2%PY	21	0.07	18.5	61.2
	Elevation		Sample Width:		True Width:	Secondaries: sGE, sHE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Breccia		2	110	1.01	0.0017
Sampled By: DC 30-Aug-06	Boulder 0.2 x 0.2 x 0.2m in size.									
287106 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: mCL, wKF, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197976	N	UTM 539286	E	Strike Length Exp:	Metallics: trPY	<5	0.06	3.7	12.4
	Elevation		Sample Width:		True Width:	Secondaries: wGE	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Light grey-green breccia		0.27	101	5.12	0.1298
Sampled By: DC 30-Aug-06	Small tabular 0.15 x 0.5 x 0.1 m boulder. Weak fabric in sample.									
287107 Wernecke	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Co (ppm)**
	UTM 7197980	N	UTM 539281	E	Strike Length Exp:	Metallics:	<5	0.01	7.1	70.9
	Elevation		Sample Width:		True Width:	Secondaries:	**Bi (ppm)**	**Ni (ppm)**	**Sb (ppm)**	**U3O8 (%)**
					Host : Light green-grey heterolithic breccia		0.95	38	1.06	0.0003
Sampled By: DC 30-Aug-06	Talus chunk 0.35 x 0.15 x 0.1 m in size. Huge boulder 4 m down slope to the southeast with off the scale scintillometer readings.									

Appendix E: Airborne Geophysical Survey

FRONTEER DEVELOPMENT GROUP INC

Final Report
Acquisition & Processing

Air-FTG® Survey

Wernecke Mountains Project
Yukon Territory, Canada

August- November 2006

By

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TABLE OF CONTENTS

INTRODUCTION

For the past six years Bell Geospace has been acquiring airborne full tensor gravity gradiometry (Air-FTG®) data in Africa, New Zealand, Australia, North America, South America, and Europe. This report summarizes the results of Air-FTG® data acquired over Wernecke Mountain Breccia property belonging to Fronteer Development Group Inc, in the Wernecke Mountains area of Yukon Territory, Canada. The survey project consists of one block of approximately 7,819 line kilometers. To date 4184 line kilometers of acquisition has been completed, this is equivalent to 53.5 percent of the total survey area. The survey was terminated prior to its final completion due to increasingly bad weather conditions in the region.

The main body of this report provides general information on Air-FTG® and the Wernecke Mountain Breccia survey that is being conducted by Bell Geospace, Inc, for Fronteer Development Group Inc. Appendices 1, 2, 3, and 4 give a general overview of the processing procedures and products for Air-FTG® data. Thereafter, the report contains an addendum with details information for the survey.

THE SURVEY AREA

The insert in figure1 show the general location of the survey areas. The survey area lies between latitudes 64° 30´ N and 65° 20´ N and longitudes -135° 00´ W and -133° 00´ W.

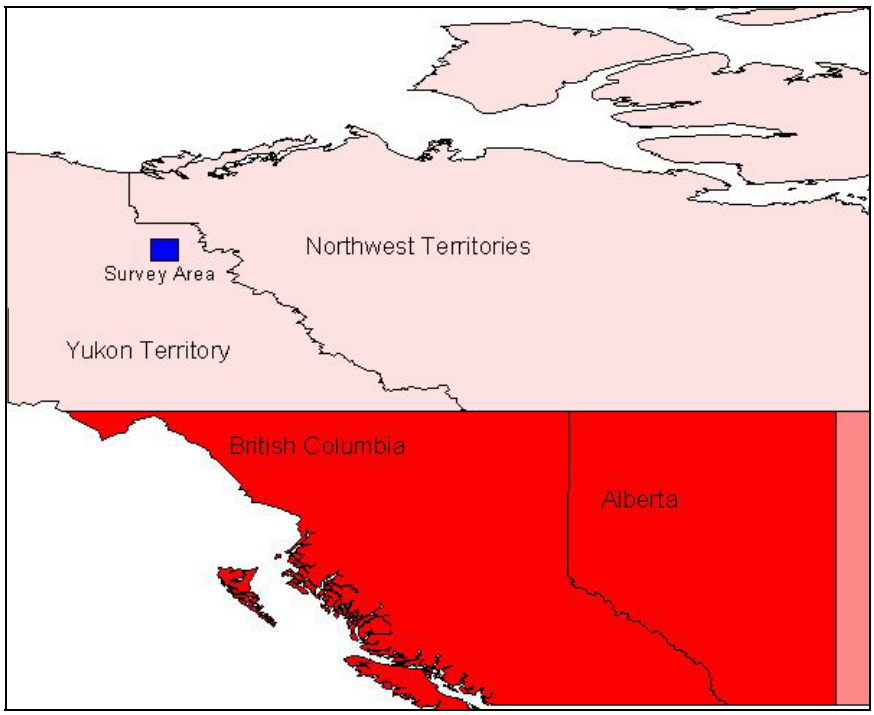


Figure 1. The map of Yukon Territory showing the approximate location of the survey area.

EQUIPMENT DESCRIPTIONS

THE FULL TENSOR GRADIOMETER (FTG)

The Full Tensor Gradiometry (FTG) system is a high precision, high-resolution, multiple accelerometer, rotating platform that measures the gradient of the gravity field. The FTG system contains three Gravity Gradient Instruments (GGIs) each consisting of two opposing pairs of accelerometers arranged on a disc.

The FTG system used by Bell Geospace (see Figure 2) is one of the few operational FTGs available for a moving vehicle. The gradiometer is installed in the aircraft along with all the required support equipment including the control electronics, computers, monitors, printers, air conditioning and other peripheral devices needed to support FTG data acquisition. The FTG is contained in an airtight case while in operation. The case is approximately 1 cubic meter and weighs 227 kg with the GGIs installed. The electronics cabinet is approximately the same size and weighs 160 kg. The case provides a temperature, pressure, and humidity controlled environment for the FTG during data acquisition.

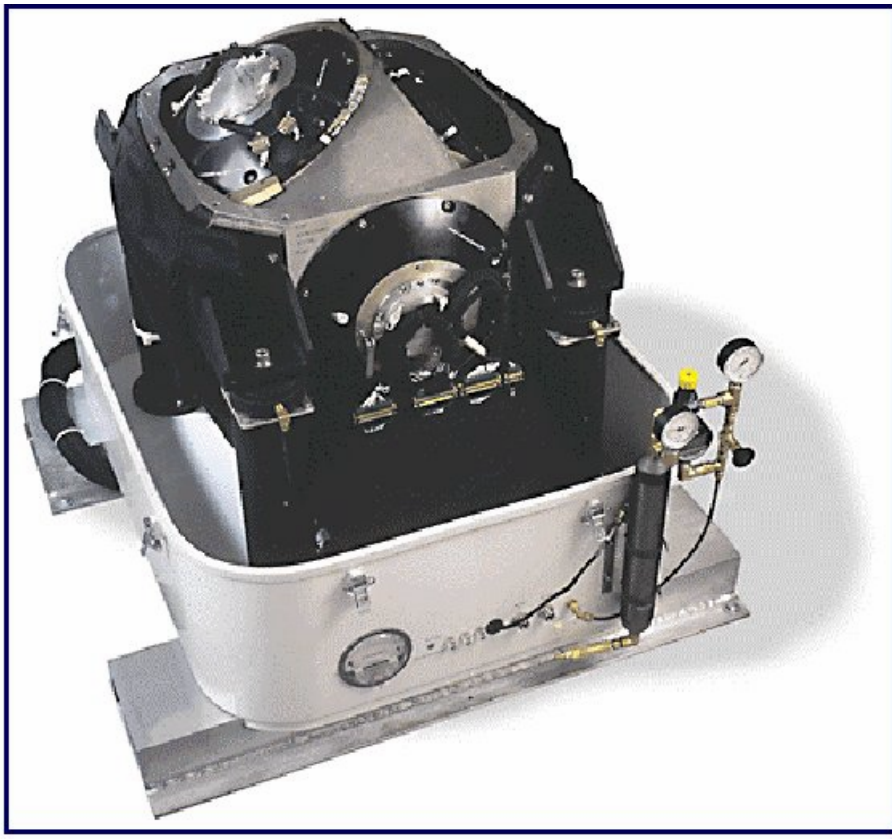


Figure 2. Bell Geospace's FTG-01 marine instrument prior to airborne conversion; support equipment not shown.

MAGNETOMETER

One Geometrics cesium vapour high sensitivity magnetometer was used. The magnetometer was mounted within the "tail stinger". The following table describes the technical characteristics of the airborne magnetometers:

Manufacturer	Geometrics
Type and Model	Cesium vapour G-822A
Ambiant Range (nT)	20 000 - 100 000
Sensitivity (nT)	± 0.0005
Absolute Accuracy	< 3 nT
Noise Enveloppe (nT)	0.01
Sampling Rate (Hz)	0.1
Sampling Interval	9 m at typical survey speed
Heading Error	± 0.15nT

An RMS AARC500 Adaptive Aeromagnetic Real-Time Compensator was used to correct the magnetic response from the aircraft for changes in flight attitude (i.e. Pitch, Roll and Yaw). The system includes Tri-Axial fluxgate magnetometer installed in the stinger to monitor the aircraft's orientation within the earth's magnetic field and the compensator digitally corrects the input magnetic signal from the airborne magnetometer. The technical specifications of the compensator are given in the following table:

Manufacturer	RMS
Resolution	0.032 pT
Absolute Accuracy	± 10 nT
Noise Level	0.1 pT
Range	20,000 – 100,000 nT
Sampling	160Hz
Standard F.O.M.	<1.5 nT

GRADIENT DATA ACQUISTION

Gradiometry data is initially acquired in an internal coordinate system that is referenced to the axes of the three GGIs that are the primary measurement components of the FTG. This data is later transformed into a left handed coordinate system with x and y in the plane of the earth's surface and z perpendicular to that plane but pointed down into the earth.

Prior to acquisition, a self-calibration procedure is performed with the aircraft on the ground. This creates a table of calibration factors that will be used during data processing to remove the gradient effects of the variations in pitch, roll, and yaw experienced by the aircraft in flight. Data is acquired continuously throughout the flight, usually at ground speeds of around 215 km/h. The system generates approximately 400 megabytes of data per hour including the navigation data

and data on the plane's accelerations. The data is stored on a computer hard drive and backed up to AIT tape cartridges. Two sets of backup tapes are made which are sent to Bell Geospace's processing office in separate shipments. One set is used for final processing and engineering analysis while the other is stored offsite as backup.

OPERATIONS

The gradiometry data is collected with Bell Geospace's FTG installed on a Cessna Grand Caravan C-GSKT (Figure 3). The FTG is installed in the main cabin as near as possible to the center of pitch, roll and yaw of the plane. Both GPS and DGPS systems are used for positioning with latitude and longitude coordinates acquired on the WGS-84 ellipsoid. During processing the data is locally projected in x and y in the appropriate Universal Transverse Mercator (UTM) zone.

A radar altimeter system is deployed to measure the distance between the airplane and the ground. Along with the plane's altitude acquired via GPS, radar altimetry data can be used to produce a digital elevation model (DEM) which may be useful in terrain correction applications.

Figure 3. Cessna Grand Caravan C-GSKT.

GLOBAL POSITIONING SYSTEM (GPS) AND ONBOARD NAVIGATION SYSTEM

The Global Positioning System consists of a constellation of 24 active satellites orbiting the earth. Each satellite has a period of approximately 12 hours and an altitude of approximately 20,000 km. Each satellite contains a very accurate cesium clock that is synchronized to a common clock by the ground control stations operated by the U.S. Air Force.

Each satellite transmits individually coded radio signals that are received by the user's GPS receiver. Along with timing information, each satellite transmits ephemeredes (astronomical almanac or table) information that enables the receiver to compute the satellite's precise spatial position. The receiver decodes the timing signals from the satellites in view (4 satellites or more for a 3-dimensional fix) and, knowing their respective locations from the ephemeredes information, the GPS system computes a latitude, longitude, and altitude for the user.

A Novatel Propak OEM4 airborne differential GPS Systems (dual-frequency) was used on the aircraft. It provides an accuracy of ±5 meters and positions were real-time differentially corrected with the Omni-Star system. The GPS systems were used in conjunction with a PNAV-2001 Navigation System. The main features of this system are:

- Real-time graphical and numerical display of flight path with survey-area and grid-line overlay
- Distance-from-line and distance-to-go indicators
- Operation in survey-grid or waypoint navigation mode
- Recording of raw range-data for all satellites from both the aircraft-borne and base-station GPS receivers, for post-flight refinement of GPS position

FTG ONBOARD QUALITY CONTROL

Accelerations measured by the instrument during data acquisition are closely monitored along with many other indicators of instrument performance. On the main FTG screen, the operators visually inspect the inline sums and cross gradients, position and temperature of the gyros, GGI case and block temperatures and the north, east, and vertical accelerations. Any variances beyond the norm are closely watched and if an error is detected the acquisition is interrupted and appropriate action is taken. Duplicate sets of spares are available in case of suspected hardware failure. Many other factors are also monitored that will help alert the operator to any unusual performance of the FTG. These include strip charts, coefficient tables and onsite offline analysis of the data. In addition to the onboard QC checks, final survey data is sent to a Bell Geospace processing office electronically for preliminary processing. Any substandard data will be identified by cross tie analysis and other methods. As soon as the source of the data degradation is identified and corrected, the suspect line(s) are re-acquired and again transmitted into the office for approval before the aircraft leaves the survey area.

FTG DATA PROCESSING

The acquired FTG survey undergoes a series of processing steps to obtain the final measured gravity gradient data used for interpretation. Specific processing methods may vary slightly depending upon survey layout, weather conditions, and other factors affecting the data. A generalized FTG data processing schematic is provided in Appendix 1.

HIGH RATE POST MISSION COMPENSATION

Raw data recorded by the instrument consists of two signals from each of three **G**ravity **G**radient **I**nstruments (GGI), these being referred to as the Cross and Inline signals. The three sets of signal data are run through proprietary software referred to as **H**igh-**R**ate **P**ost **M**ission **C**ompensation (HRPMC). This step operates on the most highly sampled data, using the gyro outputs at 1024 hertz and GGI outputs at 128 hertz. HRPMC compensates the data for most of the physical conditions during signal acquisition. This includes corrections for the gradients of the aircraft and the gradients of the instrument itself. Files monitoring GGI platform status are logged in real time and used to create tables of coefficients that are used later to help correct the data. A series of complex algorithms within the program use these files to generate coefficients for each 2 hour segment of acquisition. These coefficients are then used to calculate corrections for aircraft motion and position relative to the instrument during the entire survey. Another set of corrections is made to remove gradients due to the centripetal accelerations that result from the rotation of each of the three GGIs.

Upon completion of HRPMC, the data are subject to another step referred to as SAR, which **s**trips out the necessary elements, **a**verages the values and **r**eformats it into a 24-column binary file. The averaging process in SAR allows the processor to choose the data sample rate for all subsequent processing and final data. The final sample rate is currently limited to 1 second or greater. The SAR files are comprised of daily blocks of data and are combined to create one file containing all the data for the entire survey. Since FTG data is recorded continuously, this file also contains data recorded during traverses, turns, and on lines that were later re-acquired for various reasons. The data recorded in these instances are removed from the data file before final processing.

It is during the SAR procedure that navigation and aircraft attitude data are merged with the gradient data. Gravity is also merged in at this point if applicable.

TERRAIN CORRECTION METHOD

The terrain corrections are computed with a 3-D prism based modelling package. The program uses grids and prisms to compute the gravity effect of each defined layer. The computation assumes a density of 1.0 gm/cc and calculates the gravity response of a model that represents the mass of the Earth between the terrain surface and the ellipsoid. The result of the computation is a terrain correction for each tensor component that can be subtracted from the measured data. This produces a set of tensor components that contain primarily the gravitational effects of the sub-surface geology only. This correction can be easily scaled to any density desired and applied using the following channels and formula:

Tzz_TC_267_MCP = Tzz_FA_MCP – 2.67*TC_Tzz_100_MCP

where

Tzz_TC_267_MCP is the De-noised terrain corrected Tzz component at a density of 2.67 gm/cc

Tzz_FA_MCP is the De-noised levelled Free Air Tzz component

TC_Tzz_100_MCP is the De-noised terrain correction factor for Tzz at a density of 1.00 gm/cc

Similar equations hold for the other components.

FTG-SPECIFIC LINE CORRECTIONS

The next process is another proprietary method referred to as FTG-Specific Line Correction. This step calculates the tensor components from the measured inline and cross data sets and removes bulk low frequency errors through time based line levelling and correlated GGI output. This process assumes that there is no correlation between the error we want to remove and the signal that we want to keep.

The DGPS provides highly accurate aircraft position, heading, and speed measurements. The exact position of each GGI relative to the umbrella frame is provided from the servomotors that induce the rotations, and from the gyros on the stabilized platform. From this information the measured accelerations in the inline and cross signals from each GGI can be converted to directional gradients and provides the tensor elements Txx, Txy, Txz, Tyy, Tyz and Tzz. In this survey the carousel was not rotating so only the rotation of the GGI's must be compensated for. The carousel rotation rate is normally 360 degrees per hour, so due to the short lines in this survey a complete rotation would not occur while online and would not assist in noise compensation. Feed back from the gyros and GPS data allows the servomotors to keep each GGI in the same horizontal and vertical orientation relative to the ground throughout the survey.

The FTG data record is synchronized and time stamped with the GMT time at one second intervals. The differentially corrected GPS data is also GMT time stamped. Based on a match in GMT time, the umbrella frame coordinates in the FTG data are replaced with real world coordinates in the WGS-84 ellipsoid. Coordinates in other ellipsoids, datum's and various projection methods can be produced later in the processing as requested by the client.

The GGI drift poses a special problem because it is not linear, so traditional line levelling techniques are inadequate to correct for this error, and, since GGI drift is time dependent, levelling must occur in the time domain. Because of the nature of gradient data and the Laplace equation (Txx +Tyy +Tzz = 0), complicated levelling procedures must be used to keep all components levelled both to themselves and to each of the other components so that this relationship is honored during correction. This process is generally executed as follows:

First, the data on the turns and traverses outside the survey area are deleted. Secondly, time-varying heading and roll corrections are applied. Using the position and attitude of the aircraft

relative to the carousel, line groups with the same heading and carousel angle are used to compute corrections that are linear over small sections of lines.

After this procedure, the data is free of DC shift and most of the low frequency error and can be mapped with a very little line error.

FINAL LINE LEVELLING

After the data is FTG levelled and bulk corrected, some small misties at intersections still remain due to random noise content and non-specific linear errors. At this point a more traditional approach to line levelling can be taken to produce final data suitable for mapping. To best evaluate the remaining misties and noise, a Butterworth filter usually between 0.5 and 1 kilometer in length is applied and misties are calculated at every intersection. The misties in the filtered data are analyzed on a line-by-line basis. Each component is shown in profile form with intersection mistie information from crossing lines displayed as well. In most cases the largest misties are due to a noise spike on a line near an intersection or from remnant effects from turning on to or off of a line. Usually spikes occur over very few data points but still may affect the filtered trace enough to introduce a mistie. The erroneous unfiltered data is either interpolated across or manually edited for a better fit with the intersecting lines. After each component has been edited by this method on every line, the filter is reapplied and misties are calculated and analyzed again. This procedure is repeated until all detrimental errors are removed. After a thorough edit, the data can be levelled by the application of low order polynomials or a tensioned spline.

The adjustments calculated from the filtered trace are also applied to the unfiltered data. This process is completed in several passes, each time re-calculating misties, and applying a successively higher order fit to the data until the misties are very near zero, and well within the noise envelope.

After each polynomial adjustment, the data is gridded and mapped as an additional quality control to aid in mistie evaluation. Intersections that cannot be tied with the polynomial fit are re-examined in profile and map form to determine which line best fits the shape of the surrounding data and is then manually adjusted as necessary. This procedure finally produces mistie adjusted, unfiltered data. The unfiltered data can then be mapped without any apparent line oriented error. The Tzz is recalculated from the levelled Txx and Tyy to preserve the Laplace relationship.

Although this dataset produces quite reasonable maps, additional improvements can sometimes be achieved through Micro-levelling. This is a process in which tie lines are excluded, and only the correlation between parallel lines is analysed. The user can specify various filter lengths, tolerances, and other parameters to fine-tune the process to better address the characteristics of the non-correlateable frequencies. This process attempts to remove or reduce various frequencies in each line that are not present in neighbouring lines. This includes high frequency noise and lower frequency errors between intersections that cannot be removed in the tie line based adjustments. All filtering, levelling and mapping is done in Geosoft's Oasis Montaj data analysis package.

FULL TENSOR DATA ENHANCEMENT – Multi-Channel Processing

The nature of the Full Tensor Gradiometer allows for some distinct advantages in noise reduction. The FTG records five independent measurements of the geology from different perspectives. These measurements are related by the fact that they are recording data from the same source. If a signal in one tensor is not supported in the other tensors, that signal is removed from the data. This process produces a greatly improved dataset with a much better signal to noise ratio. The final tensor products contain very little erroneous noise and allows for high confidence in the mapped anomalies throughout the frequency range.

MAGNETIC DATA PROCESSING

The Magnetic data acquired onboard the aircraft must undergo several corrections particular to Airborne Magnetic surveys.

Heading Correction

Heading corrections are computed prior to the survey to allow for the removal of the magnetic field generated by the aircraft. This is done by flying lines in cardinal directions (North-South-East-West) over a common point. The averaged value at that point is the true magnetic reading, and the differences between the average value and the value recorded on each cardinal line is used to determine the heading correction. The tables generated from this exercise are used to remove the aircraft's effect during the survey.

Lag Correction

A correction is necessary to account for the distance from the GPS receiver to the magnetic sensor in the tail stinger. This is called the Lag correction. The magnetometer sensor was 39 feet behind the GPS receiver. The exact amount of lag will vary with aircraft speed, but in this case a 4 fiducial lag was applied and seemed to produce the best fit.

Earth's Field Removal

To better isolate local anomalies, the earth's Magnetic Field is removed from the survey data. In this area the Earth's Field is generally a slope of about 80 nT, dipping generally Northward. The Earth's Field was computed using Geosoft's Oasis Montage. The IGRF Tables from year 2000 were extrapolated to the time and date of the survey.

Reduction to the Magnetic Pole

The corrected, levelled data is finally reduced to the magnetic pole. This process approximates the magnetic anomaly as it would occur directly over the causative body. This is useful for interpretation because it aligns the magnetic response with the vertical gravity gradient response (Tzz). The procedure was also performed within Geosoft's Oasis Montage using a Declination of -11.3 Degrees and an Inclination of -38.8 Degrees. These are the mean values for the entire survey area.

COMMENTS

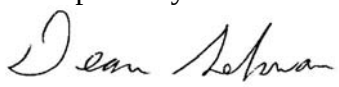
Bell Geospace continuously fine-tunes the acquisition and processing parameters for Air-FTG® data. The process described here produces valuable and dependable data that is suitable for its intended purposes. As we progress it is important to note that many procedures described herein continue to improve as we continue to learn more about the performance of the instrument in dynamic airborne environments. Air-FTG® data can consistently detect shallow bodies spanning 300 meters or less, with amplitudes repeatedly and accurately measured less than 10 Eötvös. Third party analyses have recently put resolution at 4.7 to 7 Eötvös. As we further refine processing and acquisition methods, even higher resolution will be achieved

FINAL MAPS AND DIGITAL DATA

The final step in the data processing is the application of gridding and contouring to the flight line data. Typically a minimum curvature grid with an increment on the order of 1/3 to 1/2 the closest line spacing is used, or a spacing that reflects the along line sampling rate. Air-FTG® gradient component maps are contoured at an appropriate interval and displayed using a colour filled shaded relief grid. Measured free air and terrain corrected maps for each of the six-tensor components are provided. Measured component Tzz is best compared to ground gravity if available i.e., a computed 1st vertical derivative upward continued (to flying height) Tzz as derived from ground gravity. Computed gravity, the result of vertical integration of the measured free air Tzz component, can be produced and made available for comparison and reference purposes. Page sized free air maps (jpeg format) of the final data are provided separately on a CD-ROM.

The final digital flight line data are provided on CD-ROM in a Geosoft Oasis database and also in Geosoft grid format. Measured Free air and terrain corrected tensors components are included along with the terrain correction at 1.00 gm/cc to facilitate re-computation at various densities.

Prepared by:



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ITAR Export Restrictions

This data is covered by the United States Munitions list (USML) 22.CFR121.1 and the export of the data must be licensed by the office of Defense Trade Controls (ODTC) U.S. Department of State, prior to export from the United States or to a foreign person within the United States. It is the responsibility of the exporter to assure that the export is properly licensed and documented.

Appendix 1: Background Information on Tensors

Gradiometer data differs in many aspects from conventional high-resolution gravity data. One important difference is in bandwidth which is 500m or less for gradient data versus 3,000m for conventional gravity. The greatly increased bandwidth allows the retention of the short wavelength signal generated by shallow to intermediate geologic features which are not retained in gravity data. The increased sensitivity allows for much greater resolution and is the reason gradiometer data can be successfully incorporated into the subsequent interpretation at a prospect level.

Just as the gradient of a scalar field such as gravitational potential, is a 3 x 1 matrix of numbers commonly called a vector, the gradient of a vector field is a 3 x 3 matrix of numbers commonly called a tensor. Each element of the tensor is the rate of change of one of the components of the vector in one of the coordinate directions. Thus, when T is a scalar field,

grad T = $[\partial T/\partial x \;\; \partial T/\partial y \;\; \partial T/\partial z]$ or [Tx Ty Tz]

Then, grad(grad T) = $\begin{bmatrix} Txx & Tyx & Tzx \\ Txy & Tyy & Tzy \\ Txz & Tyz & Tzz \end{bmatrix}$

In the expressions above, Tx, Ty, and Tz represent the familiar acceleration of gravity in the three coordinate directions. Txx, Tyx, … represent the rate of change of each component of gravity as one's position changes in the three coordinate directions.

For a potential field, the sum of the diagonal components is zero, i.e., Txx+Tyy+Tzz = 0. This is the definition of a potential field and is the famous Laplace's Equation. Perhaps as importantly, one can show that the matrix is symmetry about this diagonal, so Tyx = Txy, Tyz = Tzy, and Txz = Tzx. As a consequence, of these two facts, only five components of the gradient tensor are independent. For example, if one knows Txx, Tyy, Txz, Txz, and Tyz, the remaining four components are uniquely determined by the relationships give above.

Each of the gravity gradient tensor components responds uniquely to the size, shape and thickness of density anomalies, providing extensive constraint during the interpretation process. All 5 independent tensors are used in the interpretation process to determine the center of mass (Txz and Tyz), edges (Tyy and Txx) and corners (Txy) of the anomaly. The expression of Tzz (the vertical component) more closely resembles the conventional gravity in that the anomaly is shown in the correct position spatially and is thus more easily related to sub-surface geology.

For more information, please see Potential Theory in Gravity & Magnetic Applications by Richard J. Blakely (Cambridge University Press, 1996).

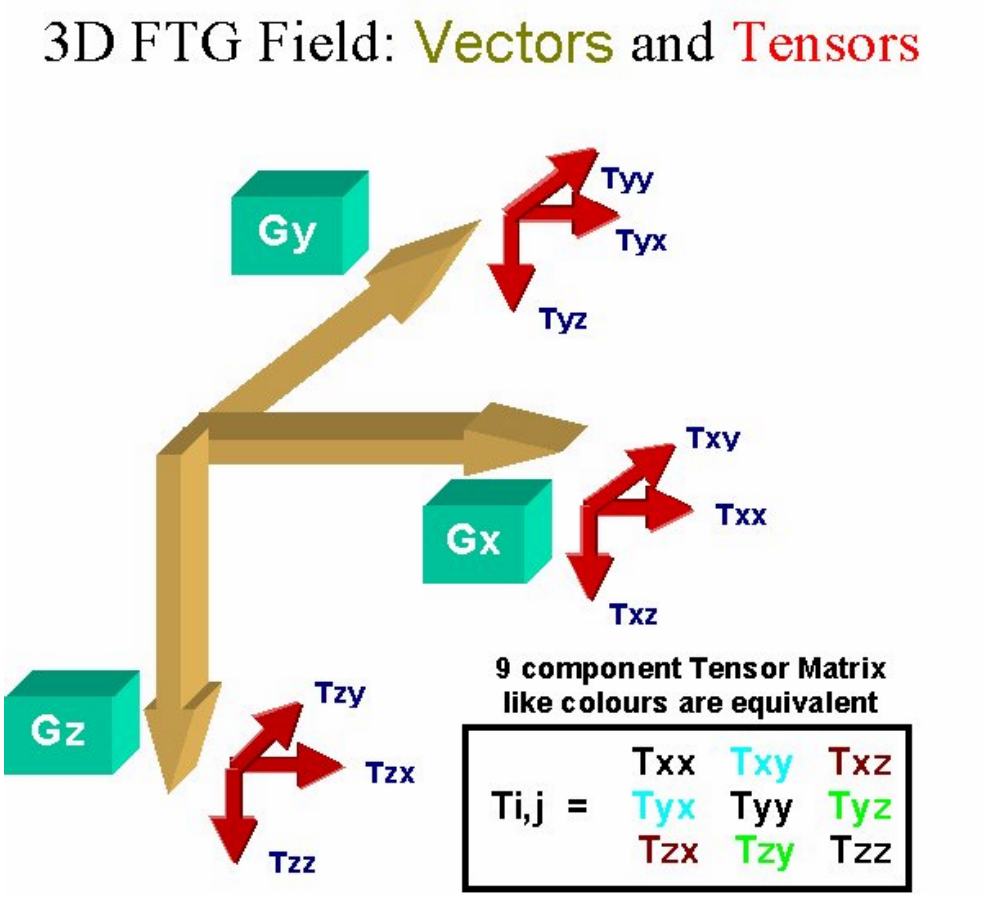


Figure 1.1: Vector and Tensor relationships of the measured gradient data

Appendix 2: FTG Data Processing

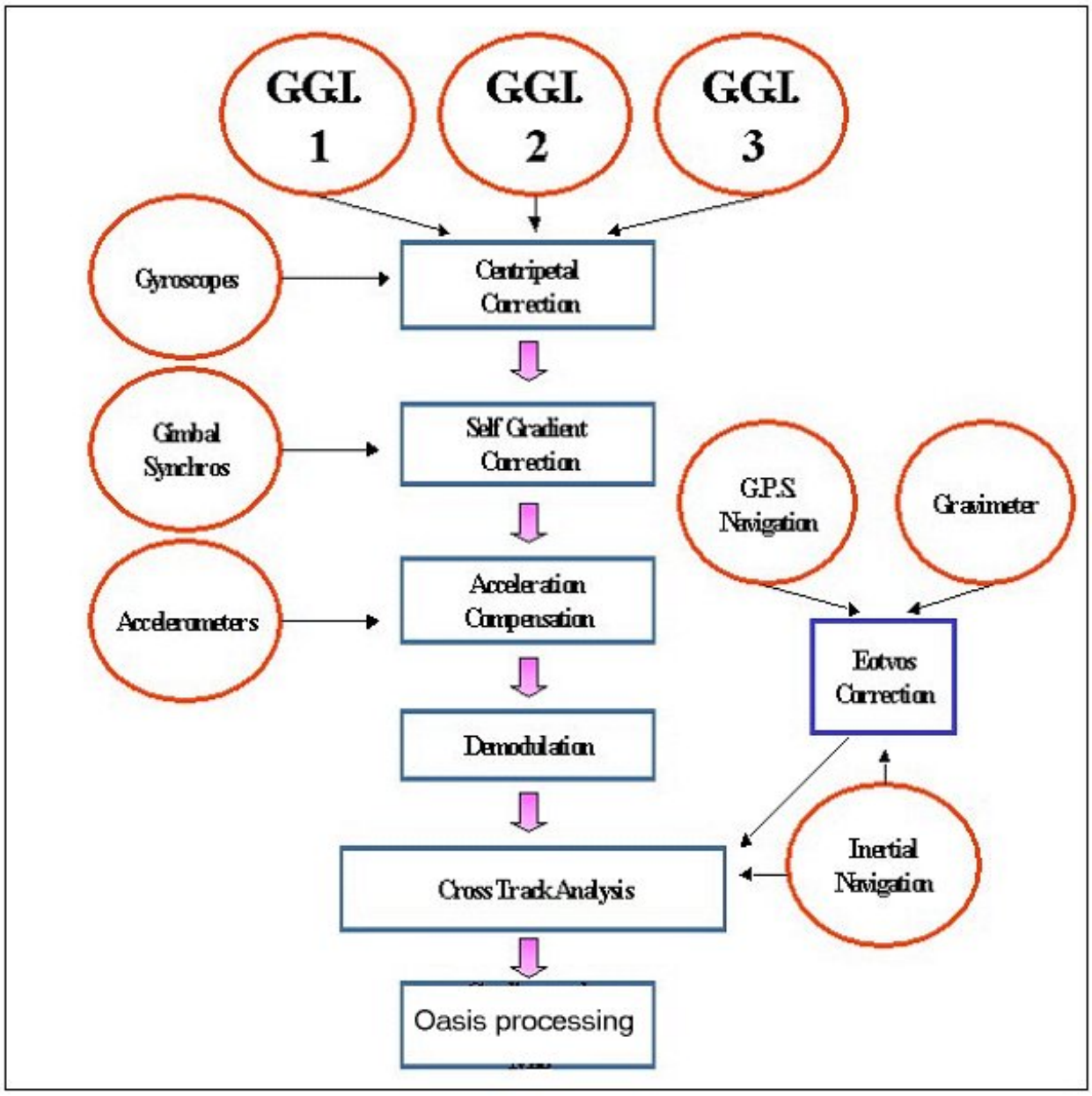


Figure 2.1: A Schematic diagram showing different stages of FTG Data Processing

The box "Oasis processing" consists of several steps that may be summarized as

- Basic Low Rate compensation,
- Removal of high amplitude variation flight line data/poor S/N data;

- Line levelling or network adjustment within Oasis, and
- Terrain correction with density = 2.67 g/cc

Appendix 3. Contents of the Distribution CD

The digital data produced by the surveys is distributed in the form of a Geosoft Oasis database and several maps of the pertinent channels in that database.

Products for each survey reside in separate directories on the CD. The flight line data resides in an Oasis database. Each database channel is described in Appendix 4. Maps of the flight lines, the terrain, and each of the free air and terrain corrected channels are included here. Final products for the Magnetics are also included. All final data is provided in Geosoft Grid format and also as geo-referenced image files (GeoTif).

As an example, the data for the Wernecke survey resides in various directories on the CD and contains the following files. All other data files are named similarly to these examples.

Description	**File Name**
Flight Line Tensor Data	Air_FTG_MCP_Wernecke.gdb
Flight Line Magnetic Data	Wernecke_Air_Mag.gdb
Flight Lines Map	Flight_Lines.tif
Terrain Map	Terrain.tif
De-noised Free Air Tzz Map	Tzz_FA_MCP.tif
De-noised Terrain Corrected Tzz Map	Tzz_TC_267_MCP.tif
De-noised Terrain Corrected Tzz Grid	Tzz_TC_267_MCP.grd
Total Magnetic Intensity Map	TMI.tif
Total Magnetic Intensity, Reduced to the Pole Map	TMI_RTP.tif
First vertical derivative of Total Magnetic Intensity, Reduced to the Pole	TMI_RTP_FVD.tif

Notes: Terrain Corrected Data is provided at density 2.67 gm/cc, however a suitable density correction appropriate for the survey area will be selected based on the geological knowledge of the area

Appendix 4: Oasis Database Channel Descriptions

The primary format for final digital FTG data is points at one second sample interval along the flight lines in a Geosoft Oasis database. The final database containing the magnetics is sampled at 0.1 second. The label for each of the data channels is tabulated below. While descriptive, they are somewhat abbreviated. For display purposes, both the free air and terrain corrected gradient components are gridded and displayed in Geosoft Oasis map form, as are the final magnetic products.

Following is a list of channel names and a short description of the channel contents. Not all channel names are listed, but the contents of those not listed here can be inferred from the examples given.

FTG Data – Wernecke_Air_FTG.gdb

Channel Name	Description
YYMMDD	Date of acquisition
HHMMSS	Time of acquisition
Lat	Latitude in WGS84
Lon	Longitude in WGS84
X	Easting in Meters, UTM Zone 8 North
Y	Northing in Meters, UTM Zone 8 North
Altitude	GPS Altitude
RA_Alt	Altitude measured by the radar altimeter
CDEDTerrain	Terrain Model from Canadian Digital Elevation Data

De-noised (MCP), leveled Free Air components

Txx_FA_MCP

Tyx_FA_MCP

Txz_FA_MCP

Tyy_FA_MCP

Tyz_FA_MCP

Tzz_FA_MCP

De-noised (MCP), terrain correction factors at a density of 1.00 gm/cc

TC _Txx_100_MCP

TC _Tyx_100_MCP

TC _Txz_100_MCP

TC _Tyy_100_MCP

TC _Tyz_100_MCP

TC _Tzz_100_MCP

De-noised (MCP), leveled components with terrain correction at a density of 2.67 gm/cc

Txx_TC_267_MCP

Tyx_TC_267_MCP

Txz_TC_267_MCP

Tyy_TC_267_MCP

Tyz_TC_267_MCP

Tzz_TC_267_MCP

Magnetic Data – Wernecke_Air_Mag.gdb

Channel Name	Description
YYMMDD	Date of acquisition
HHMMSS	Time of acquisition
Time	GPS Seconds
Lat	Latitude in WGS84
Lon	Longitude in WGS84
X	Easting in Meters, UTM Zone 8 North
Y	Northing in Meters, UTM Zone 8 North
RA_Alt	Radar Altimeter Altitude
EarthsField	Earth's Magnetic Field
Diff4	Fourth Difference
Inc	Inclination

Dec	Declination
TFc	Total Field
TMI	Final Corrected and levelled Total Field
TMI_RTP	Final Corrected and levelled Total Field reduced to the magnetic pole
TMI_RTP_FVD	First Vertical Derivative of the above

The information contained in this report is for the use of Bell Geospace and Fronteer Development Group Inc., or their authorized personnel only and in accordance with ITAR restrictions as stated in the main body of this report.

All information contained herein is by all intent a true and accurate representation of the facts and results as they pertain to this Air-FTG® survey.

Addendum A: Wenerke Mountain Breccia Property

The Wernecke Mountain property is located in the Wenercke Mountain area, north of Yukon territory figure A1. The survey area lies between latitudes 64° 30′N and 65° 20′N and longitudes –135° 00′W and –133° 00′W. An Air-FTG® survey was flown over this prospect from August 21, 2006, through November 14, 2006, covering a total of 4184 linear km, encompassing an area of approximately 400 $km^{2.}$

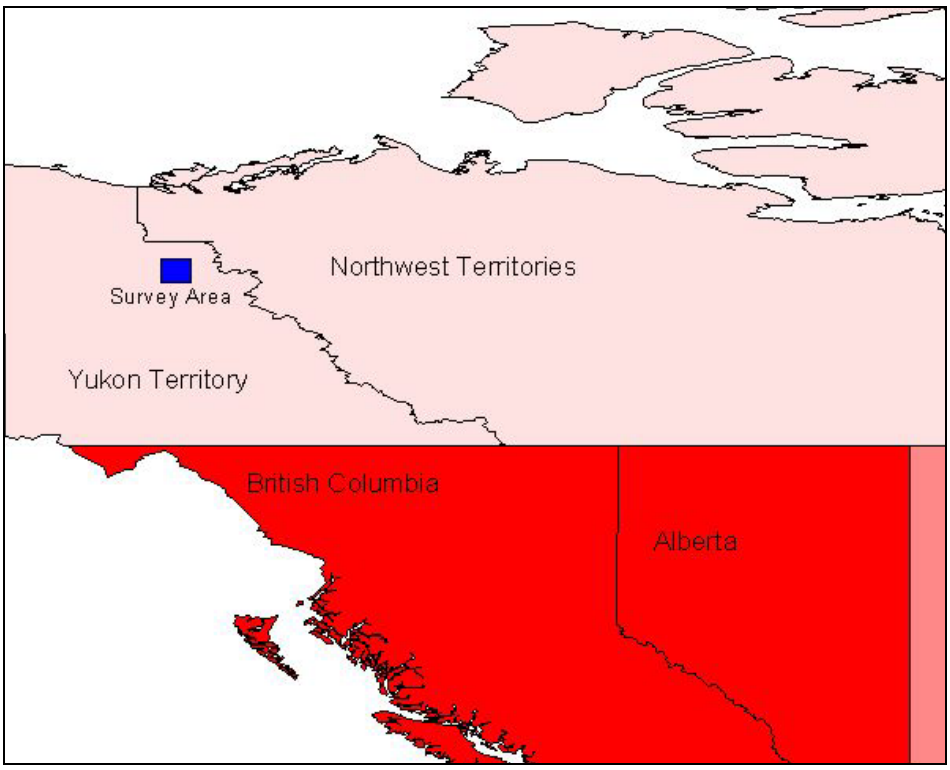


Figure A 1. Wernecke Mountain survey location shown in a blue box.

WEATHER

The Yukon has a sub-arctic climate with average temperatures rising above 10 C for no more than four months a year. Winters are cold with long dark nights. Summers are mild with long sunny days. Above the Arctic Circle (66 30' N. latitude), the sun does not set on June 21st and does not rise on December 21st.

Climatic influences vary across the territory. Cold air masses from the Arctic dominate the northern part of the Yukon. Warmer air masses from the North Pacific moderate temperatures in the southwestern Yukon.

Terrain and Vegetation

This region is characterized by alpine tundra at upper elevations and subalpine open woodland vegetation at lower elevations. The Wernecke Mountains are formed of phyllite and nearly horizontal carbonate rocks carved by glaciation. They are divided into several ranges by broad

northwesterly-trending valleys. Alpine vegetation consists of lichens, mountain avens, intermediate to dwarf shrubs, sedge, and cottongrass in wetter sites. Barren talus slopes are common. Subalpine vegetation consists of discontinuous open stands of stunted white spruce and occasional alpine fir in a matrix of willow, dwarf birch, and Labrador tea. During acquisition in September the average temperatures range between 16°C - 21 °C.

The weather during data acquisition varied from clear sky to low ceiling clouds to rainy and thunderstorms. In most cases flight operations were prevented or delayed in the presence of thunderstorms, windy conditions, or poor visibility due to fog. Gradient data does not degrade as quickly as gravity data in rough weather, but gradient data quality is affected by extreme weather conditions. Data acquisition was usually halted when vertical accelerations were sustained above the 60 mill-g range. Lines acquired in the most turbulent conditions were re-acquired later during better weather. Most of the final data were acquired in the 20-40 milli-g range.

OPERATIONS SUMMARY

The crew arrived at Dawson City on August 21, 2006, and was moved to Eagle Plains on September 1, 2006. Actual flight operations on this survey commenced September 19, 2006, through September 20, 2006. The 3D Full Tensor Gradient data was collected with Bell Geospace's FTG-002 onboard a Cessna Grand Caravan C-GSKT (Figure 3), operated by Aries Aviation. The final data was projected into Universal Transverse Mercator (UTM) Zone 8N using the Hayford, Lambert Conic Conformal (2SP) datum.

SURVEY DESIGN AND DATA ACQUISTION

Figure A2 shows the survey area with the actual flight lines. The survey was flown in a northwest - southeast direction at a lines spacing of 400 m. The survey was designed as a 80 m altitude line by line drape. A total of 4184 line km were acquired.

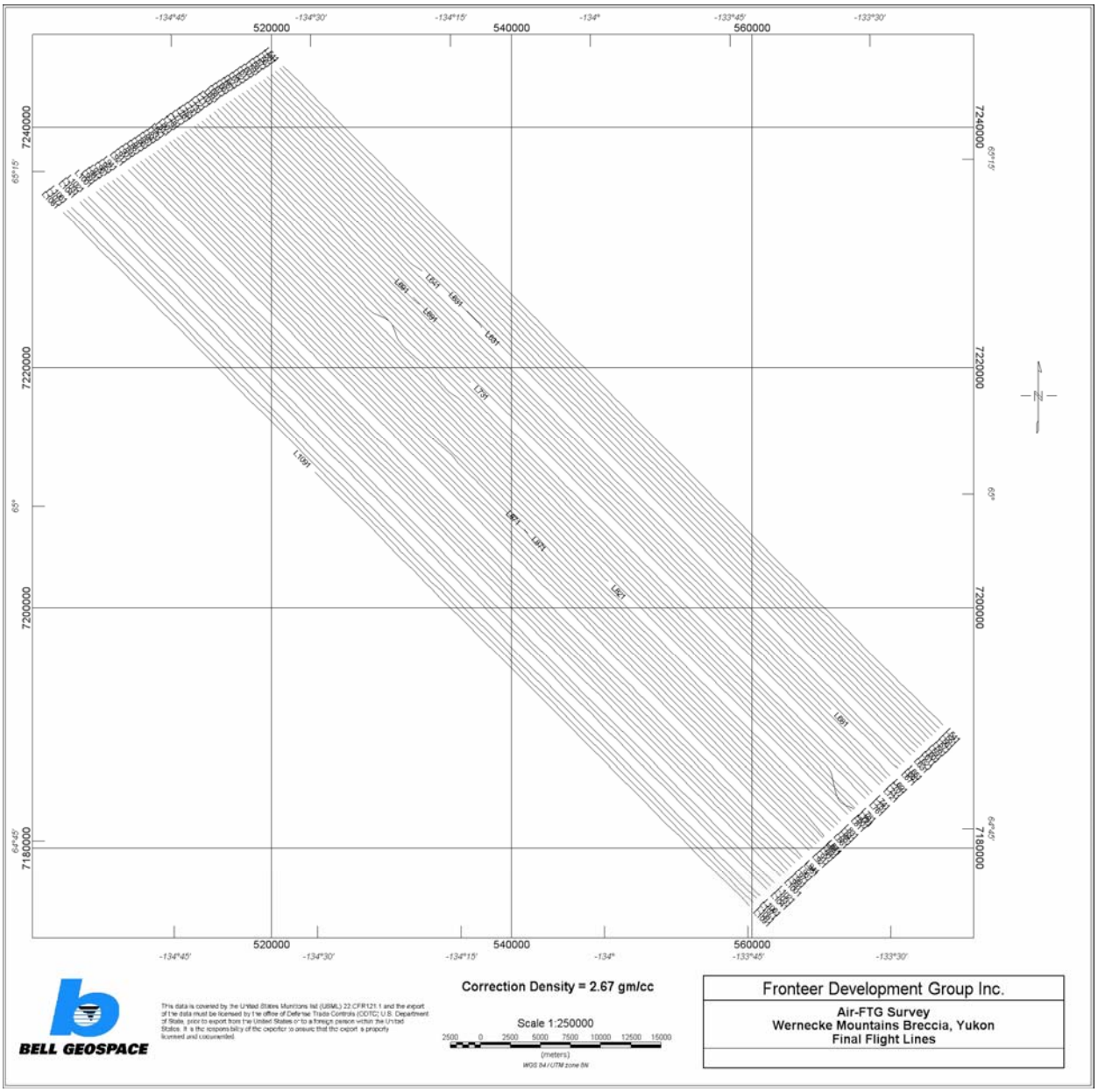


Figure A 2. Actual flight lines.

The survey plan included draping the flight path to maintain a constant distance from the ground for the entire length of each survey line. However, it is not always possible to maintain the constant clearance as the terrain relief increases or decreases rapidly, so in depression areas ground clearance may exceed 80m altitude.

Table A.1 includes information about the terrain, flight altitude, and clearance.
The terrain data used is a 30 m cell size Canadian Digital Elevation Data (CDED) from the Canadian Government (Figure A3).

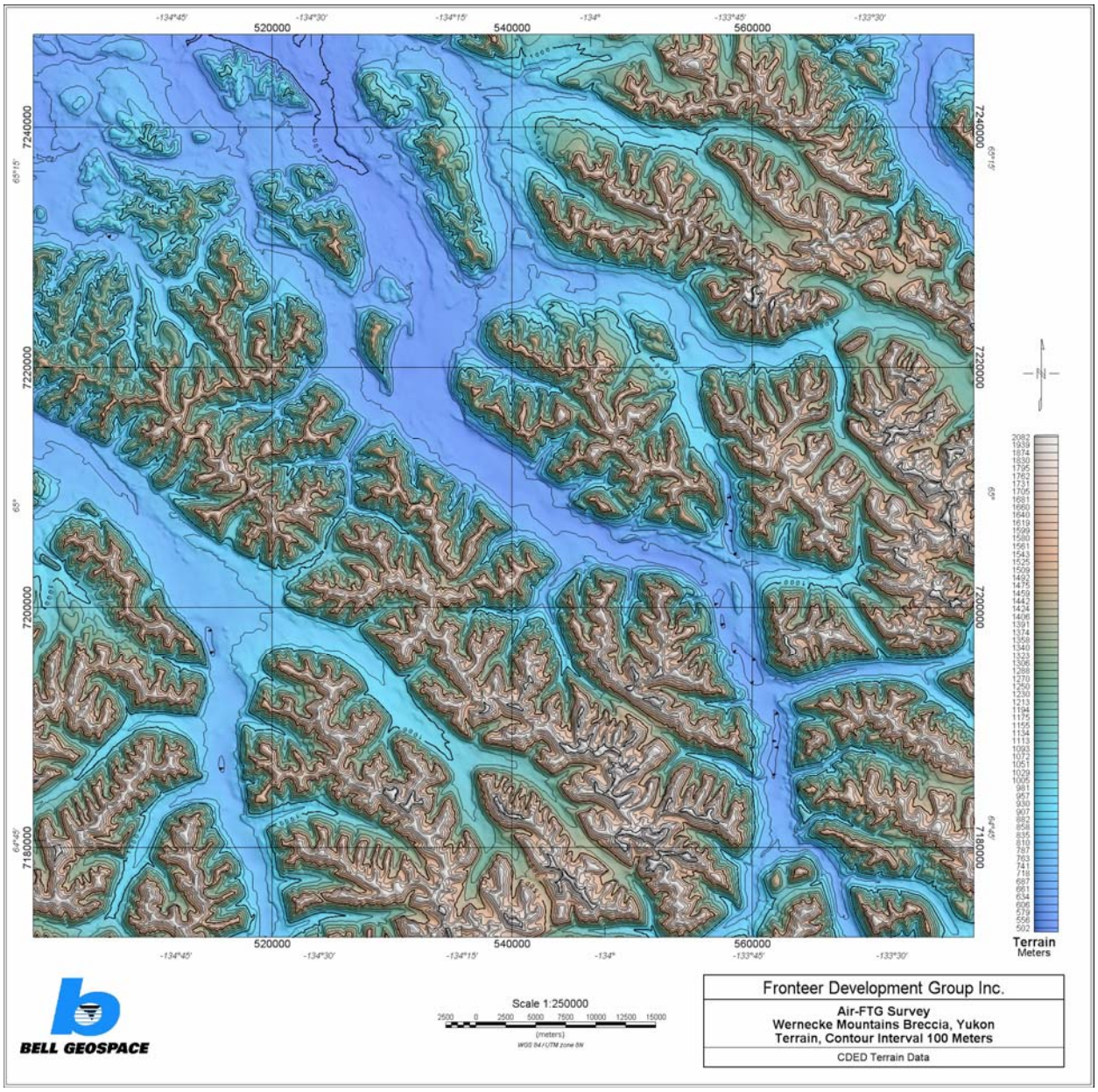


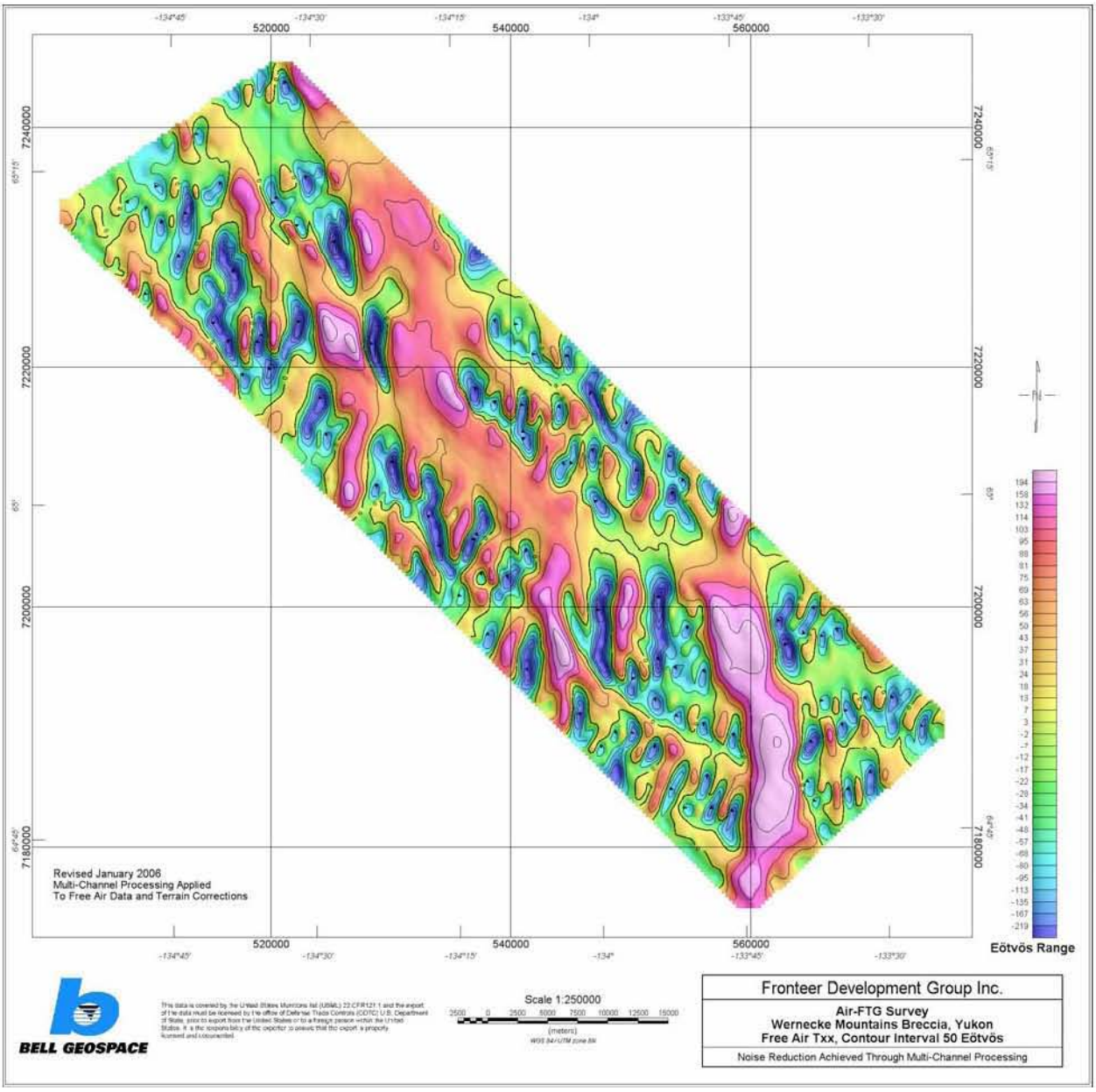
Figure A 3. Digital terrain model compiled from CDED Terrain data.

Table A 1. Flight Altitude Statistics (meters)

	Min	Max	Std Dev	Mean
Terrain	440	2332	391	1033
Altitude	705	2493	339	1690
Ground Clearance	126	1578	273	646

TENSOR COMPONENT MAPS

Txx_FA_MCP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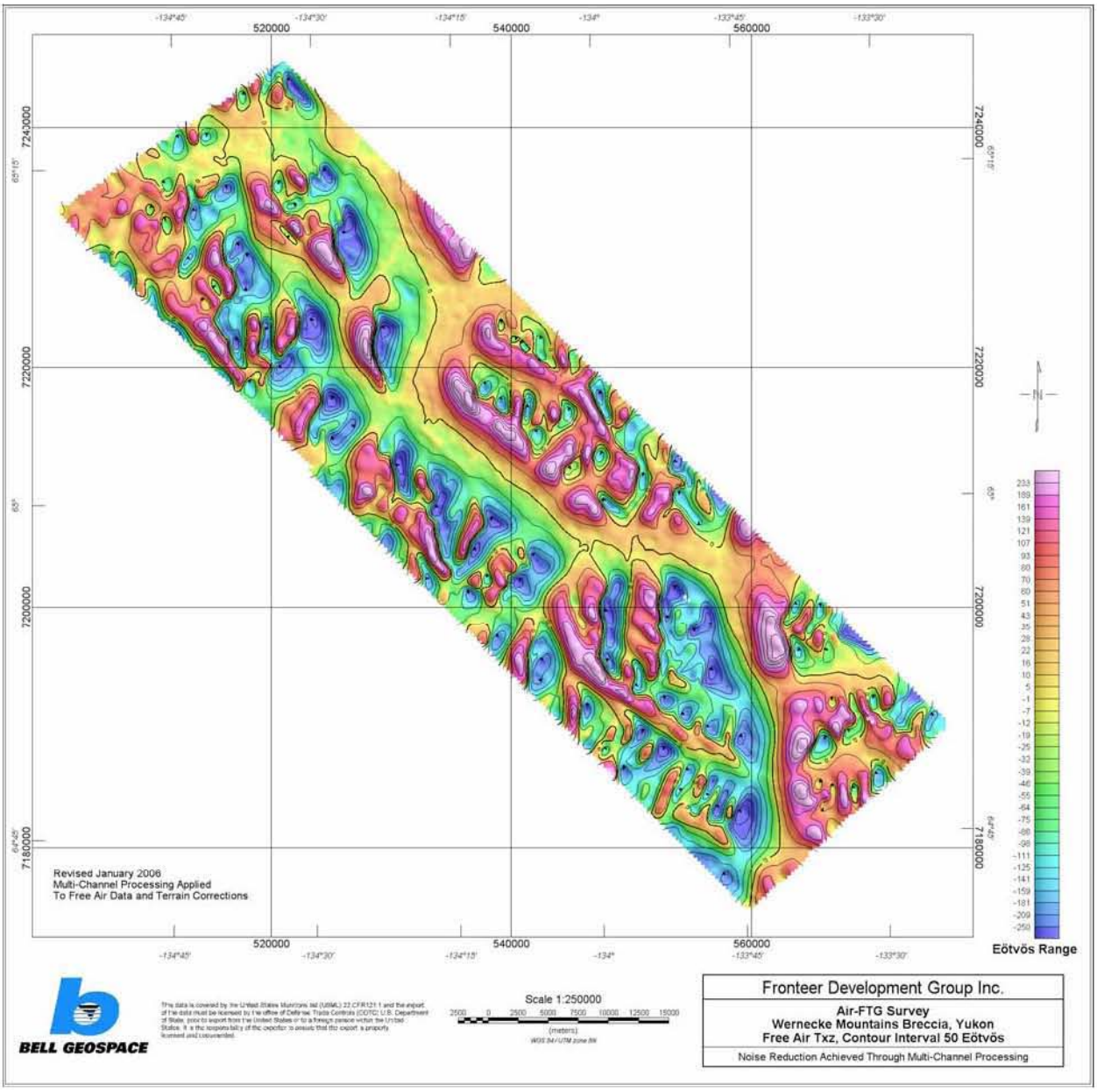
BELL GEOSPACE
Scale 1:250000
Fronteer Development Group Inc.
Air-FTG Survey
Wernecke Mountains Breccia, Yukon
Free Air Txx, Contour Interval 50 Eötvös
Noise Reduction Achieved Through Multi-Channel Processing

Txz_FA_MCP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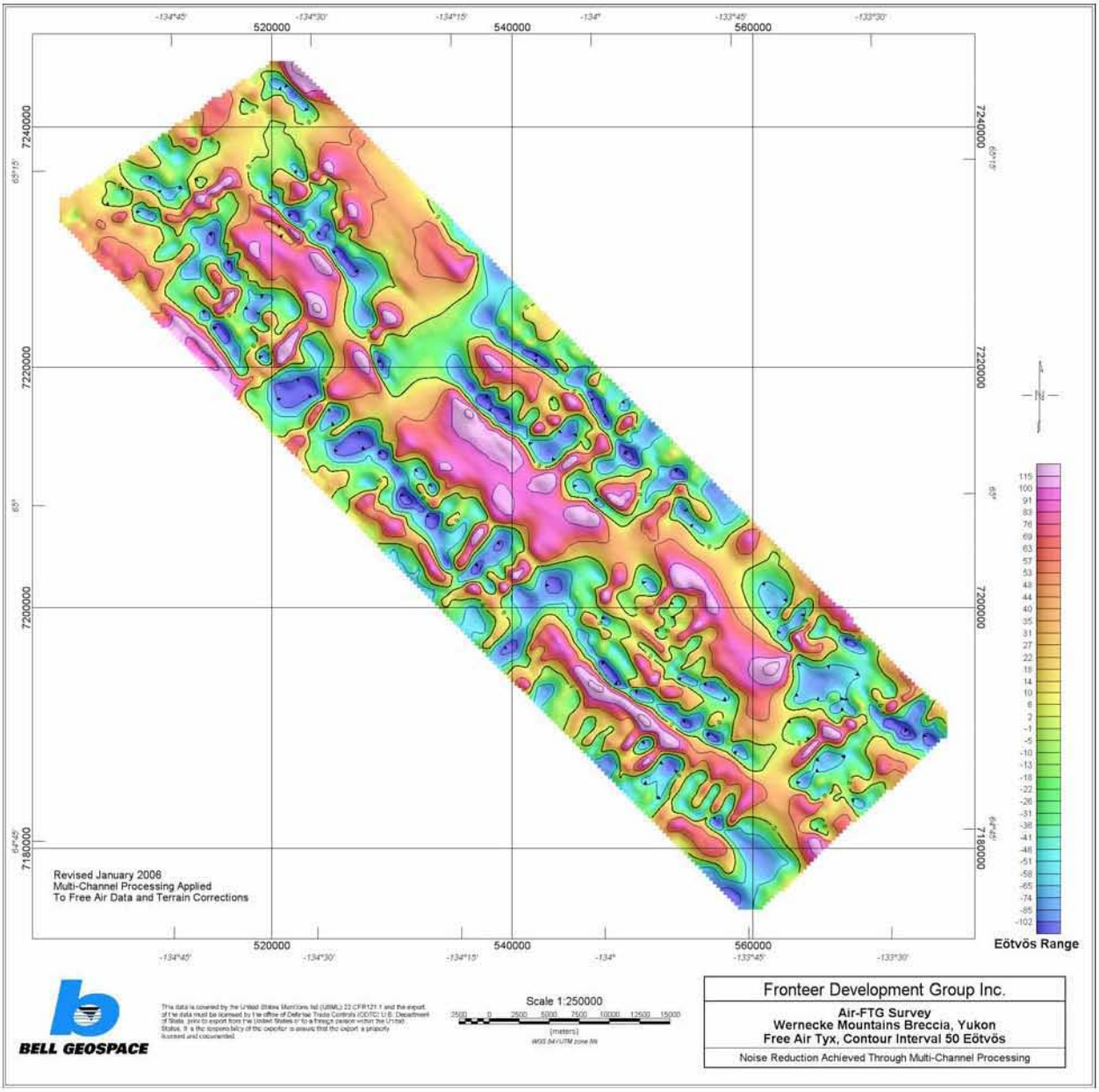
Fronteer Development Group Inc.
Air-FTG Survey
Wernecke Mountains Breccia, Yukon
Free Air Txz, Contour Interval 50 Eötvös
Noise Reduction Achieved Through Multi-Channel Processing

Tyx_FA_MCP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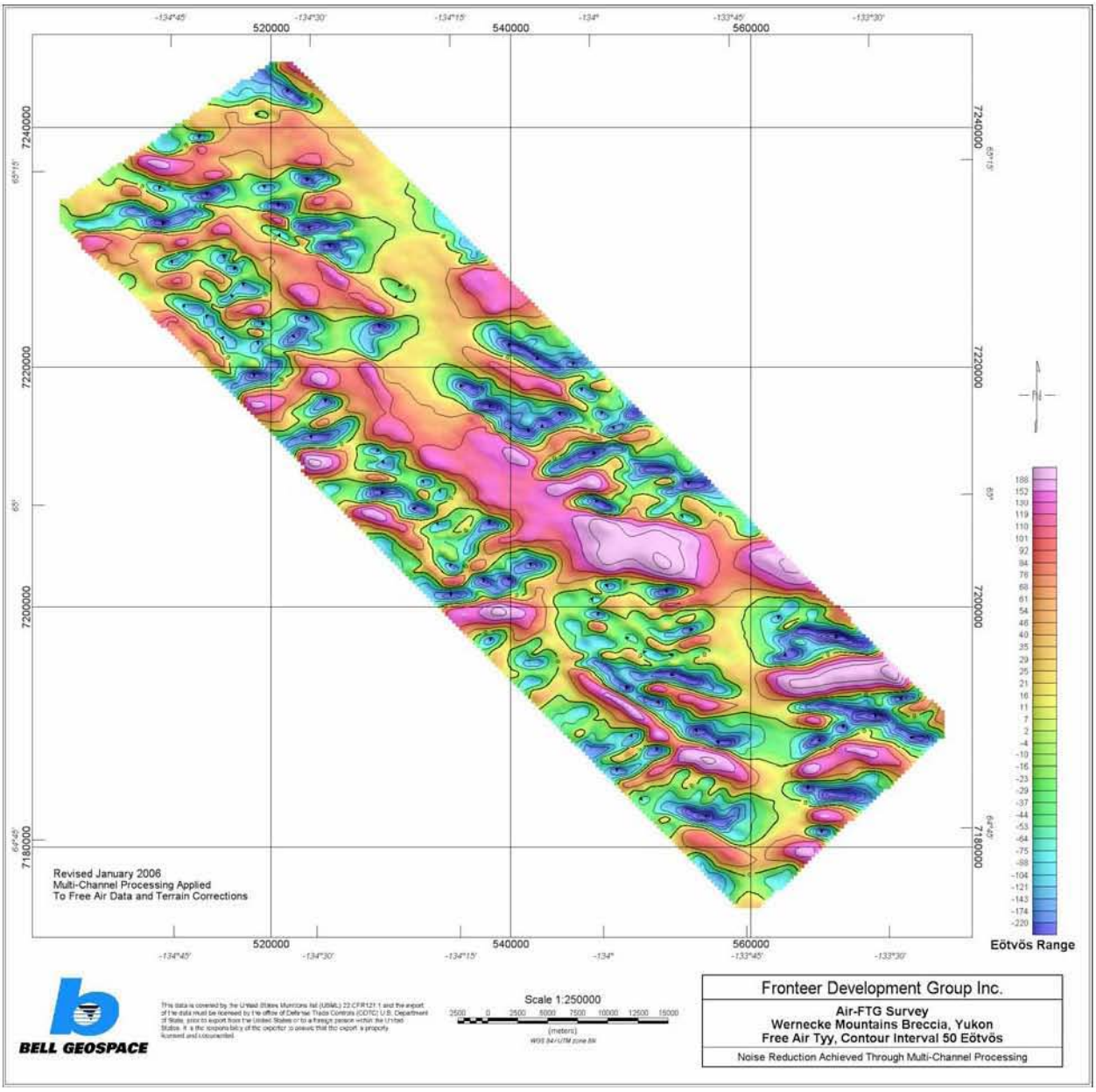
(meters)
Fronteer Development Group Inc.
Air-FTG Survey
Wernecke Mountains Breccia, Yukon
Free Air Tyx, Contour Interval 50 Eötvös
Noise Reduction Achieved Through Multi-Channel Processing

Tyy_FA_MCP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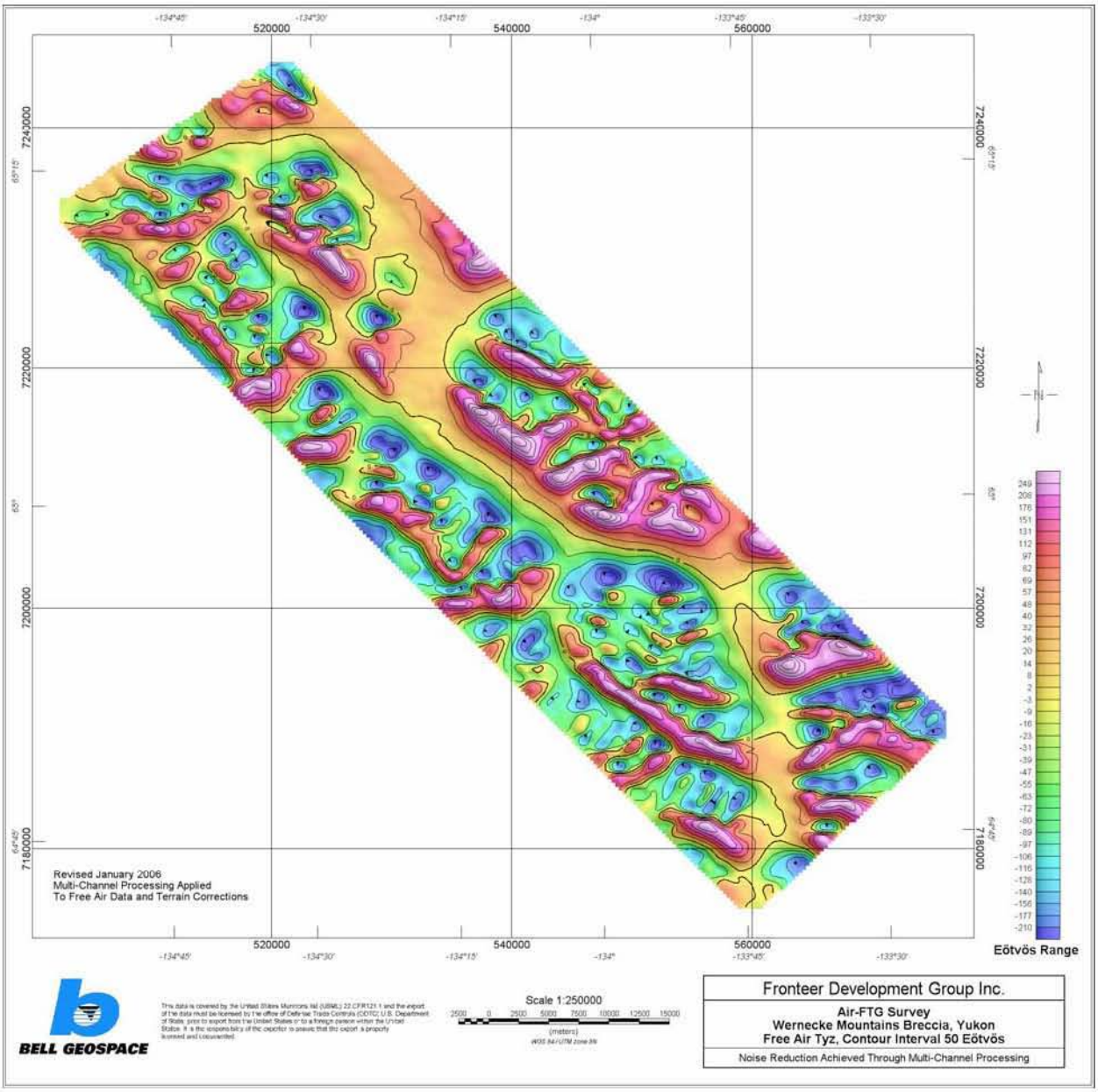
Scale 1:250000
Fronteer Development Group Inc.
Air-FTG Survey
Wernecke Mountains Breccia, Yukon
Free Air Tyy, Contour Interval 50 Eötvös
Noise Reduction Achieved Through Multi-Channel Processing

Tyz_FA_MCP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Air-FTG Survey
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Free Air Tyz, Contour Interval 50 Eötvös
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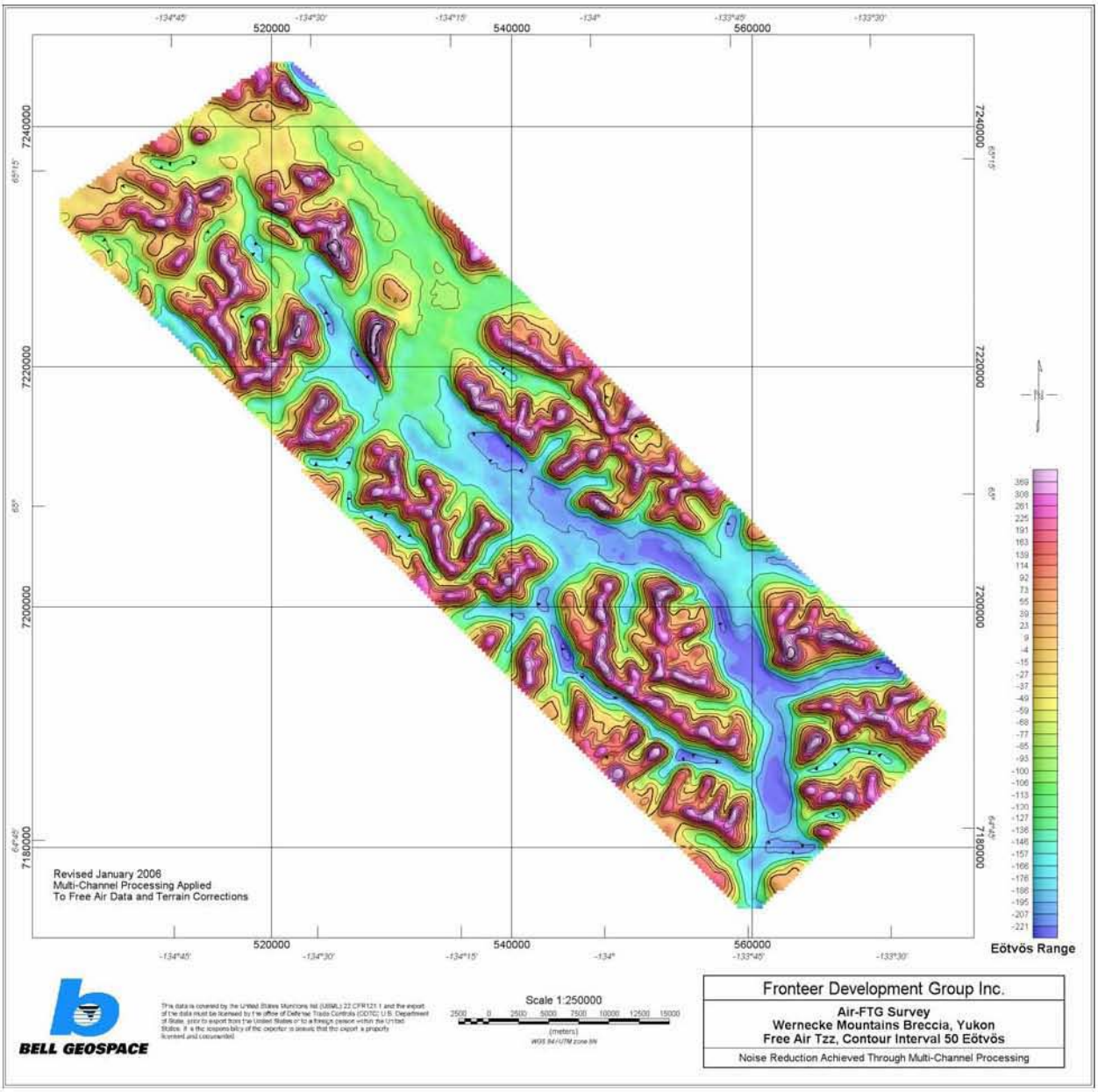
Tzz_FA_MCP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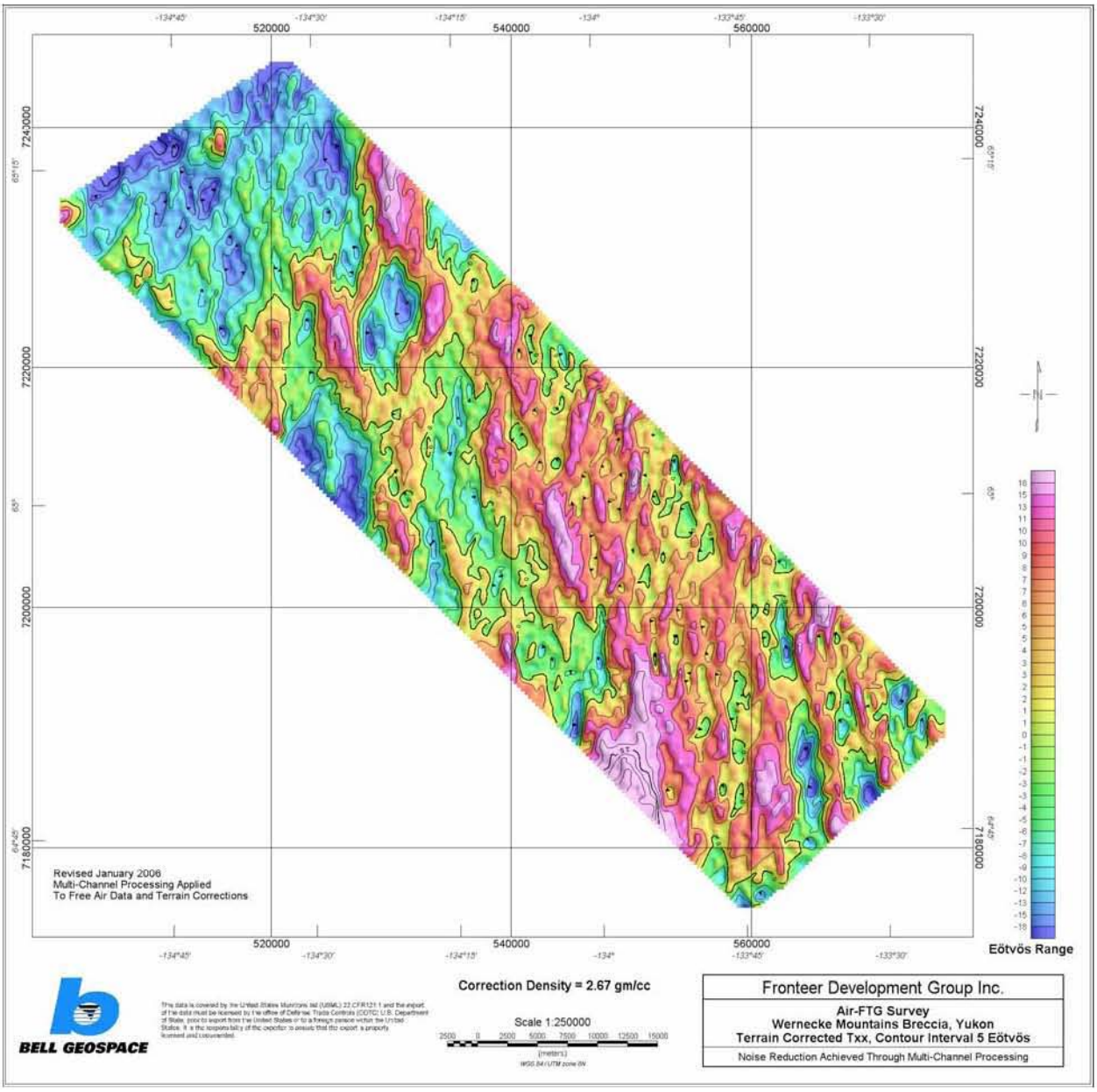
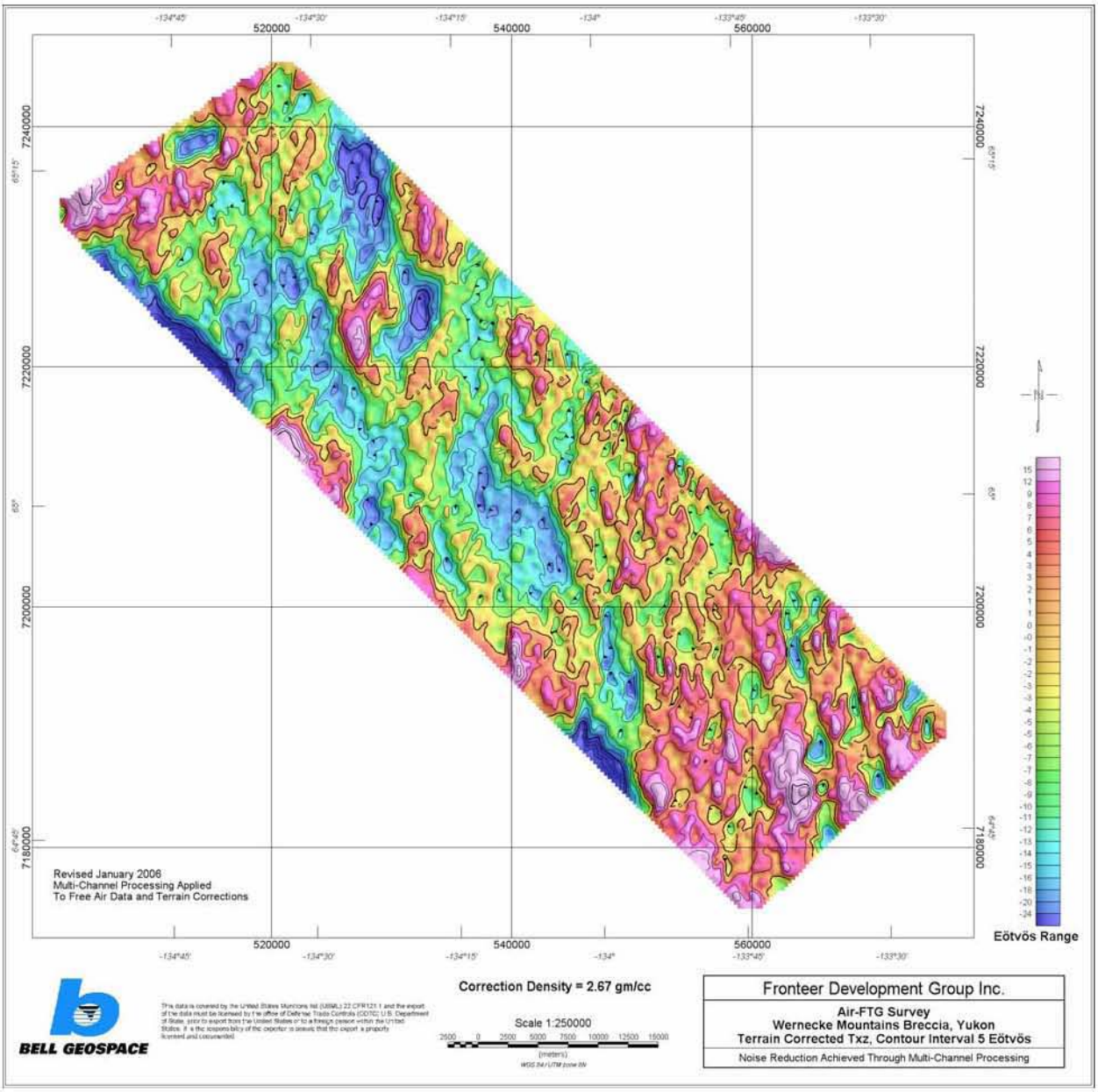
Scale 1:250000
(meters)
Fronteer Development Group Inc.
Air-FTG Survey
Wernecke Mountains Breccia, Yukon
Free Air Tzz, Contour Interval 50 Eötvös
Noise Reduction Achieved Through Multi-Channel Processing

Txx_TC_267_MCP



Txz _TC_267_MCP



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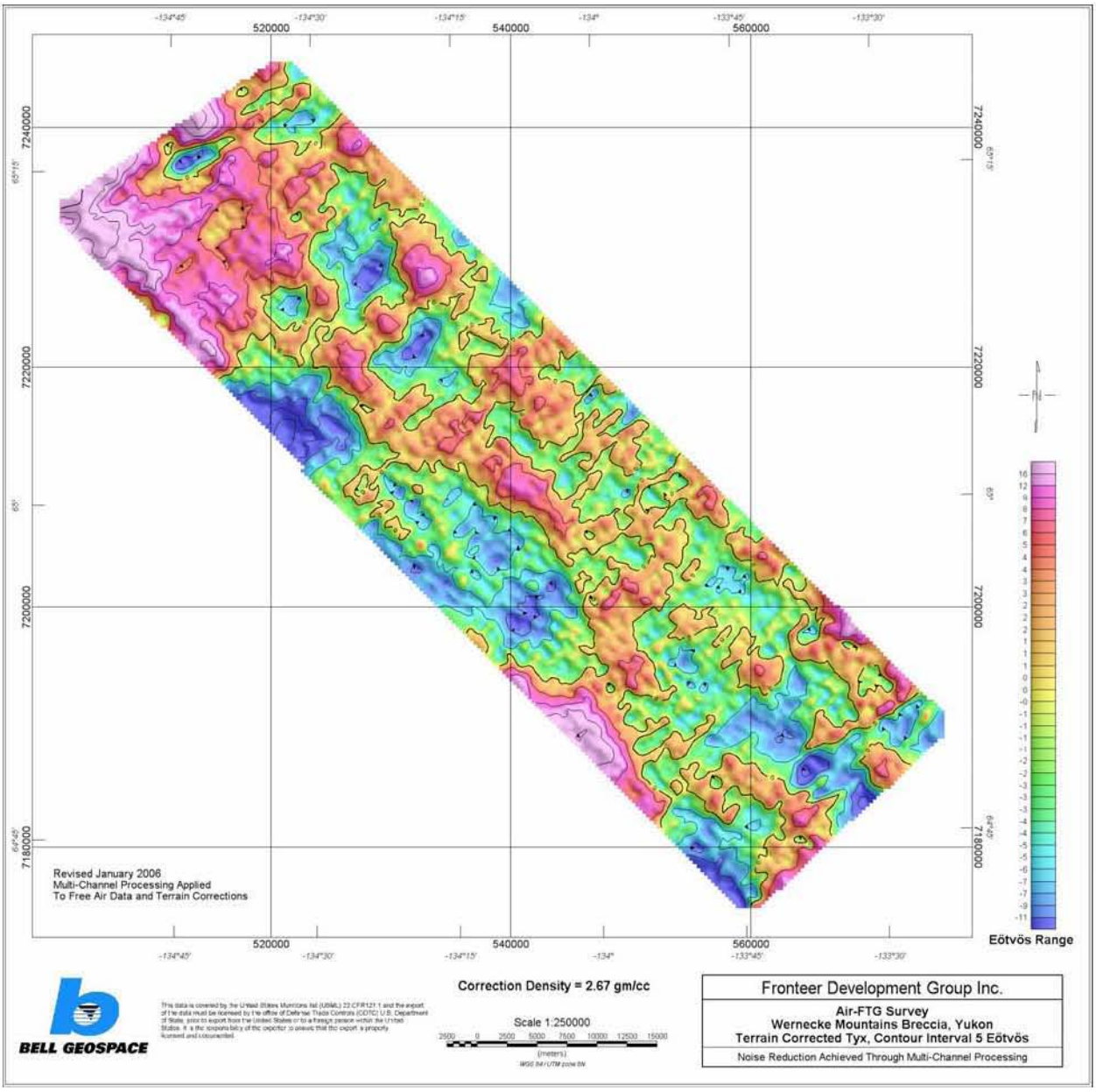

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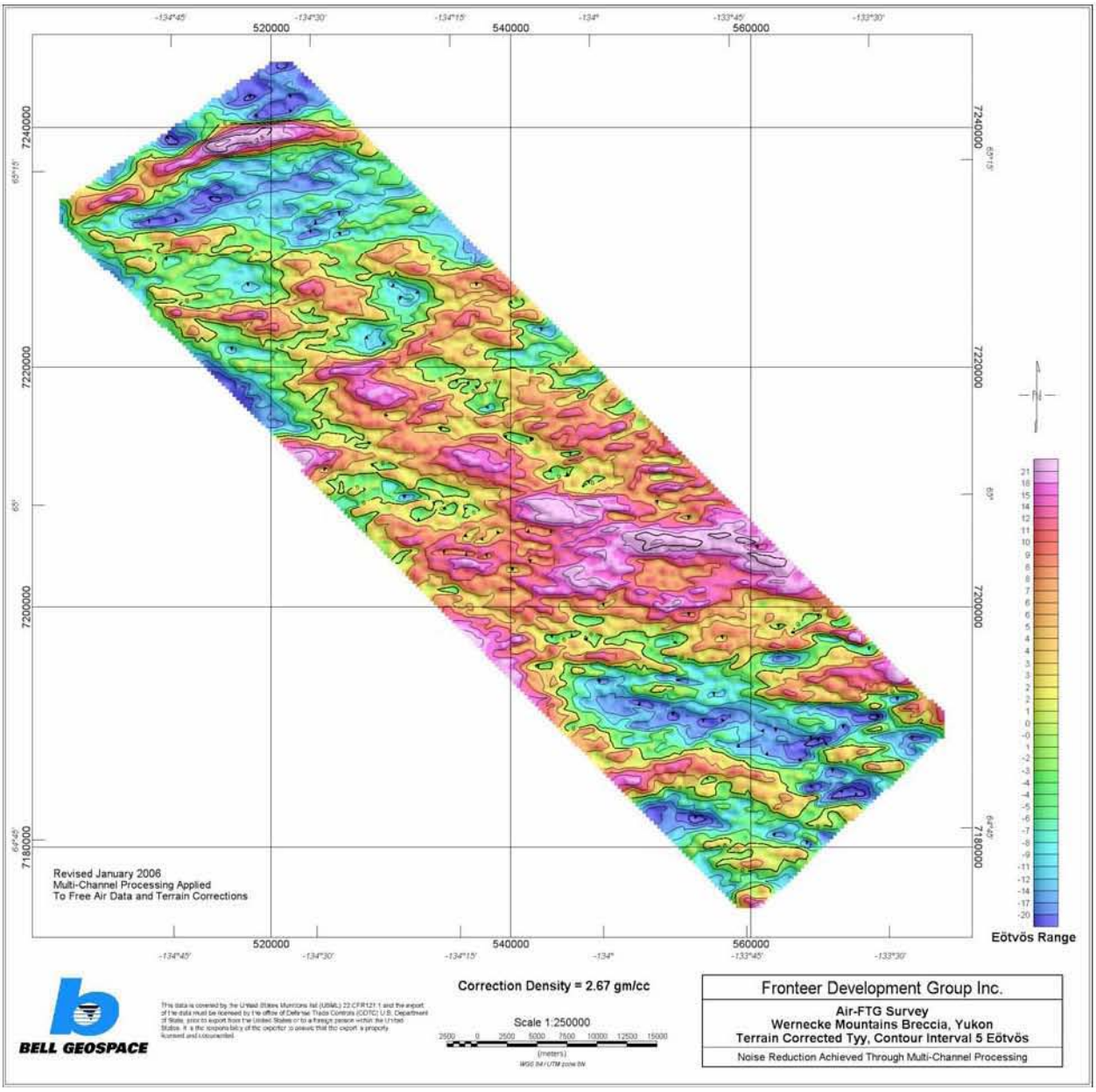

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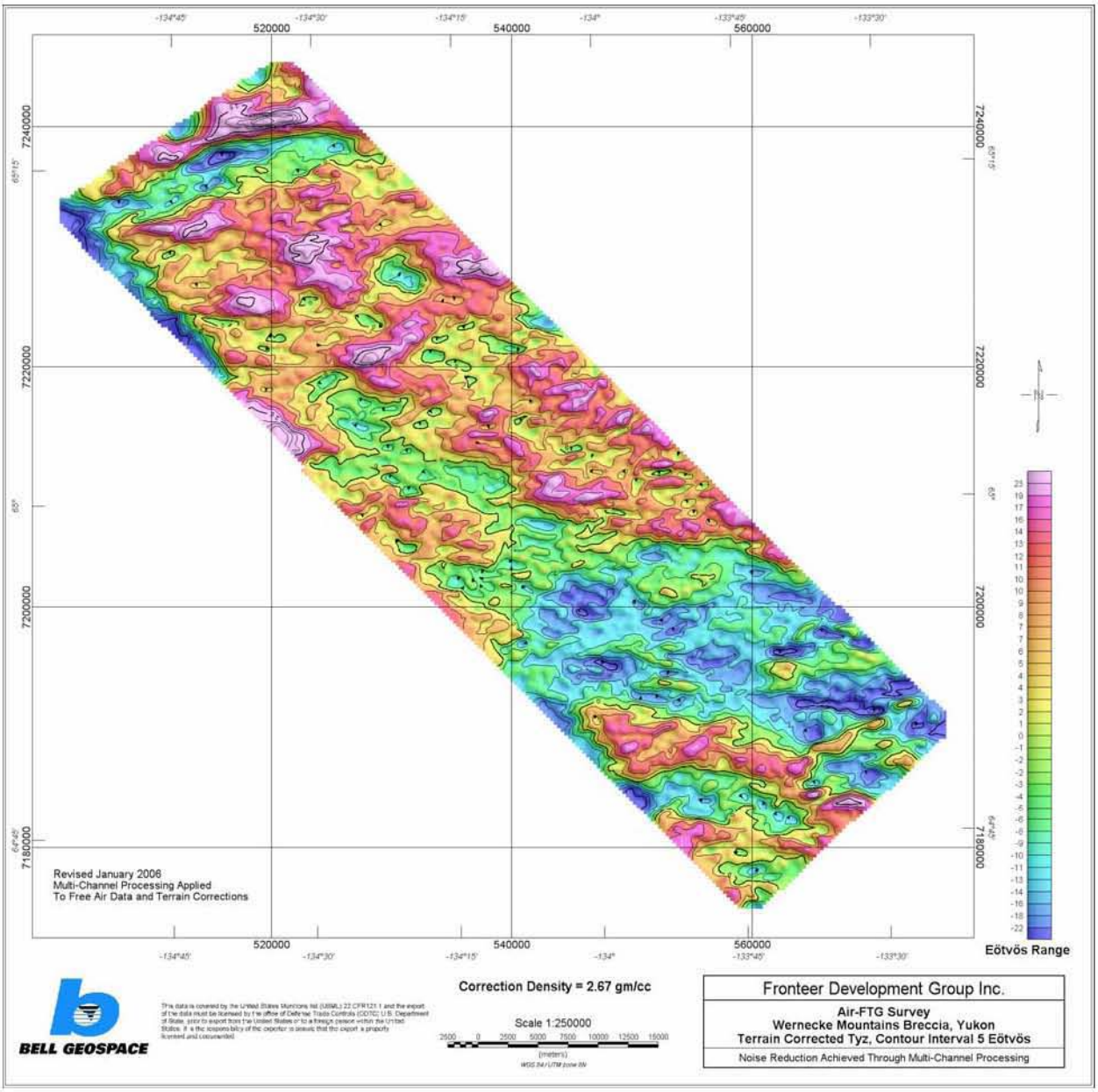

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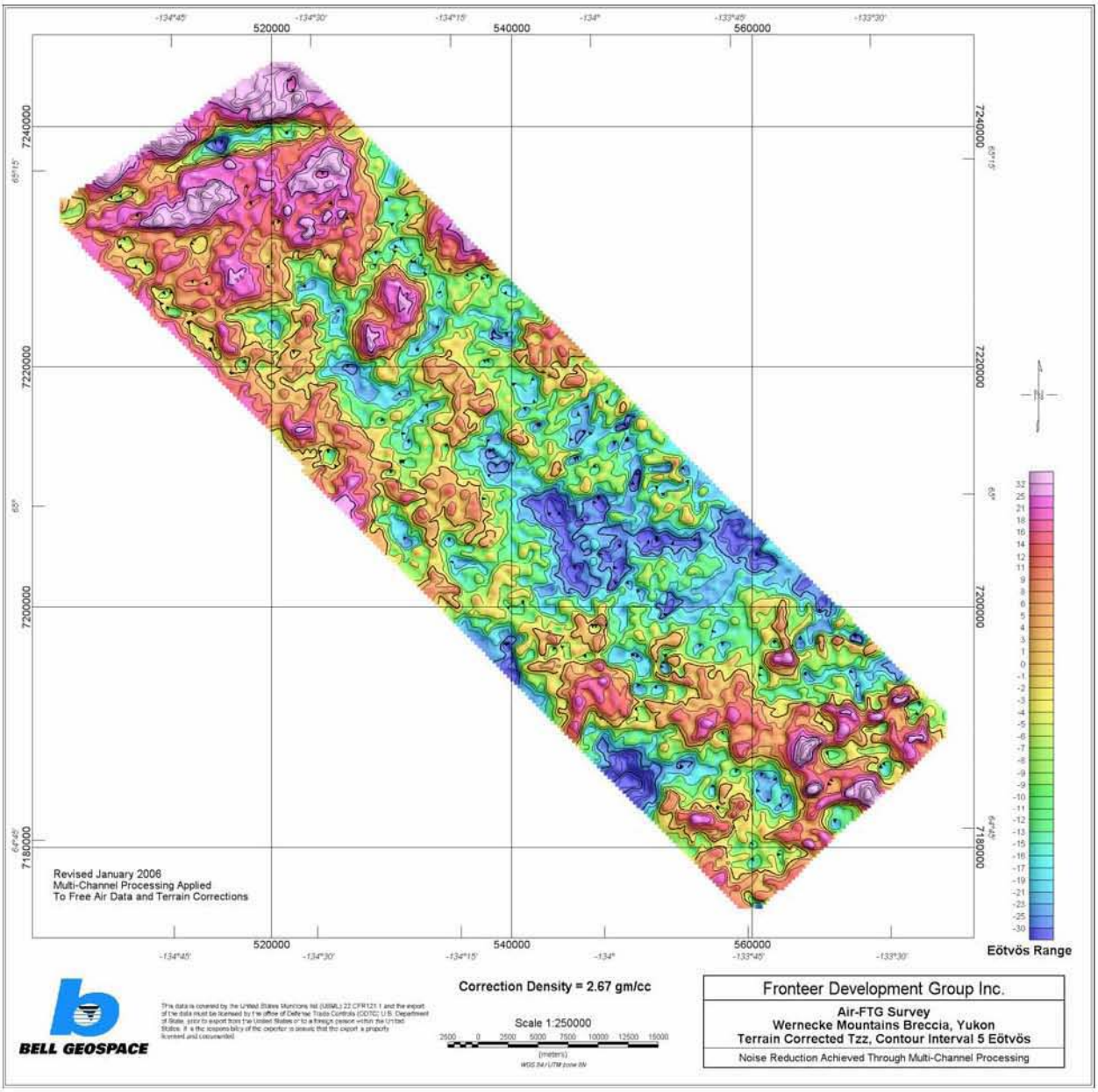
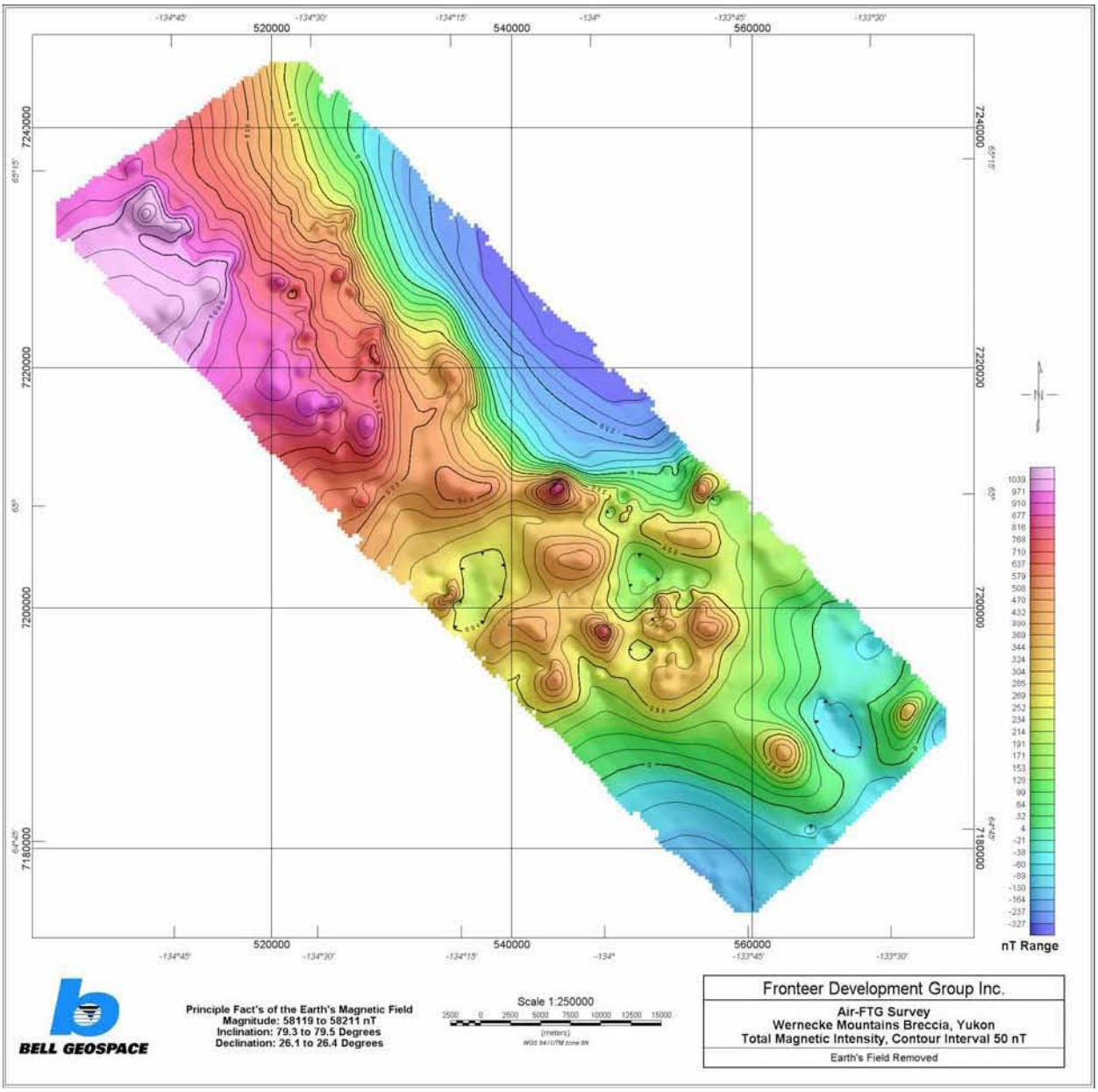
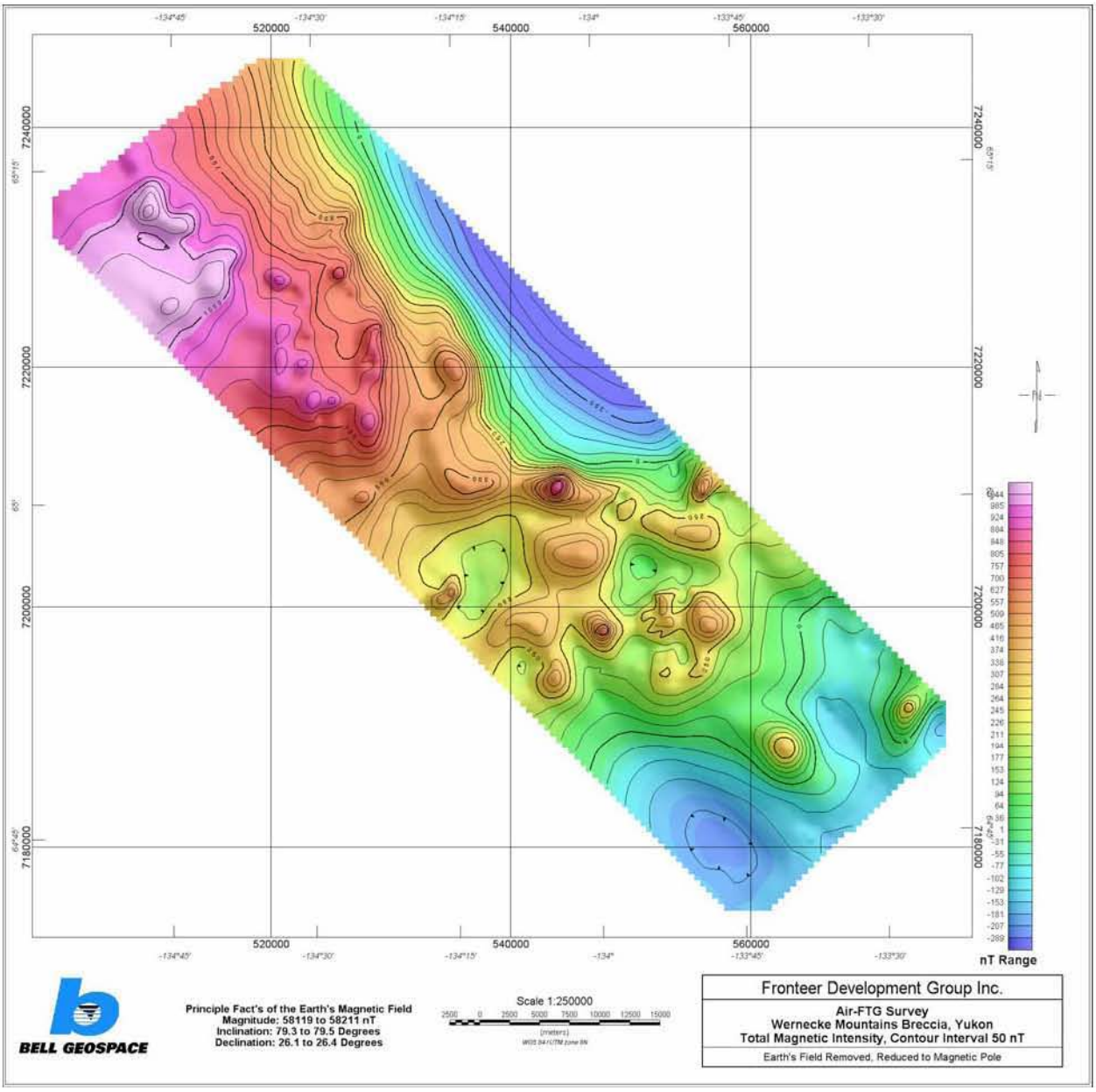


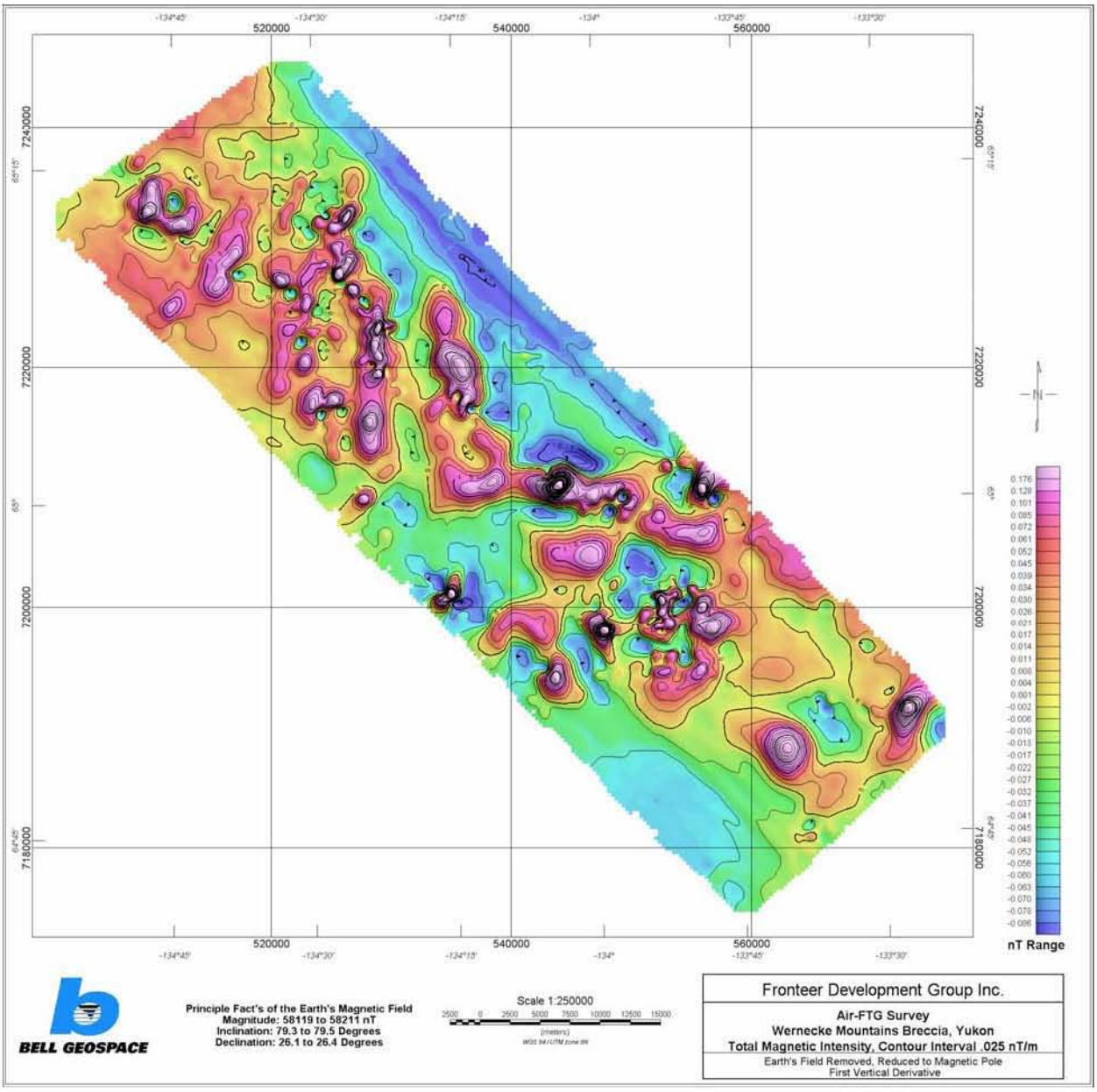
Total Magnetic Intensity



Total Magnetic Intensity-Reduced to the Pole



Total Magnetic Intensity-Reduced to the Pole, 1st Vertical Derivative



Appendix F: Quality Control / Quality Assurance

QUALITY CONTROL / QUALITY ASSURANCE

I Chain of Custody

All samples were packed in rice sacks and sealed with uniquely-numbered non-resealable security straps. Rice sacks were trucked to ALS Chemex Labs Ltd. in North Vancouver, an ISO 9001 registered laboratory. ALS Chemex reported that all bags were received in good condition, with all security straps intact, and with no evidence of tampering.

II Blanks

Blanks are samples which are known to be barren of mineralization and are inserted into the sample stream in the field to determine whether contamination has occurred after sample collection.

a. Soil Sample Field Blanks

A total of 45 soil blanks were inserted into the sample sequence (approximately every 60th sample) and submitted for analysis. The first set of blank material comprised commercially available silica silt from the same company that supplies ALS Chemex Labs with their blank material. A second set of blank material comprising a clean fine sand was utilized after the primary blank material was consumed.

SAMPLE	Au (ppm)	Ag (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Sb (ppm)	U (ppm)
201190	<0.005	0.01	0.1	0.9	<0.05	0.3	0.09	0.07
201250	<0.005	<0.01	0.1	0.8	<0.05	0.3	0.18	0.12
201310	<0.005	<0.01	0.2	1.1	<0.05	0.4	<0.05	0.08
201370	<0.005	0.01	0.1	0.9	<0.05	0.3	<0.05	0.09
201430	<0.005	<0.01	0.1	1.4	0.07	0.4	<0.05	0.08
201490	<0.005	0.01	0.5	4.0	0.15	0.6	<0.05	0.13
201530	<0.005	0.01	0.1	1.1	0.05	0.3	0.13	0.1
201710	<0.005	0.01	0.1	0.9	0.06	0.6	<0.05	0.08
201839	0.007	0.02	0.1	1.2	<0.05	0.3	<0.05	0.12
201890	<0.005	0.06	0.7	6.7	0.11	1.2	0.07	0.1
201950	<0.005	0.01	0.1	1.3	0.09	0.4	<0.05	0.07
202290	<0.005	0.01	0.2	1.3	0.06	0.5	<0.05	0.11
202350	<0.005	0.02	0.1	1.1	0.05	0.3	0.34	0.08
202470	<0.005	<0.01	0.1	1.0	0.05	0.3	<0.05	0.09
202610	0.008	0.01	0.1	1.4	0.05	0.3	<0.05	0.08
203010	<0.005	0.02	0.1	1.0	0.05	0.3	<0.05	0.33
203070	<0.005	<0.01	0.3	1.0	0.05	0.6	<0.05	0.07
203130	0.006	0.01	0.1	1.1	<0.05	0.4	<0.05	0.08
203250	<0.005	<0.01	0.1	0.9	<0.05	0.3	<0.05	0.07
203381	<0.005	0.02	0.1	1.2	0.05	0.2	<0.05	0.08
203530	<0.005	0.01	0.1	1.0	0.05	0.3	<0.05	0.07
203590	<0.005	0.01	0.1	1.8	0.05	0.3	0.08	0.1
203830	<0.005	<0.01	0.1	0.9	<0.05	0.3	<0.05	0.09
203890	<0.005	<0.01	0.1	0.8	<0.05	0.3	0.06	0.06
203950	<0.005	0.01	0.2	1.1	0.10	0.3	<0.05	0.11

Results of the soil blanks indicate that 25 of the blank samples returned low values for all elements of interest (above). The consistently low values for all elements of interest indicate that contamination of the soil samples did not take place in the field, or

in the lab. However, 20 of the blank samples (below) returned elevated values in most elements of interest, particularly for Au and Cu. Reviewing sample numbers, shipment dates and certificates indicate that these blank samples were comprised of the second batch of apparently clean fine sand blank material sourced in Whitehorse. It is evident that this fine sand is not suitable for blank material.

SAMPLE	Au (ppm)	Ag (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Sb (ppm)	U (ppm)
330720	0.082	1.36	46.2	3160	6.52	44.9	5.88	3.66
330420	0.074	1.47	48.4	2960	5.91	32.2	1.73	3.96
330240	0.052	1.21	47.2	2820	6.10	30.9	6.06	3.58
202550	0.063	1.19	52.8	2700	6.66	39.1	6.11	4.18
202910	0.051	1.33	50.5	2680	6.14	34.1	7.06	3.92
330660	0.053	1.15	52.8	2660	6.12	35.5	6.13	3.85
203770	0.080	1.20	45.8	2580	6.12	32.1	6.34	4.08
330900	0.079	1.26	46.9	2570	6.03	30.5	7.24	3.47
331080	nss	1.40	49.0	2550	5.79	34.0	5.52	3.60
202790	0.069	1.23	50.1	2540	5.96	36.8	5.74	4.08
202850	0.055	0.99	49.1	2540	6.61	35.3	5.10	4.23
330480	0.078	1.21	50.8	2500	6.09	34.8	4.06	4.13
331020	0.074	1.39	50.6	2500	6.04	35.8	5.13	3.79
330180	0.062	1.15	46.5	2430	6.05	30.4	5.28	3.88
330360	0.056	1.06	46.4	2410	5.47	31.5	2.08	3.63
202970	0.066	1.25	46.2	2370	6.27	35.2	5.58	3.97
330960	0.092	1.24	49.3	2370	6.17	36.2	6.77	3.73
331140	0.080	1.25	46.3	2330	5.83	35.3	7.12	3.62
330840	0.061	1.20	49.0	2220	5.72	32.8	6.63	3.92
330300	0.066	1.00	40.4	2110	5.53	28.4	5.77	4.00

b. Soil Sample Lab Blanks

ALS Chemex inserted 248 blank samples into the soil sample dataset as part of their internal QA/QC program. These blanks were variably inserted into the Au fire assay (111) and ICP (137) sample streams. All such blank analyses returned low values for all elements of interest with most below detection limits.

c. Rock Sample Lab Blanks

ALS Chemex inserted 137 blank samples into the rock sample dataset as part of their internal QA/QC program. These blanks were variably inserted into the Au fire assay, ICP, XRF and assay sample streams. All such blank analyses returned low values for all elements of interest with most below detection limits (the most elevated were three U by ICP analyses returning 2.7 ppm U).

III Field Duplicate Analysis

Field duplicates are collection and analysis of two separate samples from the same field location or core interval. They are used to measure the reproducibility of sampling, which includes both laboratory variation and sample variation.

A total of 56 field duplicate soil samples were collected (approximately every 20th sample) during the 2006 program and submitted for analysis. None of the elements of interest (Au, Ag, Bi, Co, Cu, Mo, Ni, Sb, U, and the REE's) exhibited reproducibility at acceptable levels of precision. Gold was reproducible at 80% precision while other elements of interest were reproducible at 95% precision at best. The majority of soils

collected during the 2006 field program were collected from poorly developed talus fine soils which may be inherently less reproducible than samples from well-developed soil profiles. As both lab and field duplicates exhibited similar degrees of variability it is likely that this is due to the sample variability as opposed to laboratory variability.

IV Lab Duplicate Analysis

Lab duplicates are separate analyses of two portions of a prepared sample. They are used to measure the reproducibility of laboratory analyses. ALS Chemex Labs conducts duplicate analyses of random samples at varying frequencies depending on the particular sample preparation code. For example, the standard ICP analysis that was conducted on all samples is run in batches of 40 samples–one of which will be duplicated. Other analyses, such as fire assays of Au, are run in larger batches with more frequent duplicates (approximately one in 10). Thompson and Howarth (1976, 1978) demonstrated that the analytical precision of a dataset can be estimated by duplicate analyses. They established graphical representations of the precision that is effective for datasets of 10 to 50 samples and greater than 50 samples.

a. Soil Samples

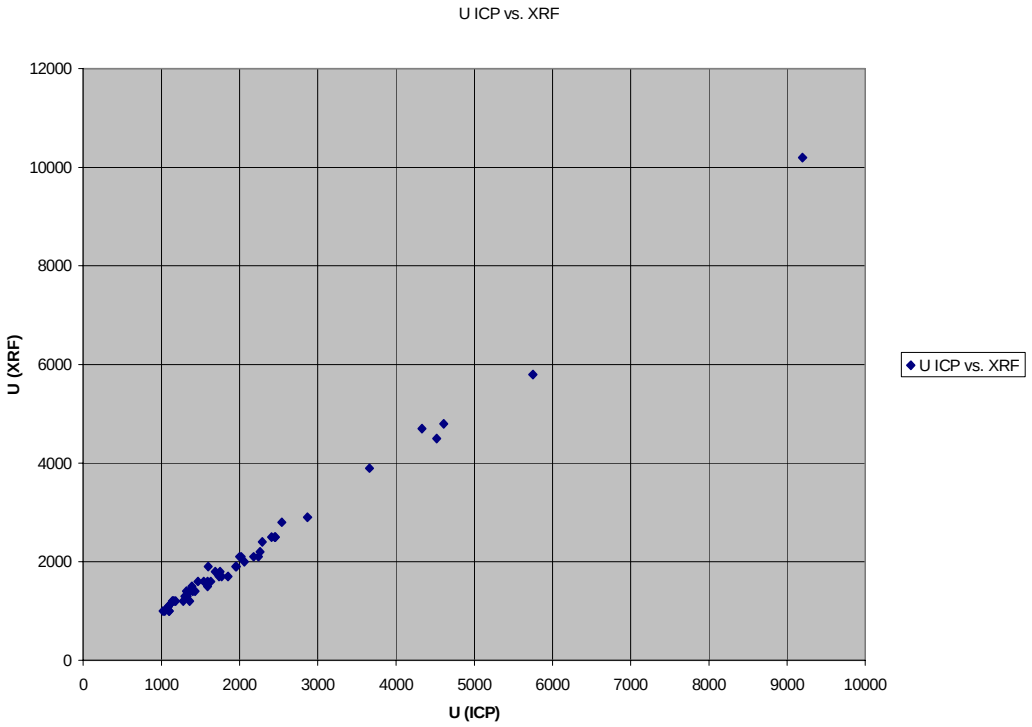
ALS Chemex's duplicate analysis program resulted in 92 duplicates for the ICP suite and 41 for Au only. None of the elements of interest (Au, Ag, Bi, Co, Cu, Mo, Ni, Sb, U, and the REE's) exhibited reproducibility at acceptable levels of precision, with the exception of Au which was reproducible at 60% precision. Other elements of interest were reproducible at 95% precision at best.

b. Rock Samples

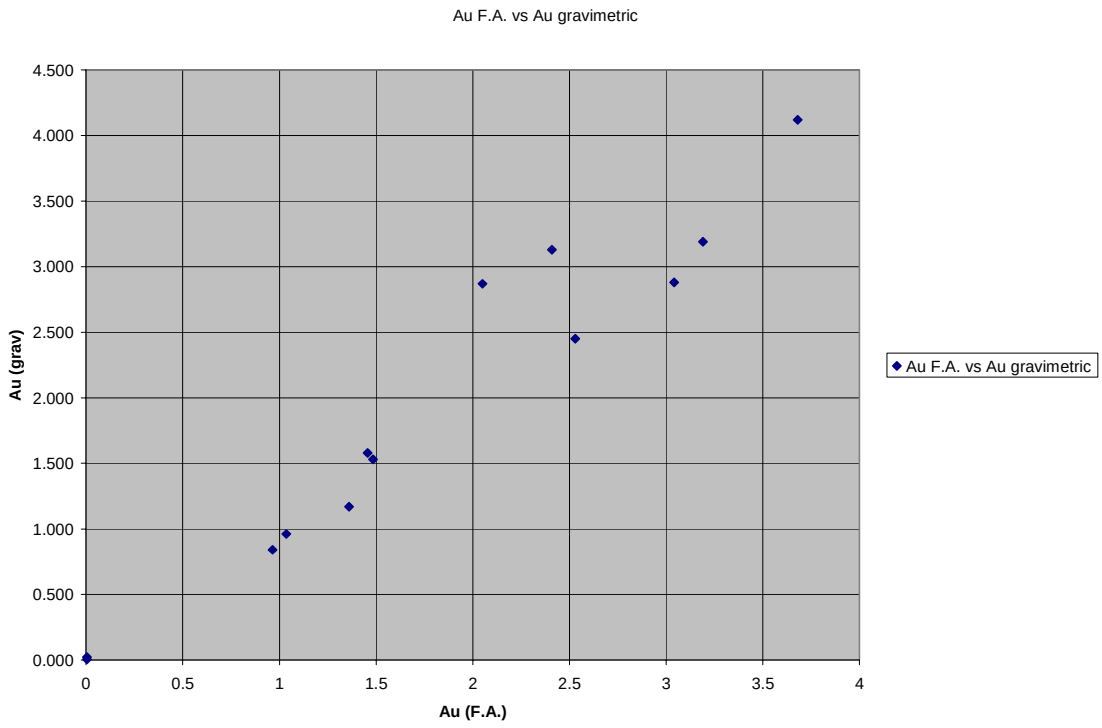
ALS Chemex's duplicate analysis program resulted in 22 duplicates for the ICP suite and 23 for Au only. None of the elements of interest (Au, Ag, Bi, Co, Cu, Mo, Ni, Sb, U, and the REE's) exhibited reproducibility at acceptable levels of precision.

V Overlimits

All rock samples with U exceeding 1000 ppm by ICP analysis had their pulps subsequently reanalyzed by pressed pellet x-ray fluorescence (XRF). A total of 56 samples were reanalyzed by XRF and graphical comparison of these results indicates an excellent correlation between these two methods with a very slight under-reporting of U values by ICP. The pulp material from 53 of the 56 samples was sent to Activation Laboratories Ltd. in Ancaster, Ontario, an ISO 17025-certified laboratory, for analysis by pressed pellet XRF. Values reported by Actlabs were consistently higher than those reported by ALS Chemex. As no independent standards were submitted for analysis with the reject material it is impossible to reconcile the inter-lab difference however variation between the labs is within acceptable limits.



Similarly, all rock samples exceeding 1000 ppb Au by initial 30 g fire assay and AA finish, totalling 16 samples, had their pulps subsequently re-assayed by ALS Chemex via 30 g fire assay with gravimetric finish. Graphically comparing these results indicates a very good correlation between these two analytical methods with a slight under-reporting of Au values by the initial FA/AA. Three of these samples exceeded 10 g/t Au and a screen assay was prepared from the rejects of these samples. This limited dataset indicates that there can be significant variability between gravimetric and screen analyses which is likely due to the sample size.



Sample	Au (gravimetric) (g/t)	Au (screen) (g/t)	% increase
201002	99.2	110.5	11.39
286743	95.0	92.0	-3.16
286744	20.0	16.4	-18.00

All rock samples exceeding 10,000 ppm Cu, Pb, Zn by initial ICP analysis had their pulps subsequently assayed with a four-acid digestion and AA finish. A total of 82 samples were assayed, 80 for Cu and one each for Pb and Zn. One rock sample exceeding 100 ppm Ag by initial ICP analysis had its pulp subsequently assayed by fire assay with gravimetric finish.

VI Standards

To gauge the accuracy and consistency of analytical results, three standards were inserted into the rock sample stream. One of these standards was a Cu-Au-Mo-Ag standard (CU130) obtained from WCM Minerals and an additional two standards (BL-1 and BL-4) were U standards obtained from CANMET Mining and Mineral Sciences Laboratories (a division of Natural Resources Canada).

Standard	Au (ppm)	Ag (ppm)	Cu (ppm)	Mo (ppm)	U (%)	Th (ppm)
CU130	0.933	35.8	4400	740	n/a	n/a
BL-1	n/a	n/a	n/a	n/a	0.022	15
BL-4	n/a	n/a	n/a	n/a	0.173	n/a

A total of five U standards were inserted into the rock sample stream (two of standard BL-1 and three of standard BL-4) and these results were subsequently compared to the above predetermined values. All of these standards returned values that fell within 10% of CANMET's predetermined values, although the BL-4 standards are slightly and systematically lower than the known value.

A total of eight CU130 standards were inserted into the rock sample stream and these results were then compared to the above predetermined values. Analyses of standards returned values that compared fairly well with WCM Minerals' predetermined values. Only two analyses were not within 10% of the known values, one analysis each for Au and Ag. Most elements scattered above and below WCM's value for the standard with the exception of Ag which was systematically one to five ppm higher.

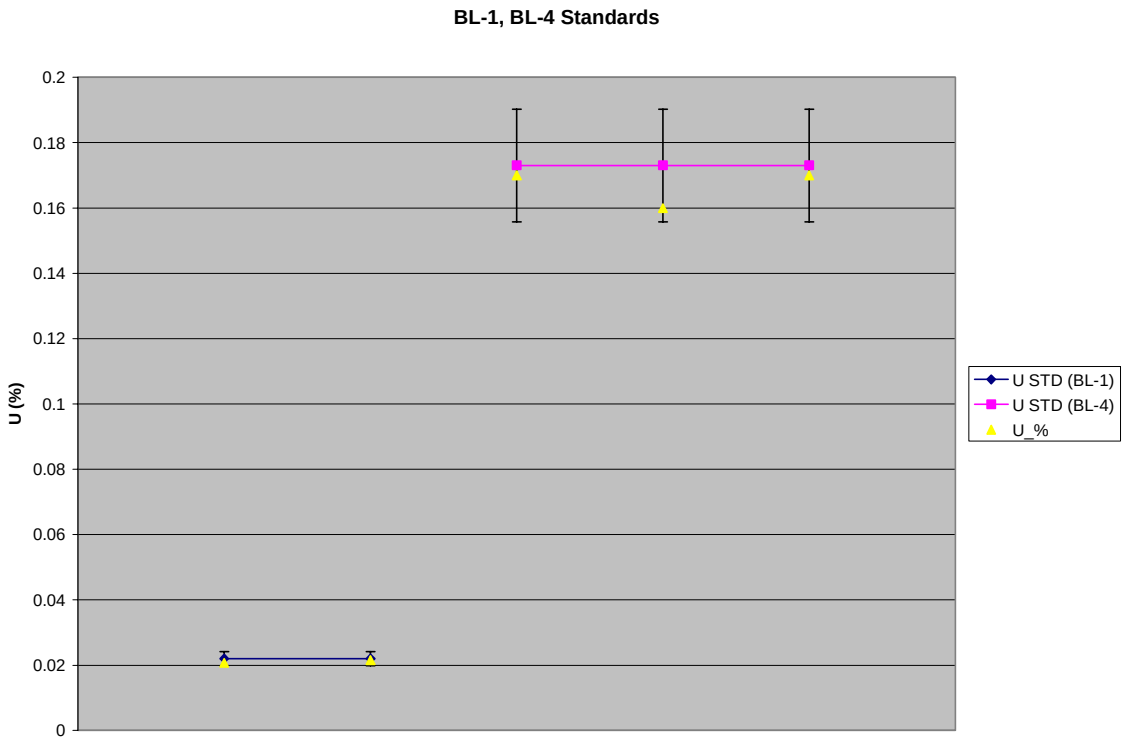


Chart 1: Comparison of U results from standards BL-1 and BL-4 inserted into the rock sample stream in 2006. Horizontal lines show the known values of the standards and vertical error bars indicate a 10% range.

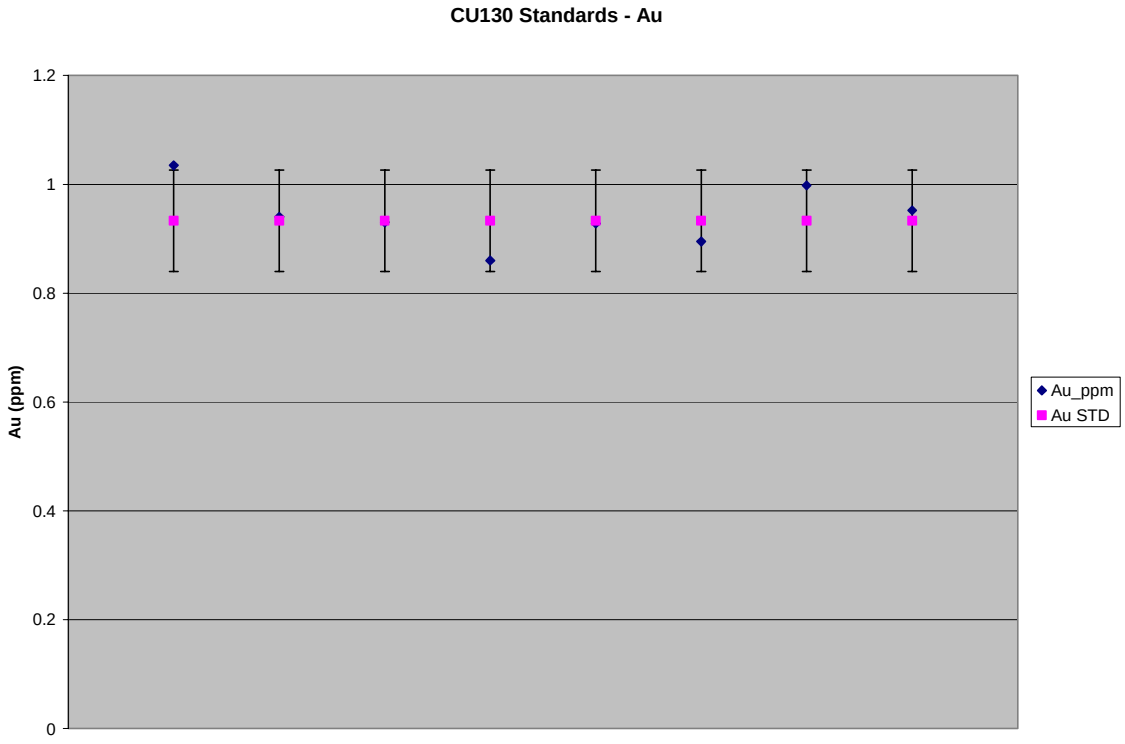


Chart 2: Comparison of Au results from standard CU130 inserted into the rock sample stream in 2006. Horizontal lines show the known values of the standards and vertical error bars indicate a 10% range.

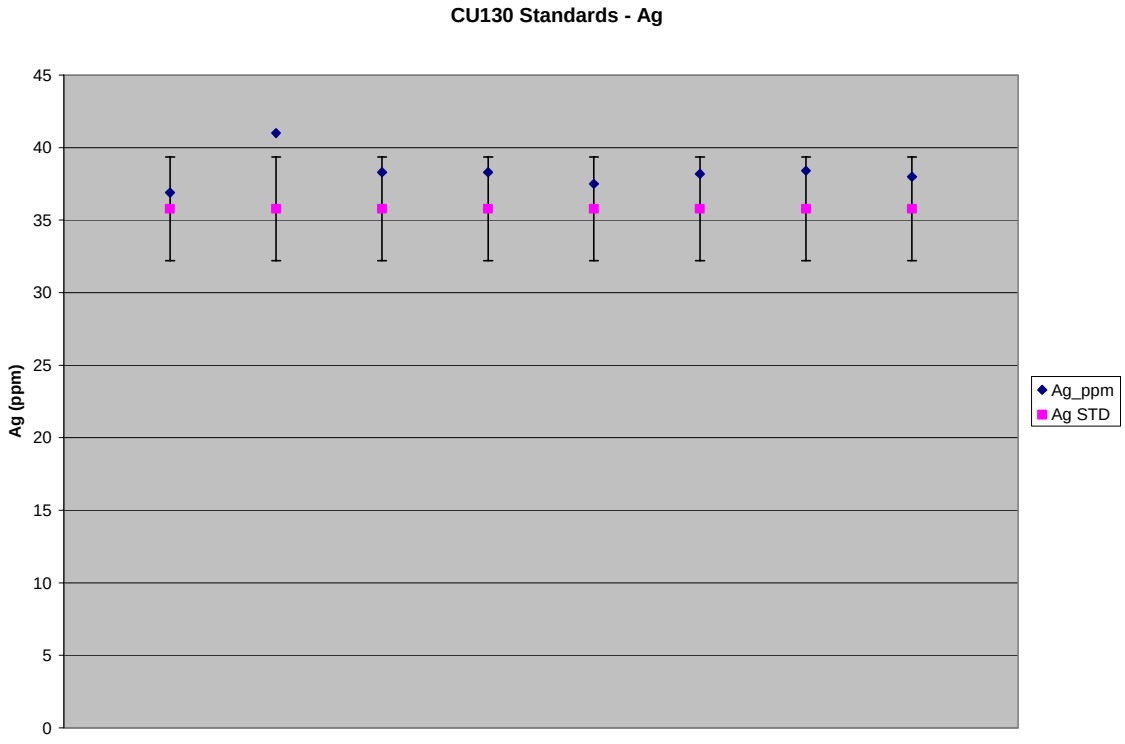


Chart 3: Comparison of Ag results from standard CU130 inserted into the rock sample stream in 2006. Horizontal lines show the known values of the standards and vertical error bars indicate a 10% range.

VII Analytical Interferences

A number of certificates of rock and locally soil samples encountered interference effects when high Ca or Mo values were encountered. In these cases, ALS Chemex reported less-sensitive ICP-AES values as opposed to the ICP-MS values. A number of rock sample certificates noted that REE's may not be totally soluble with ICP-MS and that REE values for these certificates may be low. One rock sample certificate VA06095153 contained samples with high REE values which will interfere with the accuracy of these results; these samples were diluted to mitigate this interference effect. High Cu values in samples on certificate VA06091275 meant that samples were diluted by a factor of 10 and that results for elements with low concentration would be affected.

VII Conclusions

- There is no evidence of tampering with the samples between collection and the laboratory.
- Consistently low values for all metals of interest in the first batch of blank analyses indicate that contamination of soil samples did not take place in the field, or in the lab. The second batch of blanks, obtained from apparently clean fine sand in Whitehorse contained elevated Cu and Au values and was not suitable as blank material.
- Duplicate samples, both field and laboratory duplicates, indicate that sampling is poorly reproducible at all but the lowest levels of precision. Most soils from this field program were collected from poorly developed talus fine soils which may be inherently less reproducible than samples from well-developed soil profiles. As both lab and field duplicates exhibited similar degrees of variability it is likely that this is due to sample variability as opposed to laboratory variability. Laboratory duplicates for rock samples, presumably the parent material for the soils, display the same degree of poor reproducibility.
- Assaying of overlimit Au and U analyses shows that ICP geochemical analysis was reasonably accurate for Au and U in rock samples. Limited screen assaying of high-grade Au analyses indicates a fair degree of variability (±20%) between standard fire assaying and screen assaying and the presence of small quantities (<5 mg) of +80 mesh Au. Overlimit assaying for Ag, Cu, Pb and Zn was also carried out.
- Uranium and Cu-Mo-Au-Ag standards inserted into the rock sample stream compared well with known values of these standards with almost all samples and elements falling within 10% of, and scattering about, their known values. However, it should be noted that Ag values were systematically slightly higher, but within 10%, of standard values.

Appendix G: Compact Disc

Report text, geochemical and drill databases, geophysical files, drafting and plot files, photographs

Appendix H: Geologist's Certificates

GEOLOGIST'S CERTIFICATE

Robert Scott Heffernan
307 / 460 East 6th Avenue
Vancouver, BC, Canada

I, R. Scott Heffernan, P.Geo., am a Consulting Geologist employed by Equity Engineering Ltd., with offices at Suite 700–700 West Pender Street in the City of Vancouver, B.C., in the Province of British Columbia.

I am a member of the Association of Professional Engineers and Geoscientists of Alberta (#M63240).

I am a graduate of the University of Alberta with a Bachelor of Science degree in Geology in 1998, and a graduate of the University of British Columbia with a Master of Science degree in Geological Sciences in 2004, and I have practiced my profession continuously since 1998.

Since 1997 I have been involved in mineral exploration for diamonds, gold, silver, copper, lead, zinc and uranium primarily in Canada and the United States, but including Argentina.

I directed the 2006 exploration program on the Wernecke project. During this program, I planned and supervised geochemical sampling and prospecting, carried out property scale mapping and prepared the reports detailing the results of this exploration program. My most recent personal inspection of the Wernecke properties lasted from June to September, 2006.

Dated at Vancouver, British Columbia, this 25th day of March, 2007.

R. Scott Heffernan, M.Sc., P.Geo.

GEOLOGIST'S CERTIFICATE

Robin S. Black
PH4 / 869 Beatty St.
Vancouver, BC, Canada

I, Robin S. Black, am a Consulting Geoscientist employed by Equity Engineering Ltd., with offices at Suite 700–700 West Pender Street in the City of Vancouver, B.C., in the Province of British Columbia.

I am a graduate of the University of Victoria with an Honours Bachelor of Applied Science degree in Earth Sciences and am a graduate of Acadia University (2005) with a Masters degree in geology and have practiced my profession continuously since 2001.

I am presently a Consulting Geologist and have been since April 2006

I am registered as a G.I.T. in good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

I was a member of the 2006 Wernecke field and management team. This report is based on fieldwork carried out by me or under my direction from June to September, 2006, on publicly available reports and on historical data provided. I have examined the property in the field.

Dated at Vancouver, British Columbia, this 25th day of March, 2007.

Robin S. Black, M.Sc., G.I.T.

ENGINEER'S CERTIFICATE
Henry J. Awmack
1735 Larch Street
Vancouver, BC, Canada

I, Henry Awmack P.Eng., am a Professional Engineer and Principal of Equity Engineering Ltd., with offices at Suite 700–700 West Pender Street in the City of Vancouver, B.C., in the Province of British Columbia.

I am a member in good standing (#15,709) of the Association of Professional Engineers and Geoscientists of British Columbia.

I graduated from the University of British Columbia with a Bachelor of Applied Science (Honours) degree in geological engineering (Mineral Exploration Option) in 1982, and I have practiced my profession continuously since 1982.

Since 1982 I have been involved in mineral exploration for gold, silver, copper, lead, zinc, cobalt, nickel and tin in Canada, Costa Rica, Panama, Chile, Argentina, Brazil, Peru, Ecuador, Venezuela, Nicaragua, Bolivia, Mexico, Indonesia, China, Sénégal and Egypt. As a result of my experience and qualification I am a Qualified Person as defined in N.P. 43-101.

I am a Consulting Geological Engineer and principal of Equity Engineering Ltd, a geological consulting and contracting firm, and have been so since February 1987.

Dated at Vancouver, British Columbia, this 25th day of March, 2007.

Henry J. Awmack, P.Eng.

GEOLOGIST'S CERTIFICATE

Darcy E.L. Baker
1003 / 1127 Barclay Street,
Vancouver, BC, Canada

I, Darcy Baker, am President of Equity Engineering Ltd., with offices at Suite 700–700 West Pender Street in the City of Vancouver, B.C., in the Province of British Columbia.

I am a Geoscientist and President of Equity Engineering Ltd., with offices at #700–700 West Pender Street in the City of Vancouver, B.C., in the Province of British Columbia.

I am a graduate of Dalhousie University (1997) with an Honours Bachelor of Science degree in Geology, and am a graduate of the University of Newcastle, Australia (2003) with a Doctor of Philosophy degree in Geology, and I have practiced my profession continuously since 1997.

Since 1997 I have been involved in mineral exploration for gold, silver, copper, lead and zinc in Canada, Alaska and Australia.

I am presently a Consulting Geologist and have been so since May 2003.

Dated at Vancouver, British Columbia, this 25th day of March, 2007.

Darcy Baker, Ph.D.

GEOLOGIST'S CERTIFICATE

Erik L. Conaghan
1053 Douglas Crescent,
Vancouver, BC, Canada

I, Erik Conaghan, (MAIG) am a Geoscientist employed by Fronteer Development Group Inc., with offices at Suite 1650–1055 West Hastings Street in the City of Vancouver, B.C., in the Province of British Columbia.

I am a Member of the Australian Institute of Geoscientists (AIG, #M3108).

I am a graduate of The University of Queensland (1996) with an Honours Bachelor of Science degree in Earth Sciences, Brisbane, Australia (1997). I have practiced my profession continuously since January 1998.

Since 1998 I have been involved in mineral exploration for gold, silver, copper, molybdenum, lead, zinc and uranium in Australia, Argentina and Canada.

Dated at Vancouver, British Columbia, this 26th day of March, 2007.

Erik Conaghan, B.Sc. (Hons.) MAIG

Appendix I.1: Certificates of Analysis

Rock Geochemistry

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 18-NOV-2006
Account: EIA

CERTIFICATE VA06105213

Project: Werneckes

P.O. No.: FRG06-01

This report is for 15 Rock samples submitted to our lab in Vancouver, BC, Canada on 18-OCT-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL	ROBIN BLACK	DAVID C
I DUNLOP	SCOTT HEFFERNAN	RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
ME-MS61U	47 elements four acid ICP-MS (U pkg)	

To: **EQUITY ENGINEERING LTD.**
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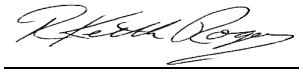
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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VANCOUVER BC V6C 1G8

Finalized Date: 18-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06105213

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
C286929		1.36	6.92	52.4	1360	0.90	8.27	0.28	<0.02	390.00	57.2	74	1.71	6860.0	8.72	20.80

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Finalized Date: 18-NOV-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06105213

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
C286929		0.35	4.0	0.051	4.20	272.0	29.4	0.47	224	40.30	0.06	25.3	36.3	1370	59.2	97.2

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Finalized Date: 18-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06105213

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
C286929		0.050	0.30	7.79	7	34.3	23.0	0.96	5.76	38.9	0.241	1.85	1340.0	89	42.0	54.1

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 18-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06105213

Sample Description	Method	ME-MS61U	ME-MS61U	U-XRF10
	Analyte	Zn	Zr	U
	Units	ppm	ppm	%
	LOR	2	0.5	0.01
C286929		25	131.0	0.14

ALS Chemex
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212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 4-NOV-2006
Account: EIA

CERTIFICATE VA06105210

Project: Werneckes

P.O. No.: FRG06-01

This report is for 1 Other sample submitted to our lab in Vancouver, BC, Canada on 18-OCT-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-01	Bulk Master for Storage
SCR-21	Screen to -100 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS

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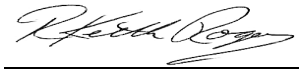
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 4-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06105210

Sample Description	Method Analyte Units LOR	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
286744		16.40	65.0	15.40	1.559	24.00	1140.0	14.90	15.90

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Finalized Date: 11-NOV-2006
Account: EIA

CERTIFICATE VA06104450

Project: Werneckes

P.O. No.: FRG06-01

This report is for 25 Rock samples submitted to our lab in Vancouver, BC, Canada on 20-SEP-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA62	Ore grade Cu - four acid / AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	47 element four acid ICP-MS	

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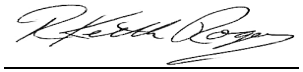
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
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Finalized Date: 11-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104450

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
C286393		1.22	0.331		82.60	1.24	94.8	110	0.29	8.69	0.05	1.02	25.80	507.0	5	1.94
C286396		0.80	0.008		0.28	6.75	40.9	500	0.77	0.87	5.33	<0.02	5.82	101.5	34	1.39
C286397		0.84	0.015		1.10	7.46	117.5	610	0.86	2.42	5.30	0.02	6.60	78.5	28	1.82
C286398		0.96	0.007		0.05	5.73	48.1	380	0.69	1.18	5.03	<0.02	6.71	142.0	26	1.19
C286399		0.76	0.015		0.18	6.73	6.4	320	0.71	0.34	9.80	<0.02	6.70	8.4	17	0.76
C286400		0.84	<0.005		0.02	9.91	10.1	70	2.02	0.39	1.55	<0.02	19.00	38.6	32	0.36
C286605		0.88	0.244		0.49	8.21	2.2	1110	1.55	1.57	3.12	0.03	21.30	47.6	142	1.84
C286607		0.74	1.360	1.17	0.19	7.36	1.9	1350	0.97	0.84	2.77	0.03	79.70	6.7	38	1.19
C286608		1.00	0.014		0.10	7.37	36.1	660	1.15	5.34	2.92	<0.02	71.40	81.7	48	1.75
C286609		1.86	0.007		0.03	7.06	4.6	1110	0.82	0.32	2.07	<0.02	49.70	6.8	42	2.76
C286612		1.58	0.027		0.42	8.32	4.2	890	2.31	0.22	2.01	0.42	104.50	17.3	47	4.81
C286613		1.30	0.012		0.94	7.81	7.4	660	1.98	0.22	0.38	0.03	173.00	121.0	42	3.30
C286769		0.98	<0.005		0.26	6.63	11	650	1.97	0.22	11.90	0.02	96.40	7.4	24	2.59
C286770		0.82	<0.005		0.03	7.22	3.6	270	1.26	0.10	3.00	0.06	100.50	12.4	31	1.23
C286771		1.32	0.015		0.04	7.80	0.9	630	1.80	0.50	3.29	<0.02	138.00	4.3	40	2.27
C287035		0.86	0.080		1.07	4.29	63.7	210	0.99	2.76	0.17	<0.02	228.00	349.0	26	5.63
C287036		1.02	0.009		<0.01	7.01	1.3	5930	1.74	0.06	5.82	<0.02	63.90	8.4	36	3.47
C287037		1.52	0.041		8.99	0.82	585.0	40	0.12	11.90	0.04	0.04	17.45	191.5	17	0.45
C287038		0.58	<0.005		0.02	5.12	14	210	0.84	0.08	15.55	<0.02	96.10	5.3	17	0.39
C287053		1.54	<0.005		0.37	4.28	84.2	40	2.00	1.21	0.05	<0.02	28.70	47.3	25	0.84
C287101		1.24	0.091		0.37	6.58	2.9	160	0.56	0.68	9.53	<0.02	5.53	8.3	16	0.39
C287103		1.34	0.019		0.01	2.54	15.1	180	1.29	0.89	0.43	<0.02	234.00	32.7	19	0.33
C287104		0.94	0.022		<0.01	1.50	15.1	80	0.99	0.84	0.15	<0.02	378.00	47.8	13	0.29
C287105		0.90	0.021		0.07	8.24	54.9	500	1.99	2.00	0.13	<0.02	2.00	61.2	85	1.68
C287107		0.92	<0.005		0.01	7.85	27.4	480	1.16	0.95	2.67	<0.02	27.40	70.9	38	2.08

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 11-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104450

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
C286393		>10000	27.70	3.32	0.38	0.7	4.840	0.41	12.3	13.7	0.58	2420	0.90	0.02	0.9	239.0
C286396		264.0	3.60	21.50	0.12	1.5	0.140	4.83	2.6	27.6	2.67	4520	0.77	0.07	5.0	27.0
C286397		927.0	4.26	21.50	0.13	1.8	0.195	5.24	3.1	29.3	2.60	4730	1.79	0.07	4.3	29.3
C286398		62.1	3.71	15.70	0.12	1.4	0.114	4.23	3.0	22.3	2.49	4230	0.57	0.06	3.5	26.2
C286399		67.6	2.90	14.80	0.11	1.3	0.159	2.43	1.3	4.8	4.46	8510	11.75	2.84	5.0	5.3
C286400		44.2	0.82	23.30	0.08	2.9	0.043	0.58	9.4	2.6	0.64	1670	2.67	7.93	7.2	5.6
C286605		6310.0	7.97	13.15	0.22	0.6	0.313	5.80	9.3	70.8	4.12	1680	8.45	0.98	5.7	61.1
C286607		24.1	7.86	16.55	0.22	1.3	0.143	5.94	45.9	26.2	1.28	7620	8.12	0.11	6.4	32.1
C286608		130.0	4.92	14.20	0.18	2.3	0.094	5.84	36.8	22.7	1.22	3050	1.89	0.11	7.2	101.0
C286609		8.3	11.00	16.35	0.25	1.3	0.103	5.91	28.0	10.3	0.73	4330	6.92	0.09	3.4	29.3
C286612		1140.0	3.72	21.10	0.19	2.6	0.091	2.93	55.3	57.3	1.37	1210	0.87	2.56	11.0	39.8
C286613		744.0	6.86	19.80	0.26	2.5	0.057	3.37	107.0	44.8	1.28	918	5.45	2.24	7.9	91.1
C286769		20.1	1.40	14.80	0.19	0.9	0.013	2.72	47.8	28.1	1.02	1990	3.86	2.60	10.0	16.6
C286770		7.1	4.77	22.00	0.18	0.3	0.043	1.17	56.9	48.0	2.99	1620	0.53	3.09	2.4	40.5
C286771		116.5	2.00	23.30	0.20	0.3	0.037	5.18	79.3	22.6	1.19	932	1.04	0.67	6.3	31.2
C287035		35.8	3.31	12.70	0.22	2.1	0.082	1.91	198.5	24.7	0.19	52	17.55	0.05	5.2	98.4
C287036		9.4	4.37	19.80	0.18	2.0	0.060	4.19	35.7	17.5	3.19	2630	0.75	0.06	8.6	24.9
C287037		>10000	12.55	2.66	0.20	0.3	5.640	0.08	7.7	5.4	0.76	4700	0.61	0.02	0.5	78.6
C287038		61.6	1.27	12.45	0.14	0.5	0.044	0.76	43.8	15.1	1.24	2750	0.18	2.64	3.4	17.7
C287053		>10000	2.30	10.85	0.09	2.0	0.329	0.57	13.5	42.8	3.61	279	3.47	0.04	3.8	57.3
C287101		127.5	2.65	14.55	0.09	1.2	0.146	1.28	1.3	2.6	4.42	7240	21.50	3.70	3.7	4.7
C287103		209.0	4.66	5.72	0.35	11.9	0.034	2.69	130.5	5.9	0.24	707	0.97	0.05	267.0	16.2
C287104		48.4	4.34	4.70	0.48	15.2	0.019	1.56	221.0	6.9	0.13	261	2.44	0.04	291.0	19.4
C287105		18.5	4.19	31.80	0.13	2.1	0.026	4.09	0.9	33.5	1.81	271	7.24	2.24	10.3	110.0
C287107		7.1	3.66	25.90	0.15	2.1	0.096	5.79	14.4	26.1	1.50	3420	0.84	0.09	8.7	38.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 11-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104450

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C286393		40	20.1	27.0	0.004	>10.0	2.57	10	5.7	8.3	0.07	0.42	3.3	0.021	0.18	0.7
C286396		540	1.5	233.0	<0.002	1.44	1.11	<1	4.2	16.0	0.37	0.11	13.4	0.198	0.32	6.3
C286397		700	2.4	251.0	0.007	2.04	3.10	<1	3.5	15.4	0.34	0.32	14.8	0.181	0.38	44.6
C286398		540	1.7	194.5	<0.002	1.92	1.13	<1	3.4	13.7	0.28	0.11	12.7	0.181	0.29	5.9
C286399		710	16.0	84.2	<0.002	0.05	2.35	1	1.0	30.4	0.38	0.06	22.4	0.148	0.17	319.0
C286400		580	2.4	25.0	<0.002	0.11	0.52	<1	0.7	42.3	0.60	<0.05	21.8	0.174	0.06	4.4
C286605		460	7.0	190.0	0.004	0.24	1.01	4	1.5	78.6	0.36	0.38	0.9	0.841	1.03	2.0
C286607		900	3.9	165.0	0.002	0.01	1.37	<1	2.4	23.3	0.51	0.38	16.5	0.162	0.39	19.3
C286608		690	3.8	174.5	<0.002	0.59	0.93	<1	2.4	13.8	0.54	0.16	15.6	0.160	0.67	22.9
C286609		1220	2.2	211.0	<0.002	0.03	1.66	<1	3.0	19.5	0.22	0.27	14.7	0.097	0.53	13.7
C286612		800	24.4	186.5	<0.002	0.21	0.92	<1	1.4	174.0	0.88	0.15	15.4	0.354	0.60	3.6
C286613		580	64.4	175.0	<0.002	2.07	5.18	2	1.2	132.5	0.64	0.77	15.0	0.289	0.67	3.2
C286769		1000	27.4	135.5	<0.002	0.01	0.89	1	1.6	112.5	0.75	0.20	16.0	0.231	0.48	174.0
C286770		810	4.4	40.1	<0.002	0.01	0.61	<1	1.9	31.3	0.23	<0.05	12.7	0.167	0.13	12.1
C286771		530	22.0	146.5	<0.002	0.02	0.73	<1	2.7	44.4	0.51	0.17	21.9	0.202	0.38	102.5
C287035		1140	2.7	110.0	<0.002	2.23	4.56	1	9.9	31.9	0.30	0.30	8.3	0.098	0.27	3.8
C287036		700	2.0	213.0	<0.002	0.16	1.95	<1	3.6	151.5	0.74	<0.05	14.9	0.247	0.23	6.9
C287037		30	24.9	4.4	<0.002	0.85	3.95	3	2.1	6.1	<0.05	0.22	1.4	0.012	<0.02	5.8
C287038		2780	30.6	28.8	<0.002	<0.01	0.43	1	0.9	101.5	0.31	<0.05	20.3	0.106	0.04	214.0
C287053		110	9.9	27.1	<0.002	0.03	8.77	<1	1.1	3.8	0.32	<0.05	11.0	0.094	0.08	11.2
C287101		620	10.5	44.6	<0.002	0.02	1.51	1	0.7	25.5	0.29	0.14	15.9	0.112	0.08	209.0
C287103		660	9.5	72.2	<0.002	0.11	3.34	8	1.9	5.6	25.50	0.32	188.5	0.084	0.16	86.4
C287104		610	10.7	40.4	<0.002	0.18	3.17	10	2.0	5.6	21.20	0.36	221.0	0.067	0.11	97.3
C287105		680	3.7	122.0	0.002	0.62	1.01	4	0.9	17.4	0.96	0.81	14.8	0.108	0.24	14.1
C287107		710	2.0	269.0	<0.002	0.90	1.06	<1	3.8	11.3	0.88	0.09	17.4	0.185	0.35	2.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 11-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104450

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-AA62
	Analyte	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
C286393		8	0.3	4.2	731	19.9	7.73
C286396		58	4.9	10.6	6	45.6	
C286397		55	4.6	11.3	15	56.7	
C286398		42	4.6	9.7	5	41.0	
C286399		25	3.4	33.7	7	40.5	
C286400		34	3.0	9.3	4	89.2	
C286605		203	1.1	22.5	155	12.1	
C286607		74	3.3	14.3	15	41.1	
C286608		60	3.2	12.3	11	70.2	
C286609		77	1.4	10.4	8	40.5	
C286612		77	1.7	19.3	333	83.9	
C286613		77	2.4	16.7	41	82.2	
C286769		60	1.1	41.0	44	27.7	
C286770		52	0.8	17.5	37	8.5	
C286771		99	0.9	12.9	23	9.1	
C287035		47	11.3	9.6	5	62.3	
C287036		66	5.3	12.9	6	63.0	
C287037		6	0.1	6.2	27	10.2	2.14
C287038		19	0.4	38.9	14	13.4	
C287053		35	0.7	10.1	13	66.5	2.13
C287101		18	3.0	26.9	5	42.7	
C287103		77	10.5	162.0	6	431.0	
C287104		69	12.4	220.0	7	>500	
C287105		114	3.0	4.7	45	63.6	
C287107		61	4.6	11.0	8	60.4	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 13-NOV-2006
Account: EIA

CERTIFICATE VA06104409

Project: Werneckes

P.O. No.: FRG06-01

This report is for 2 Other samples submitted to our lab in Vancouver, BC, Canada on 18-OCT-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-01	Bulk Master for Storage
SCR-21	Screen to -100 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS

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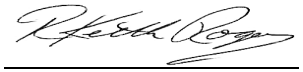
Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 13-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104409

Sample Description	Method Analyte Units LOR	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01	Au-GRA21 Au ppm 0.05
201002		110.5	887	99.6	4.739	5.34	376.8	100	99.1	94.3
286743		92.0	360	85.0	2.763	7.67	290.1	88.5	81.4	

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Finalized Date: 20-NOV-2006
Account: EIA

CERTIFICATE VA06102471

Project: Werneckes

P.O. No.: FRG06-01

This report is for 8 Rock samples submitted to our lab in Vancouver, BC, Canada on 6-OCT-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61U	47 elements four acid ICP-MS (U pkg)	

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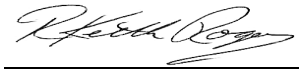
Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 20-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06102471

Sample Description	Method	WEI-21	Au-AA23	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
286166		1.22	<0.005	0.12	5.26	16.0	230	0.99	0.28	3.56	0.03	46.40	4.8	22	1.22	7.2
286478		1.46	0.017	0.24	6.20	4.8	30	1.21	0.37	3.74	<0.02	63.90	7.4	15	0.12	146.0
286479		0.96	0.022	0.15	5.70	414.0	20	0.97	0.60	7.35	<0.02	265.00	786.0	13	0.12	398.0
286480		0.80	0.019	0.07	7.18	21.4	110	2.26	0.14	4.32	<0.02	14.30	71.0	108	0.71	803.0
286482		0.50	<0.005	0.04	6.84	3.3	60	0.43	0.07	1.47	<0.02	490.00	14.1	39	0.16	9.9
286487		0.82	<0.005	0.05	6.25	6.5	270	0.88	0.16	2.35	<0.02	30.60	4.5	24	1.32	4.9
286910		1.16	<0.005	0.07	7.02	11.5	510	1.28	0.20	3.74	<0.02	43.80	4.1	23	1.79	18.7
286911		1.80	0.052	4.50	6.76	21.0	3690	1.98	1.16	3.42	<0.02	86.70	57.9	38	3.52	8880.0

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Finalized Date: 20-NOV-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06102471

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
286166		3.88	23.80	0.19	1.3	0.088	2.69	5.7	43.8	3.52	3860	1.15	0.41	9.4	95.0	900
286478		1.28	17.95	0.10	1.2	0.022	0.12	34.9	1.0	1.50	1880	15.85	5.61	6.3	8.7	720
286479		6.03	13.25	0.27	0.9	0.040	0.08	142.0	1.9	2.79	3470	10.60	4.36	2.2	41.1	690
286480		2.49	23.10	0.07	1.5	0.102	1.19	6.9	9.4	1.68	2510	1.46	4.36	5.0	23.6	790
286482		4.14	20.70	0.34	2.8	0.014	0.33	305.0	1.4	0.80	658	1.10	5.36	5.3	23.8	370
286487		3.38	26.80	0.16	1.3	0.052	3.17	6.1	47.3	3.14	2260	40.30	1.18	7.2	108.0	990
286910		1.93	18.25	0.19	2.1	0.080	3.90	5.4	17.1	1.88	3690	35.30	2.15	12.3	14.0	510
286911		6.03	15.75	0.18	2.2	0.128	6.22	48.7	29.8	2.51	2270	14.00	0.06	6.8	30.1	690

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Finalized Date: 20-NOV-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06102471

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
286166		253.0	94.3	<0.002	0.02	8.33	8	1.7	16.9	0.64	<0.05	153.5	0.218	0.21	1750.0	62
286478		26.0	3.3	<0.002	0.02	1.50	3	2.4	45.3	0.61	0.12	64.2	0.149	0.03	275.0	8
286479		7.5	3.7	<0.002	3.19	0.62	5	0.6	52.4	0.23	0.22	20.2	0.050	0.02	70.1	13
286480		5.1	72.7	<0.002	0.32	0.79	2	3.9	45.3	0.46	<0.05	23.5	0.126	0.08	95.2	148
286482		4.5	10.8	<0.002	0.01	0.50	1	3.1	14.7	0.56	0.07	20.6	0.158	0.02	32.2	48
286487		216.0	98.0	0.018	0.01	4.55	5	1.5	15.7	0.62	<0.05	71.6	0.186	0.23	1150.0	68
286910		292.0	140.5	0.084	0.01	5.54	8	2.3	27.1	1.01	<0.05	132.0	0.229	0.29	2000.0	31
286911		12.3	257.0	0.005	0.27	2.84	8	3.5	45.9	0.62	0.30	15.7	0.204	0.44	40.5	65

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Finalized Date: 20-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06102471

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	U-XRF10
	Analyte	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	%
	LOR	0.1	0.1	2	0.5	0.01
286166		5.7	178.5	50	35.3	0.18
286478		7.0	25.8	3	36.6	
286479		3.2	21.3	5	29.8	
286480		8.7	16.7	5	46.8	
286482		4.0	20.0	3	81.0	
286487		4.4	111.5	54	37.7	0.12
286910		6.8	187.0	11	59.5	0.21
286911		7.1	22.0	8	73.8	

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Finalized Date: 30-OCT-2006
Account: EIA

CERTIFICATE VA06095382

Project: Werneckes

P.O. No.: FRG06-01

This report is for 25 Rock samples submitted to our lab in Vancouver, BC, Canada on 5-SEP-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL	ROBIN BLACK	DAVID C
I DUNLOP	SCOTT HEFFERNAN	RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA62	Ore grade Cu - four acid / AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	47 element four acid ICP-MS	

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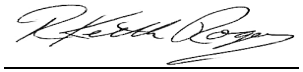
Signature: 

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Finalized Date: 30-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095382

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
C201004		1.46	<0.005		0.04	5.27	4.5	280	1.66	0.16	1.91	0.02	76.10	8.1	53	3.51
C201005		0.70	0.014		0.51	2.35	57.8	120	0.88	3.90	0.03	0.03	31.60	10.6	17	1.10
C201006		2.12	0.018		0.56	1.77	53.4	100	0.93	3.72	0.03	0.02	22.90	8.9	61	1.19
C201007		1.94	0.058		0.60	8.02	38.0	430	3.40	1.05	2.05	0.48	42.80	20.5	56	1.83
C201008		1.70	0.848		8.98	6.72	2610.0	340	2.03	11.10	1.65	0.03	90.00	1760.0	48	2.30
C201018		1.76	0.007		0.34	7.60	11.0	620	1.42	0.32	5.24	0.33	116.50	33.6	55	2.41
C201036		0.18	0.854		0.32	6.05	52.9	90	1.57	25.20	0.10	0.02	12.50	1250.0	79	4.22
C201037		0.74	0.028		0.35	9.46	2.4	1270	3.46	0.69	1.13	<0.02	49.30	49.1	50	8.68
C201041		1.92	0.034		0.69	7.02	8.3	2360	1.37	1.22	0.49	0.02	9.17	82.8	78	2.00
C201042		1.14	0.105		27.30	0.65	56.4	120	0.29	2.02	3.90	0.24	3.73	34.4	17	0.21
C201043		3.70	0.009		0.70	5.33	6.6	2290	0.94	1.21	0.68	0.07	59.00	21.0	63	0.97
C201045		1.64	0.017		0.86	7.88	11.2	1720	0.59	0.69	0.33	0.09	127.50	20.9	49	0.88
C201048		0.06	1.035	0.96	36.90	4.50	1090.0	520	0.29	32.90	6.66	0.42	22.40	41.5	272	1.10
C286601		1.36	<0.005		0.08	3.33	20	190	2.12	0.55	21.10	<0.02	39.00	18.0	16	1.40
C286762		0.88	<0.005		0.05	6.80	5.6	40	1.59	0.02	8.99	0.05	121.50	3.0	23	0.57
C286763		0.78	<0.005		0.02	7.17	14	50	1.97	0.02	10.45	0.08	150.50	3.9	23	1.59
C286764		1.24	0.022		3.29	7.64	2.6	100	0.48	0.28	3.17	0.04	24.50	119.5	148	10.30
C286765		1.28	0.008		0.04	8.36	2.8	100	0.40	0.02	4.24	0.02	24.70	61.2	159	8.65
C286766		1.56	0.021		0.32	7.56	2.0	150	0.42	0.05	3.06	0.02	3.87	89.3	126	8.25
C286940		0.58	0.047		0.41	6.49	5.3	100	0.33	0.54	5.42	0.07	19.65	62.3	127	4.02
C286941		0.14	0.029		1.11	8.20	3.5	120	0.55	0.08	5.78	0.07	16.15	65.1	174	4.88
C286942		0.48	<0.005		0.32	8.74	6.2	30	1.12	2.20	6.09	0.02	24.10	32.8	89	3.03
C286943		1.18	<0.005		0.40	6.20	6.8	590	1.38	0.06	9.97	0.06	55.30	6.3	31	2.21
C286967		1.08	<0.005		0.09	0.37	44.4	80	0.21	0.69	8.57	0.04	5.45	3.8	7	0.51
C287000		0.96	0.089		0.84	8.51	2.6	860	3.41	0.33	0.72	<0.02	24.30	13.9	43	2.72

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095382

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
C201004		31.4	1.88	13.00	0.09	0.9	0.038	2.01	36.8	5.8	0.68	1555	0.67	0.18	5.1	11.6
C201005		1025.0	4.07	6.27	0.07	0.5	0.075	0.41	16.4	27.6	0.52	403	1.88	0.55	1.1	14.5
C201006		1020.0	3.60	5.18	0.06	0.3	0.076	0.43	10.9	22.3	0.48	283	1.08	0.13	1.1	14.3
C201007		6040.0	4.83	27.00	0.12	1.0	0.325	3.74	23.2	29.8	0.97	2780	3.80	0.09	3.3	39.6
C201008		>10000	11.45	18.45	0.21	0.9	1.560	1.95	52.0	45.1	1.74	2180	12.25	0.32	2.1	793.0
C201018		1945.0	3.92	15.65	0.14	1.9	0.034	2.05	61.7	74.5	2.57	1980	2.35	2.20	10.8	77.1
C201036		444.0	9.71	12.80	0.13	1.0	0.047	1.45	5.9	7.0	0.20	106	2.88	1.97	2.0	55.5
C201037		>10000	6.38	28.90	0.13	2.8	0.255	3.97	26.5	15.8	0.62	2540	4.55	0.24	4.6	43.9
C201041		3220.0	10.40	21.40	0.13	1.8	0.127	4.32	4.4	27.5	3.43	392	3.51	0.09	1.9	91.6
C201042		>10000	14.00	2.44	0.12	0.2	1.855	0.29	1.4	2.3	1.81	1705	4.61	0.02	0.3	31.5
C201043		7120.0	1.45	13.10	0.11	1.7	0.081	4.50	34.0	7.4	0.66	403	1.47	0.04	3.5	15.4
C201045		1535.0	8.86	20.40	0.20	2.7	0.074	5.30	72.7	16.2	1.91	347	2.23	0.09	4.4	42.6
C201048		4520.0	4.35	12.50	0.17	0.7	0.201	1.35	16.7	11.3	0.84	1785	721.00	0.67	1.5	19.4
C286601		45.0	2.85	6.70	0.07	0.8	0.016	1.11	20.8	14.7	0.97	3010	2.00	0.38	5.2	15.8
C286762		34.4	0.60	15.20	0.11	0.3	0.021	0.31	69.9	4.3	0.34	1255	0.72	5.00	7.4	9.6
C286763		11.8	0.85	17.30	0.12	0.3	0.029	0.38	96.0	8.5	0.73	1615	0.41	5.15	6.4	18.4
C286764		>10000	12.95	16.95	0.19	0.2	1.025	1.93	13.5	25.0	3.88	530	1.03	3.19	3.1	201.0
C286765		171.5	9.88	18.50	0.11	0.4	0.090	1.67	14.2	21.1	4.32	664	0.42	3.86	3.9	89.6
C286766		3200.0	11.65	20.40	0.13	0.2	0.111	3.00	1.8	35.6	5.00	716	0.41	2.64	3.5	144.5
C286940		>10000	18.25	18.30	0.17	0.4	0.283	1.28	10.7	14.6	3.15	724	1.03	2.75	3.4	126.5
C286941		>10000	9.48	18.50	0.11	0.6	0.234	1.40	7.8	27.3	4.31	1020	9.66	3.11	3.6	98.4
C286942		7860.0	5.24	9.38	0.08	1.2	0.059	0.64	12.0	4.7	3.59	570	0.66	4.94	8.2	54.6
C286943		65.0	1.53	15.55	0.11	0.4	0.017	2.10	22.6	15.9	1.11	2240	0.42	2.95	3.6	26.0
C286967		1490.0	2.57	1.02	<0.05	0.2	0.053	0.14	2.0	4.7	4.24	3680	1.41	0.03	0.5	2.4
C287000		8110.0	3.64	19.45	0.09	2.0	0.092	2.95	11.3	28.7	1.32	579	5.29	3.59	7.7	25.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 30-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095382

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C201004		110	2.7	129.5	<0.002	0.04	0.69	1	1.7	30.6	0.45	<0.05	13.8	0.109	0.66	1.1
C201005		100	4.8	27.9	<0.002	0.17	1.10	1	1.0	11.5	0.09	0.07	19.7	0.030	0.15	1.7
C201006		70	4.2	28.3	<0.002	0.23	1.15	2	1.1	9.8	0.08	0.07	14.8	0.030	0.14	1.0
C201007		1220	56.8	239.0	<0.002	0.24	9.51	2	10.0	10.5	0.23	0.06	17.4	0.126	0.30	1.9
C201008		1170	4.7	136.5	0.004	2.06	2.24	11	3.7	8.8	0.14	4.50	15.2	0.055	0.36	2.4
C201018		760	13.1	90.0	<0.002	0.19	1.19	2	1.6	99.0	0.85	0.21	14.8	0.303	0.41	2.8
C201036		260	6.8	103.5	<0.002	7.82	0.84	12	3.5	29.9	0.16	11.40	4.5	0.060	0.31	1.3
C201037		230	2.8	267.0	<0.002	0.92	0.72	2	4.6	22.7	0.37	0.18	20.3	0.123	0.76	6.7
C201041		830	8.8	79.7	0.002	0.14	4.37	2	1.9	24.3	0.16	0.18	2.7	0.252	0.51	5.8
C201042		160	11.2	11.1	<0.002	3.15	3.02	10	3.5	25.3	<0.05	0.11	0.6	0.017	0.07	6.0
C201043		610	8.3	120.0	<0.002	0.10	2.09	2	3.0	22.7	0.29	0.58	11.5	0.101	0.27	6.1
C201045		1200	21.7	87.6	<0.002	0.06	1.42	1	2.1	18.1	0.36	0.22	18.5	0.111	0.60	6.7
C201048		570	69.2	32.6	0.075	0.73	84.50	8	7.0	287.0	0.10	3.40	1.7	0.117	0.25	2.6
C286601		590	1.7	68.4	<0.002	0.88	0.34	1	1.0	146.0	0.39	<0.05	7.0	0.133	0.42	1.6
C286762		770	15.2	18.8	<0.002	<0.01	1.19	1	1.9	99.4	0.59	<0.05	16.6	0.167	0.06	53.5
C286763		840	22.9	39.7	<0.002	0.01	1.27	2	1.8	124.5	0.57	<0.05	18.8	0.183	0.11	81.9
C286764		370	6.6	124.0	<0.002	3.14	0.24	11	1.2	179.0	0.23	2.08	0.8	0.569	0.31	0.9
C286765		280	4.2	91.7	<0.002	0.02	0.33	1	1.3	185.0	0.28	<0.05	1.0	0.661	0.22	1.3
C286766		260	2.9	150.5	<0.002	0.18	0.19	2	0.8	210.0	0.24	0.12	0.4	0.653	0.40	0.5
C286940		460	7.6	59.6	<0.002	1.28	0.47	6	0.8	266.0	0.24	1.53	0.6	0.551	0.19	1.3
C286941		440	7.6	61.9	0.013	1.22	0.35	4	1.0	288.0	0.24	0.31	0.8	0.547	0.29	0.9
C286942		750	2.8	26.0	<0.002	0.20	0.47	2	1.2	286.0	0.80	0.11	9.2	0.440	0.07	3.5
C286943		790	21.0	89.3	<0.002	0.01	1.41	2	1.1	165.5	0.28	0.29	18.3	0.141	0.33	155.0
C286967		80	2.4	8.8	<0.002	0.01	0.66	1	0.2	37.8	<0.05	<0.05	0.5	0.009	0.68	1.5
C287000		770	7.1	164.5	<0.002	0.51	0.94	2	0.9	140.0	0.57	0.17	16.0	0.204	0.86	22.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095382

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-AA62
	Analyte	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
C201004		33	0.9	6.8	11	25.7	
C201005		13	0.3	2.5	14	11.4	
C201006		13	0.3	2.0	14	11.4	
C201007		84	6.2	10.5	96	29.1	
C201008		34	2.9	9.6	21	28.8	3.30
C201018		73	1.5	31.1	170	63.4	
C201036		37	5.1	13.0	10	30.5	
C201037		69	4.3	11.8	12	87.5	1.53
C201041		292	1.1	5.2	93	61.4	
C201042		39	2.9	6.1	33	5.9	4.68
C201043		38	3.8	12.6	16	50.1	
C201045		109	2.9	11.0	195	86.2	
C201048		60	16.5	9.8	116	21.9	
C286601		27	0.4	34.3	12	27.5	
C286762		28	1.6	25.6	11	5.5	
C286763		35	1.2	25.9	24	8.5	
C286764		262	0.6	12.4	24	3.1	3.94
C286765		267	2.0	19.8	23	5.6	
C286766		252	0.9	6.6	47	4.3	
C286940		405	1.3	14.9	32	4.9	1.72
C286941		239	0.4	16.1	60	8.7	1.29
C286942		130	0.5	18.0	8	36.0	
C286943		38	0.8	43.5	77	8.8	
C286967		2	0.1	3.8	9	7.8	
C287000		64	2.0	25.9	20	73.1	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 24-OCT-2006
Account: EIA

CERTIFICATE VA06095155

Project: Werneckes

P.O. No.: FRG06-01

This report is for 56 Rock samples submitted to our lab in Vancouver, BC, Canada on 15-SEP-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL	ROBIN BLACK	DAVID C
I DUNLOP	SCOTT HEFFERNAN	RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61U	47 elements four acid ICP-MS (U pkg)	

To: **EQUITY ENGINEERING LTD.**
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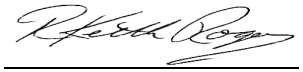
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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CERTIFICATE OF ANALYSIS VA06095155

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61U Ag ppm 0.01	ME-MS61U Al % 0.01	ME-MS61U As ppm 0.2	ME-MS61U Ba ppm 10	ME-MS61U Be ppm 0.05	ME-MS61U Bi ppm 0.01	ME-MS61U Ca % 0.01	ME-MS61U Cd ppm 0.02	ME-MS61U Ce ppm 0.01	ME-MS61U Co ppm 0.1	ME-MS61U Cr ppm 1	ME-MS61U Cs ppm 0.05
201001		0.06	0.017		0.60	7.38	4.7	350	75.10	0.52	2.52	<0.02	50.20	21.7	96	0.50
286169		2.04	0.171		10.10	0.79	6	140	0.38	2.37	15.85	<0.02	19.35	2.7	7	0.39
286391		0.86	0.019		0.46	7.17	3.8	280	1.36	1.09	6.10	<0.02	305.00	9.1	49	2.21
286392		1.26	0.061		0.44	7.44	5.0	630	1.18	1.88	5.80	<0.02	120.00	14.3	46	2.22
286394		0.98	0.007		0.03	1.38	4.8	240	0.57	0.15	4.67	<0.02	93.60	8.1	44	0.50
286602		0.56	0.045		4.22	7.00	3.2	960	5.57	2.68	6.96	0.02	88.70	7.1	40	1.40
286603		1.32	<0.005		2.64	6.10	33.5	600	1.49	0.40	9.04	<0.02	150.00	5.5	28	1.26
286604		0.82	0.026		0.80	5.59	5	1080	1.08	4.69	14.50	<0.02	234.00	11.0	33	1.43
286606		1.24	3.19	3.19	19.40	7.06	7.0	2060	4.32	274.00	2.94	0.02	89.10	10.7	22	1.17
286610		1.24	0.016		0.14	7.85	7.2	2520	0.55	1.02	2.73	<0.02	95.40	9.9	33	1.05
286611		1.52	0.017		0.12	7.85	4.7	2120	0.61	1.15	2.62	<0.02	29.50	8.2	35	2.10
286614		1.44	0.445		5.96	7.68	5.6	1110	2.49	0.17	2.64	<0.02	22.00	11.2	42	10.15
286738		2.76	0.064		0.18	7.29	2.8	1440	0.74	30.00	5.30	<0.02	241.00	13.0	34	0.78
286744		1.74	>10.0	20.0	2.83	6.85	14.1	980	1.23	85.00	3.81	<0.02	103.75	11.2	41	2.68
286745		2.12	0.040		0.17	6.56	7.6	1130	0.21	9.37	8.17	<0.02	7.81	15.1	12	0.41
286746		1.72	0.155		0.21	6.70	41.7	1940	0.41	3.05	6.28	<0.02	274.00	77.6	45	0.84
286856		2.02	0.021		0.07	8.48	4.4	110	1.53	0.62	1.68	0.02	68.70	24.3	142	1.90
286857		1.68	0.007		0.02	9.07	1.3	70	1.19	0.19	0.36	0.02	40.90	4.9	52	0.42
286858		1.86	0.005		0.09	8.84	5.2	80	1.44	0.71	0.24	0.02	52.10	12.1	122	0.64
286864		2.08	0.009		0.10	6.86	10.7	2080	0.63	0.19	6.56	0.02	74.80	7.3	38	1.52
286871		0.06	0.009		0.57	7.68	4.8	360	75.80	0.53	2.52	0.05	62.50	22.5	97	0.52
286873		1.40	0.428		1.42	5.01	9.9	800	0.48	6.48	3.26	<0.02	28.50	20.3	21	2.03
286876		1.22	0.658		6.08	7.29	4.4	1810	0.87	1.81	2.27	0.03	85.70	12.3	34	0.91
286877		1.88	3.04	2.88	5.81	6.16	6.4	660	0.93	50.20	6.83	<0.02	145.50	15.3	124	2.36
286878		0.46	0.014		0.09	5.32	1.2	120	2.87	0.38	0.93	0.04	149.00	7.6	18	1.65
286879		1.44	0.277		0.13	9.03	11.1	280	2.62	2.61	1.99	0.02	139.50	32.6	36	4.65
286880		1.88	0.008		0.15	4.92	3.2	340	2.13	0.48	0.41	<0.02	377.00	38.0	20	2.55
286882		1.86	0.025		0.71	2.01	40.9	80	2.08	0.62	0.62	<0.02	>500	53.3	18	3.41
286884		1.98	0.068		0.04	5.63	3.1	180	2.60	0.17	6.48	<0.02	33.40	8.3	60	6.94
286899		1.26	<0.005		0.63	5.33	140.5	730	0.87	0.18	5.39	<0.02	86.10	141.5	28	1.91
286919		1.08	0.011		0.04	2.78	5.3	280	1.07	0.23	1.53	<0.02	12.55	3.5	55	2.53
286920		0.56	0.088		0.36	5.08	17.2	430	2.21	1.25	0.33	<0.02	42.20	17.4	40	2.76
286923		0.60	0.007		0.02	8.00	2.7	560	1.87	0.18	0.80	<0.02	271.00	4.9	33	3.48
286924		0.22	0.126		0.18	6.77	20.0	60	1.45	4.28	0.25	<0.02	80.60	3.6	15	1.11
286925		0.44	0.005		0.05	8.20	1.8	100	1.28	0.11	0.44	<0.02	9.33	14.5	33	0.71
286972		1.52	<0.005		<0.01	9.08	2.0	1570	3.46	0.03	1.49	0.05	38.50	8.8	20	4.82
286973		2.28	<0.005		<0.01	8.71	2.3	1600	5.12	0.01	2.65	0.02	7.36	4.6	11	5.71
286974		1.42	<0.005		0.02	7.97	7.3	3630	6.37	0.04	3.35	0.03	8.95	1.3	6	4.95
286975		1.16	<0.005		0.02	7.44	6.7	1680	11.80	0.04	5.28	0.07	12.70	7.2	13	6.26
286978		0.84	<0.005		0.16	7.46	5.0	1700	2.44	0.05	8.58	<0.02	>500	13.5	753	2.61

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CERTIFICATE OF ANALYSIS VA06095155

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
201001		72.5	4.98	20.50	0.18	4.7	0.032	0.59	29.8	16.8	1.28	549	38.60	4.10	9.2	174.5
286169		9510.0	6.85	2.12	0.15	0.4	0.759	0.63	9.6	7.4	7.09	5970	53.30	0.04	9.1	11.8
286391		27.0	2.63	20.50	0.39	2.6	0.078	1.95	189.5	9.5	2.76	2990	5.71	3.11	2.6	24.2
286392		97.4	2.42	17.90	0.29	2.4	0.084	4.04	70.7	9.7	2.88	2820	12.75	2.18	5.7	23.7
286394		6.9	1.93	4.15	0.19	0.6	0.039	0.43	57.6	2.9	0.38	2000	1.60	0.55	2.6	12.9
286602		6.1	0.57	14.80	0.27	1.2	<0.005	3.53	41.0	22.5	0.75	1370	49.60	2.95	11.1	18.4
286603		26.7	0.97	14.75	0.50	1.0	<0.005	1.74	36.4	16.7	0.69	1645	0.94	3.21	6.5	21.1
286604		174.5	2.01	16.65	0.26	0.3	0.034	4.58	151.5	26.1	0.88	1750	11.95	0.34	4.3	33.8
286606		19.0	4.00	21.00	0.34	5.0	0.149	4.22	49.7	21.4	0.69	3310	6700.00	0.10	12.6	20.0
286610		6.0	5.41	18.50	0.19	1.1	0.049	6.41	48.3	18.7	1.35	2370	24.20	0.11	25.3	29.4
286611		27.0	5.74	17.25	0.11	1.1	0.060	7.24	15.0	15.2	1.24	2900	24.40	0.10	24.7	27.9
286614		214.0	1.79	17.70	0.08	1.1	0.036	5.17	7.4	30.0	1.30	615	15.90	2.55	17.8	24.5
286738		12.8	4.80	15.45	0.27	1.1	0.053	5.51	137.0	25.6	1.85	3560	11.20	0.12	12.0	47.2
286744		6.2	5.37	17.70	0.59	3.5	0.104	5.38	64.5	23.3	1.38	2630	368.00	0.07	10.4	35.3
286745		2.5	5.33	6.54	0.14	2.8	0.128	6.60	3.0	1.8	1.83	6530	134.50	0.11	9.2	21.4
286746		6.0	7.44	11.80	0.26	1.7	0.114	6.16	187.5	12.2	2.12	4880	6.40	0.08	5.9	122.0
286856		5.2	5.83	17.75	0.15	15.0	0.038	0.42	31.0	24.2	1.23	1675	7.53	4.75	24.0	74.7
286857		2.1	4.32	12.15	0.07	2.8	0.007	0.17	21.4	8.6	0.47	322	1.10	6.68	6.4	27.0
286858		0.9	4.89	15.00	0.12	13.5	0.019	0.27	23.2	21.0	1.02	272	3.48	5.43	25.8	70.9
286864		10.2	2.93	13.15	0.11	2.2	1.420	6.33	42.0	14.1	2.75	2170	3.21	0.07	9.1	7.9
286871		68.4	5.12	21.70	0.12	4.7	0.050	0.60	29.8	15.5	1.31	565	41.90	4.25	8.8	182.5
286873		150.0	1.70	7.94	0.13	1.2	0.030	5.65	8.6	7.1	1.37	1680	16.65	0.07	5.3	17.2
286876		2640.0	4.83	17.25	0.18	1.4	0.050	6.74	46.0	21.4	0.75	1370	30.20	0.11	5.8	19.2
286877		45.5	9.27	16.10	0.29	1.7	0.143	3.73	77.0	45.7	3.60	8220	4.70	0.05	8.2	80.6
286878		49.6	5.21	34.30	0.21	9.3	0.073	1.10	73.5	23.1	0.68	1085	1.51	1.91	41.9	8.4
286879		7.1	8.19	37.30	0.26	2.1	0.109	4.64	74.5	85.0	2.36	940	2.09	0.04	5.4	81.9
286880		2200.0	5.50	35.80	0.42	11.2	0.099	3.10	184.5	27.7	0.42	912	1.85	0.04	54.6	7.1
286882		17.7	10.20	16.20	0.72	13.1	0.026	0.90	291.0	18.5	0.48	223	12.10	0.02	325.0	32.0
286884		114.0	4.41	22.10	0.10	0.5	0.097	3.02	17.8	75.4	3.19	2930	0.18	0.07	3.1	35.1
286899		875.0	3.92	10.15	0.13	2.6	0.111	5.34	48.8	11.7	2.84	3340	6.02	0.05	7.8	24.9
286919		20.0	3.32	9.05	0.07	0.8	0.030	1.22	3.7	15.0	0.65	544	1.01	0.08	4.6	18.3
286920		20.7	2.07	14.05	0.14	3.5	0.069	1.42	11.2	25.4	0.48	328	13.85	1.00	11.6	30.3
286923		8.2	1.55	16.85	0.26	1.8	0.032	1.32	150.0	15.5	0.42	363	0.52	3.89	6.4	22.1
286924		12.5	2.53	9.04	0.29	1.1	0.163	0.20	12.8	11.8	0.42	405	3.87	4.44	21.1	24.2
286925		9.8	2.63	11.35	0.05	1.1	0.011	0.31	4.6	26.6	1.23	494	1.47	4.91	3.6	52.3
286972		37.2	1.51	20.50	0.08	0.7	0.021	4.70	21.7	21.3	0.98	539	1.30	2.17	4.6	13.9
286973		14.6	1.37	19.75	0.06	0.6	0.025	4.20	3.9	26.7	0.97	759	0.17	2.39	3.8	6.7
286974		3.9	0.56	14.05	0.07	0.7	0.032	6.27	3.5	10.5	0.37	436	0.29	1.59	8.8	0.8
286975		11.9	1.07	13.40	0.11	1.0	0.041	3.74	4.5	26.3	0.75	908	0.13	1.69	14.5	2.9
286978		138.0	3.08	82.80	8.25	1.6	0.117	3.98	>500	17.2	0.67	1755	31.70	1.41	3.0	6.9

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 24-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095155

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	P	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
201001		640	518.0	26.9	0.054	0.18	0.61	5	5.1	190.0	1.01	0.10	16.3	0.349	0.11	1740.0
286169		210	93.9	22.2	0.002	0.75	12.65	8	0.5	48.2	0.36	1.00	167.5	0.133	0.02	1100.0
286391		2250	21.1	80.3	0.002	0.02	3.05	2	1.1	56.8	0.24	0.57	18.5	0.161	0.20	570.0
286392		730	86.9	106.5	0.005	0.04	5.39	4	1.6	48.3	0.57	0.42	26.2	0.241	0.43	1160.0
286394		3520	110.5	24.3	<0.002	0.07	1.98	2	0.6	66.8	0.19	<0.05	8.6	0.069	0.43	339.0
286602		1160	123.0	134.5	0.006	0.01	1.58	3	0.8	66.4	0.86	2.38	20.4	0.275	0.52	490.0
286603		840	187.5	91.0	0.003	<0.01	10.40	11	0.9	91.7	0.70	0.10	35.9	0.252	0.16	1370.0
286604		2300	179.0	124.5	0.011	0.09	1.64	4	1.3	140.5	0.36	2.27	56.1	0.153	0.21	380.0
286606		3380	155.0	125.8	2.340	0.33	9.97	473	6.0	40.2	1.16	128.50	69.4	0.293	0.12	2290.0
286610		660	19.8	127.5	0.009	0.02	3.34	4	1.8	38.5	1.60	0.44	38.4	0.222	0.51	277.0
286611		640	14.6	192.0	0.007	0.01	2.48	4	2.3	28.9	1.77	0.49	36.9	0.230	0.54	347.0
286614		920	117.5	262.0	0.002	0.02	2.27	3	2.1	69.3	1.57	1.55	25.4	0.358	1.00	201.0
286738		650	20.8	145.0	0.004	0.09	2.13	6	2.6	33.7	0.70	17.05	31.9	0.215	0.47	384.0
286744		2100	54.0	216.0	1.045	0.04	6.77	140	3.3	25.4	0.79	45.80	37.6	0.288	0.52	1360.0
286745		830	14.2	143.0	0.024	0.05	2.60	20	1.4	40.7	0.45	5.32	25.9	0.224	0.35	202.0
286746		740	16.9	161.0	0.018	1.18	1.40	4	2.8	29.3	0.42	0.86	15.8	0.137	0.40	75.3
286856		740	44.3	22.0	0.002	0.04	4.49	5	3.1	76.7	1.83	0.22	129.0	0.493	0.07	790.0
286857		410	10.0	10.1	<0.002	<0.01	0.94	2	1.2	106.5	0.61	0.08	37.7	0.140	0.04	154.5
286858		280	30.9	18.8	0.002	<0.01	6.22	5	2.4	92.7	1.83	0.14	239.0	0.476	0.06	1320.0
286864		690	6.4	107.0	0.002	0.07	2.66	2	1.6	26.4	0.75	<0.05	12.8	0.240	0.52	5.7
286871		660	508.0	26.8	0.058	0.19	0.23	5	5.9	201.0	0.98	0.09	12.6	0.353	0.16	1770.0
286873		1360	179.0	138.5	0.028	0.05	4.18	10	0.5	24.0	0.50	2.54	41.3	0.170	0.24	1090.0
286876		1110	18.9	173.5	0.012	0.22	1.19	12	3.0	26.8	0.46	4.21	16.6	0.152	0.43	139.0
286877		1500	20.9	129.5	0.004	<0.01	5.91	7	1.0	22.6	0.51	37.90	4.1	0.425	0.22	427.0
286878		10	2.9	108.5	<0.002	<0.01	1.33	3	5.6	5.5	1.91	0.27	58.1	0.060	0.22	10.9
286879		680	28.4	331.0	<0.002	0.03	6.98	5	2.0	6.6	0.64	1.46	34.4	0.106	0.66	660.0
286880		200	3.5	221.0	0.004	0.19	1.77	5	3.0	2.3	3.10	0.12	75.0	0.061	0.42	11.7
286882		2880	14.2	86.2	0.004	0.11	4.20	15	0.8	4.5	6.32	0.37	340.0	0.038	0.17	73.1
286884		630	6.8	278.0	<0.002	0.01	7.35	2	1.0	16.0	0.18	0.05	37.9	0.073	0.42	244.0
286899		610	19.5	177.5	0.003	0.02	3.08	6	2.4	25.4	0.66	0.06	12.8	0.183	0.38	127.0
286919		1880	41.1	94.8	<0.002	<0.01	4.30	3	1.3	14.5	0.48	<0.05	203.0	0.133	0.20	1330.0
286920		360	315.0	108.0	0.002	0.04	11.20	9	3.7	23.0	0.94	0.44	453.0	0.357	0.27	4330.0
286923		780	13.6	99.1	<0.002	0.01	2.11	2	2.6	70.5	0.45	<0.05	85.6	0.133	0.29	392.0
286924		270	165.0	14.2	0.003	<0.01	28.60	16	1.1	68.2	1.92	0.15	>1000	0.609	0.18	9200.0
286925		120	8.0	21.2	<0.002	0.02	1.11	2	0.9	76.9	0.35	0.05	45.7	0.081	0.08	213.0
286972		340	6.0	412.0	<0.002	0.03	1.02	2	1.2	155.0	0.37	<0.05	68.6	0.158	1.40	178.5
286973		470	4.9	356.0	<0.002	0.01	1.03	2	0.8	212.0	0.38	<0.05	13.4	0.073	1.53	72.7
286974		3590	19.4	371.0	0.002	<0.01	1.59	4	2.0	210.0	0.81	<0.05	33.6	0.246	1.75	440.0
286975		590	34.6	296.0	0.002	<0.01	2.42	6	2.8	149.5	1.38	<0.05	84.5	0.336	1.26	960.0
286978		1860	189.0	127.0	0.018	0.03	3.82	18	4.1	451.0	0.40	<0.05	349.0	0.759	0.56	933.0

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VANCOUVER BC V6C 1G8

Finalized Date: 24-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095155

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
201001		655	3.0	21.0	82	177.5	0.17
286169		9	11.8	54.2	35	16.5	0.10
286391		113	6.2	33.2	4	78.4	
286392		50	10.0	67.5	4	68.5	0.12
286394		24	1.7	30.1	15	18.2	
286602		121	1.5	39.7	22	30.1	
286603		20	2.1	195.0	11	19.0	0.14
286604		224	1.0	29.6	16	9.0	
286606		41	7.6	84.5	41	176.5	0.24
286610		36	2.2	18.4	10	32.8	
286611		44	1.9	16.6	15	33.9	
286614		64	1.8	35.5	15	31.6	
286738		56	5.1	27.0	5	34.8	
286744		73	3.3	66.0	17	133.0	0.14
286745		41	4.0	24.6	5	97.4	
286746		72	1.1	17.5	22	52.7	
286856		69	27.1	72.1	16	455.0	
286857		27	6.9	14.0	10	89.0	
286858		58	21.1	76.2	14	412.0	0.14
286864		59	4.8	18.4	8	69.3	
286871		708	2.8	21.3	84	185.0	0.17
286873		10	1.6	90.4	5	30.5	0.11
286876		71	1.4	20.2	11	49.3	
286877		177	7.6	86.6	21	52.6	
286878		12	0.9	36.2	11	374.0	
286879		191	1.4	54.5	21	64.3	
286880		6	0.9	44.3	4	413.0	
286882		157	2.4	245.0	7	>500	
286884		76	0.8	23.0	8	16.2	
286899		46	4.1	36.5	5	83.9	
286919		26	1.8	40.9	11	24.1	0.13
286920		37	10.4	155.5	9	100.5	0.47
286923		28	5.7	28.9	7	53.2	
286924		11	10.6	263.0	10	14.9	1.02
286925		22	3.2	8.5	18	34.0	
286972		36	2.3	28.5	24	21.8	
286973		10	4.0	12.8	35	17.8	
286974		6	11.7	67.3	18	18.0	
286975		8	18.6	176.5	43	25.3	
286978		540	4.6	411.0	41	23.8	

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CERTIFICATE OF ANALYSIS VA06095155

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61U Ag ppm 0.01	ME-MS61U Al % 0.01	ME-MS61U As ppm 0.2	ME-MS61U Ba ppm 10	ME-MS61U Be ppm 0.05	ME-MS61U Bi ppm 0.01	ME-MS61U Ca % 0.01	ME-MS61U Cd ppm 0.02	ME-MS61U Ce ppm 0.01	ME-MS61U Co ppm 0.1	ME-MS61U Cr ppm 1	ME-MS61U Cs ppm 0.05
287003		1.78	<0.005		<0.01	6.66	6.1	160	1.70	0.07	4.51	0.02	19.30	2.9	42	2.30
287039		1.36	<0.005		0.45	6.29	0.9	60	0.81	0.12	9.84	0.02	97.30	1.8	39	0.89
287040		0.48	0.006		0.05	5.85	20.7	350	1.39	0.13	2.40	0.03	26.10	5.4	29	0.86
287041		0.46	0.010		0.03	5.92	2.7	200	0.92	0.03	3.82	<0.02	11.15	4.9	27	0.96
287042		0.58	0.008		0.05	4.95	16.3	150	0.89	0.15	6.03	<0.02	36.60	5.0	32	0.81
287043		1.20	<0.005		0.02	6.15	6.3	170	1.14	0.02	4.34	<0.02	18.40	5.7	23	1.14
287044		0.76	<0.005		0.06	5.99	16.4	270	0.80	0.25	3.81	<0.02	42.60	3.8	26	1.08
287045		1.06	<0.005		0.06	6.00	11.4	220	0.90	0.21	3.61	<0.02	43.20	5.5	34	1.32
287046		1.04	0.008		0.06	6.48	19.4	250	0.92	0.31	2.05	0.02	43.30	4.9	33	1.11
287047		1.02	0.006		0.08	5.77	14.8	400	1.21	0.22	5.43	<0.02	20.60	4.9	26	0.79
287048		0.96	0.007		0.07	5.94	14.5	210	1.43	0.11	2.12	<0.02	15.85	3.5	34	1.05
287049		1.12	0.008		0.07	5.01	17.7	460	0.87	0.17	4.26	0.02	24.20	3.1	21	0.66
287051		0.96	0.012		0.08	5.09	16.9	210	2.18	0.13	4.23	<0.02	22.50	4.4	29	0.75
287052		0.78	0.007		0.06	5.89	22.4	150	1.35	0.27	3.15	<0.02	43.00	4.7	26	0.95
287102		0.92	0.046		0.16	5.48	7	80	0.51	0.44	10.15	<0.02	5.84	17.1	23	0.27
287106		0.96	<0.005		0.06	6.52	23.0	310	1.01	0.27	2.30	<0.02	26.10	12.4	31	1.25

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Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
287003		5.2	1.72	22.70	0.06	0.9	0.055	1.08	9.2	15.7	1.20	2250	0.25	4.01	7.8	40.1
287039		366.0	1.22	14.80	0.12	1.2	0.026	0.64	48.7	21.9	0.46	1445	0.58	3.71	5.9	8.3
287040		7.5	2.51	21.70	0.15	1.2	0.040	1.87	4.5	27.5	2.27	2170	1.16	2.00	5.7	73.9
287041		3.3	3.72	23.40	0.10	1.2	0.037	2.69	4.2	41.5	3.82	3100	4.37	0.93	4.8	109.0
287042		4.9	4.57	22.10	0.19	1.7	0.093	2.27	5.0	46.2	4.74	4930	5.83	0.27	10.2	108.5
287043		1.7	4.29	26.10	0.12	1.2	0.044	2.38	4.5	54.9	4.61	3100	1.58	0.98	4.6	133.5
287044		6.1	2.64	18.20	0.19	1.4	0.079	2.24	6.2	33.6	2.72	4040	0.57	1.72	7.7	55.6
287045		2.4	4.23	25.00	0.19	1.8	0.098	2.94	7.5	51.1	3.59	4320	0.61	0.29	8.7	107.5
287046		4.9	3.34	25.30	0.21	1.4	0.082	3.10	6.3	50.2	2.97	2560	3.04	1.33	9.2	108.5
287047		6.2	3.40	19.55	0.13	1.3	0.058	2.43	3.1	31.1	3.73	4600	0.17	1.40	5.7	66.4
287048		7.6	2.97	23.90	0.11	1.2	0.037	1.47	3.0	37.4	2.80	1840	4.72	2.00	7.0	96.5
287049		11.9	1.93	13.80	0.12	1.4	0.039	2.39	4.4	13.3	2.36	2840	0.45	1.69	4.6	28.5
287051		4.6	3.59	21.20	0.13	1.3	0.054	1.58	3.0	41.9	3.80	3540	6.18	1.20	5.8	92.4
287052		9.4	4.47	26.30	0.23	1.7	0.077	1.81	5.4	61.6	3.88	3380	1.29	0.96	7.6	127.5
287102		22.9	2.77	12.65	<0.05	1.1	0.155	0.63	1.6	2.4	4.55	7380	20.70	3.52	3.3	7.0
287106		3.7	3.65	26.20	0.15	1.4	0.063	4.11	5.4	54.2	3.11	2730	0.43	0.69	7.3	101.0

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Finalized Date: 24-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095155

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	P	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
287003		760	16.8	72.2	<0.002	<0.01	2.49	2	2.2	57.5	0.75	<0.05	19.2	0.257	0.25	101.5
287039		690	28.9	61.1	0.002	0.04	1.51	4	1.0	82.1	0.54	<0.05	29.2	0.186	0.15	620.0
287040		1690	99.4	67.2	0.002	0.01	3.61	7	1.3	22.2	0.49	<0.05	92.1	0.191	0.13	1540.0
287041		870	63.8	77.8	0.009	<0.01	1.24	2	0.9	15.4	0.36	<0.05	17.3	0.115	0.18	260.0
287042		910	96.0	74.1	0.003	<0.01	5.92	8	1.3	17.2	0.66	<0.05	84.6	0.209	0.16	1470.0
287043		830	61.1	67.6	<0.002	<0.01	1.76	4	0.9	17.6	0.36	<0.05	26.3	0.131	0.16	760.0
287044		1080	257.0	75.7	0.003	0.02	7.27	8	1.5	20.6	0.54	<0.05	120.5	0.200	0.17	1960.0
287045		1070	169.5	106.5	0.002	<0.01	6.75	8	1.8	14.7	0.69	<0.05	76.5	0.226	0.23	1590.0
287046		1060	280.0	85.0	0.008	0.02	8.53	9	1.7	15.7	0.62	<0.05	131.5	0.220	0.21	2020.0
287047		670	105.5	80.2	0.002	0.04	3.88	6	1.2	21.8	0.48	<0.05	69.8	0.178	0.15	1180.0
287048		760	104.0	52.5	0.002	0.01	3.76	4	1.3	18.8	0.52	0.05	65.7	0.199	0.11	780.0
287049		1080	107.0	70.7	0.002	0.01	3.11	7	1.0	25.9	0.42	<0.05	70.1	0.162	0.14	1400.0
287051		610	146.5	52.4	0.003	0.03	3.37	6	1.0	17.5	0.42	<0.05	49.2	0.167	0.11	1390.0
287052		1500	125.5	62.8	0.003	0.04	8.37	11	1.3	15.9	0.60	<0.05	177.5	0.239	0.14	2460.0
287102		530	10.1	25.6	<0.002	0.08	1.15	2	0.6	25.7	0.25	0.06	14.8	0.093	0.05	163.0
287106		980	183.0	114.5	0.002	0.07	5.12	5	1.9	14.0	0.55	<0.05	56.5	0.181	0.28	1090.0

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VANCOUVER BC V6C 1G8

Finalized Date: 24-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095155

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
287003		35	7.6	21.6	24	27.5	
287039		31	2.4	75.4	7	34.2	
287040		60	3.0	123.0	43	29.7	0.16
287041		59	3.0	29.4	53	35.1	
287042		68	4.9	147.5	48	43.0	0.16
287043		70	3.0	57.0	71	34.8	
287044		31	4.1	167.5	28	34.9	0.19
287045		61	6.7	158.0	49	43.4	0.16
287046		57	5.8	181.5	48	31.7	0.21
287047		37	4.3	109.0	41	33.4	0.12
287048		71	3.4	67.7	56	32.1	
287049		27	2.5	107.0	21	34.2	0.14
287051		46	3.1	112.5	61	32.7	0.15
287052		60	5.3	202.0	67	38.6	0.25
287102		14	2.2	26.0	5	36.1	
287106		52	4.4	97.2	47	37.5	0.11

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Finalized Date: 20-OCT-2006
Account: EIA

CERTIFICATE VA06095153

Project: Werneckes

P.O. No.: FRG06-01

This report is for 9 Rock samples submitted to our lab in Vancouver, BC, Canada on 15-SEP-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL	ROBIN BLACK	DAVID C
I DUNLOP	SCOTT HEFFERNAN	RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61U	47 elements four acid ICP-MS (U pkg)	

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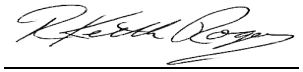
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 20-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095153

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61U Ag ppm 0.01	ME-MS61U Al % 0.01	ME-MS61U As ppm 0.2	ME-MS61U Ba ppm 10	ME-MS61U Be ppm 0.05	ME-MS61U Bi ppm 0.01	ME-MS61U Ca % 0.01	ME-MS61U Cd ppm 0.02	ME-MS61U Ce ppm 0.01	ME-MS61U Co ppm 0.1	ME-MS61U Cr ppm 1	ME-MS61U Cs ppm 0.05
201002		0.90	>10.0	99.2	5.06	7.71	21.7	1310	1.96	324.00	4.00	0.02	56.70	5.8	26	5.48
286173		2.02	0.065		0.50	5.31	16.7	270	1.56	3.36	9.50	<0.02	96.50	24.8	15	6.00
286395		1.38	0.301		1.84	8.22	13.6	850	1.71	285.00	4.51	<0.02	41.60	21.6	64	2.73
286615		0.08	0.014		0.30	2.31	260.0	200	12.70	13.65	1.31	<0.02	>500	6.3	29	3.08
286743		2.88	>10.0	95.0	6.73	6.45	36.7	1110	1.66	362.00	6.12	0.02	50.00	9.2	37	3.06
286874		1.88	0.132		0.54	7.39	13.6	1710	3.22	4.33	3.48	<0.02	92.80	6.6	113	18.80
286922		0.22	0.040		0.11	2.30	63.9	330	2.50	7.32	0.23	<0.02	251.00	13.3	82	1.99
286977		0.40	0.008		0.09	8.21	15.9	770	5.28	0.39	1.28	<0.02	>500	26.1	72	7.97
287050		1.20	0.006		0.15	5.09	20.0	220	1.36	0.27	5.31	<0.02	36.40	5.0	51	0.96

Comments: Samples 286615, 286922, 286977 have highly mineralized rare earth elements that will interfere with the accuracy of the results.

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Finalized Date: 20-OCT-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095153

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
201002		9.8	5.05	20.40	0.72	11.2	0.134	4.51	23.9	24.4	1.23	2730	429.00	0.08	16.1	30.8
286173		217.0	4.29	15.55	0.45	3.1	0.083	2.00	42.2	26.8	4.05	4880	5.41	1.77	6.4	46.4
286395		32.5	2.64	20.10	0.28	2.3	0.081	2.85	20.8	12.3	2.21	2490	12.40	2.90	9.0	25.5
286615		2310.0	2.15	16.75	4.04	13.3	0.356	0.60	>500	68.8	1.25	4430	3.43	0.20	106.5	3.5
286743		12.0	5.34	18.55	2.67	7.3	0.153	4.34	55.5	26.1	2.09	3710	1130.00	0.07	22.5	24.8
286874		190.5	2.55	28.80	0.33	1.7	0.079	4.27	57.2	70.6	1.95	1165	3.44	0.14	5.4	42.0
286922		23.3	2.71	11.00	1.01	2.3	0.380	0.58	51.3	23.6	0.94	646	4.21	0.05	22.7	47.5
286977		82.0	1.09	17.95	0.79	2.6	0.046	1.92	425.0	20.6	0.45	963	2.72	3.39	11.8	5.1
287050		9.6	3.08	19.10	0.23	1.4	0.035	1.39	7.3	32.1	3.64	3200	1.02	1.54	8.0	67.8

Comments: Samples 286615, 286922, 286977 have highly mineralized rare earth elements that will interfere with the accuracy of the results.

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Finalized Date: 20-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095153

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	P	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
201002		3990	160.0	178.0	0.673	0.01	18.80	133	3.9	27.5	1.14	182.00	72.3	0.365	0.87	4610.0
286173		1890	116.0	142.5	0.006	0.11	26.10	14	0.5	31.0	0.69	1.07	121.5	0.367	0.25	4520.0
286395		880	98.4	109.0	0.005	0.12	9.25	31	1.0	54.4	0.94	154.00	20.4	0.310	0.38	2870.0
286615		150	4250.0	80.1	0.057	<0.01	173.00	326	12.3	124.0	7.62	2.61	>1000	>10.0	0.34	>10000
286743		3440	189.0	183.0	4.390	0.05	23.90	657	3.9	35.5	1.72	204.00	80.0	0.476	0.52	5750.0
286874		730	113.0	203.0	0.009	0.01	28.80	12	0.7	11.1	0.71	0.64	76.6	0.282	0.79	2540.0
286922		220	536.0	51.2	0.011	<0.01	80.40	50	2.3	24.9	1.52	0.51	>1000	1.950	0.13	>10000
286977		270	271.0	194.5	0.004	0.06	14.05	27	0.9	154.5	2.05	0.15	>1000	0.724	1.45	>10000
287050		2340	208.0	52.9	0.004	0.01	6.43	11	1.4	24.4	0.56	0.11	157.0	0.233	0.05	2240.0

Comments: Samples 286615, 286922, 286977 have highly mineralized rare earth elements that will interfere with the accuracy of the results.

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Finalized Date: 20-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095153

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
201002		73	4.4	159.0	18	366.0	0.48
286173		38	3.5	302.0	18	89.5	0.45
286395		77	14.8	68.3	5	61.6	0.29
286615		<1	106.0	>500	21	102.0	>15.0
286743		60	8.9	180.0	17	255.0	0.58
286874		43	5.5	148.5	12	41.8	0.28
286922		2	30.2	>500	10	21.6	4.07
286977		17	4.9	>500	10	52.9	1.22
287050		46	4.2	190.0	40	31.8	0.21

Comments: Samples 286615, 286922, 286977 have highly mineralized rare earth elements that will interfere with the accuracy of the results.

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Finalized Date: 20-OCT-2006
Account: EIA

CERTIFICATE VA06091278

Project: Werneckes

P.O. No.: FRG06-01

This report is for 72 Rock samples submitted to our lab in Vancouver, BC, Canada on 23-AUG-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA62	Ore grade Cu - four acid / AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	47 element four acid ICP-MS	

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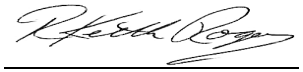
Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 20-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06091278

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
C286353		0.94	0.020		4.01	4.57	65.3	20	0.31	20.30	1.21	3.60	100.50	52.4	29	0.42
C286354		1.28	0.020		1.12	2.32	20.3	80	0.31	1.58	0.69	<0.02	169.50	413.0	11	0.18
C286355		1.44	0.013		0.15	6.23	64.0	650	0.21	1.27	0.30	0.03	>500	66.4	48	0.35
C286356		1.32	0.038		0.28	6.99	42.8	30	0.95	5.48	4.08	<0.02	11.15	102.0	38	0.20
C286357		1.30	0.044		1.21	0.93	56.0	80	0.05	20.00	1.11	0.02	8.22	43.2	1	0.08
C286358		1.30	0.066		0.50	6.91	5210.0	390	2.13	0.81	3.66	<0.02	100.50	3380.0	41	1.69
C286359		0.86	0.029		0.82	8.27	1200.0	500	3.08	0.69	1.45	<0.02	83.90	791.0	52	2.38
C286360		1.32	0.061		0.98	6.62	>10000	330	1.82	1.67	2.81	<0.02	60.10	>10000	40	1.33
C286361		1.24	0.008		0.43	6.28	50.6	440	2.16	0.28	3.98	<0.02	28.10	53.6	34	1.49
C286362		1.20	0.028		0.45	5.77	76.3	290	1.61	1.47	5.17	<0.02	107.00	279.0	28	1.24
C286363		0.94	0.029		0.88	7.98	308.0	410	2.57	1.68	1.48	<0.02	71.20	256.0	44	1.73
C286364		1.04	0.045		2.42	6.73	20.3	850	3.87	0.51	5.40	0.03	401.00	24.8	44	2.14
C286365		0.88	0.010		2.65	6.20	5.5	730	1.45	8.15	1.53	0.02	65.10	10.0	41	1.24
C288628		Not Recvd														
C288629		Not Recvd														
C288630		Not Recvd														
C288631		Not Recvd														
C288632		Not Recvd														
C288633		Not Recvd														
C288634		Not Recvd														
C288635		Not Recvd														
C288636		Not Recvd														
C288637		Not Recvd														
C286751		0.84	0.008		0.08	6.66	9.1	1330	1.92	0.22	5.26	<0.02	70.10	20.2	41	3.91
C286752		0.66	0.013		0.23	7.27	7.6	3350	2.23	0.30	2.99	0.02	95.20	17.1	49	4.09
C286753		0.80	<0.005		0.03	8.38	3.8	1320	2.62	0.06	5.74	0.02	34.90	12.4	51	4.51
C286754		0.60	0.015		0.07	7.49	39.9	1010	2.21	1.82	1.94	<0.02	45.70	87.0	48	2.10
C286855		1.32	0.021		0.04	0.52	3.1	70	0.24	0.99	3.33	0.03	6.75	43.7	28	0.59
C286926		0.64	0.017		0.17	3.52	76.4	190	0.41	1.50	0.40	<0.02	5.52	79.6	35	0.87
C286927		0.76	0.810		3.42	3.27	20.8	80	1.00	304.00	0.39	0.02	329.00	76.9	27	0.86
C286928		0.92	0.206		1.49	0.91	1210.0	240	0.19	11.50	1.71	0.50	326.00	930.0	6	0.36
C286929		0.86	0.978		1.45	7.95	54.6	1510	0.92	8.49	0.31	<0.02	409.00	58.0	79	1.81
C286930		0.66	0.118		0.93	5.07	23.5	1530	1.11	14.50	0.95	0.02	>500	78.5	34	1.56
C286931		0.72	1.455	1.58	3.02	5.10	253.0	300	0.93	4.02	0.76	0.02	>500	303.0	31	0.76
C286932		0.48	0.034		0.50	1.48	60.8	90	0.24	8.35	0.15	0.02	31.30	118.5	12	0.20
C286933		0.50	0.082		0.86	0.18	32.2	160	<0.05	7.82	0.06	<0.02	12.15	72.2	23	0.07
C286934		0.62	0.069		0.61	0.38	189.5	70	0.08	12.95	0.26	0.02	>500	639.0	35	0.17
C286967		1.76	0.087		0.52	7.19	24.2	380	2.40	3.71	4.76	<0.02	125.50	57.0	73	5.87
C286968		2.30	<0.005		0.03	8.07	3.8	400	3.64	0.23	5.71	<0.02	10.85	93.1	81	4.73
C286969		0.76	0.007		0.10	7.34	16.8	420	4.33	1.27	2.93	<0.02	137.50	82.9	10	1.37

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 20-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06091278

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
C286353		6100.0	5.48	7.71	0.24	0.5	0.933	0.12	48.6	27.4	0.81	814	0.54	1.91	5.2	45.1
C286354		178.0	32.30	6.62	0.57	0.6	0.115	0.03	115.5	11.0	1.91	16050	7.81	0.04	5.4	151.0
C286355		17.1	8.27	17.40	0.83	1.1	0.014	4.48	367.0	24.0	1.30	1040	2.91	0.34	4.7	61.9
C286356		47.1	7.28	15.55	0.13	1.0	0.023	0.09	6.2	16.1	2.14	2050	10.85	4.26	8.2	146.5
C286357		1680.0	38.30	2.92	0.34	0.5	1.085	0.05	4.5	9.7	2.11	13650	120.00	0.03	1.0	128.5
C286358		>10000	3.27	17.90	0.20	1.9	0.136	3.85	53.2	9.1	1.65	3300	4.95	0.08	4.0	119.0
C286359		>10000	3.75	21.30	0.19	2.4	0.138	4.54	43.5	11.3	0.78	2140	8.62	0.37	3.7	81.3
C286360		9480.0	4.75	14.35	0.16	1.6	0.139	3.36	32.9	7.6	1.30	3420	8.84	0.30	2.4	417.0
C286361		3830.0	4.37	15.50	0.15	1.4	0.137	3.55	15.0	12.9	1.36	4140	1.99	0.28	3.1	26.0
C286362		6310.0	5.05	13.90	0.21	1.4	0.120	3.21	62.2	5.9	1.98	6020	26.80	0.33	1.9	30.7
C286363		>10000	3.85	19.80	0.18	2.4	0.128	4.15	37.5	7.2	0.65	1950	11.00	0.35	2.9	31.3
C286364		4290.0	2.26	20.40	0.49	1.4	0.100	3.57	208.0	37.8	1.23	1525	3.18	0.44	4.9	31.5
C286365		1255.0	3.93	10.65	0.16	0.6	0.041	2.14	33.8	11.8	0.42	532	1.50	2.49	4.4	7.1
C288628																
C288629																
C288630																
C288631																
C288632																
C288633																
C288634																
C288635																
C288636																
C288637																
C286751		83.4	6.09	16.35	0.19	1.7	0.181	4.94	41.5	36.5	2.58	3310	2.22	0.05	7.0	25.9
C286752		318.0	5.88	18.75	0.22	2.2	0.195	5.45	56.7	47.1	1.83	3050	6.18	0.07	9.5	20.3
C286753		25.3	2.45	22.00	0.14	0.9	0.030	4.58	18.8	32.1	1.32	862	0.49	2.09	7.3	23.7
C286754		24.4	7.28	17.65	0.19	1.3	0.105	5.22	27.5	44.6	1.17	6540	5.93	0.08	5.3	77.8
C286855		165.0	1.56	1.81	0.07	0.1	0.017	0.21	3.5	3.6	1.26	2080	3.26	0.04	0.3	28.0
C286926		1245.0	7.74	11.65	0.12	1.0	0.026	1.87	2.0	25.1	1.16	340	10.85	0.47	6.4	46.5
C286927		>10000	16.50	12.15	0.51	0.9	3.390	0.94	201.0	33.5	0.98	424	278.00	0.02	6.1	43.2
C286928		>10000	26.40	8.23	0.53	0.3	0.296	0.20	225.0	10.2	0.76	2390	161.50	0.01	15.4	59.8
C286929		7270.0	9.61	22.80	0.49	3.9	0.054	5.44	289.0	30.1	0.53	254	39.60	0.06	26.3	39.6
C286930		5990.0	15.15	19.20	0.70	1.5	0.078	1.67	>500	86.1	1.73	1015	80.50	0.03	18.7	50.7
C286931		>10000	24.80	20.60	0.89	1.4	0.308	3.01	>500	24.3	1.02	209	82.70	0.03	12.7	112.5
C286932		145.5	4.10	3.71	0.10	0.4	0.026	0.05	18.0	38.0	1.90	250	48.90	0.01	0.9	27.2
C286933		142.0	1.62	0.64	0.06	0.2	0.009	0.03	8.2	10.8	0.15	66	10.55	0.01	0.5	24.7
C286934		207.0	12.00	12.55	1.57	0.3	0.006	0.03	>500	13.4	0.40	56	89.20	0.02	11.4	71.8
C286967		2710.0	4.05	17.00	0.18	2.2	0.116	2.11	71.2	41.2	1.31	1455	9.88	1.58	10.5	43.0
C286968		34.5	1.64	14.65	0.07	0.8	0.022	2.44	7.2	21.5	0.83	985	2.82	3.15	2.5	9.0
C286969		60.5	1.89	14.95	0.17	0.3	0.005	1.26	82.9	6.3	0.17	185	8.66	4.28	3.7	9.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA06091278

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C286353		320	62.6	6.9	<0.002	2.08	1.29	10	0.8	75.9	0.43	1.71	6.3	0.205	<0.02	1.4
C286354		1740	19.1	1.5	0.003	9.31	5.95	10	1.1	10.1	0.14	3.23	3.5	0.044	0.03	9.2
C286355		1290	8.6	101.0	<0.002	1.71	1.40	3	1.2	16.6	0.40	0.31	14.3	0.138	0.23	7.8
C286356		880	7.1	4.1	<0.002	3.35	11.10	3	0.7	34.8	0.64	0.38	13.4	0.247	0.02	1.6
C286357		370	114.0	2.7	0.016	>10.0	11.25	6	0.3	4.0	0.05	0.74	1.1	0.011	0.34	5.0
C286358		940	2.8	207.0	<0.002	1.18	1.04	2	1.4	18.3	0.34	0.10	14.7	0.139	0.28	8.2
C286359		910	2.9	246.0	0.003	1.06	1.52	3	2.0	13.0	0.30	0.21	18.9	0.143	0.38	19.2
C286360		810	3.6	167.0	<0.002	2.16	1.05	3	1.5	11.9	0.21	0.56	11.7	0.115	0.45	10.6
C286361		790	2.1	198.5	<0.002	0.48	1.30	2	2.2	30.1	0.24	0.10	13.1	0.128	0.38	6.6
C286362		770	3.9	161.0	0.005	2.56	1.27	3	1.5	28.6	0.14	0.09	11.2	0.076	0.38	14.2
C286363		810	3.1	221.0	0.004	2.10	1.06	3	1.5	13.7	0.24	0.25	18.4	0.112	0.58	12.8
C286364		790	5.9	187.0	0.010	0.19	0.84	3	2.3	136.5	0.42	0.15	21.9	0.145	0.31	5.9
C286365		640	8.6	94.7	<0.002	0.04	0.93	2	1.4	90.9	0.39	0.05	14.1	0.166	0.31	1.8
C288628																
C288629																
C288630																
C288631																
C288632																
C288633																
C288634																
C288635																
C288636																
C288637																
C286751		650	5.6	224.0	<0.002	0.20	3.55	1	3.3	24.9	0.61	0.05	12.2	0.200	0.67	5.9
C286752		890	7.1	281.0	<0.002	0.08	5.78	2	3.6	33.1	0.83	0.07	15.1	0.249	0.52	4.7
C286753		800	15.3	210.0	<0.002	0.02	0.65	2	2.3	204.0	0.60	<0.05	12.9	0.246	0.36	36.4
C286754		770	3.9	156.5	<0.002	0.62	1.00	2	2.6	20.0	0.38	0.18	15.6	0.134	0.39	34.3
C286855		100	4.8	13.3	<0.002	0.19	0.51	3	0.4	20.9	<0.05	0.63	0.6	0.009	0.04	0.9
C286926		1970	5.0	89.6	<0.002	5.66	0.36	3	1.6	9.1	0.51	0.11	7.3	0.198	0.35	8.3
C286927		2370	17.1	56.7	0.340	3.54	2.16	21	4.5	27.5	0.21	2.73	8.5	0.061	0.17	139.0
C286928		2570	12.3	14.6	0.032	0.71	2.42	24	4.3	222.0	0.40	2.06	4.7	0.026	0.05	132.0
C286929		1520	59.1	138.5	0.053	0.34	7.79	9	35.7	23.5	0.96	5.79	37.8	0.250	1.81	>500
C286930		1540	4.3	98.9	0.014	0.26	1.59	8	43.0	182.5	0.54	6.22	11.2	0.127	0.47	45.9
C286931		3670	14.6	115.0	0.102	2.25	1.85	31	22.2	30.3	0.19	2.45	10.0	0.064	0.54	111.0
C286932		670	8.4	1.9	<0.002	0.95	1.91	3	0.7	5.2	0.06	0.22	1.8	0.015	1.46	9.1
C286933		140	5.0	1.5	<0.002	1.20	4.37	2	0.4	2.4	<0.05	0.14	0.5	0.007	1.43	2.0
C286934		2100	9.0	1.5	0.010	>10.0	3.16	12	0.9	7.8	0.11	1.37	13.3	0.028	0.04	3.5
C286967		910	8.3	146.0	<0.002	0.98	1.60	3	1.8	92.7	0.83	0.13	13.2	0.297	2.04	13.0
C286968		450	3.9	176.5	<0.002	0.28	0.60	2	0.6	158.0	0.25	<0.05	4.4	0.069	0.76	1.5
C286969		570	6.0	63.2	<0.002	1.04	0.57	2	0.3	321.0	0.29	0.13	3.2	0.023	0.35	1.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA06091278

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-AA62
	Analyte	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
C286353		33	16.3	29.3	615	11.4	
C286354		54	3.5	11.0	24	19.2	
C286355		54	2.2	9.7	14	36.8	
C286356		58	1.4	10.5	10	32.3	
C286357		24	1.8	4.4	4	16.0	
C286358		99	1.7	12.3	8	61.0	1.01
C286359		126	1.6	11.2	8	74.8	1.29
C286360		94	1.3	8.0	5	52.5	
C286361		59	2.2	10.1	3	47.7	
C286362		69	1.7	10.3	6	43.9	
C286363		115	1.3	9.9	8	71.2	1.93
C286364		100	2.7	20.9	8	46.3	
C286365		35	1.3	12.5	24	17.2	
C288628							
C288629							
C288630							
C288631							
C288632							
C288633							
C288634							
C288635							
C288636							
C288637							
C286751		57	6.4	15.7	14	53.5	
C286752		66	6.0	18.7	16	70.1	
C286753		68	1.2	14.9	6	31.0	
C286754		46	3.5	8.5	10	41.3	
C286855		4	0.6	10.2	19	3.8	
C286926		43	1.4	12.2	9	34.4	
C286927		42	16.3	14.8	21	29.3	5.22
C286928		75	49.2	16.7	11	14.1	1.21
C286929		91	43.1	52.5	24	127.0	
C286930		47	16.7	27.6	64	45.5	
C286931		73	24.1	40.5	64	41.7	3.02
C286932		18	2.3	5.2	22	12.6	
C286933		3	1.3	3.5	2	7.8	
C286934		20	9.9	12.1	4	9.5	
C286967		111	2.3	23.5	32	77.2	
C286968		33	1.0	5.3	18	26.6	
C286969		8	1.2	5.0	13	10.3	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 20-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06091278

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
C286970		1.82	<0.005		0.08	7.77	1.4	560	2.40	0.42	1.64	<0.02	79.30	15.5	48	4.40
C286971		1.20	<0.005		0.09	8.10	6.6	1590	2.34	0.25	1.29	<0.02	227.00	67.4	69	3.97
C286963		Not Recvd														
C286964		Not Recvd														
C286965		Not Recvd														
C286966		Not Recvd														
C286859		0.82	<0.005		0.03	11.40	15.1	290	6.46	0.10	1.59	0.03	111.50	22.8	92	4.03
C286860		1.92	<0.005		0.33	7.68	8.6	390	0.72	0.22	0.98	0.02	212.00	39.7	47	4.60
C286861		1.42	0.149		0.85	6.85	28.8	1850	0.61	0.33	6.87	<0.02	34.90	35.1	18	2.31
C286862		0.64	<0.005		0.39	1.72	32	170	0.67	4.38	16.30	<0.02	15.00	15.1	11	0.36
C286863		2.04	<0.005		0.53	1.42	103	150	0.68	4.30	17.60	0.10	18.35	51.2	8	0.29
C286865		1.26	0.057		0.07	4.11	3.1	570	1.02	0.12	0.83	0.02	91.70	2.3	26	2.00
C286866		2.20	0.038		0.22	6.95	26.0	1020	2.33	0.46	3.80	<0.02	241.00	72.4	34	4.21
C286867		1.82	0.011		0.91	1.57	<5	170	0.89	8.21	18.70	<0.02	37.70	8.5	8	0.97
C286868		1.28	0.017		16.50	4.67	7	320	0.70	7.72	18.70	0.04	69.30	140.5	18	1.29
C286869		1.16	0.054		2.05	0.21	35.5	20	0.15	1.07	5.09	0.06	61.80	19.9	8	0.30
C286870		0.06	0.895		38.20	4.51	1420.0	510	0.66	33.00	6.92	0.02	24.10	39.5	255	1.23
C286921		0.46	0.024		0.36	4.37	7.7	560	1.32	2.92	0.28	<0.02	>500	14.2	30	2.72
C286976		1.58	<0.005		0.50	8.07	2.3	2190	4.39	0.16	0.83	0.02	5.94	7.0	4	3.49
C286872		0.06	0.998		38.40	4.41	1335.0	500	0.72	32.60	6.73	0.70	24.80	38.4	251	1.19
C286215		0.94	0.351		0.68	1.44	1170.0	170	0.55	3.69	0.20	<0.02	57.80	147.0	24	0.86
C286170		1.18	<0.005		0.19	7.20	8.8	530	2.12	1.73	0.04	0.03	89.70	19.6	39	8.42
C286728		0.48	<0.005		8.73	0.13	128.5	10	0.07	0.58	0.20	0.13	2.58	1.3	7	0.24
C286729		1.08	2.05	2.87	2.91	1.45	45.4	20	0.64	195.00	0.23	1.92	33.00	68.5	25	0.35
C286730		0.82	0.006		1.37	4.49	8.7	50	5.86	0.81	2.85	2.10	45.20	80.5	20	0.33
C286731		0.56	0.048		1.12	2.59	14.1	600	0.82	1.88	8.70	<0.02	>500	22.1	12	0.33
C286732		0.72	0.030		1.76	1.37	9.5	80	0.45	1.60	0.16	0.41	19.70	39.2	17	0.65
C286733		0.70	0.192		29.90	2.74	4.9	140	0.27	19.45	4.09	0.15	22.50	2.0	10	0.69
C286734		1.48	0.237		19.15	1.63	<0.2	140	0.43	23.00	6.77	0.15	53.00	2.5	6	0.69
C286735		1.60	0.194		4.89	2.14	1455.0	110	0.62	20.00	0.02	0.03	55.40	40.7	15	1.04
C286736		1.12	0.274		12.60	4.31	101.5	650	0.35	18.65	2.31	0.02	212.00	138.5	4	0.66
C286737		0.72	0.273		6.53	0.07	453.0	20	0.07	92.70	0.06	0.44	1.84	828.0	9	0.31

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 20-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06091278

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
C286970		3130.0	3.51	17.65	0.18	1.9	0.061	2.85	40.2	67.2	1.96	1195	0.90	2.25	12.3	30.7
C286971		34.6	3.08	24.90	0.31	1.5	0.018	4.29	139.0	59.0	1.75	970	2.50	1.77	4.3	39.3
C286963																
C286964																
C286965																
C286966																
C286859		404.0	4.94	27.10	0.22	1.6	0.043	1.37	59.2	121.5	1.04	532	0.50	2.48	12.2	33.4
C286860		5260.0	5.14	18.95	0.34	1.0	0.187	1.55	119.5	44.9	1.12	794	0.64	1.06	5.9	36.5
C286861		1380.0	5.16	16.80	0.18	3.2	0.145	5.18	20.4	26.8	3.67	2150	5.23	0.06	4.8	12.4
C286862		429.0	1.39	3.81	0.08	0.6	0.112	1.05	8.4	12.2	10.20	1010	1.15	0.03	2.0	8.7
C286863		1895.0	1.41	3.34	0.08	0.5	0.361	0.83	11.2	10.2	11.10	1165	1.67	0.02	1.6	23.1
C286865		1760.0	1.27	12.25	0.15	1.1	0.068	2.18	53.5	12.1	0.24	56	1.95	0.03	4.3	9.6
C286866		3160.0	8.21	18.20	0.30	1.1	0.111	3.51	129.0	16.1	0.45	2150	6.16	0.05	5.2	65.8
C286867		9530.0	1.97	4.43	0.11	0.4	0.044	0.58	21.4	3.2	1.08	4930	52.90	<0.01	2.8	8.9
C286868		7970.0	2.36	10.25	0.11	0.6	0.113	0.64	42.0	13.5	0.37	1575	3.90	0.05	5.9	13.2
C286869		>10000	7.36	0.87	0.13	0.1	1.980	0.08	34.9	0.9	1.77	3640	6.64	0.01	0.2	59.4
C286870		4460.0	4.42	12.60	0.12	0.6	0.216	1.49	19.2	14.0	0.87	1855	762.00	0.67	1.8	17.2
C286921		123.0	5.75	15.40	0.68	1.2	0.041	1.59	379.0	6.1	0.26	122	14.90	0.62	3.6	30.7
C286976		88.2	0.44	11.85	0.09	0.9	0.015	4.89	3.1	5.5	0.23	230	0.61	2.78	2.7	1.4
C286872		4440.0	4.32	13.00	0.45	0.7	0.210	1.47	18.3	14.2	0.85	1810	728.00	0.66	1.6	16.8
C286215		>10000	4.16	4.06	0.15	0.4	0.673	0.69	28.3	1.9	0.13	97	2.53	0.04	0.6	53.7
C286170		258.0	4.58	17.25	0.13	2.1	0.047	2.64	41.7	16.2	0.47	143	0.99	0.90	12.4	37.9
C286728		89.0	14.40	0.47	0.10	0.1	0.016	0.06	1.4	1.3	0.01	50	1.93	0.01	0.2	2.7
C286729		293.0	4.40	3.41	0.10	0.3	0.075	0.05	17.2	15.2	0.22	121	1.82	0.38	0.8	120.0
C286730		838.0	4.15	3.94	0.11	1.0	0.035	0.13	22.8	9.7	1.42	1680	2.18	2.82	4.5	60.0
C286731		3930.0	9.75	11.30	0.45	0.6	0.181	0.10	394.0	87.3	3.74	9480	57.40	0.06	3.2	33.8
C286732		>10000	18.30	4.86	0.12	0.3	0.092	0.35	10.4	15.0	0.36	430	4.78	0.04	1.2	32.4
C286733		>10000	16.35	7.08	0.49	1.0	1.855	1.25	12.0	8.8	1.95	2950	1.71	1.08	1.9	5.4
C286734		>10000	15.30	4.64	0.65	0.4	1.790	1.05	28.5	9.4	3.13	5540	3.76	0.29	1.3	3.4
C286735		>10000	28.90	5.30	0.45	0.8	1.215	1.00	25.5	1.0	0.06	1215	0.76	0.01	1.9	40.1
C286736		>10000	13.30	10.25	0.56	1.0	5.710	4.73	123.5	9.7	0.82	3190	106.00	0.08	2.0	41.6
C286737		2150.0	24.10	0.30	0.30	<0.1	0.093	0.03	0.7	1.5	0.12	587	2.13	0.01	0.1	4680.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA06091278

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C286970		770	2.8	146.0	<0.002	0.19	0.60	2	2.7	75.7	0.97	0.05	14.2	0.350	0.64	5.1
C286971		630	3.1	221.0	<0.002	0.29	0.74	2	1.7	91.4	0.34	<0.05	20.5	0.315	0.80	6.1
C286963																
C286964																
C286965																
C286966																
C286859		640	31.0	78.9	<0.002	0.01	0.48	2	2.1	453.0	1.07	<0.05	15.0	0.380	0.55	2.5
C286860		460	9.0	112.0	<0.002	0.43	0.47	2	1.5	57.9	0.47	<0.05	11.4	0.148	0.56	2.8
C286861		910	6.7	108.5	<0.002	0.34	7.83	3	2.9	40.8	0.36	0.06	6.1	0.445	0.64	41.8
C286862		180	6.8	32.2	<0.002	0.06	1.12	2	0.5	35.1	0.16	<0.05	2.9	0.065	0.14	1.3
C286863		180	7.2	26.2	<0.002	0.04	1.54	2	0.4	30.8	0.13	<0.05	2.7	0.048	0.13	1.6
C286865		3550	13.0	116.5	<0.002	0.09	0.35	2	1.6	22.0	0.28	0.16	9.7	0.129	0.25	4.3
C286866		860	5.3	215.0	<0.002	0.55	0.72	5	2.7	33.1	0.30	0.31	14.9	0.149	0.53	9.9
C286867		1110	11.0	39.7	0.032	0.29	0.29	2	0.6	228.0	0.20	0.26	7.0	0.080	0.11	34.3
C286868		590	4.8	28.0	<0.002	1.15	0.29	6	1.5	399.0	0.46	0.19	8.8	0.182	0.10	6.1
C286869		160	8.8	4.4	<0.002	0.26	2.85	3	2.6	33.4	<0.05	0.09	0.6	<0.005	0.04	8.4
C286870		580	66.9	34.1	0.073	0.78	87.20	5	2.9	303.0	0.11	3.48	1.5	0.124	0.23	2.6
C286921		860	12.3	118.0	0.002	0.09	2.01	3	2.7	23.5	0.45	1.86	81.7	0.123	0.28	254.0
C286976		450	5.9	283.0	<0.002	0.02	0.61	2	0.5	338.0	0.25	<0.05	6.0	0.051	1.16	7.5
C286872		560	70.1	37.4	0.072	0.77	85.20	9	3.0	297.0	0.10	3.10	1.6	0.119	<0.02	2.7
C286215		990	4.7	30.9	<0.002	2.65	2.68	15	1.8	6.3	<0.05	0.07	1.8	0.026	0.03	0.9
C286170		160	23.0	169.5	<0.002	1.55	0.76	2	2.5	45.2	1.03	<0.05	17.4	0.312	0.80	2.6
C286728		100	21.6	2.8	<0.002	>10.0	8.20	2	<0.2	3.6	<0.05	<0.05	0.3	<0.005	33.20	0.5
C286729		30	103.5	3.2	<0.002	2.21	1.70	7	0.2	65.1	0.06	27.30	2.3	0.019	0.22	0.8
C286730		1020	173.5	11.5	<0.002	2.43	3.90	4	0.2	27.9	0.32	0.24	6.4	0.138	0.09	8.1
C286731		870	12.0	8.2	0.016	0.94	3.06	6	2.5	52.5	0.10	0.48	6.6	0.032	0.19	16.2
C286732		210	16.8	23.1	<0.002	2.21	14.45	4	1.6	7.9	0.05	0.31	4.3	0.033	0.02	2.2
C286733		300	17.0	39.4	<0.002	>10.0	1.90	18	1.2	16.8	0.19	0.31	6.3	0.053	<0.02	31.3
C286734		290	12.2	39.2	<0.002	>10.0	1.64	21	1.4	19.6	0.13	0.15	4.8	0.036	<0.02	27.6
C286735		350	5.1	50.2	<0.002	0.16	319.00	4	1.6	8.4	0.11	0.29	6.3	0.031	0.08	7.9
C286736		1150	6.5	137.5	0.021	8.94	6.33	22	3.1	16.5	0.17	4.31	5.8	0.024	0.22	35.6
C286737		10	172.5	1.5	<0.002	>10.0	86.50	42	0.2	3.7	<0.05	1.50	<0.2	<0.005	0.04	0.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA06091278

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-AA62
	Analyte	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
C286970		54	1.9	18.4	25	62.3	
C286971		110	1.9	20.7	36	49.4	
C286963							
C286964							
C286965							
C286966							
C286859		89	1.0	25.8	85	51.2	
C286860		55	0.9	15.2	58	33.7	
C286861		249	9.8	30.2	10	109.0	
C286862		27	0.6	11.2	10	20.3	
C286863		28	0.4	12.5	8	16.8	
C286865		52	2.2	9.8	6	34.5	
C286866		57	2.6	10.9	12	33.5	
C286867		22	0.6	17.2	9	13.3	
C286868		82	0.8	16.5	22	18.7	
C286869		7	0.2	13.9	32	4.1	1.63
C286870		64	16.1	10.2	113	18.4	
C286921		39	4.5	18.6	5	34.9	
C286976		2	1.9	10.1	9	27.7	
C286872		62	15.0	9.5	119	19.7	
C286215		8	0.3	4.1	12	11.0	1.56
C286170		48	2.2	16.3	36	57.8	
C286728		1	0.2	1.4	81	2.7	
C286729		10	0.3	5.3	1070	9.5	
C286730		11	7.4	32.2	1030	29.6	
C286731		36	2.8	34.0	35	16.7	
C286732		76	7.5	2.8	76	8.3	2.00
C286733		19	0.8	9.7	16	23.7	18.20
C286734		15	0.5	18.0	15	15.0	16.60
C286735		18	1.0	3.6	18	20.5	2.21
C286736		17	3.3	15.3	9	15.9	12.65
C286737		1	0.1	1.0	102	0.6	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 24-OCT-2006
Account: EIA

CERTIFICATE VA06091275

Project: Werneckes

P.O. No.: FRG06-01

This report is for 71 Rock samples submitted to our lab in Vancouver, BC, Canada on 29-AUG-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL	ROBIN BLACK	DAVID C
I DUNLOP	SCOTT HEFFERNAN	RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA62	Ore grade Cu - four acid / AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	47 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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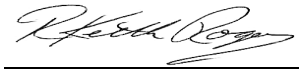
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

ALS Chemex
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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 24-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06091275

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
C286875	1.40	0.124		0.56	6.34	4.9	380	1.59	2.50	2.34	<0.02	71.10	34.6	22	4.59
C286881	2.06	<0.005		0.73	6.37	5.3	790	1.14	1.11	4.75	0.03	143.50	7.1	43	1.80
C286883	1.84	1.340	1.16	3.06	7.16	10.0	950	1.35	3.53	2.17	<0.02	274.00	46.4	40	3.78
C286885	2.02	0.105		1.91	7.34	5.1	680	1.65	0.57	1.17	<0.02	41.40	20.1	50	6.58
C286886	2.10	0.164		2.68	5.28	41.8	600	1.44	3.52	6.23	<0.02	48.90	144.0	18	4.04
C286887	1.84	<0.005		0.54	6.87	5	2050	1.05	0.08	12.35	0.09	7.73	72.4	22	2.22
C286888	2.24	0.020		0.10	6.34	4.1	2310	0.22	1.69	2.79	0.02	41.60	48.2	35	0.29
C286889	1.68	0.286		1.12	2.02	118.0	150	0.76	19.70	0.94	0.05	2.65	479.0	12	1.67
C286890	0.28	0.016		17.80	0.09	51.1	130	<0.05	8.51	0.10	0.39	0.82	36.4	<1	<0.05
C286891	1.56	0.006		0.03	6.94	4.4	6220	0.69	0.27	0.13	0.03	9.45	18.6	36	2.01
C286892	2.22	0.154		0.20	4.19	14.1	6450	0.69	0.96	0.30	<0.02	354.00	8.8	23	1.60
C286893	0.70	<0.005		0.39	1.14	12.7	1090	1.27	2.02	0.03	0.03	34.10	46.7	10	0.66
C286894	0.12	<0.005		3.79	0.26	30.5	70	0.19	3.88	0.40	<0.02	3.75	24.5	<1	0.10
C286895	0.50	<0.005		0.26	0.89	13.2	380	0.27	0.62	0.12	0.08	10.15	24.6	4	0.54
C286896	1.68	<0.005		0.13	0.79	29.5	500	0.23	1.48	0.07	0.09	6.72	196.0	17	0.44
C286897	1.28	<0.005		0.39	8.07	14.3	3240	2.85	1.47	0.05	0.03	77.60	19.4	48	4.76
C286898	1.42	<0.005		1.47	6.85	18.2	3000	1.16	0.48	2.67	0.04	109.50	26.4	45	2.10
C286739	1.18	0.018		2.28	7.36	41.2	760	0.90	3.27	3.33	0.07	54.70	48.1	51	1.06
C286740	1.72	0.032		2.37	6.86	16.8	1300	0.99	1.64	0.92	0.05	67.60	22.7	47	1.40
C286741	1.32	1.285	1.53	7.24	6.82	610.0	110	0.98	110.50	0.95	0.04	73.50	216.0	14	2.83
C286742	1.10	0.016		1.97	6.68	10.1	330	1.37	137.00	4.20	0.05	4.90	14.3	50	3.91
C286747	1.06	2.59	2.52	14.15	2.62	5.8	160	0.84	5.25	2.19	<0.02	60.30	36.4	12	1.76
C286748	0.76	0.552		3.92	3.61	40.9	190	1.06	10.30	3.90	0.04	28.50	737.0	16	4.54
C286749	1.16	1.000	1.28	26.50	1.85	19.4	160	0.53	4.51	3.75	1.06	33.20	19.7	4	0.85
C286750	0.68	0.195		3.28	4.28	2.4	360	2.11	0.96	7.20	0.16	72.00	6.6	24	3.23
C287001	1.86	0.016		0.22	6.42	4.8	960	5.80	0.46	7.10	0.07	421.00	8.4	20	4.82
C287002	1.20	0.035		0.34	7.06	105.5	200	1.15	14.65	0.32	0.03	26.20	329.0	45	1.50
C287004	1.34	<0.005		0.03	7.30	5.0	350	2.40	0.10	2.59	0.05	39.80	2.1	48	2.38
C286535	Not Recvd														
C286536	Not Recvd														
C286537	Not Recvd														
C286755	0.86	2.02	2.26	17.90	1.20	843.0	40	0.28	13.65	8.68	0.82	6.68	330.0	28	0.40
C286756	1.72	<0.005		0.03	7.52	5.3	800	0.86	0.11	2.68	0.02	96.40	3.3	47	1.90
C286757	1.36	0.212		0.36	7.72	6.2	470	1.72	0.97	2.47	<0.02	317.00	43.7	139	1.60
C286758	1.30	<0.005		0.12	1.66	<5	110	0.36	0.14	16.85	0.02	21.10	9.4	9	0.61
C286759	1.20	<0.005		<0.01	9.49	3.5	600	3.52	0.19	0.09	<0.02	168.50	8.9	78	3.37
C286760	1.22	<0.005		<0.01	9.05	1.7	450	3.45	0.31	0.44	<0.02	290.00	7.6	70	3.14
C286761	1.70	0.131		1.04	7.70	878.0	420	3.31	2.36	1.04	<0.02	4.44	470.0	54	3.21
C286255	2.02	0.006		0.05	7.03	4.8	1030	1.11	0.94	2.99	0.04	75.90	20.8	41	1.55
C286256	0.46	0.981		5.70	7.67	73.5	380	2.33	4.34	0.15	0.03	60.80	50.1	67	5.31

Comments: Samples were diluted 10X due to "copper >10000ppm", elements with low level concentration will be affected.Interference: Samples with Molybdenum >100ppm will cause a low bias on Cadmium-MS61<1ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06091275

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
C286875		3780.0	9.16	16.80	0.15	1.7	0.138	4.15	38.3	38.9	1.88	4490	77.30	0.06	9.0	47.5
C286881		3190.0	6.71	16.95	0.17	1.0	0.183	4.84	89.7	55.9	1.93	4370	11.40	0.07	3.5	30.8
C286883		>10000	7.61	19.70	0.25	1.8	0.081	5.62	169.0	38.1	1.09	1075	456.00	0.08	3.7	31.3
C286885		>10000	10.50	27.30	0.16	1.2	0.092	4.74	23.1	57.6	2.14	867	24.10	0.05	2.0	80.3
C286886		>10000	7.65	11.95	0.14	0.6	0.320	3.71	25.4	35.3	2.74	3280	25.80	0.05	1.9	39.5
C286887		640.0	4.08	7.73	0.10	0.6	0.066	5.27	3.4	19.2	1.67	507	4.98	0.35	3.5	27.5
C286888		>10000	4.74	11.85	0.08	1.5	0.087	0.35	20.1	23.9	1.75	1300	5.52	3.67	1.7	112.0
C286889		199.0	10.75	4.64	0.09	0.9	0.300	0.86	0.7	15.3	1.19	9030	3.26	0.02	1.4	60.6
C286890		>10000	37.40	1.21	0.27	0.1	2.960	0.05	<0.5	3.2	0.06	5220	2.95	0.02	0.3	94.1
C286891		231.0	14.90	16.05	0.13	1.3	0.062	1.99	4.7	52.6	1.78	362	1.51	0.01	2.9	69.1
C286892		1740.0	17.30	13.30	0.24	1.0	0.059	1.03	250.0	51.0	1.12	400	2.85	0.05	8.9	39.7
C286893		216.0	13.75	2.94	0.13	0.6	0.705	0.49	17.5	6.0	0.39	4910	2.90	0.01	1.1	13.9
C286894		>10000	36.70	2.17	0.31	0.1	1.970	0.11	2.0	2.4	1.44	15200	5.49	0.01	0.4	47.5
C286895		7350.0	30.90	2.95	0.23	0.3	1.260	0.43	5.9	2.8	4.03	25300	1.77	0.02	1.0	58.3
C286896		3080.0	15.65	2.40	0.14	0.3	1.020	0.37	3.3	6.3	1.63	12250	0.40	0.02	0.9	69.4
C286897		4990.0	5.11	21.10	0.13	3.4	0.105	3.26	37.4	69.2	0.69	437	1.13	0.04	7.6	43.7
C286898		2280.0	6.32	12.35	0.21	2.1	0.086	6.36	62.2	20.2	1.74	2150	2.26	0.04	9.1	28.0
C286739		8110.0	9.50	21.20	0.16	1.1	0.342	4.66	30.9	40.1	2.28	2480	2.52	0.07	3.7	131.5
C286740		>10000	8.36	20.40	0.20	0.7	0.552	4.48	36.9	33.5	1.24	1330	0.52	0.06	5.2	85.4
C286741		>10000	13.05	12.75	0.17	1.5	0.770	1.20	43.0	60.1	2.30	1295	5.34	0.03	1.1	169.5
C286742		8700.0	10.40	19.60	0.12	1.1	0.412	2.09	2.2	53.8	3.20	3160	0.71	0.03	3.9	113.0
C286747		>10000	14.65	6.19	0.33	0.8	0.646	0.78	31.4	5.0	0.79	1295	2.35	0.90	1.4	31.0
C286748		>10000	13.35	10.50	0.16	0.9	0.102	1.85	14.1	9.4	1.76	1900	3.70	0.03	2.3	140.0
C286749		>10000	20.40	5.19	0.24	0.4	3.720	0.77	18.5	4.9	0.18	807	3.17	0.68	0.7	77.1
C286750		>10000	4.44	11.10	0.11	1.3	0.279	1.48	39.7	28.0	0.95	2140	1.78	0.98	2.6	58.2
C287001		1190.0	1.92	12.65	0.25	0.6	0.051	2.68	267.0	29.7	0.91	1365	0.34	1.26	1.4	16.1
C287002		805.0	5.30	12.25	0.10	3.0	0.041	1.36	14.8	3.7	0.18	143	4.48	3.93	5.1	179.0
C287004		189.5	2.11	24.00	0.08	1.2	0.086	1.66	19.6	19.9	0.69	2630	0.19	4.20	7.1	14.2
C286535																
C286536																
C286537																
C286755		>10000	14.95	6.06	0.27	0.6	2.860	0.61	3.0	4.0	3.33	2530	3.96	0.04	0.7	336.0
C286756		63.4	6.58	20.60	0.12	1.6	0.078	2.92	66.9	13.6	1.38	1560	3.58	1.31	3.8	20.5
C286757		>10000	10.05	26.90	0.24	1.2	0.096	1.21	195.5	26.4	1.48	2960	28.70	3.32	2.2	132.5
C286758		490.0	6.13	3.23	0.07	0.3	0.060	0.28	11.1	5.6	7.70	6270	3.81	0.75	0.6	27.1
C286759		40.3	2.47	25.00	0.19	2.2	0.049	4.41	76.8	14.3	0.25	147	0.29	0.22	7.4	13.0
C286760		56.9	3.32	25.40	0.24	2.7	0.058	4.06	141.5	28.3	1.14	389	1.12	0.17	7.2	80.1
C286761		8190.0	2.39	23.80	0.07	2.5	0.408	3.17	2.0	8.1	0.64	665	4.26	1.18	8.4	96.8
C286255		17.3	6.81	16.55	0.16	0.9	0.038	5.75	41.7	31.0	1.62	2050	2.42	0.09	5.0	36.8
C286256		>10000	5.23	21.50	0.17	2.9	0.699	3.70	32.6	12.5	0.49	622	1.86	0.07	8.0	145.0

Comments: Samples were diluted 10X due to "copper >10000ppm", elements with low level concentration will be affected.Interference: Samples with Molybdenum >100ppm will cause a low bias on Cadmium-MS61<1ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C286875		1250	2.2	152.0	0.006	0.25	2.86	6	1.7	10.4	0.67	1.23	12.7	0.465	0.30	5.6
C286881		1490	2.2	122.5	0.003	0.22	1.13	3	2.8	27.0	0.24	0.60	13.7	0.113	0.25	4.5
C286883		3310	4.0	158.0	0.374	0.91	1.96	16	2.8	20.5	0.27	2.61	19.9	0.142	0.44	13.1
C286885		1190	2.2	212.0	0.009	0.83	2.95	7	2.2	11.9	0.19	0.51	11.4	0.232	0.52	10.2
C286886		880	2.0	163.5	0.006	2.11	2.06	3	0.9	16.4	0.16	1.62	11.5	0.047	0.32	16.3
C286887		260	17.3	296.0	0.004	0.26	0.74	1	1.1	116.0	0.18	0.06	0.8	0.505	0.90	0.9
C286888		660	1.7	15.7	<0.002	0.61	0.80	3	1.9	80.8	0.14	<0.05	13.6	0.067	0.07	17.0
C286889		410	2.8	37.7	0.005	2.02	3.11	3	1.7	135.5	0.09	16.55	2.1	0.089	0.45	9.9
C286890		<10	26.5	3.2	<0.002	>10.0	2.40	14	1.8	16.8	<0.05	0.06	0.2	0.005	<0.02	22.4
C286891		660	1.5	93.4	<0.002	0.42	1.41	2	1.6	71.0	0.25	0.07	10.9	0.132	0.31	2.4
C286892		1540	3.8	52.7	0.003	0.25	3.30	3	17.7	82.4	0.31	2.24	11.0	0.101	0.22	6.7
C286893		240	5.1	26.1	<0.002	0.95	1.12	3	0.7	10.1	0.06	0.05	10.8	0.029	0.12	26.0
C286894		60	7.9	5.2	<0.002	6.89	0.95	20	6.8	6.0	<0.05	<0.05	0.6	0.006	<0.02	10.4
C286895		40	3.8	21.0	<0.002	0.34	0.63	2	0.4	8.2	0.06	<0.05	2.2	0.024	0.10	11.3
C286896		50	3.8	17.7	<0.002	1.22	1.83	3	0.4	9.8	0.06	<0.05	2.1	0.022	0.08	1.1
C286897		340	2.6	159.0	<0.002	0.11	1.99	2	2.5	16.3	0.59	<0.05	14.8	0.205	0.60	17.5
C286898		600	10.3	165.0	<0.002	0.09	2.67	9	3.3	39.1	0.73	0.25	12.8	0.233	0.37	26.4
C286739		740	3.6	145.0	0.002	1.04	0.87	4	2.3	14.7	0.31	0.34	13.4	0.096	0.35	4.3
C286740		720	3.7	150.0	<0.002	1.28	1.30	5	2.5	14.5	0.36	0.10	14.0	0.114	0.34	1.5
C286741		870	5.5	80.7	<0.002	1.17	2.20	8	1.4	4.3	0.10	1.39	12.6	0.041	0.28	3.7
C286742		730	3.4	114.5	<0.002	0.65	1.93	5	1.9	14.9	0.35	0.18	15.2	0.093	0.30	2.1
C286747		1080	3.4	41.0	<0.002	>10.0	0.75	20	6.8	22.9	<0.05	0.42	4.5	0.029	0.14	1.6
C286748		350	22.0	116.0	<0.002	7.90	2.02	6	1.9	20.9	0.17	1.35	6.3	0.068	0.56	4.5
C286749		150	60.0	41.4	<0.002	>10.0	0.44	14	4.9	66.9	<0.05	0.26	2.4	0.017	0.27	2.8
C286750		370	9.2	88.3	<0.002	1.66	0.64	2	1.1	123.5	0.20	0.05	6.8	0.068	0.64	2.6
C287001		2120	9.2	213.0	<0.002	0.21	1.00	2	0.5	166.5	0.11	0.06	28.8	0.033	1.56	7.0
C287002		330	5.4	71.5	<0.002	5.48	0.94	2	1.0	21.9	0.37	0.31	8.3	0.116	0.33	4.3
C287004		830	8.6	98.9	<0.002	0.03	2.25	1	2.6	41.7	0.69	<0.05	16.8	0.227	0.36	82.3
C286535																
C286536																
C286537																
C286755		120	352.0	27.9	<0.002	>10.0	5.37	27	6.2	21.6	<0.05	1.10	2.1	0.023	<0.02	1.9
C286756		710	3.7	131.5	<0.002	0.02	0.95	1	3.3	27.2	0.36	<0.05	13.5	0.161	0.41	5.2
C286757		780	3.1	81.7	0.116	0.98	0.87	4	2.8	40.2	0.13	0.39	7.7	0.191	0.35	12.2
C286758		60	5.4	16.3	<0.002	0.07	0.20	2	0.2	70.8	<0.05	0.13	2.0	0.016	0.07	1.4
C286759		360	18.9	239.0	<0.002	0.02	6.01	2	2.6	16.1	0.57	0.08	25.0	0.220	0.96	345.0
C286760		480	15.5	212.0	<0.002	0.01	2.75	1	2.6	14.1	0.56	0.06	16.0	0.203	0.83	181.0
C286761		600	3.3	147.5	<0.002	1.36	1.36	1	2.0	22.1	0.64	0.12	15.0	0.232	0.43	5.8
C286255		940	2.5	141.5	0.002	0.13	1.45	<1	3.0	22.1	0.39	0.12	15.8	0.154	0.35	8.0
C286256		220	5.7	213.0	<0.002	2.04	1.66	5	2.7	7.8	0.58	0.33	15.1	0.209	0.83	7.0

Comments: Samples were diluted 10X due to "copper >10000ppm", elements with low level concentration will be affected.Interference: Samples with Molybdenum >100ppm will cause a low bias on Cadmium-MS61<1ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 24-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06091275

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-AA62
	Analyte	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
C286875		183	3.1	12.9	12	58.3	
C286881		88	2.1	17.2	14	31.7	
C286883		126	2.0	16.9	13	61.9	1.16
C286885		210	1.3	7.7	27	42.3	1.08
C286886		40	1.0	14.1	12	16.8	1.85
C286887		140	0.6	22.2	88	16.4	
C286888		40	2.2	5.3	23	47.0	1.41
C286889		68	2.1	6.7	14	28.6	
C286890		5	0.2	2.4	252	10.4	20.3
C286891		50	2.0	4.8	74	43.1	
C286892		81	9.7	9.5	43	31.1	
C286893		16	0.6	5.4	17	20.2	
C286894		5	0.1	6.3	63	3.0	12.15
C286895		11	0.2	5.7	33	10.0	
C286896		7	0.2	3.4	33	10.0	
C286897		57	1.3	17.0	23	107.0	
C286898		69	5.0	20.0	8	64.8	
C286739		84	1.9	8.2	19	32.7	
C286740		67	2.4	6.0	14	22.8	1.63
C286741		15	3.6	5.2	29	45.0	1.52
C286742		156	2.9	7.7	32	34.9	
C286747		9	1.8	8.3	16	23.7	13.15
C286748		28	2.5	57.3	24	28.0	1.29
C286749		9	0.7	5.6	263	12.7	21.8
C286750		30	3.0	19.4	75	40.5	2.34
C287001		6	3.8	29.1	47	18.7	
C287002		47	0.8	14.5	8	96.4	
C287004		48	5.9	15.8	13	35.4	
C286535							
C286536							
C286537							
C286755		57	1.2	14.8	300	18.0	10.10
C286756		70	7.8	6.0	11	48.5	
C286757		242	0.5	14.3	42	35.8	1.19
C286758		54	0.1	9.2	20	10.9	
C286759		99	2.0	19.1	5	65.5	
C286760		96	1.2	26.9	25	77.6	
C286761		87	1.8	11.0	8	71.0	
C286255		65	2.8	8.4	13	26.5	
C286256		65	1.4	16.3	11	90.3	2.14

Comments: Samples were diluted 10X due to "copper >10000ppm", elements with low level concentration will be affected.Interference: Samples with Molybdenum >100ppm will cause a low bias on Cadmium-MS61<1ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 24-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06091275

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
C286257		1.44	0.012		0.20	6.71	8.0	90	1.21	0.33	6.00	0.03	20.20	83.1	63	0.25
C286938		0.82	0.028		0.34	4.27	83.9	60	0.38	18.95	0.39	0.03	26.30	80.9	24	0.47
C286939		0.84	0.088		1.11	8.61	517.0	470	3.86	0.50	1.15	0.04	8.70	302.0	55	4.73
C286366		0.82	0.152		22.20	4.23	2550.0	80	0.49	6.65	1.51	0.06	62.90	683.0	52	0.57
C286367		1.06	0.381		3.16	5.64	710.0	90	0.66	1.71	3.90	0.05	22.60	174.0	23	0.61
C286368		1.04	0.014		0.48	0.91	8.4	1460	0.18	3.29	0.26	0.04	6.02	3.9	21	0.24
C286369		1.32	0.031		0.67	5.85	12.2	3230	1.68	0.98	3.40	0.03	83.30	65.6	1	0.84
C286370		1.02	0.082		0.09	0.86	5.4	650	0.38	0.40	3.49	0.03	9.41	5.7	11	0.59
C286371		1.14	0.026		0.10	0.04	1.0	2340	<0.05	0.54	0.02	0.02	0.35	0.4	1	<0.05
C286372		1.08	0.559		5.14	7.66	14.9	1320	3.65	1.80	3.67	0.07	5.01	229.0	10	5.25
C286373		1.20	0.024		0.19	0.20	30.8	1110	0.20	1.15	6.36	0.05	2.61	14.6	<1	0.43
C286171		1.00	0.028		2.88	6.70	5.4	510	1.03	1.60	0.95	<0.02	68.50	16.0	40	2.94
C286172		1.54	0.012		0.19	6.98	32.6	200	1.15	2.39	0.23	0.02	48.60	636.0	45	1.15
C286174		1.00	0.026		0.21	3.12	11.5	130	0.77	5.36	2.73	0.09	131.00	79.1	13	1.26
C286176		0.72	0.026		1.46	0.50	25.4	150	0.10	11.60	0.04	0.29	22.80	142.5	14	0.44
C286177		0.82	0.006		7.39	0.57	457.0	80	0.11	138.00	0.44	1.73	9.58	3.4	<1	0.38
C286178		1.56	0.009		0.27	5.26	1.6	520	1.54	0.34	4.45	0.03	7.93	5.6	26	5.56
C286179		0.94	0.039		0.79	7.38	9.0	660	2.20	0.61	1.38	0.08	470.00	16.3	61	6.51
C286900		0.06	0.952		38.00	4.30	960.0	500	0.60	33.40	6.41	<0.02	27.70	41.8	263	1.24
C201003		2.22	1.640	1.89	7.42	6.85	1475.0	230	1.84	14.95	0.55	0.05	87.40	523.0	30	2.92
C287007		0.92	0.027		1.52	4.13	192.0	100	1.25	5.78	1.86	0.32	53.80	1050.0	18	2.93
C287008		0.84	0.098		0.44	7.59	86.7	270	1.47	17.60	0.65	0.02	83.50	131.5	35	3.07
C287009		0.88	0.079		0.46	5.56	342.0	160	1.90	18.10	0.52	0.06	13.55	792.0	43	6.63
C287010		0.94	0.036		0.08	6.89	11.6	840	1.46	1.71	3.76	0.02	106.50	30.0	41	3.12
C287011		0.70	1.135	1.24	12.95	6.24	70.7	140	1.54	22.70	0.22	<0.02	108.50	75.7	21	0.77
C286175		0.36	0.023		0.87	2.75	36.9	80	0.60	9.84	0.44	0.04	40.40	52.1	19	1.90
C286935		0.64	0.037		1.99	5.91	9.7	760	1.30	1.04	2.51	0.02	>500	41.7	5	5.73
C286936		0.52	0.159		1.12	6.54	7.3	2600	2.51	2.86	1.66	<0.02	98.30	72.4	39	0.70
C286937		0.60	0.020		0.57	6.29	16.9	4650	2.03	3.57	2.09	0.10	25.30	21.7	46	2.67
C287005		1.04	<0.005		0.02	6.67	5.6	870	0.98	0.22	3.62	0.04	93.70	9.9	41	0.77
C287006		1.14	0.039		0.40	7.13	6.5	430	3.32	6.62	7.55	<0.02	62.90	16.9	60	7.77

Comments: Samples were diluted 10X due to "copper >10000ppm", elements with low level concentration will be affected.Interference: Samples with Molybdenum >100ppm will cause a low bias on Cadmium-MS61<1ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 24-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06091275

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
C286257		1670.0	12.00	15.75	0.19	1.4	0.126	0.07	8.5	18.9	1.91	973	1.79	3.88	9.3	50.5
C286938		209.0	5.95	10.85	0.11	2.7	0.027	0.30	13.5	2.4	0.09	106	1.65	2.96	3.4	66.1
C286939		7830.0	1.66	27.70	0.07	3.4	0.432	3.84	4.2	6.9	0.66	786	3.31	0.80	11.1	73.8
C286366		>10000	8.22	8.29	<0.05	1.4	2.360	0.33	30.9	5.7	0.60	511	0.76	2.69	1.7	779.0
C286367		>10000	4.12	8.16	0.11	1.4	1.700	0.64	10.9	3.4	1.59	1090	0.74	3.96	2.3	200.0
C286368		9310.0	2.16	2.03	0.06	0.3	0.102	0.84	3.4	40.8	0.18	345	7.31	0.03	1.2	7.8
C286369		7950.0	5.67	22.70	0.15	2.9	0.328	0.07	36.1	33.7	4.02	986	7.46	2.95	15.7	14.4
C286370		728.0	2.26	2.53	0.05	0.6	0.161	0.59	4.9	43.9	1.77	2500	0.47	0.04	0.8	6.7
C286371		208.0	0.09	0.16	<0.05	<0.1	<0.005	0.01	<0.5	2.8	0.02	14	0.84	<0.01	0.1	0.4
C286372		>10000	7.88	13.15	0.19	0.2	0.643	2.82	2.4	45.5	2.47	1120	0.52	0.88	1.8	33.5
C286373		684.0	24.20	0.93	0.25	0.1	0.498	0.05	0.9	10.2	4.77	17000	0.21	0.04	0.2	32.6
C286171		>10000	6.76	17.55	0.22	1.4	0.427	5.34	37.4	55.6	1.40	799	57.20	0.07	3.4	24.4
C286172		107.5	12.10	11.15	0.19	2.2	0.043	0.69	29.4	18.0	0.43	157	9.94	3.98	1.9	60.4
C286174		190.0	3.41	5.23	0.15	2.0	0.054	0.92	66.0	12.0	1.20	1605	0.78	0.98	2.4	15.9
C286176		9290.0	13.40	1.45	0.22	0.3	0.806	0.13	11.1	2.6	0.19	2240	1.12	0.02	0.7	299.0
C286177		3300.0	37.60	1.92	0.53	0.2	1.715	0.22	5.1	1.6	1.95	19600	0.19	0.02	0.6	6.7
C286178		5530.0	2.89	13.80	0.05	1.3	0.137	2.76	4.3	8.3	2.25	2850	4.65	0.07	4.9	17.2
C286179		5190.0	4.60	21.80	0.36	2.5	0.180	3.08	275.0	65.1	1.26	630	0.67	0.72	6.2	63.1
C286900		4320.0	4.17	12.15	<0.05	0.9	0.185	1.42	19.9	12.7	0.82	1780	708.00	0.68	1.7	19.0
C201003		>10000	13.75	20.50	0.25	1.2	1.900	2.00	49.8	57.2	1.86	1370	12.35	0.04	1.9	326.0
C287007		188.5	23.80	8.30	0.34	0.7	0.307	1.25	30.4	100.0	1.97	12150	5.75	0.04	1.4	137.5
C287008		451.0	13.35	20.40	0.21	1.6	0.069	1.70	43.7	64.3	2.53	1030	6.27	0.04	3.4	385.0
C287009		205.0	14.05	16.80	0.23	1.1	0.120	2.06	7.6	34.4	1.58	411	2.10	0.03	1.5	240.0
C287010		29.3	9.48	18.10	0.19	1.2	0.063	4.68	62.7	16.6	1.44	3220	10.55	0.64	6.6	71.0
C287011		>10000	13.15	13.25	<0.05	1.1	2.250	1.29	62.9	8.4	0.26	150	15.20	3.00	1.9	43.1
C286175		510.0	4.33	6.88	0.10	0.9	0.061	0.61	19.7	11.6	0.40	777	0.58	0.62	3.5	33.7
C286935		>10000	9.23	25.50	0.55	3.6	0.127	4.16	338.0	80.7	3.05	663	12.65	0.07	6.3	44.0
C286936		6280.0	7.26	19.05	0.20	1.6	0.117	4.75	53.4	30.2	2.02	1040	35.30	0.09	1.2	32.0
C286937		3910.0	1.31	15.45	0.10	2.2	0.092	5.50	12.6	27.3	0.41	627	4.98	0.06	7.5	18.2
C287005		48.8	1.49	17.15	0.12	1.1	0.019	0.18	48.9	9.3	0.88	1565	0.30	5.57	8.2	35.0
C287006		4220.0	9.04	21.10	0.19	1.3	0.198	2.80	37.5	43.2	1.91	2680	271.00	1.19	7.4	87.0

Comments: Samples were diluted 10X due to "copper >10000ppm", elements with low level concentration will be affected.Interference: Samples with Molybdenum >100ppm will cause a low bias on Cadmium-MS61<1ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C286257		910	2.5	2.7	0.003	0.38	1.74	<1	1.1	76.2	0.65	<0.05	3.4	1.045	0.02	0.9
C286938		1080	11.6	18.6	<0.002	6.65	3.24	2	0.5	20.0	0.22	0.22	6.0	0.061	8.48	5.8
C286939		500	2.0	177.5	<0.002	0.55	1.89	<1	2.2	19.5	0.86	0.07	18.2	0.287	0.53	5.0
C286366		340	18.9	16.2	<0.002	5.09	2.24	21	8.9	23.5	0.11	1.04	7.1	0.038	0.18	1.3
C286367		470	6.9	19.3	<0.002	1.66	0.88	3	1.8	33.0	0.18	0.25	6.2	0.080	0.10	1.8
C286368		110	3.2	17.3	<0.002	0.59	4.61	7	0.7	38.2	0.10	0.08	2.0	0.033	0.07	6.6
C286369		2840	2.4	3.1	<0.002	0.59	0.62	1	0.6	96.7	1.08	0.37	22.2	0.421	0.02	5.2
C286370		120	1.7	19.1	<0.002	0.05	6.75	2	0.4	25.9	0.05	<0.05	1.4	0.073	0.06	1.1
C286371		10	<0.5	0.8	<0.002	0.07	0.74	1	<0.2	2100.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.1
C286372		150	2.6	174.0	0.002	2.45	2.44	21	0.5	68.2	0.12	0.42	0.7	0.166	0.89	0.4
C286373		60	4.2	2.9	<0.002	0.50	10.75	2	<0.2	82.0	<0.05	<0.05	1.0	<0.005	0.03	0.4
C286171		1280	4.5	113.0	0.007	0.94	1.46	19	3.0	375.0	0.23	0.13	14.5	0.089	0.32	48.8
C286172		820	3.6	67.2	0.009	2.74	2.57	4	1.9	42.9	0.17	0.72	17.9	0.075	0.14	8.1
C286174		110	5.5	75.7	<0.002	1.36	0.99	4	0.4	13.8	0.24	0.38	24.5	0.053	0.20	4.2
C286176		50	75.5	8.5	<0.002	4.94	2.58	12	0.4	7.1	<0.05	0.13	3.3	0.011	0.06	1.8
C286177		420	29.7	12.0	<0.002	0.14	901.00	1	0.5	183.0	<0.05	0.07	1.5	0.008	0.03	3.0
C286178		440	1.6	178.5	<0.002	0.44	1.79	1	2.6	24.6	0.39	0.05	12.8	0.143	0.40	1.6
C286179		1400	8.8	196.5	<0.002	0.70	2.14	1	2.9	50.8	0.43	<0.05	24.5	0.180	1.01	2.6
C286900		580	72.0	35.1	0.065	0.76	82.20	15	4.3	290.0	0.09	3.59	1.7	0.120	0.23	2.5
C201003		1180	6.9	126.0	0.004	2.19	9.21	9	3.7	6.2	0.12	3.84	14.9	0.055	0.36	2.5
C287007		640	669.0	79.0	0.008	6.81	3.41	6	2.4	11.7	0.09	1.38	9.9	0.027	0.19	11.4
C287008		920	16.0	121.5	0.002	1.93	2.59	2	5.8	5.5	0.26	0.94	18.0	0.099	0.24	2.8
C287009		950	43.1	169.5	<0.002	6.75	3.93	7	5.0	4.9	0.16	1.08	10.3	0.103	0.51	1.0
C287010		920	6.9	194.5	0.006	0.28	1.81	2	4.7	30.8	0.48	0.36	15.5	0.174	0.42	14.6
C287011		1200	6.1	88.3	<0.002	5.75	2.29	33	7.6	16.9	0.11	5.86	12.5	0.046	0.16	3.0
C286175		160	11.2	38.3	<0.002	1.81	4.98	3	0.8	18.8	0.27	0.07	7.0	0.073	0.19	2.1
C286935		7080	3.4	114.5	0.004	0.77	1.68	5	1.4	30.9	0.45	0.57	29.0	0.322	0.26	14.3
C286936		640	3.9	118.0	<0.002	0.27	1.00	5	1.3	35.6	0.14	1.04	17.5	0.062	0.42	25.4
C286937		730	20.0	227.0	0.004	0.37	3.50	5	1.5	171.0	0.65	0.40	12.9	0.188	0.82	30.1
C287005		800	14.2	10.9	<0.002	0.05	1.74	1	2.0	80.0	0.74	<0.05	19.4	0.236	0.06	139.0
C287006		840	1.8	199.0	0.106	0.24	1.81	3	3.2	77.4	0.56	0.31	3.7	0.442	0.65	10.9

Comments: Samples were diluted 10X due to "copper >10000ppm", elements with low level concentration will be affected.Interference: Samples with Molybdenum >100ppm will cause a low bias on Cadmium-MS61<1ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 24-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06091275

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-AA62
	Analyte	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
C286257		418	0.8	27.9	130	30.8	
C286938		19	0.5	8.8	4	62.1	
C286939		92	2.0	13.2	4	97.2	
C286366		35	4.2	7.0	34	<0.5	7.68
C286367		27	11.7	7.3	17	38.9	2.45
C286368		12	0.9	1.7	10	9.0	
C286369		95	0.4	22.8	54	98.3	
C286370		39	0.5	8.9	9	23.3	
C286371		<1	0.1	0.3	<2	1.0	
C286372		102	0.2	17.1	110	4.9	2.64
C286373		3	0.1	10.6	31	2.3	
C286171		73	2.9	10.1	22	51.1	2.62
C286172		62	2.7	6.1	8	71.5	
C286174		6	1.5	8.6	8	52.3	
C286176		5	0.2	1.9	313	13.7	
C286177		25	0.2	6.4	196	5.7	
C286178		37	4.5	7.3	9	40.5	
C286179		62	5.4	13.2	124	74.7	
C286900		60	16.2	10.1	108	22.4	
C201003		32	2.6	8.4	31	33.8	3.62
C287007		39	0.8	8.8	151	19.5	
C287008		58	3.6	6.8	35	46.3	
C287009		115	2.1	4.3	31	30.5	
C287010		80	3.5	14.2	7	31.9	
C287011		24	3.6	5.5	4	2.5	6.88
C286175		20	0.5	3.6	7	25.9	
C286935		131	1.6	51.9	34	121.5	1.08
C286936		65	1.1	15.9	23	46.7	
C286937		188	2.5	6.3	16	69.4	
C287005		54	8.9	27.3	26	33.4	
C287006		229	0.9	13.0	45	35.4	

Comments: Samples were diluted 10X due to "copper >10000ppm", elements with low level concentration will be affected.Interference: Samples with Molybdenum >100ppm will cause a low bias on Cadmium-MS61<1ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
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Finalized Date: 24-OCT-2006
Account: EIA

CERTIFICATE VA06089782

Project: Werneckes

P.O. No.: FRG06-01

This report is for 10 Rock samples submitted to our lab in Vancouver, BC, Canada on 5-SEP-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61U	47 elements four acid ICP-MS (U pkg)	

To: **EQUITY ENGINEERING LTD.**
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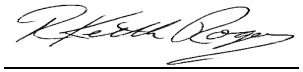
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
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Finalized Date: 24-OCT-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089782

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61U Ag ppm 0.01	ME-MS61U Al % 0.01	ME-MS61U As ppm 0.2	ME-MS61U Ba ppm 10	ME-MS61U Be ppm 0.05	ME-MS61U Bi ppm 0.01	ME-MS61U Ca % 0.01	ME-MS61U Cd ppm 0.02	ME-MS61U Ce ppm 0.01	ME-MS61U Co ppm 0.1	ME-MS61U Cr ppm 1	ME-MS61U Cs ppm 0.05
201027		0.20	0.367		<0.01	8.20	30.1	190	1.96	4.29	0.26	0.05	114.00	5.9	55	1.20
201029		2.50	0.069		0.07	8.45	14.3	160	1.49	1.43	0.21	<0.02	29.80	6.7	53	0.77
201033		1.96	<0.005		0.02	6.87	3.4	750	1.66	0.45	0.17	<0.02	20.60	12.6	118	3.74
286387		0.90	0.019		<0.01	7.16	4.2	360	1.41	0.31	0.14	<0.02	18.05	4.2	119	1.98
286768		1.26	<0.005		0.98	7.90	18.6	1710	1.85	4.34	0.59	<0.02	35.70	4.0	37	3.09
286946		0.88	2.41	3.13	44.30	8.28	176.0	1710	4.16	62.20	1.25	0.02	63.30	123.5	68	5.69
286983		3.52	0.005		0.21	9.65	6.6	2730	5.58	0.26	2.08	<0.02	15.30	4.1	14	6.23
287024		1.20	0.411		0.18	8.85	14.1	80	1.28	1.19	0.58	<0.02	32.00	4.7	64	0.65
287026		0.64	0.050		0.05	6.85	9.2	300	1.26	2.37	0.13	<0.02	36.10	13.5	83	1.62
287030		0.84	<0.005		0.11	0.81	8.5	40	0.36	1.11	0.11	<0.02	40.80	4.7	149	0.46

Comments: Additional Au-AA23 check value for sample 286946 is 2.34 ppm. Additional Au-GRA21 check value for sample 286946 is 3.19 ppm.

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Finalized Date: 24-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089782

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
201027		<0.2	3.03	12.95	0.37	6.9	0.153	0.65	25.1	26.0	0.93	501	2.35	4.70	62.3	32.0
201029		0.8	3.02	12.65	0.24	6.0	0.047	0.57	7.1	25.3	0.94	492	1.37	5.40	27.9	33.8
201033		4.0	4.53	19.00	0.16	1.6	0.031	2.39	10.7	17.1	0.42	164	1.15	0.76	7.1	33.7
286387		4.3	2.64	13.25	0.16	0.9	0.023	1.23	6.8	15.1	0.31	353	0.89	2.97	11.1	20.3
286768		107.5	7.09	25.60	0.31	1.8	0.188	4.69	12.5	16.8	0.32	436	4.61	1.02	17.8	9.2
286946		1190.0	2.90	26.50	0.33	3.4	0.437	4.71	26.7	122.5	1.06	1615	2300.00	0.04	14.4	56.8
286983		25.0	0.86	19.35	0.19	0.6	0.020	4.15	5.6	19.8	0.61	512	9.48	2.40	26.3	2.2
287024		3.0	2.95	11.95	0.22	13.0	0.014	0.20	8.9	11.5	0.35	542	4.59	6.66	22.0	28.9
287026		33.0	3.95	11.15	0.23	0.9	0.079	0.90	12.1	7.1	0.17	183	6.73	3.47	19.6	17.8
287030		8.7	1.07	2.10	0.17	0.5	0.008	0.10	17.8	5.6	0.17	145	7.03	0.32	8.0	8.1

Comments: Additional Au-AA23 check value for sample 286946 is 2.34 ppm. Additional Au-GRA21 check value for sample 286946 is 3.19 ppm.

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Finalized Date: 24-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089782

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	P	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
201027		40	410.0	43.8	0.005	<0.01	37.90	24	2.1	100.0	6.72	0.12	>1000	1.315	0.14	>10000
201029		30	154.5	40.3	<0.002	<0.01	14.40	10	1.4	78.1	3.10	0.11	930.0	0.545	0.07	7110.0
201033		670	22.9	176.5	<0.002	0.02	3.21	2	3.8	20.5	0.84	0.29	147.0	0.161	0.31	1010.0
286387		230	52.5	105.5	<0.002	<0.01	5.99	4	1.9	40.2	1.78	<0.05	352.0	0.211	0.19	2700.0
286768		310	192.5	309.0	0.004	<0.01	13.10	16	5.4	54.3	1.34	0.10	>1000	0.607	0.75	5170.0
286946		790	1435.0	250.0	1.460	0.25	26.20	48	5.0	16.3	1.31	12.20	70.1	0.336	5.62	>10000
286983		100	64.6	331.0	0.006	0.01	2.44	6	0.6	243.0	1.95	0.07	169.0	0.156	1.94	1760.0
287024		170	89.2	17.9	0.003	<0.01	12.85	7	2.7	88.5	1.53	0.14	309.0	0.355	0.06	2790.0
287026		190	137.5	73.3	0.002	0.04	16.80	10	1.4	31.0	3.07	1.50	890.0	0.465	0.12	6940.0
287030		340	68.8	7.5	0.003	0.01	10.15	5	0.3	9.6	0.96	0.13	394.0	0.215	<0.02	3180.0

Comments: Additional Au-AA23 check value for sample 286946 is 2.34 ppm. Additional Au-GRA21 check value for sample 286946 is 3.19 ppm.

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Finalized Date: 24-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089782

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
201027		23	7.7	500.0	15	184.5	2.24
201029		25	4.0	192.0	14	173.0	0.79
201033		45	5.1	29.2	10	44.5	0.09
286387		20	3.2	70.3	12	25.2	0.27
286768		140	115.0	387.0	9	41.1	0.55
286946		81	24.1	148.0	9	93.3	1.80
286983		3	7.1	141.0	24	15.1	0.19
287024		35	24.3	132.5	9	358.0	0.28
287026		18	3.9	152.0	7	21.6	0.73
287030		5	2.2	80.7	10	10.0	0.32

Comments: Additional Au-AA23 check value for sample 286946 is 2.34 ppm. Additional Au-GRA21 check value for sample 286946 is 3.19 ppm.

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Finalized Date: 25-OCT-2006
Account: EIA

CERTIFICATE VA06089780

Project: Werneckes

P.O. No.: FRG06-01

This report is for 87 Rock samples submitted to our lab in Vancouver, BC, Canada on 5-SEP-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL	ROBIN BLACK	DAVID C
I DUNLOP	SCOTT HEFFERNAN	RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA62	Ore grade Cu - four acid / AAS	AAS
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61U	47 elements four acid ICP-MS (U pkg)	

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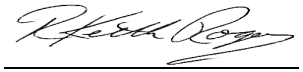
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 25-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089780

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-AA23 Au Check ppm 0.005	ME-MS61U Ag ppm 0.01	ME-MS61U Al % 0.01	ME-MS61U As ppm 0.2	ME-MS61U Ba ppm 10	ME-MS61U Be ppm 0.05	ME-MS61U Bi ppm 0.01	ME-MS61U Ca % 0.01	ME-MS61U Cd ppm 0.02	ME-MS61U Ce ppm 0.01	ME-MS61U Co ppm 0.1	ME-MS61U Cr ppm 1	ME-MS61U Cs ppm 0.05
201009		1.60	0.012		0.07	7.48	26.5	330	2.39	1.09	1.90	0.02	20.60	56.0	26	1.71
201010		1.86	<0.005		<0.01	8.36	1.3	70	2.04	0.13	0.57	0.06	7.20	4.9	65	0.54
201011		2.44	0.045		0.09	7.97	18.7	100	1.65	1.29	0.39	0.08	27.70	11.3	46	0.57
201012		1.08	0.018		0.23	8.25	5.9	110	1.90	1.02	0.59	0.05	17.40	6.9	37	1.02
201013		1.02	<0.005		<0.01	8.68	2.3	30	2.08	0.11	0.17	0.05	65.00	14.2	196	0.28
201014		0.92	<0.005		<0.01	8.23	3.8	40	1.51	0.64	0.51	0.03	23.10	10.8	133	0.28
201015		2.42	0.005		<0.01	8.64	1.9	40	1.61	0.46	0.26	0.04	26.40	14.5	121	0.56
201016		1.08	0.008		0.10	3.70	4.6	200	0.95	0.45	0.22	0.04	14.20	9.2	39	1.35
201017		1.20	0.014		0.04	8.07	4.5	290	1.88	0.59	0.12	0.06	261.00	29.0	52	2.04
201019		2.08	<0.005		0.03	6.50	2.3	210	1.23	0.18	0.28	0.03	7.27	7.2	28	1.12
201020		2.10	<0.005		0.02	6.15	0.9	450	1.53	0.10	0.42	<0.02	8.93	9.4	35	2.77
201021		2.00	<0.005		0.06	6.81	1.8	100	1.06	0.14	0.65	0.09	14.60	6.5	29	0.63
201022		2.00	<0.005		0.08	8.09	4.7	120	1.61	0.76	0.46	0.02	36.20	16.4	57	0.93
201023		1.84	0.005		0.14	8.45	12.6	90	1.92	2.49	0.54	0.02	43.30	11.6	66	0.92
201024		1.78	<0.005		0.02	8.30	2.4	70	1.07	0.16	0.33	0.04	9.14	7.7	37	0.34
201025		0.82	<0.005		0.02	8.53	2.3	40	1.20	0.16	0.29	<0.02	50.70	31.5	30	0.38
201026		1.82	<0.005		0.02	5.07	1.3	560	2.07	0.37	0.06	0.02	8.95	11.0	48	2.95
201028		2.14	<0.005		0.03	8.46	2.6	200	1.58	0.29	0.21	0.02	7.18	6.5	47	0.95
201030		2.16	<0.005		0.03	4.66	1.1	150	0.79	0.11	0.15	0.03	3.59	5.1	41	0.75
201031		1.34	<0.005		0.03	7.77	0.9	670	2.86	0.13	0.21	0.03	3.88	7.7	53	2.72
201032		1.90	0.005		0.04	3.56	1.0	330	1.10	0.16	0.13	0.05	5.33	5.5	35	1.47
201034		1.30	<0.005		0.02	8.32	1.3	520	2.44	0.09	0.28	0.04	36.30	4.3	32	2.79
201035		0.48	0.043		0.17	9.62	3.8	3450	5.28	0.91	0.38	<0.02	258.00	51.6	58	12.45
201038		1.30	0.007		0.06	11.15	0.8	1420	4.40	0.12	0.11	0.04	4.57	7.6	74	10.10
201039		1.18	<0.005		0.03	8.11	0.5	1010	2.38	0.05	0.09	0.02	13.45	6.7	50	5.29
201040		2.98	0.010		0.05	9.47	4.0	1990	4.19	0.32	0.09	<0.02	159.50	42.8	58	12.45
201044		2.68	0.397		0.95	6.76	15.1	1980	1.39	26.60	0.32	0.03	66.60	57.1	49	1.33
201046		0.06	<0.005		0.31	7.12	6.9	350	10.75	0.70	1.92	0.22	56.30	20.9	72	1.09
201047		0.06	<0.005		0.53	7.15	4.7	330	82.80	0.55	2.38	0.05	56.90	21.4	88	0.54
286374		0.86	0.027		0.39	1.65	7	160	0.63	0.34	14.00	<0.02	31.40	60.2	8	0.70
286375		0.80	<0.005		0.04	6.19	2.6	680	1.85	0.62	0.32	<0.02	19.45	5.8	63	4.00
286376		1.02	<0.005		0.02	7.65	2.6	940	2.70	0.17	0.36	<0.02	129.00	9.4	43	3.78
286377		0.98	<0.005		0.03	7.80	1.1	410	1.91	0.17	0.30	<0.02	7.05	5.8	48	2.21
286378		1.00	<0.005		0.02	5.46	1.7	570	2.14	0.11	0.28	0.02	99.60	8.2	33	2.25
286379		0.84	<0.005		0.02	5.36	2.1	150	1.13	0.18	0.09	<0.02	14.95	10.2	48	1.04
286380		0.78	<0.005		0.02	5.58	1.0	220	1.31	0.11	0.41	<0.02	6.62	4.1	41	1.32
286381		0.96	<0.005		0.02	7.44	2.9	250	1.67	0.18	0.22	0.08	7.15	5.2	24	1.55
286382		0.96	<0.005		<0.01	8.78	0.9	60	1.91	0.08	0.44	0.02	13.25	10.9	72	1.42
286383		0.88	<0.005		0.02	7.61	0.9	130	1.36	0.11	0.43	0.02	36.70	8.5	47	1.60
286384		1.12	<0.005		0.02	6.70	0.6	420	1.84	0.06	0.12	<0.02	26.70	3.2	30	2.63

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 25-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089780

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
201009		12.0	5.13	26.90	0.27	1.8	0.064	3.92	3.4	88.9	4.19	2320	19.85	0.72	7.4	147.0
201010		1.0	2.89	14.90	0.17	8.6	0.014	0.24	3.6	11.4	0.41	832	1.03	6.51	17.3	32.4
201011		2140.0	2.68	12.35	0.23	13.2	0.031	0.19	8.0	14.1	0.41	436	5.79	5.90	21.4	31.2
201012		12.0	1.99	13.30	0.20	9.2	0.025	0.37	4.8	22.7	0.83	657	0.75	6.00	20.3	43.4
201013		12.2	5.47	15.90	0.27	30.0	0.012	0.07	34.2	19.8	1.31	211	0.71	5.10	42.8	90.6
201014		0.9	5.00	16.10	0.27	18.7	0.018	0.12	8.3	15.5	0.93	707	1.08	5.37	34.5	62.7
201015		3.4	6.10	18.20	0.27	18.2	0.013	0.15	12.0	18.6	1.21	179	0.74	5.01	33.5	71.4
201016		5.2	2.45	8.50	0.17	4.3	0.027	0.67	3.6	25.5	1.05	559	2.63	0.62	12.0	34.1
201017		4.2	5.64	16.90	0.46	4.1	0.039	1.35	144.5	42.7	0.95	630	0.53	2.58	10.5	68.4
201019		1.8	4.68	8.04	<0.05	1.1	0.016	0.46	2.3	21.9	1.14	448	0.74	3.19	4.5	27.8
201020		2.0	3.63	11.80	0.05	1.7	0.026	1.01	4.0	26.4	0.96	318	0.61	2.10	4.9	30.3
201021		5.2	3.39	7.36	<0.05	1.4	0.011	0.27	7.6	20.4	0.70	638	0.52	4.09	3.5	20.4
201022		10.2	4.38	13.95	0.10	6.8	0.016	0.42	18.2	24.2	1.15	429	0.94	4.64	11.6	54.2
201023		9.7	2.53	15.50	0.14	15.5	0.026	0.23	16.1	27.9	0.98	502	1.10	5.76	27.5	56.5
201024		65.1	3.22	10.75	<0.05	4.6	0.010	0.19	4.1	12.3	0.50	600	0.75	6.12	7.7	25.8
201025		3.9	3.10	10.55	0.08	1.9	0.008	0.10	28.2	18.7	0.97	315	1.00	5.98	5.5	38.2
201026		3.0	3.98	16.35	0.05	3.1	0.040	1.88	3.1	11.9	0.46	158	1.32	0.32	6.2	34.7
201028		2.1	4.21	12.55	0.07	5.1	0.016	0.73	2.2	16.8	0.89	354	0.59	4.60	10.1	35.2
201030		3.0	3.75	8.67	0.17	2.8	0.011	0.54	1.3	16.5	0.76	296	0.73	1.87	5.9	28.3
201031		1.7	5.58	20.50	0.21	4.7	0.039	2.27	1.5	22.6	1.04	183	0.44	1.65	8.3	38.6
201032		2.7	3.35	8.88	0.14	1.5	0.022	1.00	2.3	13.9	0.47	312	0.37	0.69	3.2	15.7
201034		8.8	3.06	18.85	0.20	2.1	0.040	1.76	18.3	7.5	0.22	70	1.75	3.51	6.8	19.4
201035		49.6	3.03	34.50	0.40	5.2	0.136	4.78	139.5	26.8	0.55	65	42.30	0.29	8.5	24.9
201038		23.8	8.81	30.60	0.31	4.2	0.060	3.97	2.7	14.1	0.37	119	10.30	2.22	6.1	56.0
201039		9.9	4.40	18.95	0.09	2.9	0.044	2.09	7.2	12.9	0.35	151	2.07	2.41	6.1	30.3
201040		94.1	4.98	28.20	0.22	3.8	0.110	4.40	81.0	6.4	0.24	39	29.90	0.21	5.2	32.9
201044		>10000	7.58	19.20	0.20	2.2	0.297	4.82	38.0	24.8	2.89	219	7.96	0.07	4.6	38.5
201046		69.3	4.71	19.20	0.12	4.3	0.301	0.94	28.9	10.4	1.16	536	35.90	3.49	8.7	155.0
201047		67.4	4.79	20.10	0.12	4.6	0.047	0.57	28.1	13.5	1.22	520	38.70	4.01	8.3	168.5
286374		>10000	3.80	4.52	0.05	0.7	0.316	0.42	16.9	16.4	9.71	2530	4.33	0.02	1.7	9.8
286375		140.5	7.10	20.50	0.10	4.0	0.037	2.43	8.8	14.1	0.55	165	0.84	0.17	9.0	68.3
286376		224.0	4.22	24.00	0.16	3.1	0.068	3.33	64.6	10.5	0.52	143	0.53	0.17	6.6	19.5
286377		15.7	5.46	16.05	0.08	3.0	0.029	1.55	3.2	16.0	0.76	319	1.22	2.76	6.4	44.4
286378		7.9	3.06	19.05	0.12	2.7	0.036	2.22	49.5	14.8	0.53	347	0.42	0.14	2.7	27.7
286379		6.1	4.99	11.60	0.08	3.4	0.015	0.48	6.0	19.8	1.19	183	0.70	1.91	7.5	62.8
286380		3.2	2.94	10.95	0.05	2.0	0.013	0.93	3.2	12.4	0.59	269	0.48	2.18	4.3	22.9
286381		3.8	3.81	14.05	0.08	1.8	0.023	1.03	2.8	18.1	0.69	524	2.67	3.40	4.0	45.5
286382		7.1	5.77	17.60	0.09	5.6	0.010	0.28	6.8	20.4	0.95	784	2.68	5.28	8.5	64.5
286383		2.5	3.67	12.30	0.09	3.3	0.011	0.56	20.6	19.3	0.93	318	0.39	4.03	7.4	43.7
286384		4.0	2.54	14.75	0.06	2.0	0.027	1.53	13.3	6.0	0.25	81	0.76	2.40	3.3	17.6

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Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	P	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
201009		1050	137.5	106.5	0.024	0.33	3.90	5	1.2	16.1	0.50	0.44	57.5	0.160	0.28	990.0
201010		530	7.0	12.9	<0.002	<0.01	1.65	<1	2.1	100.5	1.18	0.07	25.9	0.283	0.06	52.3
201011		740	64.1	11.2	0.003	0.06	6.98	5	3.0	78.8	1.50	0.18	206.0	0.367	0.19	1360.0
201012		330	43.2	23.8	0.002	<0.01	5.14	3	1.9	91.1	1.61	0.08	130.0	0.291	0.12	1100.0
201013		160	13.1	3.5	0.003	<0.01	2.90	1	5.3	91.5	3.27	0.05	150.0	0.629	0.03	266.0
201014		200	35.8	6.9	0.003	<0.01	6.74	3	2.9	95.6	2.81	0.05	213.0	0.540	0.04	1590.0
201015		550	24.2	8.6	0.002	<0.01	3.43	2	3.1	84.8	2.74	0.08	116.0	0.548	0.03	630.0
201016		590	29.8	46.5	0.002	<0.01	3.99	2	1.6	19.5	1.10	0.12	192.5	0.178	0.13	1430.0
201017		340	42.6	116.5	<0.002	<0.01	5.96	3	2.2	40.4	0.95	0.05	274.0	0.174	0.29	1850.0
201019		140	16.0	28.5	<0.002	<0.01	2.34	1	1.3	41.3	0.57	<0.05	106.0	0.140	0.10	800.0
201020		1650	7.1	73.9	<0.002	<0.01	1.22	<1	2.1	36.0	0.42	<0.05	39.3	0.117	0.24	225.0
201021		870	6.1	21.9	<0.002	0.01	1.02	<1	1.1	55.0	0.37	0.05	30.0	0.105	0.08	117.0
201022		780	21.1	28.5	<0.002	0.01	2.58	2	1.7	69.7	0.91	0.05	77.8	0.239	0.08	520.0
201023		670	59.2	14.8	0.002	0.01	7.48	5	2.5	90.3	1.93	0.12	212.0	0.450	0.12	1690.0
201024		620	8.1	15.6	<0.002	0.01	1.24	1	0.8	68.0	0.56	0.05	26.4	0.154	0.06	115.0
201025		660	22.8	5.9	<0.002	0.01	2.20	1	0.4	82.9	0.48	<0.05	113.0	0.128	0.03	810.0
201026		190	11.7	123.0	<0.002	0.01	1.67	1	3.3	18.3	0.48	0.11	68.3	0.145	0.24	480.0
201028		210	17.1	45.3	<0.002	<0.01	2.27	1	1.3	84.3	0.90	0.05	107.0	0.211	0.11	710.0
201030		470	9.3	32.7	<0.002	<0.01	1.09	<1	1.4	25.7	0.50	<0.05	40.9	0.134	0.08	299.0
201031		680	4.5	146.5	<0.002	<0.01	0.75	<1	5.5	41.9	0.57	0.07	20.6	0.225	0.24	96.1
201032		420	6.0	64.9	<0.002	0.01	0.71	<1	2.0	14.9	0.29	0.09	29.9	0.112	0.12	133.5
201034		890	11.6	129.5	<0.002	<0.01	1.57	1	3.4	60.0	0.51	<0.05	85.5	0.118	0.24	470.0
201035		2200	22.4	320.0	0.012	0.38	2.02	2	4.8	33.7	0.61	0.64	29.6	0.198	1.05	167.5
201038		250	4.7	274.0	0.005	0.01	0.58	<1	4.8	49.4	0.47	0.12	16.4	0.127	0.94	14.8
201039		210	4.6	145.0	<0.002	0.01	0.52	<1	3.1	32.0	0.48	<0.05	13.3	0.104	0.40	8.3
201040		490	2.7	285.0	0.017	0.38	0.53	1	3.5	23.7	0.36	0.29	21.6	0.142	0.93	8.8
201044		1280	37.9	99.2	0.065	0.67	2.63	11	3.5	24.9	0.26	0.98	11.0	0.134	0.47	18.4
201046		510	82.3	43.1	0.026	0.28	0.30	2	7.4	165.5	1.08	0.07	13.4	0.324	0.21	207.0
201047		590	471.0	26.8	0.056	0.18	0.21	4	4.7	189.0	0.91	0.12	12.8	0.329	0.15	1630.0
286374		280	3.5	21.6	<0.002	1.22	0.33	2	0.6	33.1	0.13	0.11	3.9	0.040	0.05	7.9
286375		1260	10.2	183.0	0.002	0.01	1.84	2	4.5	16.8	0.92	0.18	66.0	0.197	0.38	394.0
286376		870	13.0	204.0	<0.002	0.03	1.15	1	4.0	15.0	0.71	0.06	63.0	0.147	0.38	420.0
286377		740	8.2	96.6	<0.002	0.01	0.88	1	2.6	40.5	0.54	0.09	38.8	0.186	0.16	222.0
286378		1260	9.1	132.5	<0.002	0.01	0.86	1	3.2	12.5	0.24	0.06	35.3	0.083	0.25	160.0
286379		100	19.1	33.9	<0.002	<0.01	2.90	2	1.1	39.4	0.68	0.05	128.0	0.189	0.07	870.0
286380		1420	4.8	59.1	<0.002	<0.01	0.86	<1	2.3	28.6	0.29	<0.05	33.6	0.152	0.12	98.8
286381		90	10.0	70.9	<0.002	<0.01	1.29	2	2.5	47.7	0.53	<0.05	58.0	0.133	0.13	356.0
286382		270	4.0	17.1	<0.002	0.01	1.18	1	1.3	90.1	0.67	<0.05	20.1	0.214	0.05	24.6
286383		710	7.4	38.6	<0.002	<0.01	1.26	1	1.3	51.8	0.62	<0.05	48.8	0.171	0.10	209.0
286384		300	3.9	105.5	<0.002	<0.01	0.52	<1	2.4	34.8	0.22	<0.05	16.8	0.094	0.22	25.9

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Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	Cu-AA62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.01	0.01
201009		58	4.1	84.1	84	49.8		
201010		34	23.0	22.1	14	236.0		
201011		37	25.5	96.3	23	346.0		0.12
201012		22	16.6	61.7	17	250.0		0.10
201013		66	79.6	74.0	19	>500		
201014		70	30.4	78.8	12	474.0		0.15
201015		68	36.6	57.5	14	451.0		
201016		26	3.8	53.3	25	124.5		0.14
201017		36	3.9	60.5	32	111.5		0.17
201019		33	3.0	19.8	20	33.0		
201020		32	4.6	12.1	21	54.5		
201021		20	6.5	8.4	88	43.2		
201022		42	10.4	40.5	18	205.0		
201023		31	26.6	106.5	18	434.0		0.18
201024		27	7.8	22.0	14	140.0		
201025		19	4.2	26.9	17	55.1		
201026		48	5.2	22.6	10	93.1		
201028		48	2.6	33.2	15	158.5		
201030		39	1.8	13.0	13	76.0		
201031		72	7.2	13.9	14	133.0		
201032		32	2.6	9.5	13	43.6		
201034		35	4.6	20.0	7	59.0		
201035		94	3.4	22.2	8	150.5		
201038		90	6.0	8.4	13	118.0		
201039		49	6.7	7.3	17	90.9		
201040		78	5.9	13.7	5	110.5		
201044		174	2.3	10.5	74	65.9	1.05	
201046		196	7.0	18.5	125	132.5		
201047		642	3.0	20.6	81	175.5		0.16
286374		30	0.9	11.4	11	23.6	1.61	
286375		58	11.4	26.9	13	119.0		
286376		55	4.7	17.8	7	92.1		
286377		53	3.8	14.5	16	87.9		
286378		38	2.6	15.9	14	78.8		
286379		46	2.4	29.8	17	102.0		
286380		41	8.3	13.0	12	62.1		
286381		29	5.3	15.5	16	62.0		
286382		42	14.3	20.4	19	167.0		
286383		37	5.6	23.6	14	101.0		
286384		33	4.2	7.2	8	59.6		

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 25-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089780

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-AA23 Au Check ppm 0.005	ME-MS61U Ag ppm 0.01	ME-MS61U Al % 0.01	ME-MS61U As ppm 0.2	ME-MS61U Ba ppm 10	ME-MS61U Be ppm 0.05	ME-MS61U Bi ppm 0.01	ME-MS61U Ca % 0.01	ME-MS61U Cd ppm 0.02	ME-MS61U Ce ppm 0.01	ME-MS61U Co ppm 0.1	ME-MS61U Cr ppm 1	ME-MS61U Cs ppm 0.05
286385		0.90	<0.005		<0.01	7.82	1.5	840	2.63	0.10	0.11	<0.02	115.50	13.2	45	4.98
286386		0.82	<0.005		0.03	8.75	4.2	120	1.17	0.43	0.18	<0.02	7.14	5.9	18	0.71
286388		1.04	<0.005		0.03	3.67	4.7	300	1.25	0.34	0.07	<0.02	14.35	6.8	26	1.53
286389		0.92	<0.005		0.02	8.31	0.5	880	3.03	0.06	0.11	<0.02	38.70	4.4	52	8.00
286390		0.86	<0.005		0.02	8.51	1.0	110	1.00	0.14	0.08	<0.02	1.68	13.4	55	0.71
286944		0.54	<0.005	0.023	11.65	7.39	4.8	390	2.44	7.08	0.34	0.05	55.10	12.2	58	3.12
286945		0.04	0.965	0.841	6.24	9.19	41.0	1160	3.54	30.50	0.28	<0.02	33.00	50.2	89	5.42
286979		4.04	<0.005	<0.005	0.03	7.63	2.0	1650	4.64	0.17	2.88	0.02	39.40	9.2	30	4.36
286980		2.06	<0.005		0.03	9.18	2.1	3030	5.67	0.16	0.80	0.03	13.70	10.0	8	5.44
286981		0.40	<0.005		0.02	9.48	1.7	2850	3.79	0.07	0.40	0.02	5.36	8.4	4	4.36
286982		0.30	<0.005		0.23	7.42	2.6	760	4.77	0.24	2.99	0.02	11.10	4.9	11	6.58
286984		2.04	0.007		0.13	8.21	4.6	100	1.50	1.92	0.70	0.02	27.30	5.6	42	0.93
286985		1.12	0.018		0.21	8.60	5.4	60	1.65	4.51	0.38	<0.02	26.30	11.3	96	0.40
286986		1.30	<0.005		0.08	8.32	2.1	50	1.47	0.38	0.64	<0.02	21.40	15.9	101	0.71
286987		0.94	<0.005		0.08	8.54	2.2	50	1.49	0.20	0.95	<0.02	33.70	17.6	121	0.72
286988		0.36	<0.005		0.06	4.01	0.4	520	1.55	0.10	0.05	<0.02	20.40	1.6	32	4.09
286989		1.10	<0.005		0.03	5.42	1.3	490	1.75	0.18	0.08	<0.02	42.40	2.4	38	4.81
286990		0.84	<0.005		0.02	9.43	7.7	540	1.88	0.29	0.20	0.04	15.05	4.3	64	2.66
286991		0.78	<0.005		0.04	8.30	5.8	120	1.43	0.85	0.19	0.02	326.00	6.4	21	0.69
286992		0.76	<0.005		0.03	8.38	2.1	90	1.22	0.51	0.14	<0.02	14.05	1.2	17	0.69
286993		0.70	<0.005		0.04	8.09	1.3	100	0.97	0.21	1.21	0.04	14.40	8.9	16	0.46
286994		1.02	<0.005		0.07	8.26	3.8	70	1.14	0.57	0.16	<0.02	17.45	9.4	55	0.75
286995		1.70	<0.005		0.04	3.84	1.4	260	0.94	0.28	0.12	<0.02	16.20	10.6	65	1.95
286996		1.50	<0.005		0.06	7.44	3.9	130	1.14	0.17	0.52	<0.02	40.60	29.2	64	0.83
286997		1.18	<0.005		0.05	6.81	0.2	760	1.68	0.19	0.20	<0.02	7.91	7.4	46	3.31
286998		1.12	<0.005		0.07	5.17	5	860	2.18	0.07	13.65	<0.02	>500	3.3	33	1.93
286999		0.76	<0.005		0.22	5.88	2.6	1030	1.74	1.05	6.13	0.02	99.10	8.7	32	1.47
287012		0.70	<0.005		0.03	5.15	0.2	610	1.11	0.02	0.17	<0.02	86.60	9.4	35	2.49
287013		0.52	<0.005		0.03	4.52	<0.2	320	0.88	0.05	0.38	0.02	15.00	8.3	35	1.75
287014		0.66	0.028		0.06	8.23	3.6	60	0.68	0.67	0.31	0.02	48.60	2.3	49	0.45
287015		0.64	<0.005		0.07	8.12	0.6	230	1.56	0.07	0.38	<0.02	18.40	7.4	89	1.01
287016		0.42	<0.005		0.02	4.86	0.2	640	1.30	0.05	0.12	<0.02	34.00	6.6	25	3.00
287017		0.78	<0.005		0.03	4.44	1.3	410	1.38	0.11	0.28	<0.02	24.20	3.9	31	2.55
287018		0.86	0.020		0.08	8.00	9.1	70	1.14	0.71	0.24	<0.02	10.25	10.8	44	0.38
287019		0.56	<0.005		0.03	8.03	<0.2	770	2.78	0.01	0.13	<0.02	18.50	8.0	54	5.72
287020		0.76	<0.005		0.16	6.20	1.7	260	1.63	0.34	0.16	0.03	>500	5.5	35	2.21
287021		0.98	0.079		0.05	8.53	2.2	80	1.42	0.60	0.20	<0.02	22.50	6.4	35	1.12
287022		0.52	<0.005		0.05	8.28	3.2	470	2.38	0.58	0.21	<0.02	47.10	5.9	28	3.26
287023		0.78	0.006		0.02	6.05	1.2	200	1.32	0.41	0.13	0.02	13.30	3.3	18	1.42
287025		1.58	<0.005		0.05	7.17	2.8	410	1.17	0.16	0.19	<0.02	8.44	12.6	40	2.01

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Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
286385		3.4	3.23	23.40	0.19	3.2	0.050	2.74	56.6	19.9	0.82	179	0.80	0.82	9.1	44.1
286386		20.7	2.20	11.30	0.07	1.5	0.023	0.49	1.5	22.1	0.93	834	0.58	6.21	6.4	19.4
286388		4.6	2.37	10.15	0.09	1.6	0.028	0.97	2.8	15.9	0.56	252	0.70	0.76	10.7	28.9
286389		10.8	4.44	25.20	0.13	3.1	0.060	3.28	20.8	13.5	0.32	122	1.22	0.90	4.8	31.9
286390		25.7	4.08	12.80	0.08	2.1	0.011	0.55	0.5	29.5	0.58	363	0.46	6.08	8.1	33.2
286944		213.0	1.26	20.30	0.11	1.8	0.025	1.46	22.7	38.1	1.15	1630	26.90	4.52	7.1	37.1
286945		1440.0	3.07	25.00	0.22	3.2	0.327	4.59	13.2	78.7	0.82	777	12.10	0.11	13.3	51.1
286979		21.0	1.59	19.80	0.10	1.3	0.023	4.14	23.8	24.6	0.93	792	1.40	2.77	6.0	15.6
286980		18.0	0.79	16.80	0.08	0.7	0.031	5.13	7.6	11.4	0.54	382	0.44	2.19	4.0	3.5
286981		17.8	0.45	15.25	<0.05	0.6	0.020	5.92	3.2	5.0	0.29	251	0.24	2.77	4.9	1.5
286982		32.2	1.43	13.15	0.17	1.0	0.029	2.85	5.0	31.3	0.96	904	1.90	2.02	12.2	6.2
286984		5.6	1.69	12.00	0.26	8.9	0.022	0.36	8.9	18.1	0.46	691	0.74	5.85	20.0	28.6
286985		13.2	2.47	18.10	0.32	20.4	0.025	0.10	5.0	11.1	0.50	336	3.49	6.08	40.0	47.8
286986		8.3	5.23	15.95	0.25	12.4	0.016	0.14	8.8	24.8	1.07	688	2.37	4.78	13.2	68.0
286987		59.3	5.07	15.45	0.26	10.8	0.015	0.17	16.5	18.9	0.95	960	2.11	5.30	16.7	49.0
286988		4.5	2.34	10.95	0.16	1.7	0.027	1.64	9.7	4.5	0.13	80	0.88	0.35	5.0	13.4
286989		2.1	3.81	13.90	0.23	2.0	0.043	1.73	19.0	6.0	0.17	100	0.44	1.08	7.0	23.9
286990		1.6	2.06	17.55	0.18	3.3	0.036	1.76	7.6	13.1	0.38	321	0.25	4.87	10.6	16.7
286991		4.8	0.68	13.00	0.61	3.5	0.028	0.39	184.0	7.8	0.19	187	0.48	6.59	23.7	11.0
286992		4.3	0.91	9.40	0.18	4.5	0.007	0.32	5.0	2.8	0.08	67	0.63	7.15	12.0	7.0
286993		4.6	5.14	11.55	0.23	2.2	0.017	0.12	6.5	38.2	0.83	1520	1.76	4.96	2.8	64.8
286994		1.4	5.06	10.75	0.26	3.3	0.020	0.21	5.6	27.1	1.24	348	0.60	5.06	13.0	40.0
286995		1.6	8.39	9.96	0.22	1.8	0.026	0.70	6.9	16.3	1.00	169	1.97	0.79	5.6	64.3
286996		5.5	3.60	10.80	0.25	5.1	0.017	0.32	19.8	8.2	0.38	201	3.62	4.23	9.6	52.7
286997		3.5	4.45	17.25	0.19	1.5	0.056	2.25	3.6	12.4	0.33	133	1.26	0.99	5.0	26.5
286998		3.1	1.69	19.40	1.12	0.8	0.046	3.52	>500	15.4	0.69	1905	0.39	0.55	12.4	5.7
286999		4.2	1.23	15.55	0.34	0.8	0.037	4.32	39.6	18.2	1.08	1045	8.13	1.16	15.0	22.5
287012		2.3	2.78	12.60	0.24	2.0	0.031	1.69	41.3	17.0	0.72	177	0.66	0.53	5.3	25.2
287013		1.5	3.43	12.00	0.13	1.6	0.015	1.20	7.5	34.3	1.36	394	0.47	0.10	2.4	69.5
287014		1.3	2.64	13.15	0.26	2.8	0.015	0.15	19.5	11.0	0.28	585	0.53	6.52	8.4	6.6
287015		3.5	7.26	12.30	0.23	4.9	0.015	0.87	9.6	15.6	0.65	695	2.73	3.69	9.4	46.2
287016		6.3	4.24	12.10	0.18	1.7	0.037	1.75	17.8	8.6	0.27	90	2.69	0.53	2.7	22.7
287017		2.7	2.41	10.50	0.18	2.1	0.030	1.31	10.4	12.1	0.46	140	0.44	0.81	8.2	20.9
287018		998.0	3.78	11.55	0.23	8.9	0.023	0.09	2.1	20.9	0.55	227	4.00	5.53	11.6	33.1
287019		2.0	4.47	22.40	0.21	3.5	0.045	3.08	9.3	19.0	1.04	85	0.26	0.52	5.8	52.5
287020		6.8	3.17	21.10	1.89	1.7	0.014	0.88	>500	18.8	0.59	303	1.00	2.55	2.8	22.3
287021		3.0	3.73	12.40	0.26	5.3	0.016	0.34	8.5	22.5	0.70	654	8.02	5.30	8.7	37.8
287022		14.2	1.82	17.70	0.23	4.4	0.041	1.86	23.6	20.9	0.47	236	0.95	2.98	8.3	20.5
287023		3.7	2.66	9.92	0.20	1.7	0.021	0.73	4.1	9.3	0.26	306	0.64	2.99	7.6	23.7
287025		8.9	5.89	16.35	0.10	2.4	0.020	1.80	3.9	63.1	1.51	615	1.08	0.55	3.6	95.7

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	Analyte	P	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
286385		440	19.1	173.5	<0.002	0.01	1.90	1	3.8	29.8	0.66	0.05	107.5	0.183	0.33	690.0
286386		20	53.3	23.0	0.002	<0.01	3.78	2	0.5	74.5	0.78	0.09	241.0	0.150	0.09	1600.0
286388		160	49.1	67.2	<0.002	0.01	7.12	4	1.4	18.8	1.09	0.08	354.0	0.208	0.14	2450.0
286389		410	4.9	217.0	<0.002	<0.01	0.67	<1	4.1	26.7	0.34	<0.05	25.5	0.130	0.52	78.8
286390		50	6.4	13.8	<0.002	0.01	1.49	<1	0.9	35.3	0.55	0.06	16.7	0.158	0.11	76.0
286944		880	43.3	94.1	0.002	0.01	2.02	3	0.3	53.8	0.57	8.30	24.9	0.237	0.58	157.5
286945		840	127.5	161.0	0.005	0.17	12.80	17	4.0	9.9	1.06	3.19	20.5	0.346	0.83	3660.0
286979		380	4.3	223.0	<0.002	0.01	0.83	1	1.0	204.0	0.48	<0.05	11.8	0.194	0.92	40.9
286980		440	6.7	329.0	0.002	0.02	0.78	1	<0.2	216.0	0.39	<0.05	25.7	0.064	1.61	102.5
286981		220	5.9	299.0	0.002	0.01	0.69	1	0.3	351.0	0.55	<0.05	16.6	0.087	1.55	31.3
286982		590	11.8	252.0	<0.002	0.01	1.39	2	1.3	154.5	1.09	0.16	45.0	0.141	0.97	252.0
286984		380	48.8	23.9	<0.002	<0.01	5.34	5	2.1	92.6	1.41	0.09	157.5	0.325	0.11	1300.0
286985		680	101.5	6.5	<0.002	0.01	9.28	8	3.9	107.0	2.79	0.09	291.0	0.634	0.15	2410.0
286986		650	29.2	8.2	<0.002	0.02	2.91	4	1.7	89.5	0.98	0.07	81.5	0.278	0.03	610.0
286987		900	18.4	10.2	<0.002	0.04	2.44	3	2.3	81.8	1.30	0.05	71.6	0.361	0.03	342.0
286988		150	9.2	106.0	<0.002	<0.01	0.89	2	2.2	17.7	0.34	<0.05	36.4	0.099	0.27	239.0
286989		200	24.1	124.5	<0.002	<0.01	2.32	2	2.9	29.0	0.41	<0.05	150.5	0.135	0.32	930.0
286990		20	12.1	128.0	<0.002	0.01	2.52	2	3.4	33.9	0.63	<0.05	85.1	0.197	0.27	520.0
286991		210	45.1	25.5	<0.002	<0.01	8.34	5	1.7	96.2	1.49	0.07	305.0	0.391	0.05	2060.0
286992		30	12.9	22.9	<0.002	<0.01	2.82	3	1.1	73.2	0.88	<0.05	55.4	0.181	0.06	286.0
286993		200	15.9	8.5	<0.002	<0.01	3.17	2	0.5	76.0	0.23	<0.05	74.7	0.060	0.03	670.0
286994		30	22.4	15.1	<0.002	<0.01	5.35	3	0.9	80.2	0.79	<0.05	199.5	0.259	0.04	1280.0
286995		460	21.3	46.6	<0.002	<0.01	2.77	2	1.9	19.1	0.37	<0.05	145.0	0.127	0.08	960.0
286996		2010	16.0	22.0	<0.002	0.03	3.07	3	1.2	77.6	0.91	<0.05	119.0	0.179	0.05	500.0
286997		850	8.2	160.5	<0.002	0.02	1.04	2	4.0	18.2	0.37	0.10	37.4	0.108	0.31	251.0
286998		620	33.3	158.0	<0.002	<0.01	1.23	6	1.7	124.0	2.59	<0.05	60.7	0.191	0.28	760.0
286999		640	47.6	186.0	<0.002	<0.01	1.78	3	2.1	72.2	0.94	<0.05	40.6	0.267	0.41	740.0
287012		520	3.6	96.3	<0.002	0.01	0.41	1	2.3	15.8	0.35	<0.05	10.2	0.108	0.18	9.5
287013		910	5.0	78.4	<0.002	<0.01	0.65	1	2.0	12.3	0.17	<0.05	13.5	0.067	0.16	31.0
287014		240	32.8	11.4	<0.002	<0.01	6.09	5	1.6	32.8	0.57	0.12	216.0	0.248	0.04	1040.0
287015		440	7.5	58.2	<0.002	0.01	1.31	2	2.9	72.5	0.84	<0.05	23.9	0.273	0.09	119.0
287016		520	2.7	132.0	<0.002	0.03	0.44	1	3.2	13.7	0.19	<0.05	11.7	0.076	0.27	5.3
287017		1210	21.3	90.5	<0.002	<0.01	2.39	2	1.9	19.3	0.71	<0.05	117.0	0.141	0.19	760.0
287018		630	30.7	7.6	<0.002	0.12	4.89	3	1.8	70.7	0.85	0.09	113.0	0.226	0.03	610.0
287019		490	2.7	201.0	<0.002	<0.01	0.47	2	7.3	19.1	0.35	<0.05	20.7	0.191	0.32	5.8
287020		710	9.9	64.5	<0.002	0.01	1.25	3	1.8	54.2	0.24	0.08	298.0	0.091	0.15	27.7
287021		250	30.4	23.8	<0.002	<0.01	3.48	3	1.3	83.5	0.67	0.11	88.0	0.141	0.07	680.0
287022		410	39.6	137.0	<0.002	0.01	4.31	3	4.0	57.4	0.57	<0.05	100.5	0.170	0.27	750.0
287023		170	24.9	59.3	<0.002	<0.01	3.05	3	1.4	54.5	0.93	<0.05	158.0	0.117	0.14	1140.0
287025		800	21.4	156.5	0.004	0.02	1.94	2	2.5	12.9	0.37	<0.05	83.7	0.102	0.33	780.0

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Finalized Date: 25-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089780

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	Cu-AA62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.01	0.01
286385		52	4.6	32.0	13	101.0		
286386		14	1.5	40.6	17	44.7		0.19
286388		24	2.8	66.9	16	46.9		0.25
286389		59	5.7	10.9	7	92.0		
286390		26	3.7	5.4	25	62.5		
286944		164	1.7	27.1	29	52.5		
286945		92	15.6	83.3	11	87.3		0.39
286979		45	3.8	18.9	38	42.8		
286980		7	2.3	26.1	19	21.6		
286981		3	4.6	10.7	12	20.4		
286982		13	7.1	28.6	37	33.0		
286984		22	20.3	73.8	11	283.0		0.13
286985		37	50.9	137.0	9	>500		0.25
286986		49	16.5	56.1	18	387.0		
286987		57	23.5	45.4	15	335.0		
286988		29	2.8	10.8	8	53.8		
286989		39	3.9	27.9	7	62.8		
286990		32	6.2	22.5	12	103.5		
286991		8	9.9	67.3	7	109.5		0.20
286992		9	5.9	32.7	7	146.5		
286993		19	3.5	22.9	34	67.7		
286994		35	3.5	38.2	21	101.5		0.12
286995		57	3.7	27.6	16	55.7		
286996		31	8.5	62.8	12	162.5		
286997		46	5.4	11.4	10	48.2		
286998		40	5.5	115.5	23	23.6		
286999		47	4.4	43.3	42	26.6		
287012		33	3.5	7.2	15	62.7		
287013		27	3.5	14.6	31	51.2		
287014		24	6.7	54.0	11	85.7		0.10
287015		54	10.6	15.6	15	150.5		
287016		34	5.5	6.3	7	55.6		
287017		26	3.0	28.9	11	64.8		
287018		28	14.9	45.5	15	284.0		
287019		73	12.9	11.5	9	109.5		
287020		27	2.1	27.6	20	57.0		
287021		32	7.3	41.2	15	170.5		
287022		35	8.0	43.6	12	149.0		
287023		18	3.6	39.3	14	55.0		0.12
287025		28	5.4	21.9	46	71.7		

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Finalized Date: 25-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089780

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-AA23 Au Check ppm 0.005	ME-MS61U Ag ppm 0.01	ME-MS61U Al % 0.01	ME-MS61U As ppm 0.2	ME-MS61U Ba ppm 10	ME-MS61U Be ppm 0.05	ME-MS61U Bi ppm 0.01	ME-MS61U Ca % 0.01	ME-MS61U Cd ppm 0.02	ME-MS61U Ce ppm 0.01	ME-MS61U Co ppm 0.1	ME-MS61U Cr ppm 1	ME-MS61U Cs ppm 0.05
287027		0.70	0.009		<0.01	4.37	2.4	370	1.38	0.26	0.29	<0.02	10.15	4.6	49	1.95
287028		1.00	<0.005		<0.01	6.92	3.0	580	1.81	0.17	0.15	<0.02	9.50	5.9	33	2.90
287029		1.24	0.007		0.04	6.25	1.9	540	1.64	0.16	0.26	<0.02	34.40	9.2	45	3.05
287031		1.50	0.038		0.08	10.20	6.9	1730	5.58	1.04	0.08	0.02	92.70	3.5	50	10.85
287032		0.96	0.045		0.30	2.71	9.4	220	1.63	1.19	0.06	0.02	17.05	52.8	15	2.07
287033		0.84	<0.005		0.04	9.40	9.8	1220	3.90	1.19	0.12	<0.02	25.60	6.3	53	8.02
287034		1.66	<0.005		0.05	8.54	7.0	2730	9.45	0.22	1.29	<0.02	>500	1.5	53	1.26

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Finalized Date: 25-OCT-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089780

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
287027		1.9	4.31	12.30	0.14	2.8	0.011	1.28	2.5	21.6	0.67	251	0.60	0.37	9.5	38.2
287028		3.1	3.44	15.10	0.14	1.3	0.024	1.90	4.1	9.5	0.25	128	1.05	1.76	6.4	18.2
287029		2.3	3.91	16.80	0.16	1.3	0.017	1.81	20.0	24.7	0.65	225	1.93	0.86	5.0	50.2
287031		27.3	2.77	30.60	0.25	4.8	0.148	4.95	52.6	37.0	0.33	52	33.80	0.22	12.0	26.3
287032		432.0	>50	20.70	1.75	0.5	<0.005	0.67	10.4	11.4	0.20	236	556.00	0.65	1.9	301.0
287033		15.5	4.70	26.60	0.21	3.8	0.127	4.19	7.2	36.2	0.33	109	9.74	0.19	10.2	28.3
287034		3.4	1.00	20.70	0.44	1.9	0.046	5.24	>500	5.5	0.16	360	1.27	2.95	48.8	2.6

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Finalized Date: 25-OCT-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089780

Sample Description	Method / Analyte / Units / LOR	ME-MS61U P ppm 10	ME-MS61U Pb ppm 0.5	ME-MS61U Rb ppm 0.1	ME-MS61U Re ppm 0.002	ME-MS61U S % 0.01	ME-MS61U Sb ppm 0.05	ME-MS61U Se ppm 1	ME-MS61U Sn ppm 0.2	ME-MS61U Sr ppm 0.2	ME-MS61U Ta ppm 0.05	ME-MS61U Te ppm 0.05	ME-MS61U Th ppm 0.2	ME-MS61U Ti % 0.005	ME-MS61U Tl ppm 0.02	ME-MS61U U ppm 0.1
287027		1180	43.5	84.1	<0.002	<0.01	5.12	4	2.5	17.5	1.21	0.05	272.0	0.246	0.10	2180.0
287028		430	23.6	138.0	<0.002	0.01	3.79	2	2.9	31.3	0.72	<0.05	140.5	0.139	0.26	1020.0
287029		930	19.2	133.0	<0.002	0.01	3.16	2	3.5	24.4	0.47	0.06	101.5	0.132	0.23	780.0
287031		460	73.6	322.0	0.018	0.01	10.20	4	4.4	13.6	0.93	1.38	28.4	0.299	0.66	1950.0
287032		220	21.5	54.4	0.012	0.04	5.40	13	1.7	12.5	0.17	2.48	23.2	0.031	<0.02	120.0
287033		530	172.0	293.0	<0.002	<0.01	8.08	3	3.5	13.4	0.85	0.15	23.9	0.265	0.69	2260.0
287034		1280	168.5	313.0	0.004	<0.01	2.47	10	4.7	235.0	3.40	0.05	45.2	0.709	0.66	740.0

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Finalized Date: 25-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089780

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	Cu-AA62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.01	0.01
287027		39	5.3	57.9	17	78.5		0.21
287028		33	4.1	29.3	8	39.1		0.10
287029		41	5.5	22.4	15	38.4		
287031		75	9.8	63.7	2	143.0		0.19
287032		131	54.9	17.9	37	15.1		
287033		74	10.6	41.5	4	111.0		0.22
287034		55	4.5	389.0	30	43.3		

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Finalized Date: 19-SEP-2006
Account: EIA

CERTIFICATE VA06085952

Project: Werneckes

P.O. No.: FRG06-01

This report is for 15 Rock samples submitted to our lab in Vancouver, BC, Canada on 5-SEP-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL	ROBIN BLACK	DAVID C
I DUNLOP	SCOTT HEFFERNAN	RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **EQUITY ENGINEERING LTD.**
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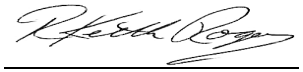
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 19-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06085952

Sample Description	Method Analyte Units LOR	Au-AA23 Au ppm 0.005
C286154		0.199
C286156		0.020
C286107		<0.005
C286121		<0.005
C286427		0.012
C286434		<0.005
C286011		<0.005
C286012		0.057
C286013		0.005
C286014		<0.005
C286015		0.015
C286016		<0.005
C286017		<0.005
C286024		<0.005
C286008		0.013

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Finalized Date: 23-AUG-2006
Account: EIA

CERTIFICATE VA06074438

Project: Werneckes

P.O. No.: FRG06-01

This report is for 41 Rock samples submitted to our lab in Vancouver, BC, Canada on 25-JUL-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA62	Ore grade Cu - four acid / AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	47 element four acid ICP-MS	

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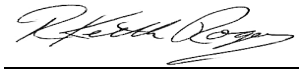
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

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Finalized Date: 23-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06074438

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
C286043		0.76	0.007	0.05	5.98	3.7	400	1.58	0.31	0.11	0.07	83.10	11.5	28	4.37	22.1
C286044		0.80	0.008	1.90	4.55	136.0	140	1.26	7.41	0.02	0.07	89.70	165.0	51	4.14	526.0
C286045		0.68	<0.005	0.19	7.81	3.2	110	1.36	0.22	1.56	<0.02	60.80	24.8	44	0.45	891.0
C286046		0.68	0.007	0.16	7.12	5.4	890	3.13	0.33	3.47	<0.02	56.90	23.2	13	5.94	798.0
C286047		1.86	<0.005	0.05	6.19	2.0	420	1.26	0.11	6.02	<0.02	132.00	10.3	35	2.46	20.0
C286048		0.86	0.017	1.04	7.52	382.0	60	1.88	3.31	1.85	<0.02	78.00	548.0	76	0.63	3920.0
C286049		0.66	<0.005	0.03	8.26	13.7	280	3.47	0.12	1.74	<0.02	70.20	58.5	65	5.85	28.0
C286050		3.46	<0.005	<0.01	10.60	0.9	700	1.40	0.03	0.15	<0.02	10.05	1.3	86	2.48	225.0
C286701		1.46	<0.005	<0.01	10.60	<0.2	640	3.82	0.04	0.53	<0.02	179.00	3.4	69	5.13	0.2
C286702		0.72	<0.005	0.04	8.68	0.8	360	5.22	0.27	1.16	<0.02	267.00	3.1	69	2.58	47.6
C286703		0.50	0.005	0.33	4.62	78.5	70	0.92	4.07	0.24	0.02	16.40	52.3	23	0.76	34.1
C286704		0.58	0.017	0.08	7.51	39.8	370	1.82	2.88	2.72	0.02	73.90	54.6	51	1.87	8.6
C286705		0.94	0.075	0.39	6.71	<5	360	5.36	0.08	11.20	<0.02	116.50	5.0	24	3.81	4430.0
C286706		1.22	0.087	1.86	8.19	2.7	410	8.26	0.77	2.55	<0.02	43.60	25.9	8	11.70	>10000
C286707		1.54	0.033	0.21	7.34	<0.2	360	2.41	0.06	5.91	<0.02	116.50	8.0	43	12.70	3060.0
C286708		0.64	0.198	0.09	8.78	6.3	930	2.37	0.18	1.93	<0.02	20.90	54.8	38	3.02	84.0
C286709		1.04	0.017	1.00	8.18	2.0	110	1.02	0.22	0.87	<0.02	12.75	56.1	64	0.30	2590.0
C286710		0.92	0.056	0.34	6.73	0.6	650	2.23	0.18	8.39	0.02	52.20	11.6	40	11.10	3460.0
C286084		1.32	0.023	0.33	6.61	15.9	270	2.47	0.26	5.92	<0.02	92.80	62.4	41	2.38	4130.0
C286085		1.58	0.006	0.15	4.30	22.4	50	0.61	0.45	1.10	0.03	32.00	18.2	77	0.90	1680.0
C286086		0.52	0.007	0.44	5.91	259.0	280	2.38	8.96	0.07	0.02	105.50	15.1	50	4.00	120.5
C286087		1.42	0.005	0.10	6.87	4.4	170	1.79	0.38	0.79	<0.02	72.10	4.5	80	1.50	48.4
C286088		1.00	<0.005	0.10	9.23	50.3	70	0.71	2.88	0.61	<0.02	2.18	26.9	67	0.83	26.6
C286456		0.98	0.049	1.81	7.17	1.3	880	1.61	19.70	6.03	<0.02	87.80	11.2	59	1.00	5710.0
C286457		1.62	0.005	0.29	2.15	294	100	0.75	2.91	11.95	0.05	26.50	34.0	17	1.16	479.0
C286458		1.10	<0.005	0.29	2.19	66.9	30	0.16	2.75	0.53	<0.02	19.95	5.2	54	0.23	117.5
C286459		1.16	0.010	0.51	2.27	59.5	40	0.27	5.18	0.89	<0.02	25.60	12.8	20	0.40	38.0
C286460		0.50	<0.005	0.02	7.60	37.8	40	1.28	0.16	0.79	<0.02	12.70	10.4	42	0.17	14.6
C286461		1.34	0.006	0.15	6.23	1.7	1680	2.40	0.67	0.23	<0.02	43.60	7.2	40	9.95	3140.0
C286139		1.02	<0.005	0.10	2.36	7.0	580	0.19	0.72	0.62	0.02	20.00	5.0	66	0.82	41.8
C286140		1.10	<0.005	0.35	3.88	10.6	590	0.44	0.06	2.42	0.02	35.40	29.1	37	1.25	582.0
C286141		2.32	<0.005	0.05	3.41	<0.2	650	0.85	0.04	4.26	0.03	32.30	7.4	60	2.26	27.5
C286142		1.60	<0.005	0.11	1.22	42.1	1700	0.53	0.32	0.16	<0.02	11.20	5.4	75	1.16	12.3
C286143		1.14	0.005	4.43	1.45	62.8	290	0.36	0.06	9.79	1.13	14.35	14.3	14	1.14	33.6
C286144		1.36	0.006	2.78	2.30	72.3	230	0.56	0.05	6.50	0.48	10.15	27.1	17	1.94	458.0
C286145		1.04	0.010	15.05	1.30	234.0	70	0.29	0.10	8.82	1.13	16.75	42.6	13	1.27	136.0
C286146		2.16	<0.005	11.85	1.32	115.0	310	0.32	0.30	5.51	0.25	6.76	25.5	8	0.97	542.0
C286147		1.60	0.011	12.45	1.44	170.5	470	0.34	12.75	0.99	0.18	217.00	64.4	30	1.70	297.0
C286148		3.22	0.010	19.70	1.39	303.0	170	0.36	0.21	4.27	2.12	10.20	91.1	10	1.33	921.0
C286158		0.76	<0.005	2.11	3.29	52.4	520	0.96	0.10	5.32	0.07	24.60	18.3	24	2.90	185.5

Comments: Interference: Samples with Molybdenum >500ppm will cause a low bias on Cadmium-MS41<1ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06074438

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C286043		3.71	16.05	0.16	1.8	0.037	1.58	40.2	29.9	0.39	606	0.55	0.81	8.7	13.8	140
C286044		6.57	14.10	0.20	1.3	0.072	1.58	40.8	11.6	0.22	236	0.47	0.36	3.9	45.6	110
C286045		6.38	20.00	0.15	1.2	0.106	0.35	26.6	26.5	3.73	2310	0.35	3.77	7.5	34.1	230
C286046		6.23	20.00	0.20	1.6	0.114	3.38	27.0	11.6	1.14	3100	4.09	1.94	13.8	25.6	1150
C286047		5.30	14.70	0.19	1.0	0.043	1.91	65.8	8.9	1.72	3730	0.95	2.82	4.4	20.2	630
C286048		4.07	17.65	0.22	2.4	0.055	0.27	46.1	1.4	0.60	1170	90.60	5.85	8.1	94.4	260
C286049		1.88	27.50	0.12	2.8	0.056	3.61	36.1	7.9	0.72	867	9.81	1.22	9.2	22.2	490
C286050		3.11	13.40	0.05	1.3	0.031	4.87	4.4	5.9	0.42	193	0.33	0.18	3.3	11.6	470
C286701		1.79	38.50	0.19	4.3	0.062	4.56	86.2	15.7	0.62	343	1.10	1.37	14.6	46.3	500
C286702		1.38	29.80	0.22	3.5	0.038	2.08	138.5	11.8	0.65	907	0.55	4.27	9.0	24.1	550
C286703		3.52	7.50	0.11	1.0	0.029	0.23	7.8	15.4	0.52	321	2.77	2.42	4.2	149.0	220
C286704		7.52	13.90	0.21	1.2	0.063	1.15	41.4	7.8	0.73	3710	1.81	3.95	3.0	38.5	1060
C286705		1.81	13.80	0.20	1.0	0.085	2.82	68.5	20.1	1.26	2760	47.60	2.02	3.3	9.2	750
C286706		8.38	22.90	0.33	0.1	0.426	3.35	20.9	108.5	4.50	1035	315.00	1.19	1.6	75.6	110
C286707		2.61	21.00	0.15	1.6	0.053	1.62	62.6	34.6	1.54	1155	2.28	3.73	4.7	43.3	840
C286708		6.72	19.60	0.17	3.3	0.032	3.17	7.8	37.2	2.63	1130	2.87	3.80	9.1	64.7	640
C286709		12.85	13.10	0.22	1.6	0.042	0.37	5.7	1.6	0.12	177	6.42	6.14	3.1	17.1	60
C286710		1.80	19.00	0.10	1.7	0.044	2.27	27.9	57.0	0.99	1520	1.95	3.07	4.9	28.0	690
C286084		6.53	17.85	0.20	1.9	0.248	2.60	54.9	17.0	2.75	2360	5.83	1.28	7.4	40.6	560
C286085		1.50	5.88	0.09	1.6	0.043	0.36	13.1	2.4	0.32	697	1.58	2.72	3.3	21.2	550
C286086		6.59	17.60	0.19	2.3	0.102	1.93	55.9	22.5	0.87	546	1.90	0.40	3.5	35.7	500
C286087		1.16	19.20	0.10	3.7	0.035	0.71	36.1	9.8	0.48	791	2.11	4.52	10.8	17.8	1340
C286088		3.07	14.45	0.11	3.5	0.039	0.56	1.0	3.4	0.32	455	0.32	6.66	6.4	36.1	540
C286456		1.48	19.25	0.13	1.2	0.126	3.67	48.0	11.8	1.31	824	4.79	2.70	12.0	29.4	970
C286457		7.48	6.69	0.17	0.8	0.070	0.78	12.7	8.9	5.15	5010	4.38	0.06	1.2	40.3	270
C286458		3.29	3.95	0.08	0.8	0.025	0.06	8.7	1.2	0.20	430	2.13	1.59	0.8	25.8	180
C286459		4.57	4.75	0.10	2.8	0.031	0.22	10.5	1.9	0.28	792	52.20	1.41	3.8	9.1	500
C286460		0.72	18.15	0.05	3.2	0.011	0.08	5.9	0.6	0.13	570	1.42	7.04	12.2	6.3	1030
C286461		1.96	19.35	0.11	2.1	0.045	3.05	21.9	12.9	0.39	360	1.26	1.22	5.0	18.6	460
C286139		0.65	3.33	0.09	0.7	0.024	2.88	9.3	5.7	0.35	284	0.61	0.05	1.7	5.3	110
C286140		1.67	8.25	0.12	1.2	0.027	3.75	16.1	19.2	2.15	223	0.32	0.06	2.4	19.6	130
C286141		1.98	7.51	0.10	1.0	0.024	2.69	15.7	45.3	2.91	467	0.55	0.05	3.8	13.6	200
C286142		37.10	3.01	0.54	0.2	0.051	0.20	5.5	18.2	0.45	86	4.78	<0.01	1.4	29.0	440
C286143		3.66	2.93	0.09	0.4	0.019	0.95	6.5	14.6	5.76	817	0.25	0.02	1.6	25.7	120
C286144		3.68	6.18	0.08	0.8	0.014	1.80	5.4	19.6	3.98	389	0.77	0.02	3.3	42.6	170
C286145		11.80	3.04	0.22	0.4	0.016	0.94	6.9	12.3	4.92	609	0.29	0.02	1.8	91.0	110
C286146		4.85	2.67	0.08	0.4	0.038	0.91	2.9	10.4	3.84	843	0.91	0.02	2.0	43.9	120
C286147		11.25	4.27	0.22	0.4	0.020	0.88	136.0	17.2	0.49	176	1.59	0.04	1.7	93.0	190
C286148		14.70	3.43	0.18	0.4	0.013	1.07	4.4	11.8	2.33	276	0.40	0.01	1.9	195.5	90
C286158		3.11	9.09	0.05	1.1	0.016	2.82	13.4	37.3	3.39	244	0.33	0.03	4.6	31.2	240

Comments: Interference: Samples with Molybdenum >500ppm will cause a low bias on Cadmium-MS41<1ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-AUG-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06074438

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
C286043		10.2	103.0	<0.002	0.04	0.96	1	1.9	33.1	0.75	<0.05	16.7	0.149	0.49	1.8	39
C286044		790.0	96.1	<0.002	4.04	2.72	2	2.1	16.9	0.32	0.37	8.6	0.088	0.45	1.2	47
C286045		8.4	5.5	<0.002	0.07	4.54	<1	2.0	65.8	0.75	<0.05	10.7	0.686	0.07	2.7	145
C286046		7.3	174.0	<0.002	0.13	2.47	<1	2.0	32.1	1.10	<0.05	7.1	1.145	0.75	2.2	332
C286047		2.8	94.3	<0.002	0.01	1.01	2	2.1	88.7	0.43	<0.05	12.1	0.182	0.44	2.8	70
C286048		7.3	9.9	<0.002	3.03	0.85	15	0.8	65.9	0.66	0.50	20.0	0.217	0.11	8.6	46
C286049		2.1	165.0	<0.002	0.11	0.74	<1	2.6	31.0	0.77	<0.05	14.7	0.197	0.84	2.4	103
C286050		7.9	200.0	<0.002	0.02	0.82	1	1.8	3.8	0.29	<0.05	8.9	0.269	0.40	137.0	118
C286701		2.0	271.0	<0.002	0.01	1.10	<1	7.8	16.1	1.22	0.08	22.7	0.343	0.90	6.1	119
C286702		7.1	133.5	<0.002	0.01	1.09	2	3.4	25.7	0.70	0.25	22.7	0.218	0.38	59.1	181
C286703		10.4	17.3	<0.002	1.13	1.96	1	0.4	28.3	0.32	0.18	8.5	0.080	0.14	2.0	13
C286704		5.3	78.1	<0.002	3.39	3.40	1	2.2	43.2	0.27	0.24	15.8	0.110	0.53	8.1	73
C286705		3.0	199.0	<0.002	0.40	0.57	6	0.7	144.0	0.29	0.08	11.8	0.082	0.65	12.2	16
C286706		4.4	123.5	<0.002	2.50	1.61	31	1.4	42.1	0.18	0.21	1.0	0.050	1.45	18.4	25
C286707		2.4	124.0	<0.002	0.37	0.65	3	1.8	127.0	0.44	<0.05	15.4	0.231	0.82	2.7	82
C286708		30.9	95.8	<0.002	0.01	1.22	<1	1.9	86.9	0.75	0.26	7.6	0.772	0.48	42.2	248
C286709		5.7	10.4	<0.002	0.42	0.70	<1	1.9	66.4	0.64	<0.05	13.5	0.317	0.07	2.9	166
C286710		3.0	137.5	<0.002	0.42	0.67	2	1.8	131.5	0.47	0.13	13.8	0.147	0.82	3.9	59
C286084		2.4	183.0	<0.002	0.72	1.15	<1	3.3	30.6	0.59	0.14	13.5	0.200	0.34	5.7	64
C286085		5.1	21.3	<0.002	0.48	0.59	2	0.6	38.9	0.30	0.05	13.3	0.091	0.09	3.5	19
C286086		21.3	115.0	<0.002	0.13	9.76	1	1.7	13.4	0.28	0.17	16.6	0.106	0.46	3.1	56
C286087		13.6	51.0	<0.002	0.03	1.59	1	0.7	35.0	0.81	<0.05	28.7	0.251	0.17	176.0	141
C286088		4.0	32.5	<0.002	0.91	0.73	<1	0.7	18.8	0.52	0.05	20.8	0.144	0.15	6.0	19
C286456		4.6	188.0	<0.002	0.01	1.08	<1	1.9	97.9	1.00	0.31	15.4	0.329	0.39	10.7	86
C286457		3.7	41.3	<0.002	0.46	1.83	3	0.5	57.3	0.11	0.08	5.1	0.034	0.13	1.4	21
C286458		11.4	3.7	<0.002	0.19	3.01	4	0.2	7.7	0.06	0.11	2.0	0.019	0.06	1.0	3
C286459		37.9	13.3	<0.002	0.99	1.17	4	0.3	11.1	0.30	0.14	5.8	0.044	1.36	6.5	43
C286460		2.2	2.2	<0.002	0.02	0.41	<1	0.5	48.0	0.97	<0.05	4.5	0.248	0.04	2.7	32
C286461		4.5	198.0	<0.002	0.28	1.53	1	2.6	1215.0	0.42	<0.05	15.2	0.163	1.06	3.4	46
C286139		12.7	66.3	<0.002	0.02	0.59	<1	0.3	35.5	0.14	<0.05	3.5	0.046	0.31	0.6	6
C286140		15.5	92.2	<0.002	0.22	0.35	3	0.5	39.4	0.22	<0.05	6.5	0.070	0.38	1.3	16
C286141		25.6	80.1	<0.002	0.01	0.19	3	1.0	34.1	0.32	<0.05	5.5	0.109	0.33	0.9	25
C286142		137.0	7.1	<0.002	0.27	26.30	1	0.3	31.9	0.07	<0.05	2.1	0.027	0.05	7.4	101
C286143		613.0	30.0	<0.002	2.81	8.53	3	0.4	65.2	0.13	<0.05	2.7	0.046	0.17	0.9	12
C286144		206.0	53.9	<0.002	2.96	6.68	2	0.8	24.2	0.25	<0.05	4.1	0.089	0.31	1.1	21
C286145		2090.0	26.7	<0.002	>10.0	28.40	1	0.4	41.7	0.14	<0.05	2.3	0.052	0.30	0.9	10
C286146		9780.0	25.1	<0.002	4.89	23.50	2	0.4	47.2	0.15	<0.05	2.4	0.051	0.20	0.8	11
C286147		480.0	30.5	<0.002	>10.0	32.10	2	0.6	36.8	0.14	<0.05	2.0	0.048	0.32	0.7	10
C286148		1305.0	28.6	<0.002	>10.0	32.30	2	0.5	24.1	0.14	<0.05	2.1	0.050	0.30	0.7	11
C286158		96.0	79.8	<0.002	1.89	6.31	2	1.0	40.2	0.37	<0.05	5.7	0.125	0.35	1.2	25

Comments: Interference: Samples with Molybdenum >500ppm will cause a low bias on Cadmium-MS41<1ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-AA62
	Analyte	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	%
	LOR	0.1	0.1	2	0.5	0.01
C286043		1.3	8.8	63	50.8	
C286044		0.9	13.2	93	34.9	
C286045		0.4	15.9	243	33.5	
C286046		2.7	12.6	23	37.2	
C286047		2.4	11.2	18	30.6	
C286048		2.9	7.9	20	68.4	
C286049		1.6	11.6	9	77.0	
C286050		1.0	10.5	3	39.8	
C286701		2.8	18.6	7	119.5	
C286702		1.8	20.9	10	105.0	
C286703		0.7	37.4	29	33.4	
C286704		1.2	14.3	17	35.8	
C286705		5.4	18.2	16	30.0	
C286706		1.2	15.3	124	6.1	2.69
C286707		2.1	14.4	53	49.4	
C286708		0.8	37.8	221	93.8	
C286709		0.5	16.0	15	46.3	
C286710		4.3	15.6	24	49.3	
C286084		5.3	14.2	8	51.9	
C286085		0.7	8.5	18	45.4	
C286086		0.9	7.4	39	63.0	
C286087		3.4	19.3	11	103.5	
C286088		0.7	9.2	6	101.5	
C286456		2.4	21.1	13	35.3	
C286457		0.5	14.2	49	23.3	
C286458		0.2	3.1	13	25.4	
C286459		0.4	0.7	6	73.0	
C286460		3.6	6.7	9	88.5	
C286461		1.5	8.3	15	55.4	
C286139		0.3	4.3	5	21.8	
C286140		0.4	7.6	16	35.0	
C286141		0.8	12.6	17	30.7	
C286142		9.2	44.9	38	6.7	
C286143		0.3	5.2	848	14.8	
C286144		0.5	4.6	165	26.5	
C286145		0.2	4.9	713	13.6	
C286146		0.5	4.6	66	13.8	
C286147		0.3	2.4	66	13.0	
C286148		0.3	3.3	1540	13.5	
C286158		0.7	5.1	33	35.1	

Comments: Interference: Samples with Molybdenum >500ppm will cause a low bias on Cadmium-MS41<1ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 23-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06074438

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
C286216		0.58	<0.005	0.21	4.69	16.8	310	1.18	0.19	5.07	0.14	39.10	17.5	53	3.76	55.3

Comments: Interference: Samples with Molybdenum >500ppm will cause a low bias on Cadmium-MS41<1ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-AUG-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06074438

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
C286216		3.71	12.70	0.09	1.7	0.047	1.73	17.8	40.3	3.37	540	0.48	0.29	6.6	35.1	370

Comments: Interference: Samples with Molybdenum >500ppm will cause a low bias on Cadmium-MS41<1ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06074438

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
C286216		21.1	70.6	<0.002	0.12	0.87	2	1.4	57.8	0.51	0.06	5.5	0.452	0.35	1.2	151

Comments: Interference: Samples with Molybdenum >500ppm will cause a low bias on Cadmium-MS41<1ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06074438

Sample Description	Method / Analyte / Units / LOR	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Cu-AA62 Cu % 0.01
C286216		0.7	13.8	64	56.8	

Comments: Interference: Samples with Molybdenum >500ppm will cause a low bias on Cadmium-MS41<1ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 25-AUG-2006
Account: EIA

CERTIFICATE VA06065024

Project: Werneckes

P.O. No.: FRG06-01

This report is for 15 Rock samples submitted to our lab in Vancouver, BC, Canada on 10-JUL-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL	ROBIN BLACK	DAVID C
I DUNLOP	SCOTT HEFFERNAN	RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61U	47 elements four acid ICP-MS (U pkg)

To: **EQUITY ENGINEERING LTD.**
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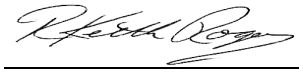
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 25-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065024

Sample Description	Method	WEI-21	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
C286154		0.76	0.77	0.57	895.0	30	0.14	23.40	0.25	<0.02	>500	1520.0	<1	0.26	640.0	21.00
C286156		0.64	0.09	7.75	309.0	130	2.42	0.88	3.72	<0.02	10.70	801.0	137	0.97	28.3	5.98
C286107		0.78	0.03	10.40	10.5	900	4.17	0.40	0.89	0.21	134.00	26.3	62	12.20	14.0	5.06
C286121		0.06	0.33	7.75	8.6	380	11.55	0.64	2.08	0.25	61.20	22.2	72	1.06	60.3	5.03
C286427		1.60	0.03	6.05	13	230	0.91	0.08	14.40	<0.02	33.30	12.5	13	0.77	705.0	1.28
C286434		0.92	0.03	4.77	14	330	0.95	0.13	12.05	0.02	28.80	8.7	26	3.76	10.3	1.17
C286011		1.58	0.02	7.92	4.9	1180	1.30	0.03	2.38	<0.02	41.90	7.6	47	1.42	5.0	4.10
C286012		1.70	0.04	7.15	8.8	1520	0.78	0.28	2.49	<0.02	52.30	15.8	43	1.05	3.7	6.35
C286013		1.46	0.06	8.00	4.2	1080	1.40	0.06	2.45	<0.02	54.80	3.4	65	0.76	2.5	4.98
C286014		1.92	0.02	8.30	4.7	980	0.47	0.03	1.24	<0.02	172.00	9.0	52	0.97	2.0	4.98
C286015		1.82	0.04	7.87	5.6	1370	0.55	0.10	2.03	<0.02	79.50	9.3	41	1.01	2.1	5.80
C286016		1.62	0.02	7.01	3.0	1800	0.27	0.49	3.57	<0.02	74.30	5.3	45	0.32	2.5	5.01
C286017		1.66	0.02	7.69	3.4	1470	1.64	1.27	0.76	<0.02	79.90	29.6	47	1.95	9.1	5.60
C286024		2.02	0.05	8.72	3.7	420	2.70	0.61	0.06	0.03	90.50	7.0	66	7.25	16.4	5.09
C286008		1.76	0.07	7.07	4.4	940	1.35	0.25	2.63	<0.02	98.20	7.2	46	1.22	14.7	6.55

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Finalized Date: 25-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065024

Sample Description	Method / Analyte / Units / LOR	ME-MS61U Ga ppm 0.05	ME-MS61U Ge ppm 0.05	ME-MS61U Hf ppm 0.1	ME-MS61U In ppm 0.005	ME-MS61U K % 0.01	ME-MS61U La ppm 0.5	ME-MS61U Li ppm 0.2	ME-MS61U Mg % 0.01	ME-MS61U Mn ppm 5	ME-MS61U Mo ppm 0.05	ME-MS61U Na % 0.01	ME-MS61U Nb ppm 0.1	ME-MS61U Ni ppm 0.2	ME-MS61U P ppm 10	ME-MS61U Pb ppm 0.5
C286154		11.10	1.22	0.1	0.969	0.27	>500	1.8	0.25	4710	35.60	0.02	13.6	262.0	2580	7.5
C286156		26.60	0.13	2.2	0.035	1.30	6.5	8.5	1.45	1740	3.71	4.25	8.7	51.8	960	2.5
C286107		26.80	0.19	0.6	0.088	2.44	65.4	95.1	1.18	1625	0.70	0.46	6.3	42.9	670	33.9
C286121		19.00	0.16	4.0	0.325	0.99	31.1	11.4	1.27	583	35.80	3.66	9.3	157.0	580	91.7
C286427		10.25	0.10	0.8	0.032	0.58	17.2	3.8	0.40	4030	288.00	3.69	2.5	8.3	1810	29.3
C286434		12.80	0.10	0.7	0.015	0.88	13.8	17.8	0.46	1905	172.50	0.05	3.9	19.5	1100	9.8
C286011		19.75	0.15	1.4	0.050	5.45	21.4	20.0	1.94	611	1.64	1.15	8.6	23.6	730	2.2
C286012		16.90	0.17	1.3	0.075	6.51	28.4	18.8	2.27	1110	1.59	0.06	6.3	25.5	730	2.7
C286013		17.70	0.18	2.0	0.031	8.01	27.9	12.4	1.58	787	0.69	0.06	10.4	6.4	680	2.2
C286014		21.30	0.29	1.6	0.018	7.56	92.6	19.8	1.80	554	0.44	0.07	8.4	33.6	820	2.7
C286015		21.10	0.21	1.7	0.040	7.30	41.6	20.0	2.00	833	0.42	0.70	6.6	23.0	840	2.2
C286016		14.05	0.19	1.3	0.042	6.87	40.4	9.4	2.18	1325	0.30	0.07	2.7	12.4	720	1.9
C286017		27.50	0.19	2.2	0.082	4.74	42.8	48.2	3.02	343	0.32	0.06	7.9	45.4	720	1.5
C286024		22.10	0.18	2.9	0.152	3.77	45.0	16.0	0.56	1530	0.59	0.07	13.4	16.9	240	14.7
C286008		21.30	0.22	1.7	0.030	5.07	54.3	22.3	1.79	724	1.04	0.49	4.3	25.4	1270	2.5

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Finalized Date: 25-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065024

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
C286154		15.1	0.011	>10.0	1.91	12	3.2	6.9	0.06	1.39	11.3	0.012	0.02	8.2	20	2.5
C286156		74.7	0.003	4.44	0.83	3	4.1	45.7	0.61	0.27	16.4	0.173	0.10	2.2	216	11.1
C286107		190.0	0.003	0.09	0.69	1	3.0	167.0	0.50	<0.05	21.9	0.165	1.37	6.7	76	1.4
C286121		44.1	0.028	0.29	0.35	2	7.8	177.0	1.12	0.08	13.8	0.332	0.21	215.0	201	8.3
C286427		35.6	0.044	0.16	0.31	5	0.6	166.0	0.19	0.08	15.6	0.065	0.09	105.0	23	2.0
C286434		76.8	0.010	0.03	0.65	1	1.0	143.0	0.30	0.05	7.6	0.131	0.29	10.1	67	1.6
C286011		105.5	0.004	<0.01	1.32	<1	2.6	25.2	0.70	<0.05	14.2	0.225	0.25	2.5	60	3.0
C286012		88.4	0.003	<0.01	0.62	<1	3.2	19.3	0.51	0.09	15.0	0.219	0.21	2.9	64	1.6
C286013		104.0	0.003	<0.01	1.26	<1	2.7	18.2	0.85	<0.05	15.5	0.263	0.24	3.5	70	2.8
C286014		118.5	0.003	<0.01	1.11	<1	3.4	12.7	0.75	<0.05	19.1	0.248	0.23	2.4	78	2.4
C286015		95.2	0.003	<0.01	0.65	<1	2.6	21.5	0.54	0.05	15.9	0.203	0.23	4.4	66	4.5
C286016		78.0	0.003	<0.01	0.78	<1	2.0	23.3	0.23	0.05	14.3	0.163	0.18	2.5	60	2.5
C286017		111.0	<0.002	<0.01	0.46	<1	3.3	10.5	0.73	0.20	14.1	0.235	0.28	2.8	74	3.0
C286024		211.0	<0.002	0.01	3.93	<1	3.6	14.2	1.05	<0.05	20.5	0.255	0.77	2.9	72	3.1
C286008		114.5	<0.002	<0.01	1.09	<1	3.6	16.8	0.37	0.11	15.4	0.167	0.23	3.9	91	4.7

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Finalized Date: 25-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065024

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Y	Zn	Zr
	Units	ppm	ppm	ppm
	LOR	0.1	2	0.5
C286154		14.4	2	3.6
C286156		10.0	3	67.2
C286107		20.1	224	17.0
C286121		17.6	129	122.5
C286427		18.8	5	26.5
C286434		24.3	39	21.0
C286011		9.0	6	43.6
C286012		8.3	12	44.2
C286013		10.7	3	64.7
C286014		9.1	13	49.3
C286015		7.0	11	52.2
C286016		8.2	6	39.9
C286017		4.4	23	63.3
C286024		9.3	30	76.6
C286008		7.3	12	46.0

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Finalized Date: 24-AUG-2006
Account: EIA

CERTIFICATE VA06065007

Project: Werneckes

P.O. No.: FRG06-01

This report is for 149 Rock samples submitted to our lab in Vancouver, BC, Canada on 10-JUL-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL	ROBIN BLACK	DAVID C
I DUNLOP	SCOTT HEFFERNAN	RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA62	Ore grade Cu - four acid / AAS	AAS
Zn-AA62	Ore grade Zn - four acid / AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	47 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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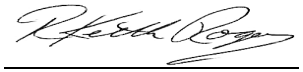
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

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Finalized Date: 24-AUG-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065007

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
C286001		0.76	0.006		0.68	7.25	150.5	330	2.05	21.10	8.24	0.03	59.20	16.6	36	1.94
C286002		0.82	<0.005		0.16	7.15	4.0	410	1.86	0.96	2.29	0.20	69.40	15.2	46	2.10
C286003		0.96	0.005		0.04	5.08	6.4	440	1.26	0.17	9.28	<0.02	61.70	13.9	21	3.99
C286004		1.72	<0.005		0.37	7.87	6.9	620	1.92	0.46	0.56	0.05	217.00	91.7	51	6.42
C286005		1.22	0.020		0.06	7.87	3.4	190	2.56	0.59	5.34	<0.02	100.50	17.7	45	2.03
C286006		0.90	0.005		0.19	2.43	102	60	0.40	0.78	23.50	3.37	163.00	13.2	8	0.76
C286007		1.06	0.009		0.65	3.66	45.9	240	1.08	2.87	9.82	21.00	48.90	28.7	20	3.14
C286009		1.96	<0.005		0.03	7.28	3.2	1020	0.77	0.07	3.66	0.20	79.80	4.9	51	0.97
C286010		1.92	0.019		0.09	7.32	3.3	650	1.74	0.15	3.93	<0.02	31.60	61.9	35	4.56
C286018		0.84	<0.005		<0.01	9.66	67.0	40	3.00	0.52	0.03	<0.02	80.70	22.2	12	0.53
C286019		0.82	<0.005		0.06	3.35	5.6	200	0.72	0.30	4.12	0.03	42.80	15.7	31	2.45
C286020		0.72	0.021		2.17	0.16	17.6	10	<0.05	0.93	2.58	0.02	2.51	36.0	<1	0.23
C286021		0.82	<0.005		0.03	7.44	3.1	170	2.19	0.05	4.65	<0.02	70.40	12.5	40	0.92
C286022		1.02	<0.005		0.03	6.24	1.8	560	1.72	0.03	9.80	<0.02	76.80	3.5	29	0.42
C286023		0.68	<0.005		6.59	0.21	2.2	20	0.06	0.41	3.25	0.60	2.07	8.0	13	1.13
C286025		0.56	<0.005		0.28	6.41	44.2	230	1.62	11.95	2.81	<0.02	198.00	78.4	49	4.86
C286051		0.84	<0.005		0.02	7.49	4.6	420	1.94	0.37	0.20	0.02	60.00	20.3	57	6.39
C286052		1.30	<0.005		0.05	6.08	4.8	30	0.53	2.02	6.55	0.03	30.70	28.1	212	0.56
C286053		0.96	0.016		0.45	0.74	118.0	40	0.13	5.44	0.43	0.30	3.55	111.5	75	0.68
C286054		1.22	0.061		0.23	7.64	25.2	110	0.54	1.28	2.89	<0.02	90.25	372.0	75	0.41
C286055		0.94	0.011		0.47	7.31	4.5	70	0.46	2.77	1.21	0.02	>500	20.7	42	0.97
C286056		1.18	0.349		3.41	6.85	3.8	50	0.45	3.15	1.39	0.05	65.40	89.5	11	0.53
C286057		0.32	<0.005		<0.01	8.65	1.5	430	2.66	0.34	0.03	<0.02	143.00	7.1	34	3.75
C286058		0.34	<0.005		0.08	5.61	15.5	290	1.74	0.77	0.03	<0.02	77.10	12.2	29	2.76
C286059		0.86	<0.005		<0.01	10.15	4.5	1090	3.60	0.17	0.06	<0.02	128.00	8.7	71	6.81
C286060		1.14	<0.005		0.04	8.85	2.0	710	3.47	0.55	0.62	0.26	95.00	7.4	51	9.23
C286061		1.02	<0.005		0.19	8.44	6.1	700	3.04	1.48	0.31	0.20	62.10	4.1	59	10.25
C286062		0.94	<0.005		0.60	1.68	38.1	170	0.62	15.45	0.05	0.18	17.60	4.1	21	2.99
C286063		1.32	<0.005		0.30	6.78	18.5	410	1.88	3.54	0.26	2.78	74.40	12.0	42	5.60
C286064		0.92	0.016		0.59	7.13	65.6	440	2.65	0.85	0.37	<0.02	47.80	39.6	64	2.23
C286065		1.18	0.035		0.06	2.05	5.7	160	0.57	1.14	0.53	<0.02	16.20	13.9	24	1.50
C286066		1.00	<0.005		<0.01	10.30	1.2	1170	3.80	0.06	0.36	<0.02	85.80	16.5	84	9.41
C286067		1.26	0.035		0.14	5.98	3.1	400	1.60	1.92	0.16	<0.02	126.50	28.6	44	3.23
C286068		0.76	0.066		0.12	6.46	8.0	320	1.09	0.55	0.33	<0.02	87.70	55.3	60	2.37
C286069		0.86	<0.005		0.04	3.80	1.4	200	0.81	0.42	0.40	0.02	81.30	10.4	24	2.47
C286070		0.80	<0.005		1.20	2.39	31.2	90	0.34	1.04	4.91	0.24	11.60	40.9	44	1.73
C286071		0.98	<0.005		0.22	0.31	5.8	30	0.07	0.03	0.07	0.05	5.19	3.8	17	0.66
C286101		1.12	<0.005		0.04	6.68	2.5	480	1.70	0.07	3.60	<0.02	54.10	8.2	41	1.48
C286102		1.28	0.036		0.12	8.78	5.7	3010	5.16	0.43	0.12	<0.02	96.60	6.5	58	2.86
C286103		1.04	0.011		0.09	5.52	37.5	200	0.34	1.55	7.05	<0.02	174.50	83.3	28	0.31

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 24-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065007

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
C286001		534.0	3.36	15.10	0.15	1.2	0.098	1.55	29.6	46.4	0.99	1365	0.83	2.54	9.8	28.9
C286002		56.7	3.71	18.05	0.14	1.7	0.036	2.00	34.9	35.9	1.04	613	2.20	2.34	11.9	49.6
C286003		651.0	3.57	12.50	0.15	0.9	0.038	1.28	30.8	5.4	3.09	9780	0.68	1.23	4.8	8.8
C286004		>10000	4.47	22.70	0.31	2.3	0.198	1.85	108.0	53.7	0.98	2430	0.90	1.45	8.4	67.8
C286005		2040.0	7.03	19.90	0.22	1.7	0.067	0.70	51.6	66.4	1.93	1800	0.59	2.99	12.8	61.1
C286006		99.8	2.45	5.18	0.23	1.0	2.690	0.21	84.7	21.5	0.53	7330	5.49	0.99	2.5	26.6
C286007		59.4	4.65	9.08	0.15	1.1	0.642	0.85	23.6	40.5	4.65	6170	10.05	0.63	3.3	27.4
C286009		7.3	3.78	20.50	0.20	1.2	0.028	5.94	40.6	13.8	1.92	1125	0.39	1.37	6.2	22.5
C286010		468.0	8.07	25.30	0.22	2.4	0.117	5.91	13.6	35.7	4.48	1190	7.48	0.07	4.7	46.4
C286018		27.9	1.32	13.35	0.11	2.6	0.027	0.23	40.1	53.7	0.04	341	2.13	0.03	7.4	14.5
C286019		29.3	4.53	7.82	0.15	0.8	0.260	1.38	20.7	14.0	1.81	2580	0.55	0.28	2.8	31.2
C286020		7900.0	31.20	1.15	0.35	<0.1	2.840	0.01	1.0	2.0	5.80	22700	0.19	0.02	0.2	42.6
C286021		30.7	2.88	25.50	0.18	1.0	0.028	1.64	33.3	17.5	2.05	768	0.37	4.45	14.5	36.2
C286022		75.6	2.04	16.80	0.16	0.4	0.031	2.36	37.4	5.5	0.62	901	0.36	3.14	7.7	16.0
C286023		9610.0	3.42	0.74	0.08	0.1	0.764	0.06	0.9	2.4	0.85	2520	0.33	0.08	0.4	22.9
C286025		347.0	8.54	19.60	0.36	1.5	0.118	2.07	99.8	17.2	1.41	3510	0.64	0.05	8.0	107.5
C286051		308.0	4.61	24.10	0.17	1.3	0.028	1.67	30.8	68.6	1.06	264	0.54	0.83	10.6	46.6
C286052		532.0	5.13	27.10	0.14	0.4	0.458	0.03	15.9	23.8	1.74	1135	0.96	0.09	4.0	122.0
C286053		492.0	3.16	2.42	0.11	0.1	0.066	0.09	1.8	7.4	0.24	398	0.94	0.12	0.7	192.0
C286054		1815.0	2.94	24.10	0.19	4.7	0.044	0.12	44.6	2.3	0.69	3010	65.10	6.35	6.6	26.6
C286055		>10000	2.55	38.20	4.79	1.9	0.279	0.21	>500	16.3	0.51	1490	8.46	5.43	7.9	17.6
C286056		>10000	6.43	19.45	0.53	1.3	1.475	0.11	31.3	1.8	0.10	1160	12.60	5.27	2.2	54.4
C286057		162.0	2.02	25.10	0.20	6.0	0.038	3.23	67.9	19.4	0.87	115	0.35	0.18	15.5	12.9
C286058		339.0	2.09	14.45	0.14	2.6	0.034	1.93	37.2	9.9	0.52	117	2.89	0.12	6.7	15.8
C286059		39.2	2.33	30.30	0.21	2.6	0.073	4.36	64.2	12.7	0.61	130	0.38	0.47	16.8	21.4
C286060		31.5	3.88	28.20	0.20	1.0	0.064	2.00	49.6	65.6	0.77	1210	0.19	0.58	9.8	23.5
C286061		60.6	4.42	25.90	0.16	0.9	0.084	1.95	41.4	42.2	0.67	1025	6.58	0.48	8.3	7.7
C286062		88.2	2.84	6.39	0.13	0.2	0.020	0.47	29.5	5.0	0.04	112	3.54	0.10	1.6	3.5
C286063		143.5	5.29	19.90	0.18	0.8	0.214	1.21	36.7	39.7	0.94	1480	14.85	0.31	7.1	20.2
C286064		4780.0	7.79	18.95	0.16	1.3	0.146	0.79	24.6	64.3	1.42	698	3.58	1.11	7.8	47.1
C286065		2890.0	2.57	6.09	0.08	0.2	0.038	0.32	9.4	20.1	0.45	331	1.77	0.13	1.5	21.2
C286066		124.5	4.18	30.20	0.18	1.1	0.054	2.48	42.4	59.1	0.90	405	0.33	0.72	8.0	33.6
C286067		2630.0	6.65	18.80	0.25	0.7	0.046	0.99	64.2	61.1	1.39	545	10.85	0.29	4.1	51.7
C286068		4840.0	10.45	20.20	0.25	0.6	0.068	0.69	45.8	94.0	1.92	863	1.74	0.15	2.9	85.7
C286069		65.8	5.40	9.65	0.15	0.6	0.026	1.03	40.8	10.5	0.60	1465	0.53	0.04	2.5	27.9
C286070		1095.0	5.12	8.72	0.13	0.1	0.162	0.68	4.6	4.3	1.81	2810	0.86	0.19	1.5	44.5
C286071		9.5	1.19	0.86	0.05	0.2	0.014	0.07	2.2	2.7	0.06	864	0.30	0.03	0.2	3.5
C286101		8.8	4.50	12.70	0.21	1.6	0.037	4.38	29.8	25.0	2.63	1135	0.89	0.70	6.1	29.0
C286102		1405.0	0.95	24.90	0.16	3.4	0.077	4.20	60.1	19.6	0.64	44	5.61	0.06	9.1	9.0
C286103		25.5	9.43	13.30	0.35	1.8	0.310	2.60	107.0	9.4	3.55	4540	9.96	2.23	3.8	25.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA06065007

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C286001		800	4.7	97.3	<0.002	0.23	1.28	2	1.6	86.6	0.83	0.05	12.8	0.278	0.48	3.9
C286002		770	9.6	106.5	<0.002	0.58	1.74	2	2.1	58.1	0.92	0.06	14.2	0.320	0.63	6.2
C286003		3800	5.7	82.2	<0.002	0.06	0.43	2	1.4	99.6	0.34	0.06	8.1	0.093	0.77	3.9
C286004		630	9.9	127.0	<0.002	0.70	0.77	3	2.7	86.7	0.65	0.16	16.4	0.155	1.21	4.3
C286005		700	4.8	59.8	<0.002	0.21	1.78	3	2.7	363.0	0.88	0.26	15.2	0.249	0.48	4.4
C286006		2330	110.5	15.0	<0.002	0.69	0.76	3	0.4	416.0	0.21	0.13	8.1	0.058	0.25	10.2
C286007		2990	217.0	60.7	<0.002	1.14	1.32	4	1.0	151.5	0.26	0.14	7.0	0.077	1.06	17.7
C286009		680	4.9	124.8	<0.002	0.01	1.60	2	2.3	29.0	0.50	<0.05	17.4	0.186	0.27	4.5
C286010		810	2.5	210.0	0.002	0.04	1.04	3	2.8	16.1	0.42	0.19	9.1	0.478	0.33	2.5
C286018		210	4.1	12.2	<0.002	0.01	1.30	2	0.4	7.9	0.53	0.07	11.2	0.137	0.03	2.9
C286019		170	6.2	60.8	<0.002	0.03	1.37	2	0.7	40.6	0.19	<0.05	5.4	0.092	0.21	0.7
C286020		10	5.3	0.4	<0.002	1.15	0.95	3	0.2	111.5	<0.05	<0.05	0.6	<0.005	<0.02	0.4
C286021		890	4.6	60.4	<0.002	<0.01	0.67	2	2.7	26.8	1.06	<0.05	15.1	0.363	0.11	1.9
C286022		710	1.6	111.0	<0.002	0.01	0.46	2	1.9	55.4	0.59	<0.05	14.1	0.179	0.06	2.4
C286023		10	15.3	4.0	<0.002	0.99	4.13	5	0.3	54.9	<0.05	<0.05	0.4	0.006	0.03	0.3
C286025		310	5.6	130.0	<0.002	1.10	13.65	3	1.7	31.9	0.58	0.10	14.8	0.198	0.49	2.0
C286051		480	16.9	131.5	<0.002	0.04	0.94	2	2.1	61.8	0.86	0.14	17.1	0.191	0.82	6.8
C286052		840	9.7	2.7	<0.002	0.09	3.19	2	2.5	489.0	0.26	0.05	1.2	0.374	<0.02	1.9
C286053		350	75.5	7.3	<0.002	1.93	28.40	8	0.4	26.8	<0.05	0.30	2.5	0.014	0.07	2.5
C286054		850	4.9	4.1	0.007	1.57	1.21	4	0.5	55.5	0.48	0.32	14.3	0.124	0.07	15.0
C286055		1740	16.8	16.2	0.005	1.05	3.03	9	0.7	39.2	0.59	0.07	15.1	0.157	0.16	7.9
C286056		3910	9.1	9.2	<0.002	4.56	3.03	20	11.4	42.4	0.15	0.30	3.5	0.030	0.07	3.5
C286057		170	3.7	179.0	<0.002	0.02	0.44	2	3.9	19.5	1.29	<0.05	28.8	0.236	0.95	5.6
C286058		150	3.8	107.5	<0.002	0.29	0.93	2	1.9	14.1	0.57	<0.05	13.1	0.158	0.55	5.9
C286059		220	4.4	221.0	<0.002	0.01	0.98	2	4.0	26.8	1.32	<0.05	21.4	0.437	1.05	4.2
C286060		420	27.8	159.0	<0.002	0.04	1.32	2	3.5	163.0	0.87	<0.05	20.0	0.276	1.12	5.8
C286061		400	28.3	169.5	<0.002	0.04	3.86	4	3.3	140.0	0.70	0.28	16.5	0.221	1.17	14.1
C286062		200	38.4	38.4	<0.002	0.07	1.12	9	1.1	30.9	0.11	3.20	3.5	0.038	0.26	3.1
C286063		350	17.8	101.0	<0.002	0.03	3.91	3	2.1	91.2	0.58	0.13	17.4	0.174	0.72	12.4
C286064		360	7.8	67.5	<0.002	0.44	0.94	4	1.2	95.8	0.59	0.40	14.3	0.154	0.29	5.0
C286065		150	3.3	25.3	<0.002	0.24	0.57	4	0.5	33.6	0.10	0.64	3.8	0.045	0.12	2.9
C286066		460	5.6	193.0	<0.002	0.01	0.61	2	2.9	189.5	0.65	<0.05	17.1	0.198	0.95	2.4
C286067		350	3.6	77.0	<0.002	0.11	0.43	5	1.4	60.9	0.32	1.33	12.1	0.089	0.36	8.9
C286068		320	1.9	51.3	<0.002	0.61	0.30	7	1.0	45.0	0.23	0.25	9.6	0.058	0.24	3.2
C286069		290	7.2	72.4	<0.002	0.02	0.90	1	1.0	12.7	0.14	<0.05	4.7	0.043	0.42	2.3
C286070		270	16.6	45.7	<0.002	0.29	0.75	3	0.9	61.4	0.07	0.27	0.3	0.178	0.27	0.7
C286071		10	10.0	4.9	<0.002	<0.01	0.53	<1	0.2	9.0	<0.05	<0.05	0.5	0.007	0.04	0.3
C286101		610	2.3	188.0	<0.002	<0.01	1.29	<1	2.3	15.7	0.59	<0.05	13.0	0.169	0.26	3.8
C286102		600	2.3	229.0	<0.002	0.05	1.79	<1	2.7	12.4	0.80	0.07	13.0	0.332	0.54	6.3
C286103		640	5.3	60.7	<0.002	2.71	0.81	1	5.1	38.2	0.31	0.21	10.5	0.127	0.12	7.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 24-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065007

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-AA62	Zn-AA62
	Analyte	V	W	Y	Zn	Zr	Cu	Zn
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.01	0.01
C286001		45	2.1	25.9	29	36.5		
C286002		67	1.5	21.1	178	50.3		
C286003		30	1.4	12.8	8	27.9		
C286004		58	2.8	9.9	28	68.6	1.37	
C286005		56	0.5	31.5	245	53.0		
C286006		14	0.6	30.9	6070	29.0		
C286007		31	0.8	27.6	>10000	30.9		1.45
C286009		65	2.6	9.0	222	38.1		
C286010		322	4.7	10.3	76	74.9		
C286018		7	1.4	4.8	18	74.3		
C286019		31	0.3	10.5	44	28.4		
C286020		1	<0.1	13.9	26	1.4		
C286021		70	0.9	23.7	15	28.7		
C286022		41	0.6	22.7	6	12.0		
C286023		4	0.1	4.4	262	3.2		
C286025		55	1.0	11.4	26	47.7		
C286051		60	1.9	9.1	17	42.8		
C286052		221	0.5	28.7	46	6.5		
C286053		8	0.3	3.1	111	4.7		
C286054		20	1.6	11.2	19	153.5		
C286055		10	2.0	64.8	21	55.0	1.43	
C286056		5	0.8	8.2	35	46.3	5.38	
C286057		44	2.2	24.4	16	159.5		
C286058		35	1.1	12.1	16	73.8		
C286059		95	2.3	21.0	32	78.3		
C286060		68	2.2	15.9	96	27.7		
C286061		60	1.7	15.2	95	25.6		
C286062		16	0.6	7.7	56	6.8		
C286063		52	1.4	14.6	254	22.5		
C286064		60	1.0	21.9	42	36.8		
C286065		18	0.6	8.8	21	7.8		
C286066		97	1.5	17.9	22	32.9		
C286067		53	0.7	13.4	24	21.4		
C286068		69	0.7	16.3	36	18.4		
C286069		24	0.8	5.1	39	20.9		
C286070		147	0.4	6.4	68	2.5		
C286071		3	0.2	3.1	12	4.8		
C286101		42	3.7	10.6	8	47.7		
C286102		85	12.5	12.9	5	101.0		
C286103		55	13.2	17.6	50	50.7		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA06065007

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
C286104		1.18	<0.005		<0.01	9.66	2.7	390	2.43	0.27	0.04	<0.02	152.00	4.6	50	2.88
C286105		1.04	<0.005		<0.01	10.10	0.9	770	3.80	0.26	0.49	0.12	97.40	17.8	71	8.40
C286106		1.36	<0.005		<0.01	10.80	1.0	960	4.19	0.16	0.71	0.12	111.50	15.3	68	11.55
C286107		Not Recvd														
C286108		1.24	<0.005		<0.01	11.00	2.5	820	3.72	0.43	0.59	0.09	120.00	13.9	62	12.10
C286109		0.86	<0.005		<0.01	9.55	7.5	640	2.88	0.09	0.09	0.02	55.10	4.6	61	11.00
C286110		1.46	<0.005		0.02	1.61	<5	450	0.46	0.01	21.40	0.06	11.15	2.5	21	0.98
C286111		1.66	<0.005		0.15	1.63	1.8	1300	0.56	0.08	0.08	<0.02	14.50	0.8	26	1.35
C286112		2.56	0.006		0.09	4.58	46.0	1170	0.62	2.04	0.19	<0.02	74.40	194.0	33	1.30
C286113		2.58	<0.005		0.08	5.50	28.2	480	0.65	1.74	0.28	<0.02	84.30	323.0	48	1.51
C286114		2.42	0.017		5.85	4.27	5.8	30	0.62	13.00	0.02	<0.02	63.10	46.6	22	1.40
C286115		1.70	0.052		0.67	4.17	1.6	330	1.23	2.64	0.10	<0.02	5.20	23.5	57	4.79
C286116		1.06	0.368		1.00	7.57	30.9	860	2.14	3.48	0.53	<0.02	122.50	165.5	53	2.98
C286117		1.54	0.318		0.42	1.25	9	100	1.18	0.62	30.00	0.12	5.28	137.5	13	3.00
C286118		1.02	<0.005		0.05	4.75	15.4	230	1.01	0.77	0.08	0.03	55.80	11.4	24	2.28
C286119		1.14	<0.005		<0.01	7.77	1.8	230	1.88	0.36	0.56	<0.02	112.50	10.1	28	3.05
C286120		0.06	0.940		41.00	4.89	1040.0	530	0.64	33.20	7.06	0.02	25.80	43.7	283	1.23
C286151		0.48	<0.005		<0.01	11.30	0.7	900	4.65	0.09	0.21	<0.02	190.00	3.6	63	17.15
C286152		0.76	0.015		0.14	1.77	20.9	200	0.50	0.97	9.04	<0.02	171.00	67.5	9	0.45
C286153		0.58	0.005		1.14	4.76	75	250	0.67	0.22	13.00	5.27	17.70	67.0	24	1.01
C286155		0.46	<0.005		<0.01	8.02	9.9	970	3.08	0.04	2.01	0.11	141.00	21.5	56	4.75
C286157		0.40	<0.005		0.03	6.48	2.1	50	0.32	0.03	6.20	0.07	75.60	7.7	37	0.27
C286201		0.24	<0.005		0.03	5.51	2.7	70	0.33	0.02	3.04	<0.02	41.50	15.7	51	0.22
C286202		0.80	<0.005		<0.01	9.77	8.9	1030	3.40	0.25	0.14	<0.02	69.70	71.2	93	3.64
C286203		0.94	<0.005		<0.01	10.60	0.2	1030	3.99	0.01	0.19	<0.02	81.90	10.2	85	4.03
C286204		0.40	<0.005		<0.01	10.65	0.7	1230	3.79	<0.01	0.20	<0.02	41.30	7.8	73	2.91
C286205		0.30	<0.005		<0.01	6.14	1.1	860	1.46	0.05	0.06	<0.02	45.10	6.4	75	2.63
C286206		0.40	<0.005		<0.01	6.15	0.6	60	0.26	0.01	0.38	<0.02	23.00	41.6	32	0.32
C286207		0.22	<0.005		<0.01	7.78	0.9	160	0.57	0.01	2.53	<0.02	99.00	9.1	61	0.49
C286208		0.30	0.006		<0.01	10.65	2.3	770	4.00	0.01	0.13	<0.02	17.50	21.1	83	8.82
C286209		0.54	<0.005		<0.01	10.45	1.6	790	4.34	0.01	0.20	<0.02	105.00	17.0	82	8.34
C286210		0.28	<0.005		0.04	0.31	2.4	40	0.07	0.10	0.29	0.03	30.20	1.7	11	0.70
C286211		0.30	0.007		<0.01	12.10	0.8	1100	5.55	0.09	0.21	<0.02	88.90	24.6	80	7.39
C286212		0.34	<0.005		0.03	10.40	1.8	910	3.18	0.04	0.14	<0.02	66.60	16.0	78	6.90
C286213		Not Recvd														
C286214		1.14	0.106		<0.01	11.20	1.2	1090	4.70	0.14	0.43	0.07	57.60	6.2	56	15.35
C286251		1.40	0.012		0.02	9.57	1.8	920	3.63	0.07	1.78	0.02	312.00	19.0	44	8.77
C286252		1.76	0.042		0.67	0.42	69.4	2320	0.15	8.22	1.03	0.06	2.71	76.3	31	0.36
C286301		0.38	<0.005		<0.01	8.35	1.1	1170	0.85	0.10	0.13	<0.02	18.65	20.8	70	5.18
C286302		0.52	<0.005		<0.01	10.35	7.8	1680	3.91	0.18	0.28	<0.02	60.60	20.1	79	7.95

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA06065007

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
C286104		36.3	2.39	23.60	0.27	4.5	0.061	3.83	69.8	15.9	0.73	91	0.82	0.12	7.8	11.2
C286105		9.4	4.54	26.20	0.21	0.9	0.074	2.06	43.9	53.3	0.93	1840	0.17	0.55	2.0	39.6
C286106		8.6	4.56	28.70	0.26	1.1	0.083	2.32	61.2	61.7	0.84	1835	0.09	0.50	2.0	42.8
C286107																
C286108		11.2	4.50	28.60	0.24	0.9	0.083	2.51	54.2	78.3	0.93	1340	0.34	0.67	7.4	35.0
C286109		14.8	3.53	24.60	0.17	2.9	0.069	2.59	29.7	48.1	0.96	231	1.03	0.69	6.9	18.4
C286110		6.9	2.58	5.10	0.13	0.3	0.013	1.13	5.3	4.8	0.25	3030	0.44	0.22	0.4	2.9
C286111		20.1	5.57	3.59	0.11	0.5	0.013	0.73	7.5	3.4	0.09	81	3.99	0.04	0.6	5.3
C286112		17.5	11.90	11.85	0.25	1.7	0.081	1.19	43.2	39.3	2.64	1220	3.95	0.03	3.3	33.9
C286113		33.6	11.50	14.65	0.25	1.8	0.121	1.51	46.8	41.2	2.85	1875	3.19	0.04	4.3	95.0
C286114		>10000	12.50	11.05	0.28	1.9	0.608	1.60	24.1	21.5	0.70	227	0.90	0.02	2.3	45.2
C286115		>10000	13.50	11.70	0.16	0.5	0.300	2.38	2.8	46.7	0.80	337	1.95	0.07	3.0	32.1
C286116		5870.0	8.12	20.10	0.35	1.1	0.141	4.73	66.5	40.4	0.49	312	24.60	0.07	8.9	20.5
C286117		>10000	4.96	2.57	0.12	0.2	0.352	0.89	3.1	18.2	0.76	3990	0.86	0.01	1.8	3.8
C286118		122.5	3.39	10.20	0.15	1.3	0.029	1.17	25.5	11.1	0.45	215	0.45	0.92	5.3	16.1
C286119		471.0	3.83	18.00	0.23	3.7	0.051	2.83	51.7	19.0	1.29	341	0.43	0.11	8.2	10.9
C286120		4710.0	4.59	13.75	0.14	0.8	0.223	1.56	18.6	14.0	0.89	1860	736.00	0.73	1.4	19.4
C286151		8.6	4.55	29.10	0.19	5.3	0.077	2.80	90.6	61.5	0.22	366	0.63	1.22	7.2	12.1
C286152		24.5	34.90	9.25	0.58	0.5	0.173	1.15	100.5	4.2	1.82	20200	40.20	0.04	16.2	83.5
C286153		93.7	7.86	10.15	0.15	0.7	0.249	2.30	10.0	11.6	4.66	12400	2.52	0.05	0.9	63.9
C286155		24.8	4.95	26.90	0.29	2.8	0.104	5.13	77.9	34.6	2.45	1345	1.00	0.72	5.6	24.9
C286157		8.5	8.34	12.65	0.20	1.8	0.049	0.17	44.7	3.1	2.48	4150	1.61	4.84	3.2	20.5
C286201		15.8	5.94	10.35	0.18	0.3	0.042	0.04	21.3	53.3	2.91	3050	0.53	1.93	1.7	49.9
C286202		8.5	3.38	26.20	0.18	2.1	0.064	3.72	36.5	29.9	0.98	229	0.89	0.62	4.7	31.7
C286203		5.2	1.92	30.80	0.19	2.8	0.047	3.72	37.7	22.2	0.85	167	0.21	2.12	8.1	36.7
C286204		19.4	2.33	29.60	0.14	2.5	0.045	3.80	20.9	21.6	0.87	195	0.22	1.36	5.1	36.2
C286205		8.6	1.48	16.55	0.14	1.9	0.041	2.35	23.7	16.4	0.36	147	0.51	0.16	6.6	10.8
C286206		4.7	10.80	11.65	0.18	0.4	0.018	0.23	12.1	126.5	2.28	1510	0.89	0.15	1.4	45.9
C286207		5.3	4.94	14.60	0.27	0.9	0.044	0.72	51.5	11.0	1.22	2410	0.39	4.98	3.3	7.2
C286208		6.7	6.05	27.70	0.18	2.5	0.056	2.40	8.0	60.3	1.31	672	0.18	0.60	1.8	54.2
C286209		3.8	5.63	28.60	0.27	2.8	0.074	2.31	46.6	50.8	0.92	992	1.41	0.45	3.0	41.6
C286210		4.0	0.61	1.02	0.07	0.1	0.012	0.09	15.6	2.5	0.04	606	0.24	0.09	0.1	2.4
C286211		4.0	6.00	32.30	0.26	3.6	0.081	3.06	42.8	61.0	1.27	840	1.52	0.37	3.7	49.2
C286212		4.6	5.64	28.10	0.13	2.5	0.056	3.06	30.7	76.7	1.19	562	0.14	0.36	3.3	50.3
C286213																
C286214		4.4	3.15	29.40	0.12	0.9	0.070	3.42	25.0	48.4	0.59	1170	0.09	0.59	13.3	22.9
C286251		6.9	4.94	25.60	0.30	1.8	0.050	2.49	156.0	72.5	1.36	2470	0.28	0.45	5.3	33.5
C286252		2360.0	1.27	1.16	<0.05	0.1	0.035	0.18	1.3	2.7	0.40	1050	5.74	0.02	0.4	12.7
C286301		17.6	7.07	22.10	0.10	1.6	0.043	1.57	7.2	90.0	1.66	841	0.38	0.61	8.6	58.2
C286302		4.6	5.60	27.80	0.14	2.1	0.061	2.26	30.0	76.6	1.18	732	0.08	0.58	13.3	45.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C286104		240	2.1	185.5	<0.002	0.01	0.80	<1	3.1	13.4	0.77	<0.05	23.7	0.233	0.89	4.6
C286105		490	34.9	147.0	<0.002	<0.01	0.47	<1	2.8	171.5	0.25	<0.05	15.9	0.066	0.86	4.0
C286106		570	26.9	181.0	<0.002	<0.01	0.75	<1	3.2	169.0	0.25	<0.05	20.3	0.069	1.17	5.7
C286107																
C286108		540	29.0	197.5	<0.002	0.02	1.04	<1	3.6	192.0	0.72	0.06	22.3	0.191	1.55	5.5
C286109		330	8.8	187.0	<0.002	0.01	0.40	<1	2.8	60.4	0.62	<0.05	15.3	0.208	0.96	2.5
C286110		1700	3.7	39.6	<0.002	0.01	0.30	1	0.8	397.0	0.05	<0.05	2.4	0.108	0.10	0.6
C286111		110	2.0	30.9	<0.002	0.14	3.21	<1	0.7	1680.0	0.06	0.83	2.1	0.028	0.08	0.8
C286112		630	11.1	62.8	<0.002	0.72	1.82	1	3.6	26.9	0.36	0.14	10.9	0.121	0.14	4.2
C286113		680	6.5	84.9	<0.002	1.41	1.57	<1	3.7	19.6	0.47	0.13	12.4	0.143	0.16	5.7
C286114		190	4.3	66.5	<0.002	7.03	2.09	8	6.7	5.3	0.26	0.06	9.5	0.076	0.21	2.5
C286115		410	3.7	151.5	<0.002	0.66	0.63	1	1.5	12.8	0.22	2.10	6.0	0.132	0.55	57.0
C286116		660	21.0	265.0	<0.002	0.06	0.86	27	2.6	28.8	0.71	2.05	14.0	0.241	0.47	74.7
C286117		100	7.2	55.0	<0.002	3.29	0.31	5	0.6	104.5	0.21	1.15	1.1	0.069	0.32	4.1
C286118		150	9.7	71.3	<0.002	0.01	0.62	<1	1.3	23.2	0.51	<0.05	9.5	0.130	0.32	1.5
C286119		150	3.1	180.5	<0.002	0.05	1.44	<1	2.8	8.1	0.69	0.05	22.2	0.133	0.58	2.7
C286120		590	69.8	35.2	0.070	0.79	95.00	3	2.9	316.0	0.11	3.94	1.4	0.124	0.24	2.4
C286151		430	10.3	210.0	<0.002	<0.01	1.01	1	3.7	418.0	0.65	<0.05	26.9	0.241	2.60	5.1
C286152		1190	3.5	43.4	0.014	0.46	1.00	1	8.8	62.7	0.53	0.88	6.2	0.046	0.08	3.0
C286153		160	395.0	84.5	0.002	0.12	5.10	<1	1.9	77.2	0.06	0.06	0.8	0.106	0.18	3.4
C286155		2810	2.6	207.0	<0.002	0.01	0.97	<1	8.7	23.4	0.39	<0.05	16.8	0.148	0.39	2.1
C286157		710	5.5	9.0	<0.002	<0.01	0.90	<1	2.2	25.4	0.32	<0.05	13.7	0.134	0.02	3.1
C286201		860	2.1	2.1	<0.002	0.06	0.48	<1	0.4	13.0	0.18	<0.05	11.9	0.062	<0.02	2.6
C286202		540	1.9	320.0	<0.002	0.33	0.92	<1	4.2	36.7	0.40	0.14	14.3	0.143	0.73	2.3
C286203		560	1.3	206.0	<0.002	0.01	1.33	<1	4.1	64.0	0.77	<0.05	14.3	0.296	1.04	2.6
C286204		420	1.8	238.0	<0.002	0.01	0.72	<1	3.4	106.5	0.48	<0.05	18.7	0.200	0.59	2.2
C286205		190	2.8	149.5	<0.002	0.01	1.34	<1	2.6	45.3	0.53	<0.05	10.2	0.135	0.46	1.4
C286206		580	1.4	24.9	<0.002	<0.01	0.67	<1	0.5	4.6	0.14	<0.05	10.7	0.043	0.07	0.7
C286207		630	2.9	50.2	<0.002	0.01	0.57	<1	1.4	13.6	0.37	<0.05	13.5	0.139	0.10	2.4
C286208		500	3.2	179.5	<0.002	<0.01	0.99	<1	2.3	96.9	0.25	<0.05	16.6	0.111	0.96	3.1
C286209		470	2.7	173.5	<0.002	<0.01	1.20	<1	2.2	126.5	0.30	<0.05	17.4	0.120	0.91	4.8
C286210		30	4.6	7.6	<0.002	<0.01	0.44	<1	0.3	16.0	<0.05	<0.05	1.8	0.008	0.07	0.8
C286211		710	2.5	204.0	<0.002	0.01	0.99	<1	2.5	115.0	0.37	0.10	21.1	0.117	0.94	4.6
C286212		590	2.3	203.0	<0.002	<0.01	1.32	2	2.6	68.8	0.29	<0.05	13.6	0.136	0.96	4.8
C286213																
C286214		430	34.9	265.0	<0.002	0.01	0.64	2	4.1	157.0	1.07	<0.05	21.6	0.338	1.81	4.5
C286251		410	12.4	193.5	0.002	0.02	1.50	2	3.3	156.5	0.49	<0.05	20.2	0.151	1.14	4.3
C286252		130	11.8	8.6	0.002	0.32	7.76	3	0.2	42.6	<0.05	0.42	0.6	0.011	0.29	9.6
C286301		430	2.6	113.5	<0.002	0.01	0.43	1	2.0	51.5	0.68	<0.05	12.4	0.162	0.57	2.3
C286302		540	3.1	170.5	<0.002	<0.01	0.70	2	3.1	154.0	1.02	<0.05	17.1	0.308	0.88	2.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 24-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065007

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-AA62	Zn-AA62
	Analyte	V	W	Y	Zn	Zr	Cu	Zn
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.01	0.01
C286104		67	1.6	13.8	9	130.5		
C286105		86	1.1	16.8	111	28.9		
C286106		87	0.7	29.5	101	31.9		
C286107								
C286108		77	2.2	18.6	137	27.7		
C286109		69	1.2	7.8	46	86.5		
C286110		44	0.4	11.8	8	10.4		
C286111		14	2.1	3.3	7	17.2		
C286112		45	4.0	8.5	19	45.7		
C286113		43	2.1	9.3	21	52.1		
C286114		27	0.5	7.0	7	52.8	7.30	
C286115		57	4.5	1.1	24	15.3	1.22	
C286116		49	3.5	11.9	15	35.2		
C286117		10	0.6	131.0	37	3.5	3.46	
C286118		24	1.2	7.2	37	37.2		
C286119		33	1.9	12.2	12	104.5		
C286120		64	16.0	10.0	119	24.4		
C286151		77	1.6	12.7	10	156.0		
C286152		222	17.2	14.3	7	15.8		
C286153		103	4.0	7.4	1870	21.3		
C286155		69	3.0	11.8	26	79.9		
C286157		103	4.5	11.0	23	52.8		
C286201		37	1.0	4.5	36	10.2		
C286202		102	6.1	5.7	19	64.9		
C286203		114	4.2	9.2	11	86.9		
C286204		91	2.6	9.1	16	80.4		
C286205		52	2.1	6.4	15	60.5		
C286206		32	1.8	2.0	48	10.2		
C286207		53	1.6	6.0	11	28.4		
C286208		110	0.5	6.7	17	76.8		
C286209		97	0.6	7.4	16	84.7		
C286210		3	0.1	1.0	17	4.4		
C286211		99	0.8	8.8	13	112.5		
C286212		105	1.0	6.7	11	80.7		
C286213								
C286214		78	3.0	13.6	87	27.6		
C286251		62	1.1	8.9	12	57.7		
C286252		5	0.4	1.6	29	5.4		
C286301		77	1.8	5.7	75	50.4		
C286302		93	1.3	11.8	60	64.5		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA06065007

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
C286303		0.58	<0.005		<0.01	9.62	3.0	1090	3.42	0.04	0.21	<0.02	40.00	17.0	78	6.29
C286304		0.86	0.006		<0.01	10.35	11.7	1310	4.78	0.20	0.24	<0.02	99.10	19.2	90	6.83
C286305		0.42	<0.005		<0.01	10.30	1.7	1310	3.61	0.02	0.19	<0.02	95.20	13.4	77	6.36
C286306		0.56	0.045		0.29	5.86	336.0	310	1.38	10.90	1.97	<0.02	>500	232.0	36	3.05
C286307		0.88	<0.005		<0.01	10.20	1.9	1690	2.95	0.06	0.60	<0.02	16.05	12.5	76	7.11
C286308		0.30	<0.005		<0.01	10.40	2.5	1800	3.69	0.07	0.11	<0.02	110.00	14.9	66	11.65
C286309		1.26	0.006		<0.01	9.46	1.4	1310	2.72	0.08	0.11	<0.02	69.30	17.8	76	9.52
C286310		0.56	0.027		0.17	4.42	18.1	440	0.93	0.72	0.04	0.02	30.30	39.3	57	4.02
C286311		0.74	<0.005		<0.01	11.65	2.1	1450	2.80	0.06	0.14	0.02	49.60	22.2	83	6.18
C286312		0.44	<0.005		0.02	9.74	1.3	1040	3.46	0.03	0.12	<0.02	133.00	15.3	84	5.44
C286313		0.58	<0.005		<0.01	5.55	13.1	290	2.03	0.40	0.54	0.02	84.30	11.9	35	2.45
C286314		0.52	<0.005		<0.01	6.13	2.0	140	1.59	0.20	0.12	<0.02	75.60	3.7	34	1.99
C286315		0.42	<0.005		<0.01	10.90	4.1	460	3.10	0.26	0.01	<0.02	128.50	3.3	52	3.28
C286316		0.46	<0.005		0.03	6.03	22.1	140	1.78	0.74	0.03	0.05	71.60	11.9	29	2.10
C286317		0.38	<0.005		<0.01	6.67	2.4	170	1.89	0.23	0.03	<0.02	82.60	5.3	34	2.27
C286401		1.08	<0.005		<0.01	8.55	3.8	650	2.38	0.14	2.31	<0.02	85.70	31.5	56	2.77
C286402		1.38	0.014		<0.01	8.32	29.2	940	1.87	0.59	1.31	<0.02	314.00	84.5	63	5.36
C286403		0.82	0.203		0.02	8.71	12.0	860	1.85	1.32	0.13	<0.02	49.40	103.5	76	4.21
C286404		1.74	1.855	1.94	0.16	4.33	279.0	100	0.44	6.10	0.31	<0.02	45.40	1280.0	32	0.52
C286405		1.44	0.032		0.03	6.63	19.4	200	1.55	2.01	0.14	<0.02	132.50	122.0	45	1.32
C286406		1.70	0.006		0.05	6.48	3.1	250	0.98	0.20	2.99	<0.02	189.50	21.0	42	1.24
C286407		1.72	0.017		0.28	7.34	9.5	400	0.78	1.63	0.15	<0.02	372.00	73.7	661	0.66
C286408		1.38	<0.005		0.05	0.45	1.4	60	0.12	0.16	0.85	0.03	274.00	13.4	26	0.63
C286409		1.56	0.031		0.30	7.35	4.4	270	1.78	0.38	2.89	<0.02	56.20	9.2	59	1.11
C286410		0.80	0.005		0.02	6.40	1.7	20	0.71	0.03	5.75	<0.02	56.60	9.1	180	0.13
C286411		1.66	0.026		0.71	8.42	10.7	890	2.88	2.66	0.63	<0.02	73.70	75.8	66	2.53
C286412		1.20	0.076		1.04	7.80	12.9	880	0.59	11.70	0.13	<0.02	102.00	74.5	57	0.69
C286413		1.36	0.008		0.04	7.43	4.8	720	1.99	0.12	1.38	0.02	25.90	19.8	45	1.77
C286414		1.54	0.075		1.46	6.73	2.2	440	1.49	1.77	1.93	<0.02	63.90	23.5	35	1.01
C286415		1.66	0.023		0.19	5.64	6.0	40	1.34	2.78	3.20	<0.02	82.30	120.5	49	0.26
C286416		2.48	0.019		0.34	6.25	10.0	240	0.53	4.93	1.35	<0.02	136.50	32.4	40	0.57
C286417		2.08	0.012		0.16	7.76	5.5	200	0.63	4.08	0.10	<0.02	249.00	16.2	46	0.83
C286418		2.80	0.007		0.11	8.47	4.4	380	1.06	1.87	0.15	<0.02	95.90	10.1	52	1.42
C286419		1.54	<0.005		0.11	10.45	44.8	470	3.65	0.56	0.08	<0.02	114.00	4.4	59	4.72
C286420		0.64	<0.005		0.14	2.58	8.6	100	0.91	0.11	0.02	<0.02	52.30	4.0	19	0.52
C286421		0.70	<0.005		0.23	2.11	19.1	60	0.29	0.57	0.93	<0.02	106.50	14.4	24	1.20
C286422		1.70	1.260	1.13	6.93	0.03	24.9	60	0.14	8.06	0.62	<0.02	2.66	41.4	<1	<0.05
C286423		2.64	0.140		0.78	0.22	10	70	0.13	0.80	13.90	<0.02	101.50	17.6	<1	0.08
C286424		1.50	0.005		0.06	6.54	11.0	970	2.59	0.54	8.78	<0.02	77.60	12.4	26	25.80
C286425		1.18	<0.005		<0.01	8.71	4.1	450	3.10	0.08	2.01	<0.02	83.50	14.5	55	1.56

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA06065007

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
C286303		10.1	5.80	25.70	0.13	2.0	0.042	1.94	22.7	90.5	1.14	657	0.21	0.58	10.4	46.2
C286304		39.9	5.25	28.60	0.17	2.0	0.051	2.28	47.0	101.5	1.06	549	0.17	0.73	10.2	45.4
C286305		11.2	5.45	26.90	0.16	1.8	0.041	2.32	48.0	106.0	1.21	533	0.29	0.56	10.0	43.6
C286306		481.0	10.05	18.95	0.84	1.0	0.136	0.85	387.0	93.8	1.70	2260	0.69	0.14	5.3	199.0
C286307		5.9	4.35	29.50	0.10	2.0	0.073	3.51	8.2	40.5	1.24	809	0.18	0.37	9.8	32.1
C286308		7.3	4.42	27.70	0.19	2.4	0.056	2.96	54.1	79.9	1.07	391	0.16	0.44	12.8	32.7
C286309		7.7	4.54	25.70	0.14	1.9	0.058	2.89	32.8	57.8	1.13	352	2.02	0.32	9.9	40.8
C286310		6.8	5.69	13.50	0.11	1.1	0.025	1.32	17.4	28.4	0.53	201	1.15	0.20	5.1	24.3
C286311		3.8	3.32	35.00	0.13	2.6	0.066	4.40	23.6	52.3	0.94	368	0.63	0.33	11.3	26.3
C286312		4.9	4.01	31.10	0.18	2.2	0.053	3.69	60.3	73.4	1.63	235	0.50	0.21	8.3	67.0
C286313		39.9	2.17	12.90	0.12	2.4	0.043	1.94	39.2	8.8	0.51	567	0.59	0.70	10.2	18.9
C286314		8.4	1.45	14.50	0.11	2.1	0.023	2.10	34.1	19.6	1.28	64	0.22	0.07	5.0	10.9
C286315		12.8	2.34	27.20	0.17	5.2	0.074	4.42	65.0	14.4	0.61	71	0.41	0.13	13.7	9.5
C286316		11.1	2.59	14.60	0.12	2.2	0.021	1.81	32.5	27.8	1.97	117	0.74	0.04	5.7	14.9
C286317		5.6	2.02	16.05	0.13	3.0	0.024	2.29	39.4	17.9	1.15	90	0.44	0.08	8.1	12.8
C286401		11.3	3.44	25.80	0.15	1.3	0.163	3.81	44.9	26.9	1.51	1975	0.53	0.23	6.5	29.7
C286402		4.6	4.66	24.40	0.34	1.7	0.073	2.86	168.0	18.8	0.85	1170	1.26	1.04	9.3	22.7
C286403		3.1	4.78	23.00	0.14	2.0	0.045	2.54	25.2	23.2	0.67	507	0.72	1.73	5.6	19.8
C286404		74.3	13.25	8.09	0.22	0.4	0.026	0.33	23.9	35.8	0.87	729	5.57	1.46	1.0	185.5
C286405		4.9	9.95	15.65	0.23	1.1	0.018	0.63	70.2	28.1	0.61	169	7.44	3.29	5.4	39.0
C286406		29.9	7.16	14.95	0.25	0.8	0.074	1.36	102.0	36.4	1.56	3030	1.15	1.99	3.5	23.2
C286407		7.8	24.50	31.70	1.09	0.8	0.056	0.44	196.5	117.0	5.01	1725	1.23	0.05	2.3	203.0
C286408		128.5	1.43	2.45	0.24	0.1	0.019	0.05	142.5	5.4	0.37	597	0.36	0.08	1.5	14.5
C286409		3730.0	5.80	19.90	0.17	1.5	0.112	2.71	31.0	19.4	1.48	1965	5.00	3.07	5.3	15.3
C286410		377.0	4.57	12.60	0.13	1.3	0.088	0.05	29.2	7.1	2.23	3530	1.61	5.54	11.5	21.0
C286411		43.1	6.30	28.10	0.18	1.6	0.090	5.23	42.0	35.5	1.15	619	5.49	0.93	12.2	48.3
C286412		212.0	8.82	22.90	0.24	2.4	0.016	7.32	58.7	26.7	1.76	259	9.14	0.51	5.9	50.8
C286413		19.6	6.44	18.90	0.16	1.4	0.049	5.00	14.4	30.2	1.55	1100	2.04	0.84	5.5	30.0
C286414		>10000	8.06	19.25	0.20	1.4	0.320	1.10	35.9	20.7	3.19	1035	52.50	2.56	3.1	67.9
C286415		115.5	2.17	19.55	0.13	0.9	0.038	0.19	43.4	8.2	1.43	2540	6.15	5.27	5.1	19.0
C286416		383.0	5.19	17.15	0.24	1.5	0.038	1.89	78.5	19.0	1.14	1150	3.79	2.87	5.0	20.2
C286417		148.5	4.06	22.20	0.27	1.7	0.028	1.74	145.5	19.9	0.65	194	2.00	3.95	5.9	13.7
C286418		46.7	2.88	29.00	0.20	1.7	0.041	2.83	53.7	24.0	0.59	82	0.99	3.21	7.9	12.7
C286419		33.7	2.61	41.20	0.21	4.3	0.060	3.90	70.3	27.3	0.71	35	1.11	1.53	9.1	9.7
C286420		3290.0	0.59	7.05	0.10	1.0	0.017	1.21	27.7	5.0	0.24	32	1.04	0.05	1.8	10.2
C286421		99.9	4.89	7.56	0.20	0.6	0.027	0.15	57.5	18.2	1.06	900	0.65	0.07	1.4	51.2
C286422		>10000	35.30	1.68	0.70	<0.1	7.050	0.01	1.5	0.7	0.19	1345	151.50	0.01	0.3	111.5
C286423		7870.0	10.55	1.77	0.21	0.2	0.803	0.01	69.4	3.0	5.29	9930	12.90	0.02	0.4	15.6
C286424		360.0	3.43	18.40	0.14	1.1	0.106	2.69	37.6	54.7	1.35	2160	1.73	0.41	12.4	19.3
C286425		42.3	1.03	26.20	0.10	1.6	0.022	1.34	39.4	12.7	0.81	523	0.66	4.96	8.2	12.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 24-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065007

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C286303		370	3.9	136.0	<0.002	<0.01	0.33	1	2.3	157.0	0.75	<0.05	12.6	0.202	0.66	1.8
C286304		490	4.8	155.0	<0.002	0.01	0.42	2	2.6	198.5	0.76	<0.05	14.3	0.234	0.79	2.0
C286305		470	4.1	167.5	<0.002	<0.01	0.44	2	2.3	149.0	0.73	<0.05	18.2	0.167	0.72	1.9
C286306		340	4.3	68.6	0.002	2.23	1.12	8	1.2	47.7	0.37	0.80	10.1	0.061	0.27	3.4
C286307		640	3.0	213.0	<0.002	0.02	0.79	2	2.9	80.9	0.72	<0.05	13.9	0.208	0.77	2.9
C286308		350	2.6	223.0	0.002	0.01	0.73	2	3.2	95.2	0.98	<0.05	20.3	0.222	1.46	3.2
C286309		450	1.5	188.5	<0.002	0.01	1.08	2	3.7	64.9	0.69	<0.05	13.3	0.200	1.39	3.9
C286310		380	4.3	93.1	<0.002	0.07	1.65	4	2.0	43.9	0.46	0.63	10.3	0.141	0.73	16.7
C286311		440	1.5	286.0	<0.002	0.04	0.75	2	5.2	51.7	0.74	<0.05	18.0	0.201	1.23	3.1
C286312		560	1.2	238.0	<0.002	0.01	0.91	2	3.8	38.0	0.65	<0.05	19.6	0.218	1.39	2.6
C286313		310	2.9	108.5	<0.002	0.05	0.63	2	1.7	26.6	0.79	<0.05	16.3	0.241	0.44	2.9
C286314		560	2.4	103.0	<0.002	<0.01	0.61	2	1.6	8.4	0.40	<0.05	12.6	0.130	0.39	2.0
C286315		210	2.1	210.0	0.002	0.02	0.94	2	3.7	13.9	1.08	<0.05	23.3	0.350	0.92	5.4
C286316		190	11.6	96.3	<0.002	0.01	0.62	2	1.7	8.0	0.47	<0.05	14.0	0.143	0.39	4.3
C286317		180	1.9	119.5	<0.002	<0.01	0.54	2	2.2	10.0	0.67	<0.05	16.7	0.185	0.50	2.9
C286401		760	2.6	287.0	<0.002	0.16	0.82	2	4.0	12.0	0.48	0.08	18.0	0.197	0.49	7.0
C286402		530	6.0	216.0	0.002	0.91	0.68	3	3.7	35.6	0.60	0.47	18.5	0.173	0.86	26.1
C286403		340	4.5	168.0	0.002	0.55	0.66	4	2.9	34.6	0.38	1.02	8.9	0.128	0.57	3.1
C286404		840	5.9	34.0	0.003	9.24	0.67	10	0.6	11.7	0.11	6.31	9.2	0.055	0.05	1.2
C286405		590	3.5	47.3	0.003	1.08	0.85	4	4.5	43.8	0.49	0.94	12.8	0.166	0.13	2.0
C286406		670	1.7	108.5	<0.002	0.06	0.66	2	2.1	17.1	0.28	0.10	14.8	0.133	0.22	5.6
C286407		890	10.1	29.8	0.002	0.28	2.59	2	0.6	5.5	0.17	0.21	2.3	0.120	0.05	3.3
C286408		870	4.4	4.6	<0.002	0.06	0.36	2	0.3	13.5	0.09	<0.05	5.5	0.015	<0.02	1.1
C286409		740	2.1	129.5	<0.002	0.31	1.24	4	3.7	14.9	0.39	0.16	13.7	0.224	0.16	5.9
C286410		130	1.4	0.6	<0.002	0.06	1.01	2	2.0	40.2	0.54	<0.05	8.2	0.252	<0.02	1.8
C286411		760	23.1	221.0	0.002	1.25	3.68	2	5.3	12.0	1.09	<0.05	17.5	0.280	19.90	8.7
C286412		650	16.9	162.0	<0.002	1.30	2.85	4	2.5	12.3	0.47	0.06	17.7	0.245	18.45	18.7
C286413		830	2.2	184.0	<0.002	0.03	0.96	2	3.6	16.2	0.37	0.05	15.7	0.187	0.64	8.8
C286414		620	4.7	50.7	0.002	2.77	1.25	13	2.0	21.3	0.26	0.63	10.2	0.186	0.27	32.6
C286415		910	2.7	3.0	0.004	0.70	0.84	3	1.2	33.0	0.44	0.97	7.6	0.148	0.06	1.3
C286416		640	7.9	58.9	<0.002	0.71	2.25	2	2.0	17.7	0.49	0.09	11.9	0.180	6.56	3.5
C286417		740	6.4	83.1	<0.002	0.37	1.63	2	2.6	15.6	0.63	0.08	16.5	0.172	4.74	4.5
C286418		560	4.6	152.0	<0.002	0.34	1.66	2	5.0	17.0	0.83	<0.05	12.3	0.219	3.58	3.2
C286419		350	3.7	236.0	<0.002	0.03	1.17	2	3.1	16.4	0.82	0.09	17.2	0.265	0.73	3.6
C286420		80	1.5	62.8	<0.002	0.03	0.67	2	3.1	2.6	0.14	<0.05	6.4	0.040	0.15	2.2
C286421		710	6.6	11.3	<0.002	0.51	0.79	2	0.3	12.5	0.13	0.18	4.8	0.034	0.08	1.0
C286422		<10	18.2	1.1	<0.002	>10.0	10.45	14	5.1	2.6	<0.05	5.14	0.3	<0.005	0.02	1.4
C286423		70	11.4	0.8	0.002	0.99	3.83	2	0.5	32.9	<0.05	0.10	1.9	<0.005	0.03	4.8
C286424		960	4.4	204.0	<0.002	0.14	1.02	2	2.1	253.0	1.03	0.08	13.6	0.290	1.57	5.3
C286425		650	5.7	61.3	<0.002	0.20	0.57	1	3.9	78.9	0.76	<0.05	15.4	0.219	0.20	1.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA06065007

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-AA62	Zn-AA62
	Analyte	V	W	Y	Zn	Zr	Cu	Zn
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.01	0.01
C286303		88	1.3	8.2	54	65.1		
C286304		98	1.1	8.7	43	65.0		
C286305		87	1.5	8.8	32	57.6		
C286306		39	0.7	41.6	49	28.6		
C286307		108	1.6	8.6	26	64.9		
C286308		81	1.7	9.8	18	71.3		
C286309		86	1.8	6.8	13	60.8		
C286310		58	1.5	3.8	16	34.6		
C286311		113	2.8	6.9	7	88.8		
C286312		98	2.1	5.9	10	69.6		
C286313		38	1.3	16.5	14	72.1		
C286314		37	0.7	8.1	5	62.3		
C286315		73	2.2	16.8	7	164.5		
C286316		35	0.9	11.1	35	68.1		
C286317		38	1.2	13.2	7	86.8		
C286401		70	3.5	13.7	9	42.9		
C286402		90	2.2	9.9	6	52.7		
C286403		69	2.2	5.2	13	66.8		
C286404		8	0.7	5.9	28	12.5		
C286405		64	4.0	3.8	12	34.4		
C286406		65	1.9	8.3	12	27.6		
C286407		228	1.9	5.6	102	27.0		
C286408		4	1.0	6.3	17	3.2		
C286409		72	4.7	10.4	4	49.4		
C286410		59	2.7	20.0	9	39.9		
C286411		98	5.7	10.5	9	48.6		
C286412		82	3.9	7.0	29	75.4		
C286413		72	4.1	8.0	10	44.4		
C286414		221	4.6	9.4	23	43.5	4.32	
C286415		51	2.8	7.2	5	29.1		
C286416		58	4.2	8.0	12	46.2		
C286417		60	3.3	7.9	9	48.6		
C286418		86	3.8	7.1	6	49.2		
C286419		91	3.6	17.2	6	123.5		
C286420		14	1.5	5.5	3	28.1		
C286421		15	1.0	5.3	33	18.8		
C286422		10	0.9	3.2	18	2.2	5.75	
C286423		18	1.4	12.5	10	4.4		
C286424		100	1.4	24.9	29	31.4		
C286425		133	1.7	7.7	6	49.2		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 24-AUG-2006
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CERTIFICATE OF ANALYSIS VA06065007

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
C286426		1.94	0.273		0.24	8.61	13.8	250	2.43	0.87	0.96	<0.02	226.00	61.1	45	1.62
C286427		Not Recvd														
C286428		0.96	0.035		0.23	7.33	24.9	1520	2.13	0.10	3.82	<0.02	104.00	34.8	36	0.77
C286429		2.04	0.044		0.07	5.90	<5	1300	3.37	0.14	10.40	<0.02	54.00	47.2	26	1.34
C286430		1.80	0.303		0.22	0.89	5	150	0.38	0.11	13.90	<0.02	21.30	8.6	6	0.68
C286431		1.68	0.141		0.87	6.73	3560.0	150	13.25	0.54	0.98	<0.02	>500	1700.0	46	1.20
C286432		1.88	0.297		2.57	5.81	203.0	210	1.76	0.80	7.07	<0.02	77.20	136.5	31	0.46
C286433		1.70	0.072		1.72	4.72	14.5	960	0.85	0.24	8.74	<0.02	60.40	14.3	22	0.28
C286435		1.42	0.013		0.07	6.46	2810.0	1500	1.27	0.22	9.82	<0.02	60.20	2150.0	26	0.33
C286436		0.90	0.006		0.04	3.56	15.0	300	0.64	0.12	4.59	<0.02	31.70	85.4	12	1.06
C286437		1.40	0.007		0.09	6.72	6.6	2980	0.84	0.25	4.46	<0.02	50.40	34.2	30	0.85
C286438		1.88	0.007		0.22	7.02	4.3	390	0.97	0.19	0.31	<0.02	22.80	61.2	2	0.49
C286439		0.66	<0.005		0.10	0.97	19.0	30	0.12	1.67	3.48	<0.02	17.30	48.0	12	0.26
C286440		1.10	<0.005		<0.01	5.99	7	30	3.38	0.19	10.60	<0.02	73.00	5.8	25	0.38
C286441		1.32	<0.005		<0.01	7.26	4.1	70	1.22	0.01	4.21	<0.02	28.20	18.4	43	3.44
C286442		0.26	<0.005		<0.01	5.18	6.7	70	1.27	0.06	7.68	<0.02	58.20	13.3	21	1.96
C286443		0.62	<0.005		<0.01	8.08	6.6	210	2.74	0.23	0.10	<0.02	83.40	9.7	74	5.24
C286444		1.46	<0.005		0.08	5.16	150.0	210	1.77	0.19	0.08	<0.02	49.10	69.4	34	3.40
C286445		1.00	0.020		0.31	5.18	103.5	320	0.65	3.49	2.29	<0.02	32.00	61.7	26	0.77
C286446		0.66	0.056		0.81	3.45	493.0	80	0.23	13.75	0.34	<0.02	54.10	130.0	12	0.35
C286447		1.72	1.710	1.23	40.80	7.00	7.9	360	1.27	239.00	1.13	<0.02	42.90	17.0	39	0.75
C286448		1.52	0.078		2.49	1.43	237.0	250	0.21	8.93	3.34	0.63	383.00	34.8	9	0.26
C286449		0.52	0.021		0.42	3.80	51.0	710	0.11	2.38	2.44	<0.02	75.80	40.4	23	0.37
C286450		0.90	0.011		0.49	5.54	33.6	820	0.87	3.22	4.17	<0.02	61.00	20.4	31	1.30
C286451		1.52	<0.005		<0.01	7.49	3.9	590	2.90	0.18	1.75	<0.02	54.60	10.8	55	2.00
C286452		1.98	<0.005		0.11	1.47	6.7	4700	0.33	0.34	0.48	<0.02	17.10	12.8	32	0.91
C286453		0.32	0.010		73.70	0.17	5.1	20	0.30	349.00	5.44	0.84	4.38	9.8	<1	0.19
C286454		0.06	0.930		38.30	4.29	989.0	490	0.58	33.00	6.36	<0.02	24.00	41.0	267	1.21
C286455		1.34	0.014		1.42	5.14	19.3	380	1.31	0.64	0.04	<0.02	95.30	3.3	28	1.26

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
C286426		>10000	5.28	28.00	0.29	1.8	0.730	5.66	113.5	17.5	0.82	375	1.56	2.89	3.7	43.1
C286427																
C286428		2340.0	1.67	20.10	0.15	1.0	0.071	4.89	52.4	2.1	1.00	1425	1.92	2.47	5.6	27.6
C286429		>10000	2.37	20.90	0.14	1.8	0.276	3.32	29.8	23.8	1.30	2210	0.92	2.22	4.5	56.8
C286430		4650.0	1.53	2.54	0.09	0.2	0.069	0.35	11.4	3.3	0.32	3380	0.83	0.20	0.5	7.1
C286431		>10000	8.00	23.10	0.52	1.8	1.840	4.74	331.0	11.6	0.51	404	8.33	1.75	4.0	163.0
C286432		>10000	5.82	17.20	0.17	1.4	1.225	3.81	38.3	3.1	0.26	1730	11.35	1.91	4.6	50.2
C286433		6320.0	1.54	10.90	0.08	0.9	0.106	2.07	32.9	4.6	1.13	1435	8.31	2.00	3.5	20.9
C286435		2590.0	1.13	15.05	0.12	1.6	0.078	3.36	32.6	5.6	0.73	2110	12.80	2.84	5.8	128.5
C286436		43.8	7.23	10.30	0.14	0.6	0.212	0.82	21.7	48.9	3.11	4610	0.88	0.03	1.2	48.0
C286437		316.0	6.03	25.60	0.18	2.5	0.052	6.28	26.8	55.0	4.61	1275	0.92	0.08	9.3	48.5
C286438		1390.0	10.55	20.60	0.22	1.7	0.093	2.95	10.8	84.8	6.00	600	0.75	0.05	11.4	41.1
C286439		1780.0	3.08	3.23	0.05	0.1	0.065	0.04	9.5	13.8	1.33	1995	0.48	0.05	0.3	31.4
C286440		13.3	2.02	16.20	0.07	0.5	0.026	0.18	36.7	12.6	0.90	963	0.20	4.16	10.1	18.2
C286441		21.1	4.75	26.90	0.10	0.6	0.027	1.43	14.4	49.4	2.93	515	0.28	3.98	8.9	50.0
C286442		35.6	2.05	17.25	0.10	0.4	0.033	1.24	31.4	35.2	2.25	826	0.30	2.56	7.0	32.4
C286443		49.4	4.08	22.90	0.15	3.1	0.084	3.53	39.6	15.4	0.53	1300	0.50	0.09	12.2	28.1
C286444		354.0	12.65	14.95	0.23	1.8	0.616	2.37	26.3	3.1	0.51	9100	0.35	0.05	4.1	21.1
C286445		29.0	5.23	13.00	0.15	0.6	0.043	4.96	18.0	6.4	1.23	726	2.65	0.06	2.2	71.2
C286446		60.7	11.10	6.66	0.21	1.1	0.025	3.81	39.0	2.2	0.21	216	23.30	0.05	1.9	160.5
C286447		>10000	4.24	17.65	0.20	2.3	0.058	2.07	20.9	13.0	1.49	672	116.50	3.31	3.3	19.0
C286448		984.0	7.83	4.37	0.20	0.5	0.209	1.43	375.0	1.9	1.58	738	12.55	0.03	6.2	45.1
C286449		191.5	2.40	7.07	0.11	1.3	0.019	4.68	45.5	1.6	1.07	719	5.21	0.05	5.2	39.9
C286450		585.0	2.40	14.50	0.12	2.0	0.055	5.12	41.2	12.2	2.34	920	2.44	0.06	7.0	24.9
C286451		20.1	5.81	22.40	0.15	1.3	0.088	3.59	31.6	25.2	1.12	1725	0.74	0.13	7.1	24.1
C286452		441.0	2.66	3.21	0.05	0.4	0.031	0.65	8.3	13.6	0.07	123	0.60	0.02	0.8	7.4
C286453		>10000	20.10	1.14	0.36	0.1	3.690	0.09	1.4	3.2	2.28	4770	2.71	0.01	0.4	25.4
C286454		4170.0	4.13	13.85	0.36	0.8	0.206	1.41	17.4	13.8	0.79	1685	684.00	0.65	1.9	23.9
C286455		203.0	0.98	13.50	0.14	1.7	0.081	2.91	52.5	8.2	0.45	35	27.40	0.02	7.0	3.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
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Finalized Date: 24-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065007

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C286426		770	17.3	172.5	<0.002	2.83	0.60	15	4.1	77.3	0.39	1.48	17.6	0.160	0.27	7.7
C286427																
C286428		860	5.0	126.5	0.002	0.28	0.40	3	1.3	83.9	0.56	0.15	15.5	0.206	0.18	4.8
C286429		1210	3.0	154.5	0.002	0.85	0.30	2	2.1	110.0	0.45	0.25	11.7	0.153	0.17	2.9
C286430		890	5.1	22.5	<0.002	0.44	0.31	12	0.4	121.0	<0.05	0.09	2.1	0.019	0.09	1.3
C286431		1470	13.7	154.5	0.014	3.71	0.97	6	7.3	67.7	0.43	1.51	19.0	0.132	0.23	11.8
C286432		1520	15.6	109.0	0.169	3.49	0.58	3	4.8	86.6	0.46	0.76	12.3	0.137	0.14	11.2
C286433		590	4.2	45.7	0.003	0.36	0.34	4	1.0	188.0	0.34	0.27	7.8	0.097	0.09	16.1
C286435		1870	4.6	102.0	0.014	0.33	0.32	2	0.9	121.0	0.57	0.09	13.7	0.161	0.10	7.8
C286436		240	2.9	42.2	<0.002	0.23	0.95	2	0.4	18.3	0.10	<0.05	2.8	0.139	0.11	0.9
C286437		860	5.1	82.1	0.003	0.14	1.39	2	1.6	91.2	0.80	0.09	7.2	0.756	0.35	3.7
C286438		820	3.3	48.5	0.002	0.12	1.95	4	1.0	14.9	0.92	0.15	4.1	1.240	0.20	1.2
C286439		80	3.0	1.4	<0.002	0.50	0.44	3	<0.2	14.3	<0.05	0.17	0.6	0.016	0.03	0.5
C286440		770	2.3	16.4	<0.002	<0.01	0.29	2	2.0	51.0	0.85	0.07	11.4	0.252	0.06	1.8
C286441		890	1.3	136.0	<0.002	<0.01	0.23	2	2.2	28.6	0.86	<0.05	16.9	0.345	0.23	2.7
C286442		730	1.4	89.9	<0.002	0.01	0.49	1	1.7	32.1	0.45	<0.05	9.4	0.221	0.20	1.7
C286443		290	2.0	205.0	<0.002	0.03	3.90	2	2.4	10.9	1.01	<0.05	14.7	0.281	0.80	3.4
C286444		180	1.3	111.5	<0.002	0.04	1.88	1	2.5	9.4	0.26	<0.05	11.0	0.073	0.39	1.8
C286445		950	38.0	117.5	<0.002	4.27	4.62	2	2.4	28.5	0.18	0.32	10.2	0.084	1.44	1.7
C286446		610	84.0	79.2	0.005	9.55	15.30	3	2.1	6.1	0.12	0.65	5.5	0.043	3.85	2.4
C286447		690	7.4	58.9	0.433	3.79	1.13	15	4.0	15.1	0.35	11.75	16.5	0.096	0.34	7.7
C286448		1060	179.0	35.4	0.004	4.66	12.15	5	2.5	17.5	0.13	2.01	4.5	0.036	0.99	6.7
C286449		1390	16.3	96.2	0.003	1.35	3.53	3	1.6	16.6	0.27	0.43	9.3	0.070	0.77	5.5
C286450		590	20.0	131.0	0.004	0.98	2.72	2	2.7	22.4	0.65	0.16	11.9	0.187	1.71	3.0
C286451		740	3.1	246.0	<0.002	0.02	0.65	1	3.7	9.2	0.58	0.05	16.3	0.250	0.33	5.2
C286452		2140	2.8	29.4	<0.002	0.27	2.67	2	0.4	79.3	0.06	<0.05	2.4	0.026	0.16	1.6
C286453		30	1175.0	4.4	<0.002	>10.0	157.50	28	2.0	88.6	<0.05	0.18	0.4	0.005	0.05	0.3
C286454		540	67.7	34.8	0.079	0.72	87.40	15	4.2	282.0	0.13	3.76	1.4	0.119	0.16	2.6
C286455		80	22.0	90.8	0.009	0.36	9.67	2	3.2	3.2	0.47	0.08	10.3	0.165	1.85	3.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
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Finalized Date: 24-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065007

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-AA62	Zn-AA62
	Analyte	V	W	Y	Zn	Zr	Cu	Zn
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.01	0.01
C286426		96	0.7	14.2	12	51.7	3.69	
C286427								
C286428		87	1.5	14.0	6	27.6		
C286429		70	1.1	19.3	8	52.2	1.13	
C286430		8	0.5	12.7	11	7.5		
C286431		119	1.3	18.7	12	50.4	4.02	
C286432		63	1.9	13.6	9	40.1	4.93	
C286433		59	1.4	14.1	5	25.4		
C286435		76	2.0	17.6	3	46.6		
C286436		149	0.8	14.8	42	16.1		
C286437		295	3.6	16.2	27	66.2		
C286438		425	2.6	13.0	70	33.4		
C286439		9	0.1	16.0	20	1.8		
C286440		45	0.6	22.9	11	14.3		
C286441		84	0.7	9.9	8	18.1		
C286442		35	0.6	19.2	14	10.8		
C286443		73	1.3	15.3	9	90.3		
C286444		31	2.6	7.1	5	52.7		
C286445		67	3.3	6.0	4	15.7		
C286446		23	4.1	3.7	<2	31.2		
C286447		70	0.5	8.0	6	70.1	11.90	
C286448		39	9.3	6.1	186	13.8		
C286449		28	3.8	5.9	7	37.3		
C286450		64	6.8	9.0	4	55.8		
C286451		69	4.7	8.5	6	38.4		
C286452		16	0.4	5.2	6	13.6		
C286453		1	<0.1	9.6	142	4.2	20.9	
C286454		57	13.8	9.8	104	21.3		
C286455		33	6.3	4.3	6	51.8		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
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Finalized Date: 11-JAN-2007
Account: EIA

CERTIFICATE EL07003143

Project: Werneckes

P.O. No.: FRG06-01

This report is for 1 Rock sample submitted to our lab in Vancouver, BC, Canada on 8-JAN-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim 'or deposit has been determined based on the results of assays of multiple samples of geological materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project.

To: **EQUITY ENGINEERING LTD.**
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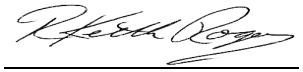
Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 11-JAN-2007
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS EL07003143

Sample Description	Method	U-XRF10
	Analyte	U
	Units	%
	LOR	0.01
286467		0.12

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SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM

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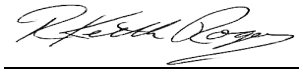
Signature: 

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Finalized Date: 11-JAN-2007
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS EL07003142

Sample Description	Method Analyte Units LOR	U-XRF10 U % 0.01
286497		0.07

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Finalized Date: 18-NOV-2006
Account: EIA

CERTIFICATE EL06105212

Project: Werneckes

P.O. No.: FRG06-01

This report is for 1 Rock sample submitted to our lab in Vancouver, BC, Canada on 18-OCT-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL	ROBIN BLACK	DAVID C
I DUNLOP	SCOTT HEFFERNAN	RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61U	47 elements four acid ICP-MS (U pkg)

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim 'or deposit has been determined based on the results of assays of multiple samples of geological materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project.

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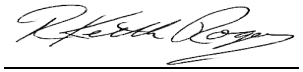
Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 18-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS EL06105212

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
286497		7.25	1.93	187.0	650	1.80	31.80	0.49	0.31	97.30	109.0	32	1.19	5280.0	7.95	8.06

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CERTIFICATE OF ANALYSIS EL06105212

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
286497		0.30	3.3	0.109	1.27	40.6	20.5	0.49	518	207.00	0.02	21.3	81.0	910	209.0	104.0

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CERTIFICATE OF ANALYSIS EL06105212

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
286497		0.012	0.43	37.30	15	13.8	12.4	1.50	0.68	10.4	0.387	2.69	770.0	68	59.3	141.0

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Finalized Date: 18-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS EL06105212

Sample Description	Method	ME-MS61U	ME-MS61U
	Analyte	Zn	Zr
	Units	ppm	ppm
	LOR	2	0.5
286497		190	97.8

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Finalized Date: 18-NOV-2006
Account: EIA

CERTIFICATE EL06105211

Project: Werneckes

P.O. No.: FRG06-01

This report is for 1 Rock sample submitted to our lab in Vancouver, BC, Canada on 18-OCT-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
ME-MS61U	47 elements four acid ICP-MS (U pkg)	

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim 'or deposit has been determined based on the results of assays of multiple samples of geological materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project.

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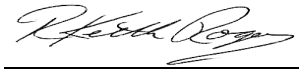
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 18-NOV-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS EL06105211

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
286467		0.03	6.77	13.9	70	1.84	0.45	0.23	<0.02	105.00	33.1	14	0.19	40.2	0.94	13.40

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Project: Werneckes

CERTIFICATE OF ANALYSIS EL06105211

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
286467		0.15	2.1	0.007	0.07	48.6	2.6	0.12	62	10.90	7.07	17.6	5.5	220	94.9	4.8

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Project: Werneckes

CERTIFICATE OF ANALYSIS EL06105211

Sample Description	Method	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U	ME-MS61U
	Analyte	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
286467		0.005	0.13	4.07	4	0.8	52.4	1.82	0.16	138.0	0.167	0.02	1080.0	9	3.9	87.3

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Finalized Date: 18-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS EL06105211

Sample Description	Method	ME-MS61U	ME-MS61U	U-XRF10
	Analyte	Zn	Zr	U
	Units	ppm	ppm	%
	LOR	2	0.5	0.01
286467		4	64.8	0.12

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Finalized Date: 29-SEP-2006
Account: EIA

CERTIFICATE EL06083231

Project: Werneckes

P.O. No.: FRG06-01

This report is for 31 Rock samples submitted to our lab in Vancouver, BC, Canada on 9-AUG-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA62	Ore grade Cu - four acid / AAS	AAS
Pb-AA62	Ore grade Pb - four acid / AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	47 element four acid ICP-MS	

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim 'or deposit has been determined based on the results of assays of multiple samples of geological materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project.

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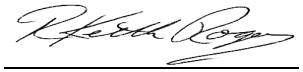
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 29-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS EL06083231

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
286489		1.26	0.006	0.13	5.95	54.8	240	1.02	0.86	1.55	0.06	105.00	17.2	24	5.66	203.0
286490		1.37	0.008	0.44	0.59	21.9	30	0.19	1.55	3.62	0.09	4.30	19.2	15	0.86	315.0
286491		1.72	0.007	20.80	2.04	814	1120	0.93	358.00	14.55	0.85	40.80	145.5	11	0.97	5030.0
286492		1.14	0.007	0.51	7.02	12.2	1660	2.89	2.17	2.65	<0.02	104.00	38.7	43	3.84	868.0
286493		1.78	0.018	1.89	5.29	9.7	1990	0.81	4.39	3.58	<0.02	31.50	50.6	30	1.01	5260.0
286852		1.08	0.028	0.56	6.83	11.7	910	2.80	1.65	0.40	<0.02	104.50	150.5	17	2.22	3440.0
286853		0.24	0.013	0.34	5.67	19.1	1900	0.18	0.32	3.01	0.04	137.50	31.0	33	0.97	8300.0
286854		0.89	0.056	0.23	5.83	11.8	2180	1.32	0.29	4.38	<0.02	109.50	27.2	31	1.68	3910.0
286962		2.15	0.430	6.09	6.75	27.5	4050	1.98	6.64	2.12	<0.02	103.50	86.3	42	3.54	252.0
286494		1.16	0.034	1.17	6.40	19.5	770	1.84	0.82	5.46	0.04	99.30	47.3	32	2.93	255.0
286495		1.59	0.008	0.11	6.61	25.8	770	0.93	0.14	4.85	0.06	116.50	65.9	37	1.47	1690.0
286496		0.83	0.019	0.60	0.46	45.7	160	0.28	1.42	0.60	<0.02	>500	14.9	19	0.17	208.0
286497		1.20	0.332	8.19	2.17	185.0	740	2.34	36.40	0.57	0.43	125.00	119.5	36	1.33	5390.0
286498		0.47	0.045	0.25	7.85	15.1	2240	2.92	0.86	0.98	0.06	123.00	21.3	53	2.98	2810.0
286499		0.64	0.013	0.31	0.52	34.6	290	0.33	0.59	0.48	0.21	>500	11.8	20	0.26	242.0
286500		2.15	0.170	2.31	1.45	11.5	320	0.35	142.50	0.30	0.13	47.40	7.0	22	0.42	>10000
286167		1.42	0.014	0.34	0.15	14.1	50	0.24	0.36	0.08	<0.02	77.80	1.6	20	0.10	52.6
286168		1.17	0.014	0.22	6.69	5.5	1450	1.93	1.67	1.04	<0.02	64.00	13.5	44	2.06	8360.0
286913		0.51	0.011	0.09	7.20	9.4	980	2.02	0.98	2.41	<0.02	106.50	16.4	52	1.55	1150.0
286914		0.47	<0.005	0.06	11.85	6.7	760	4.98	0.13	0.10	0.03	31.70	5.5	83	16.30	19.0
286915		0.85	0.005	0.65	5.47	60.1	630	2.46	2.37	0.08	0.05	129.00	32.2	13	1.76	549.0
286916		0.42	0.021	0.47	6.65	13.2	110	1.02	7.64	0.67	0.03	56.30	68.2	28	1.61	9770.0
286917		0.32	0.009	0.17	7.82	7.9	2230	3.06	0.31	0.58	0.05	174.00	15.3	58	4.00	4850.0
286918		0.45	0.008	0.19	7.90	7.8	520	4.01	0.37	2.51	0.08	105.50	58.5	52	7.19	524.0
286959		1.83	0.016	0.06	6.14	8.5	540	0.33	0.23	5.72	0.03	93.70	12.2	40	0.55	42.3
286960		1.57	0.005	0.06	6.26	8.9	1740	1.95	0.67	4.22	0.05	102.50	23.2	38	2.96	33.4
286961		1.88	0.009	0.19	6.40	193.5	1040	0.93	0.66	6.04	0.03	149.00	120.5	29	1.44	690.0
286963		1.77	0.009	0.06	6.36	14.9	1710	1.78	0.09	4.08	<0.02	104.00	22.8	35	2.31	7.0
286964		3.02	0.023	0.70	4.17	18.5	2950	0.60	0.94	2.70	<0.02	172.50	15.3	22	0.50	17.1
286965		2.02	0.027	3.18	8.26	12.0	950	2.82	6.17	0.90	0.12	163.50	11.1	55	1.89	>10000
286966		2.41	0.025	0.08	3.75	103.0	210	0.97	5.45	0.02	0.02	54.80	58.0	26	2.64	39.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 29-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS EL06083231

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
286489		4.08	12.65	0.22	2.1	0.062	1.06	37.0	19.7	1.01	1260	0.26	2.20	7.4	14.6	170
286490		5.02	1.74	0.10	0.2	0.071	0.18	1.9	3.3	1.48	3040	2.07	0.06	0.4	21.1	60
286491		2.37	4.98	0.21	1.3	0.060	1.82	19.1	13.5	8.55	3160	37.00	0.02	2.4	30.3	160
286492		6.41	23.20	0.25	3.0	0.144	5.13	52.0	48.0	3.01	2090	4.14	0.03	7.2	63.2	740
286493		7.12	15.30	0.20	2.2	0.082	4.63	16.0	28.8	3.41	2240	5.35	0.04	4.9	88.9	550
286852		12.55	22.50	0.29	5.9	0.049	2.58	54.4	63.4	6.27	257	7.23	0.02	6.2	27.3	1730
286853		9.61	7.60	0.32	1.8	0.092	7.53	72.9	5.8	1.74	982	2.07	0.07	3.2	13.4	670
286854		5.39	12.55	0.24	1.7	0.115	5.64	52.3	11.7	2.30	2320	13.55	0.06	6.0	18.0	530
286962		6.48	15.40	0.29	2.6	0.046	5.58	53.0	35.4	2.49	812	62.80	0.05	7.4	40.2	640
286494		4.22	14.85	0.23	3.5	0.127	5.69	53.0	26.2	2.96	3070	7.14	0.04	8.7	30.0	690
286495		6.15	14.60	0.26	3.7	0.101	6.68	56.8	11.9	2.35	3430	9.50	0.05	9.1	13.6	600
286496		36.20	7.65	0.76	0.7	0.008	0.44	460.0	2.2	0.07	509	95.10	0.01	6.5	13.6	610
286497		9.03	9.11	0.42	4.4	0.121	1.30	46.6	23.4	0.53	570	217.00	0.01	24.6	97.5	980
286498		4.53	19.10	0.25	3.4	0.155	6.73	66.8	34.1	1.25	891	12.20	0.06	4.2	24.4	840
286499		30.70	11.35	1.00	0.6	0.025	0.46	>500	2.2	0.12	2110	25.80	0.01	6.2	11.8	870
286500		4.21	4.26	0.16	0.5	0.111	1.14	31.8	50.2	0.64	286	2.79	0.04	2.2	13.0	150
286167		25.70	1.01	0.39	0.6	<0.005	0.06	58.0	1.6	0.02	48	23.00	<0.01	6.2	3.7	500
286168		6.21	19.05	0.20	1.4	0.142	5.61	36.5	50.5	1.52	905	1.22	0.07	7.8	29.9	590
286913		4.61	18.80	0.26	1.9	0.067	5.37	51.1	31.8	1.36	774	1.07	1.24	12.1	26.2	590
286914		4.02	34.20	0.17	4.9	0.092	3.55	12.0	63.0	1.28	426	3.03	0.84	14.3	12.7	360
286915		1.03	14.45	0.22	6.7	0.061	5.48	58.5	19.2	0.36	52	4.73	0.04	12.9	22.4	490
286916		11.90	17.40	0.31	2.2	0.118	0.69	36.3	24.2	2.11	456	3.14	3.49	4.1	32.3	1130
286917		4.72	33.00	0.29	3.4	0.072	5.52	99.1	60.6	1.02	411	1.00	0.08	4.0	30.9	680
286918		6.48	22.90	0.32	3.1	0.104	5.08	52.8	39.1	3.20	1110	5.96	0.03	9.8	35.6	740
286959		6.42	13.35	0.24	2.8	0.032	5.71	49.1	1.1	2.63	2420	1.35	0.05	6.0	13.5	620
286960		6.66	16.10	0.28	2.8	0.106	5.84	56.5	25.1	2.38	2330	2.73	0.04	7.8	23.2	680
286961		5.27	13.35	0.30	3.7	0.103	6.19	72.1	15.4	3.35	4160	11.65	0.04	9.8	42.6	560
286963		6.37	20.30	0.25	2.6	0.094	5.44	54.5	25.6	2.59	1525	4.42	0.05	5.5	26.2	490
286964		15.90	9.48	0.39	1.5	0.023	4.77	129.5	9.0	1.08	1135	12.80	0.04	11.3	19.0	2180
286965		3.85	26.40	0.30	3.1	0.222	6.53	84.4	24.6	0.94	587	6.06	0.08	5.4	17.6	800
286966		4.79	8.78	0.17	1.7	0.021	1.05	25.3	23.3	0.51	190	0.36	0.23	5.9	20.2	50

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 29-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS EL06083231

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
286489		3.7	66.5	<0.002	0.02	0.70	2	1.5	43.8	0.65	<0.05	10.8	0.180	0.44	1.7	37
286490		7.8	9.4	<0.002	0.16	0.98	3	0.3	55.6	<0.05	0.19	6.1	0.009	0.05	1.1	5
286491		>10000	49.0	0.006	0.20	6.11	31	0.6	42.4	0.19	<0.05	5.5	0.063	0.26	18.9	20
286492		51.3	250.0	0.002	0.05	3.24	3	3.8	20.0	0.65	0.06	14.1	0.212	0.38	6.7	71
286493		31.8	132.0	<0.002	0.15	2.04	10	2.4	1140.0	0.44	0.26	9.4	0.145	0.24	9.8	51
286852		49.5	92.2	0.002	0.24	3.58	4	1.9	11.4	0.47	0.06	11.5	0.352	0.14	5.1	214
286853		8.6	158.5	0.002	0.48	1.93	4	1.9	24.5	0.34	<0.05	11.6	0.152	0.32	5.8	49
286854		5.4	234.0	0.003	0.23	1.11	4	2.7	37.9	0.53	0.18	10.1	0.187	0.27	5.0	46
286962		93.2	232.0	0.005	0.14	9.31	6	4.1	65.0	0.58	0.25	16.7	0.199	1.39	324.0	55
286494		9.8	221.0	0.002	0.01	3.35	5	3.8	24.1	0.80	0.57	14.1	0.223	0.46	97.1	57
286495		12.0	163.0	0.002	0.12	3.17	6	3.9	19.3	0.80	0.05	13.9	0.199	0.43	58.2	67
286496		14.0	15.2	<0.002	0.08	6.85	17	17.6	6.2	0.28	0.19	144.5	0.098	0.41	9.9	250
286497		234.0	105.5	0.014	0.47	43.20	20	15.8	14.0	1.55	0.86	11.2	0.407	2.78	>500	75
286498		6.6	330.0	<0.002	0.05	4.11	6	3.0	35.7	0.35	0.11	17.0	0.160	0.44	14.3	72
286499		13.2	15.5	0.002	0.02	5.05	7	14.5	8.3	0.23	0.11	302.0	0.076	0.19	6.8	338
286500		6.3	31.8	<0.002	1.42	7.26	19	1.3	38.4	0.17	0.11	10.8	0.055	0.09	3.8	22
286167		4.0	3.4	<0.002	0.01	3.24	7	7.1	6.4	0.18	0.37	10.6	0.062	0.32	3.0	52
286168		2.5	182.5	<0.002	0.36	2.56	5	3.3	26.2	0.64	<0.05	16.3	0.181	0.42	2.0	63
286913		7.6	202.0	<0.002	0.01	1.91	5	3.4	103.0	1.05	<0.05	16.7	0.298	0.42	3.1	66
286914		12.4	238.0	0.002	0.01	0.66	5	4.3	110.0	1.14	<0.05	18.3	0.350	1.42	4.9	117
286915		19.8	133.5	0.003	0.04	2.38	8	2.5	14.9	0.99	0.11	16.3	0.088	0.58	10.7	28
286916		3.2	23.4	<0.002	0.27	0.92	9	2.3	26.5	0.31	<0.05	6.9	0.182	0.10	13.6	95
286917		3.6	177.0	<0.002	0.08	1.95	1	4.0	24.7	0.36	<0.05	16.3	0.157	0.55	12.1	84
286918		4.7	290.0	<0.002	0.01	2.57	1	4.6	14.2	0.80	0.11	16.2	0.268	0.46	4.9	76
286959		2.7	94.5	<0.002	0.01	1.51	7	3.1	20.3	0.53	0.09	14.4	0.169	0.32	3.6	71
286960		3.6	223.0	<0.002	0.03	2.21	5	3.6	34.4	0.70	0.09	14.1	0.202	0.38	3.3	61
286961		20.3	151.5	0.003	0.04	4.47	5	3.9	23.0	0.82	<0.05	13.5	0.202	0.41	148.5	65
286963		1.9	211.0	<0.002	0.04	3.36	9	4.2	45.4	0.50	0.05	13.7	0.157	0.40	4.3	60
286964		9.4	111.0	<0.002	0.07	2.28	6	4.5	48.4	0.23	0.74	9.0	0.078	0.26	4.9	60
286965		2.9	189.5	0.008	0.86	1.79	7	5.9	22.3	0.49	6.30	17.1	0.153	0.40	31.3	88
286966		10.4	61.4	<0.002	0.45	0.65	4	1.3	11.3	0.48	0.13	9.7	0.118	0.26	2.6	19

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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700 - 700 PENDER ST.
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Finalized Date: 29-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS EL06083231

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-AA62	Pb-AA62
	Analyte	W	Y	Zn	Zr	Cu	Pb
	Units	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	0.1	2	0.5	0.01	0.01
286489		2.0	15.0	40	52.3		
286490		2.4	3.7	24	8.6		
286491		0.7	16.7	480	39.5		1.72
286492		5.0	18.9	16	79.0		
286493		4.4	14.1	21	59.9		
286852		1.7	15.4	22	200.0		
286853		2.9	13.9	7	45.4		
286854		4.7	15.6	<2	49.3		
286962		31.5	65.9	33	67.7		
286494		6.3	29.6	10	97.4		
286495		6.1	24.8	14	104.0		
286496		18.6	15.3	14	23.7		
286497		63.3	144.0	198	112.0		
286498		8.1	15.4	12	97.7		
286499		7.2	16.0	20	19.6		
286500		1.4	3.0	30	15.5	1.82	
286167		6.7	3.9	4	18.3		
286168		3.3	7.8	38	41.8		
286913		2.9	18.3	43	49.8		
286914		2.7	12.9	89	129.0		
286915		0.8	24.4	33	159.0		
286916		1.9	8.2	22	68.1		
286917		3.5	13.6	14	88.6		
286918		6.4	13.5	22	84.3		
286959		4.8	15.2	5	77.9		
286960		5.1	15.3	8	78.3		
286961		5.8	34.7	19	109.5		
286963		5.9	17.2	4	72.1		
286964		6.3	14.1	8	46.0		
286965		6.1	15.8	40	85.3	1.59	
286966		1.1	5.7	42	43.9		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 29-SEP-2006
Account: EIA

CERTIFICATE EL06083230

Project: Werneckes

P.O. No.: FRG06-01

This report is for 40 Rock samples submitted to our lab in Vancouver, BC, Canada on 4-AUG-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL	ROBIN BLACK	DAVID C
I DUNLOP	SCOTT HEFFERNAN	RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA62	Ore grade Cu - four acid / AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	47 element four acid ICP-MS	

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim 'or deposit has been determined based on the results of assays of multiple samples of geological materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project.

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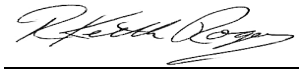
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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CERTIFICATE OF ANALYSIS EL06083230

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
286481		1.54	0.040	0.18	4.00	29.6	670	1.25	0.26	4.67	<0.02	33.80	222.0	29	2.05	2760.0
286483		1.09	0.158	0.79	6.12	3.9	1380	1.62	2.87	4.75	<0.02	241.00	46.8	31	3.02	>10000
286484		1.73	<0.005	0.83	3.95	14.7	220	1.00	0.10	0.28	<0.02	60.40	16.9	32	4.49	875.0
286485		0.89	<0.005	0.23	3.36	6.0	760	1.04	0.69	2.68	0.08	36.10	8.0	26	2.23	71.6
286486		0.37	0.012	3.31	4.12	2890.0	1490	0.80	4.05	5.12	0.16	94.80	985.0	18	0.98	2650.0
286451		1.43	0.005	0.04	6.57	6.5	750	1.54	0.08	1.74	0.02	44.20	7.0	62	1.15	18.5
286488		0.08	0.860	38.30	4.73	1165.0	540	0.70	31.20	6.93	0.28	28.10	40.4	292	1.17	4730.0
286462		2.41	<0.005	0.23	1.13	8	740	0.16	0.12	10.90	0.04	9.41	3.9	8	0.38	3990.0
286463		1.68	0.008	0.08	2.02	10.5	340	0.60	2.48	0.18	<0.02	15.65	298.0	16	1.30	22.3
286464		1.36	0.022	0.04	8.43	41.4	950	2.92	0.55	0.13	<0.02	226.00	54.1	50	2.93	20.9
286465		1.74	<0.005	<0.01	8.57	1.8	400	1.26	0.07	2.42	<0.02	15.30	18.8	52	0.45	23.8
286466		0.43	0.010	0.21	8.66	8.7	370	6.28	0.72	0.27	0.03	96.90	58.2	49	2.86	3220.0
286467		1.32	0.005	0.15	7.78	17.3	80	2.51	0.51	0.26	0.02	106.00	40.9	11	0.24	47.0
286468		0.28	<0.005	0.02	0.30	<5	20	0.26	0.08	14.55	0.02	5.00	2.8	3	0.18	113.0
286469		0.31	0.074	2.03	7.71	4.4	510	1.30	2.22	0.16	0.02	22.70	63.1	60	1.28	>10000
286470		2.06	0.008	0.09	6.60	1.4	360	0.94	0.15	0.58	0.03	59.40	33.7	41	0.58	1630.0
286471		0.57	0.040	0.22	6.62	5.4	780	0.31	0.72	1.11	0.04	14.70	19.7	36	0.60	7310.0
286472		1.00	0.016	0.25	7.25	2.7	1350	1.19	1.42	1.29	<0.02	156.50	22.0	48	2.09	7970.0
286473		0.39	0.007	0.43	8.35	2.8	430	1.74	1.05	0.12	<0.02	3.06	37.9	91	1.80	6510.0
286474		0.39	0.016	0.10	9.64	5.7	130	1.20	0.36	0.18	<0.02	274.00	13.9	72	0.79	89.3
286475		1.16	0.072	0.38	6.47	231.0	350	2.23	19.55	0.21	<0.02	84.60	374.0	41	2.69	56.3
286476		0.47	<0.005	0.11	7.21	22.2	190	5.78	1.27	0.12	<0.02	80.80	73.8	42	1.40	>10000
286477		2.03	0.035	0.80	6.84	32.6	480	0.81	4.99	4.54	0.02	42.10	603.0	49	1.99	>10000
286711		0.83	<0.005	0.17	7.84	6.3	740	2.29	0.27	1.77	0.02	110.50	12.0	49	3.10	323.0
286712		1.68	0.006	3.51	7.78	3.6	200	2.98	0.20	4.27	0.03	31.70	8.1	21	1.16	3310.0
286713		0.48	<0.005	0.15	5.18	<5	270	1.34	0.21	17.85	<0.02	51.80	14.9	25	3.27	137.0
286714		1.01	0.010	0.23	4.04	81	250	0.99	6.79	12.55	<0.02	67.70	47.6	17	2.51	47.2
286715		1.05	0.012	0.11	6.73	6.4	470	1.83	0.24	3.92	<0.02	113.00	19.9	38	2.03	294.0
286716		1.17	0.011	0.13	7.06	5.2	9140	1.68	0.16	4.28	<0.02	97.30	27.0	38	1.62	1030.0
286717		1.29	0.011	0.09	6.59	2.3	350	1.43	0.17	3.68	<0.02	10.65	25.8	417	0.51	1860.0
286718		0.71	<0.005	0.29	8.23	211.0	480	5.05	0.86	5.90	0.04	78.90	41.9	41	5.18	515.0
286719		0.43	0.031	0.34	1.33	4.2	30	0.48	5.55	6.76	0.22	343.00	47.5	15	2.71	8450.0
286720		0.64	<0.005	0.14	6.89	6.9	690	4.26	0.44	5.17	0.03	44.80	20.4	50	0.31	1940.0
286721		0.68	0.491	1.31	6.66	16.2	430	1.46	87.20	3.78	0.03	9.20	119.5	35	0.72	>10000
286722		0.78	<0.005	0.09	4.96	5.4	330	0.19	0.70	9.27	<0.02	14.50	18.9	20	0.46	5300.0
286723		1.82	0.010	0.17	1.65	52.0	20	0.57	1.34	1.77	0.07	22.70	20.7	18	0.71	3450.0
286724		0.77	0.289	1.39	5.74	13.2	60	0.49	0.55	4.42	0.02	19.05	240.0	40	0.34	>10000
286725		1.44	0.019	0.26	0.06	55.1	90	0.17	0.86	2.78	<0.02	2.40	659.0	<1	<0.05	6560.0
286726		0.96	0.007	1.43	5.05	715.0	120	1.21	2.96	3.71	0.54	179.00	691.0	23	1.22	240.0
286727		0.95	0.211	0.91	4.19	645.0	140	2.75	9.25	0.12	<0.02	30.70	972.0	30	0.90	145.0

Comments: Interference: Samples with Molybdenum >300ppm will cause a low bias on Cadmium-MS61<1ppm.0 Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61.

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Finalized Date: 29-SEP-2006
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CERTIFICATE OF ANALYSIS EL06083230

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
286481		3.28	10.10	0.18	1.3	0.134	1.88	17.3	5.7	2.52	1905	23.90	0.08	3.3	22.0	290
286483		8.84	21.80	0.50	1.7	0.158	2.76	156.0	76.7	5.97	2320	157.50	0.56	6.5	86.8	1010
286484		2.14	9.72	0.16	1.3	0.074	1.76	27.6	21.4	0.85	163	0.89	0.03	4.6	18.6	240
286485		2.72	8.60	0.15	1.6	0.054	1.61	16.5	25.1	1.82	3070	0.90	0.05	4.9	13.1	250
286486		3.94	11.50	0.48	2.1	0.099	3.77	25.4	14.5	2.81	3220	35.80	0.04	4.9	115.0	380
286451		2.34	13.25	0.14	1.8	0.022	1.61	23.3	17.2	0.77	622	0.73	3.07	4.9	19.6	650
286488		4.49	12.90	0.73	0.8	0.243	1.48	19.8	12.2	0.87	1810	739.00	0.67	1.8	20.1	580
286462		1.99	1.96	0.10	0.5	0.086	0.22	3.7	7.4	5.26	1210	1.99	0.02	1.6	4.0	100
286463		44.90	9.91	0.69	0.3	0.031	0.62	7.2	15.5	0.63	742	14.90	0.04	2.3	50.8	450
286464		9.71	26.20	0.47	3.0	0.074	3.35	117.0	48.1	1.85	484	0.66	0.12	4.7	80.3	450
286465		4.31	22.00	0.15	1.7	0.013	0.18	8.0	9.3	0.81	1490	7.14	6.19	3.0	9.8	610
286466		5.41	26.20	0.34	2.8	0.137	2.17	51.0	52.2	2.55	1025	2.79	1.57	7.0	62.2	690
286467		0.97	16.75	0.26	2.2	0.016	0.08	52.2	3.7	0.13	71	11.75	7.67	22.0	7.7	220
286468		2.27	1.19	0.08	0.1	0.053	0.13	1.9	5.1	8.04	3020	0.50	0.03	0.5	<0.2	60
286469		11.20	23.20	0.34	1.2	0.616	3.24	12.0	73.8	6.81	636	2.73	0.08	5.8	104.0	390
286470		4.74	15.05	0.21	1.9	0.045	1.18	33.1	66.3	4.69	581	3.20	1.55	7.6	52.1	140
286471		6.86	16.05	0.21	1.9	0.066	5.97	7.7	21.4	1.62	798	25.90	0.09	7.2	32.2	690
286472		7.51	26.90	0.37	1.9	0.086	6.49	98.4	41.3	2.74	866	1.49	0.08	7.1	45.4	740
286473		9.73	23.80	0.24	1.0	0.087	3.71	1.8	81.5	4.19	579	1.03	0.20	9.2	86.7	510
286474		9.85	34.90	0.67	2.2	0.029	0.67	142.5	194.0	8.55	810	30.40	0.04	10.2	42.6	990
286475		4.61	22.00	0.22	1.9	0.062	2.89	48.6	48.8	1.59	133	2.65	0.08	5.8	59.2	1070
286476		4.83	21.90	0.44	1.7	0.063	1.85	47.1	78.9	3.05	303	5.47	0.04	5.5	102.0	1140
286477		11.80	18.80	0.34	1.3	0.537	5.35	22.6	27.1	0.59	4440	12.45	0.06	4.3	30.2	830
286711		5.45	22.90	0.28	1.4	0.061	3.31	60.2	80.6	1.67	818	0.92	0.75	14.8	37.6	650
286712		3.43	11.50	0.17	0.7	0.330	2.04	13.8	20.0	0.48	459	0.43	4.10	7.5	45.9	360
286713		3.84	13.90	0.16	1.5	0.048	1.71	25.8	38.8	0.81	2420	8.05	0.82	8.0	20.3	880
286714		10.30	10.30	0.30	0.7	0.028	1.31	34.9	32.1	0.76	1280	12.75	0.95	6.2	39.7	1570
286715		5.69	18.65	0.26	1.6	0.087	4.97	70.6	17.5	1.79	2240	1.55	0.70	5.5	22.7	650
286716		4.54	19.35	0.23	2.0	0.095	5.63	65.1	23.5	2.06	2700	4.40	0.72	4.7	21.5	640
286717		6.72	13.55	0.18	0.7	0.083	3.99	5.3	15.3	2.83	2420	6.79	1.34	4.4	161.0	500
286718		3.55	24.20	0.22	0.5	0.272	3.41	40.4	71.7	0.83	1065	1.31	1.03	12.6	29.0	700
286719		2.27	6.81	0.47	0.2	0.140	0.11	166.5	7.4	0.14	2400	0.54	0.21	2.0	5.6	160
286720		9.04	17.45	0.28	1.8	0.068	6.36	22.9	20.9	1.06	2570	1.17	0.07	10.1	27.3	680
286721		8.25	24.10	0.27	0.5	0.654	3.64	4.4	59.2	4.03	2120	1.19	0.05	2.9	53.7	410
286722		5.58	10.05	0.16	0.7	0.230	5.93	6.9	5.5	4.35	7900	0.33	0.05	3.0	17.5	450
286723		1.29	5.53	<0.05	0.8	0.108	0.42	12.1	10.4	1.42	1225	0.39	0.05	1.6	45.2	230
286724		5.77	13.35	0.16	1.4	0.200	0.39	12.0	2.8	2.18	1630	50.20	3.94	4.3	39.6	900
286725		31.40	2.72	0.56	<0.1	0.090	0.01	1.2	0.3	1.12	1260	47.70	0.01	0.2	47.5	10
286726		16.00	17.60	0.52	1.3	0.159	1.62	124.5	29.9	1.45	4830	17.90	0.05	11.1	197.0	1990
286727		15.80	10.50	0.61	1.4	0.473	2.24	18.2	9.4	0.38	2640	1085.00	0.04	3.2	258.0	530

Comments: Interference: Samples with Molybdenum >300ppm will cause a low bias on Cadmium-MS61<1ppm.0 Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 29-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS EL06083230

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
286481		2.4	123.5	<0.002	0.77	1.21	12	1.2	32.1	0.23	0.26	9.3	0.104	0.35	16.5	39
286483		2.2	86.4	0.114	1.44	0.99	16	3.9	33.7	0.39	0.69	13.4	0.162	0.15	48.3	91
286484		5.2	84.3	<0.002	0.06	0.51	1	1.1	14.3	0.33	<0.05	7.1	0.122	0.33	1.6	33
286485		8.0	66.8	<0.002	0.03	0.99	1	1.0	16.8	0.33	0.13	5.8	0.111	0.21	1.1	21
286486		113.0	96.3	0.006	0.15	27.10	24	1.9	1180.0	0.46	0.16	7.3	0.106	0.59	324.0	82
286451		2.5	86.2	<0.002	0.01	0.58	2	1.6	129.0	0.39	<0.05	14.5	0.185	0.18	2.6	39
286488		72.8	34.5	0.077	0.75	84.20	15	11.5	298.0	0.11	3.49	1.9	0.120	0.24	3.1	61
286462		2.1	9.9	<0.002	0.38	1.95	5	0.3	2220.0	0.10	0.08	0.7	0.067	0.06	0.7	19
286463		2.7	49.2	0.002	0.14	2.07	3	9.7	13.2	0.12	0.19	10.1	0.043	0.08	23.2	49
286464		2.8	183.0	<0.002	0.70	1.21	16	3.6	17.3	0.31	0.44	19.6	0.104	0.39	8.1	71
286465		4.5	10.4	0.002	0.09	0.60	1	0.6	63.7	0.28	<0.05	16.2	0.058	0.06	10.0	70
286466		6.2	139.0	0.004	0.31	1.45	6	2.6	47.4	0.52	0.26	19.0	0.200	0.47	14.4	64
286467		101.0	5.9	0.008	0.14	4.79	5	0.9	56.3	2.06	0.26	139.5	0.172	0.03	>500	9
286468		2.1	5.9	<0.002	0.02	0.21	3	<0.2	21.8	<0.05	<0.05	1.0	0.011	0.03	3.5	4
286469		12.1	65.2	0.007	1.57	3.06	19	1.1	7.2	0.40	0.13	2.5	0.603	0.22	3.7	258
286470		2.4	25.0	<0.002	0.15	0.99	8	1.2	18.1	0.80	0.05	11.5	0.287	0.08	3.7	108
286471		9.3	81.0	<0.002	0.49	1.66	14	2.8	13.7	0.64	0.10	14.7	0.188	0.32	12.6	81
286472		4.8	107.5	0.002	0.47	1.47	4	2.9	15.8	0.64	0.07	17.0	0.228	0.32	15.6	73
286473		2.2	142.0	<0.002	0.26	2.44	1	1.1	10.9	0.60	0.14	2.2	0.958	0.46	2.4	278
286474		11.3	34.3	<0.002	0.01	1.67	2	1.6	5.0	0.81	0.05	65.6	0.234	0.07	275.0	127
286475		5.4	177.0	0.002	3.69	3.17	5	6.2	7.0	0.47	0.39	13.3	0.159	0.27	8.1	73
286476		2.4	114.0	<0.002	1.45	2.99	16	16.0	3.6	0.45	0.14	13.7	0.146	0.20	18.6	61
286477		5.1	203.0	<0.002	4.21	2.49	7	2.7	17.2	0.35	0.18	17.0	0.204	0.36	6.1	86
286711		5.2	218.0	<0.002	0.19	0.63	1	2.1	43.5	1.23	0.09	18.7	0.344	0.94	4.5	66
286712		3.9	117.0	<0.002	0.29	0.33	1	0.8	34.5	0.66	0.05	6.9	0.184	0.57	1.7	21
286713		4.2	127.0	0.002	1.33	0.61	1	1.7	234.0	0.65	0.05	9.4	0.180	0.94	5.3	42
286714		8.2	91.4	0.003	>10.0	0.94	2	1.0	103.5	0.49	0.12	7.1	0.164	1.83	2.7	30
286715		3.6	203.0	<0.002	0.06	1.24	2	2.8	13.5	0.43	0.13	14.4	0.167	0.36	19.3	62
286716		3.4	195.0	0.003	0.38	1.26	3	3.0	174.0	0.40	0.13	13.6	0.145	0.35	11.7	59
286717		2.1	102.0	<0.002	0.09	1.38	2	1.0	15.5	0.32	0.08	1.6	0.357	0.18	2.3	148
286718		2.1	253.0	<0.002	0.47	1.08	2	2.7	71.8	0.98	<0.05	15.1	0.311	0.80	4.3	68
286719		28.8	18.2	0.002	1.51	0.73	8	0.9	130.0	0.17	0.63	5.2	0.040	0.21	3.2	9
286720		2.0	88.4	0.002	0.15	1.12	<1	2.5	17.6	0.84	0.07	13.4	0.298	0.37	3.1	134
286721		1.6	104.0	0.002	1.66	1.36	28	0.4	12.1	0.23	0.54	1.5	0.222	0.26	0.6	126
286722		2.3	133.0	<0.002	0.69	1.09	2	1.3	23.5	0.31	0.06	8.5	0.095	0.37	3.0	37
286723		3.9	19.8	<0.002	0.10	1.42	4	1.1	12.9	0.14	<0.05	5.7	0.037	0.08	3.6	9
286724		1.1	15.5	0.002	3.60	0.94	27	4.0	23.3	0.29	2.47	3.3	0.115	0.04	15.8	58
286725		1.5	0.4	<0.002	3.34	1.89	11	0.5	8.9	<0.05	0.22	0.2	<0.005	<0.02	5.8	10
286726		133.5	89.0	0.008	>10.0	1.37	10	7.1	16.7	0.39	1.04	11.3	0.109	0.26	8.2	82
286727		13.8	107.0	0.073	>10.0	2.05	21	11.7	5.0	0.18	1.84	12.2	0.075	0.19	23.8	38

Comments: Interference: Samples with Molybdenum >300ppm will cause a low bias on Cadmium-MS61<1ppm.0 Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61.

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Finalized Date: 29-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS EL06083230

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-AA62
	Analyte	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	%
	LOR	0.1	0.1	2	0.5	0.01
286481		2.0	15.3	5	39.0	
286483		6.8	17.3	42	48.2	2.13
286484		0.5	8.7	22	39.6	
286485		0.7	16.2	57	47.4	
286486		8.1	249.0	53	51.0	
286451		2.2	14.7	24	49.4	
286488		14.4	10.5	117	21.8	
286462		0.3	15.5	27	16.0	
286463		31.1	12.6	16	7.5	
286464		2.3	15.0	33	87.5	
286465		2.2	12.8	16	49.8	
286466		2.4	44.3	71	92.1	
286467		4.2	93.1	14	64.9	
286468		0.3	4.7	10	3.3	
286469		1.7	19.2	231	35.9	1.91
286470		2.5	7.0	113	62.5	
286471		3.6	6.4	42	59.3	
286472		3.7	10.5	45	54.4	
286473		3.0	2.5	62	26.9	
286474		9.0	12.6	67	71.1	
286475		5.8	8.4	11	60.5	
286476		3.8	11.9	24	61.1	12.10
286477		3.0	27.1	7	39.9	1.85
286711		1.9	25.6	35	45.5	
286712		0.7	22.3	13	23.0	
286713		1.5	17.0	13	47.2	
286714		0.8	18.6	20	22.1	
286715		5.7	12.7	6	50.5	
286716		5.8	16.9	5	63.4	
286717		5.1	12.1	34	17.5	
286718		2.4	21.4	18	13.8	
286719		0.5	25.4	19	2.8	
286720		2.7	34.9	25	60.3	
286721		1.3	10.1	86	17.0	2.25
286722		1.4	18.4	7	23.5	
286723		0.5	8.8	11	24.7	
286724		16.4	9.8	3	43.3	2.68
286725		12.5	3.0	<2	0.5	
286726		9.4	13.4	259	38.6	
286727		9.1	6.5	5	39.8	

Comments: Interference: Samples with Molybdenum >300ppm will cause a low bias on Cadmium-MS61<1ppm.0 Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61.

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Finalized Date: 4-OCT-2006
Account: EIA

CERTIFICATE EL06080999

Project: Werneckes

P.O. No.: FRG06-01

This report is for 46 Rock samples submitted to our lab in Vancouver, BC, Canada on 4-AUG-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA62	Ore grade Cu - four acid / AAS	AAS
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	47 element four acid ICP-MS	

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim 'or deposit has been determined based on the results of assays of multiple samples of geological materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project.

To: **EQUITY ENGINEERING LTD.**
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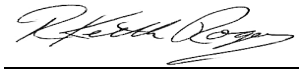
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 4-OCT-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS EL06080999

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
286089		1.02	<0.005		0.20	4.58	2.8	170	2.03	0.21	0.23	0.04	65.70	11.3	23	2.15
286149		1.62	<0.005		0.04	6.24	4.4	2140	0.57	0.11	4.78	0.03	33.30	40.1	20	1.19
286150		3.34	<0.005		0.03	0.95	1.7	50	0.32	0.02	2.35	<0.02	11.20	0.8	13	0.47
286951		2.61	0.007		0.04	7.40	199.5	260	0.97	3.03	0.05	<0.02	226.00	177.0	202	0.70
286952		1.83	0.053		0.19	8.16	96.6	520	3.53	9.59	0.18	<0.02	79.60	54.8	61	3.77
286953		1.44	0.053		0.16	5.44	255.0	190	1.54	4.14	0.09	<0.02	68.20	267.0	32	1.53
286954		1.46	0.006		<0.01	8.21	4.0	400	3.34	0.08	3.44	<0.02	84.50	10.6	63	1.90
286955		1.08	0.022		0.13	7.54	90.2	1430	3.39	1.76	3.89	<0.02	60.30	132.0	45	2.07
286956		7.44	0.086		0.30	3.22	10.9	670	1.62	0.76	5.32	<0.02	61.30	26.5	20	1.40
286957		2.24	0.013		0.24	4.62	66.3	620	0.68	1.25	3.91	<0.02	52.30	798.0	22	1.55
286958		2.30	0.012		0.21	6.45	106.5	630	0.52	0.17	4.93	<0.02	68.80	72.3	28	1.00
286090		1.18	0.008		0.27	3.12	28.2	60	0.75	1.88	0.07	0.02	91.70	251.0	20	0.93
286091		1.06	0.015		0.14	2.38	1.9	80	0.56	0.26	0.10	0.03	58.20	16.0	21	1.31
286092		1.37	0.019		0.08	7.82	2.5	710	1.32	0.53	1.97	<0.02	9.35	25.6	40	3.36
286093		1.60	0.016		0.05	7.24	2.5	1100	0.26	0.23	2.62	<0.02	7.14	25.7	39	0.47
286094		1.78	0.037		0.08	7.58	2.1	1150	0.64	0.43	1.74	<0.02	16.75	29.0	41	1.62
286095		1.46	0.007		<0.01	8.53	4.3	210	2.11	0.45	0.68	<0.02	56.80	27.8	45	1.52
286096		0.91	0.015		0.54	2.19	80.8	60	4.24	11.20	0.06	0.02	66.90	30.4	23	0.35
286097		1.02	1.485	1.53	30.20	2.45	1055.0	90	0.65	35.00	0.84	0.14	59.00	280.0	19	1.38
286098		1.33	0.125		71.50	1.17	3380.0	20	0.35	32.40	0.04	0.07	33.50	1265.0	7	0.91
286099		1.49	2.53	2.45	62.50	0.07	1755.0	20	0.06	47.20	1.95	0.11	1.95	422.0	1	0.25
286100		1.08	3.68	4.12	26.00	0.05	9550	20	0.17	37.90	13.10	0.12	4.85	6960.0	9	0.24
286351		1.41	0.888		>100	0.18	266.0	10	0.07	69.50	0.74	0.17	5.19	212.0	<1	0.20
286352		1.29	0.850		51.60	0.51	59.9	20	<0.05	5.65	0.22	0.15	9.17	132.5	<1	0.35
286504		0.64	0.036		0.52	1.31	99.0	60	0.63	2.13	0.13	0.04	116.50	37.1	26	0.51
286505		0.82	0.007		1.65	3.43	13.0	270	0.59	2.04	0.18	<0.02	56.40	11.0	40	2.53
286506		1.13	0.008		0.23	4.38	2.5	120	0.99	0.42	1.37	0.03	>500	47.8	28	1.11
286253		1.29	0.216		0.18	6.66	4.1	270	0.86	0.73	0.05	<0.02	117.50	26.8	32	4.18
286254		1.10	<0.005		0.53	7.27	3.2	30	1.73	0.64	5.30	0.03	368.00	26.9	17	0.30
286159		1.11	0.005		0.22	0.22	321	10	0.24	2.69	12.55	<0.02	71.90	168.0	1	0.16
286160		1.73	0.012		0.24	5.65	85.0	150	0.45	1.49	4.32	<0.02	78.20	77.7	30	0.44
286161		1.34	0.056		0.64	7.39	244.0	10	0.54	0.49	4.39	<0.02	460.00	124.0	37	0.12
286162		1.46	0.018		0.15	7.17	37.6	910	2.61	0.59	6.79	0.02	131.50	13.1	36	7.19
286163		1.46	0.006		0.07	8.20	27.0	260	1.55	2.96	0.22	<0.02	61.20	470.0	41	2.49
286164		0.98	0.007		0.04	4.04	7.7	50	0.35	0.44	2.15	<0.02	44.60	42.4	21	0.25
286165		1.07	0.136		0.07	9.28	49.2	250	0.73	1.41	0.17	<0.02	5.88	32.8	43	0.98
286901		0.81	0.036		0.10	7.00	9.6	1240	0.83	0.62	3.06	<0.02	105.00	82.7	47	1.30
286902		1.52	0.016		0.13	8.31	3.7	790	1.89	0.23	2.23	<0.02	57.40	41.5	53	1.71
286903		0.90	0.005		0.04	8.38	3.7	880	3.86	0.11	0.25	<0.02	67.00	61.3	27	7.16
286904		0.84	0.006		0.12	6.35	8.2	450	0.86	0.12	1.59	0.02	98.70	88.5	59	1.05

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 4-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS EL06080999

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
286089		558.0	2.27	13.85	0.10	0.2	0.054	1.11	33.1	37.0	0.55	172	0.59	0.60	2.1	13.3
286149		298.0	6.46	19.75	0.11	2.2	0.100	0.65	14.5	50.4	4.22	976	0.46	2.10	7.4	37.0
286150		49.4	1.51	2.22	0.05	0.2	0.037	0.44	5.6	2.2	1.20	1250	0.14	0.06	0.4	1.3
286951		84.4	8.61	21.20	0.27	2.5	0.037	1.45	116.5	89.0	4.45	347	9.23	0.05	6.4	148.0
286952		33.4	2.68	29.50	0.13	2.8	0.099	4.19	40.8	63.2	1.99	163	9.86	0.08	7.4	26.6
286953		380.0	7.07	16.55	0.16	1.5	0.059	1.83	39.5	48.3	2.08	171	2.41	0.05	2.4	78.0
286954		29.9	5.24	24.70	0.15	2.0	0.193	4.96	45.7	28.7	2.23	1450	1.27	0.16	9.3	30.0
286955		29.3	6.48	23.50	0.13	1.9	0.162	3.40	39.7	42.1	2.31	2930	26.00	0.10	6.8	56.0
286956		150.0	4.75	9.61	0.10	1.0	0.158	1.18	41.1	11.5	2.05	4790	46.50	0.05	2.0	18.2
286957		50.0	17.00	9.58	0.22	1.6	0.038	4.05	29.3	14.5	1.80	2540	4.25	0.04	6.3	27.7
286958		261.0	2.82	13.00	0.15	2.6	0.055	5.70	39.0	6.5	2.38	2760	4.80	0.05	7.2	16.5
286090		37.2	6.45	8.17	0.13	0.2	0.016	0.43	46.7	42.1	0.85	278	0.56	0.57	1.7	25.3
286091		631.0	1.92	5.34	0.06	0.5	0.011	0.35	32.2	14.2	0.40	183	2.13	0.74	1.9	17.1
286092		5200.0	6.13	18.70	0.10	1.0	0.203	4.88	4.8	51.3	1.68	1335	1.03	0.45	6.0	23.6
286093		1570.0	5.74	14.60	0.09	0.6	0.038	4.50	3.6	3.0	1.04	1410	0.94	2.04	3.7	8.3
286094		4130.0	5.74	16.00	0.12	0.8	0.111	4.41	9.1	22.2	1.04	1080	1.31	0.96	5.7	12.4
286095		1675.0	1.75	16.80	0.09	1.3	0.020	0.57	32.6	20.6	0.34	259	0.69	5.73	9.9	18.5
286096		1590.0	5.01	6.29	0.13	0.3	0.200	0.10	36.9	37.4	0.67	336	1.42	0.32	2.8	23.1
286097		>10000	21.40	6.19	0.26	0.8	7.600	0.75	29.7	49.6	0.66	586	2.17	0.12	1.6	925.0
286098		>10000	19.55	6.06	0.21	0.5	5.870	0.54	13.8	3.2	1.68	3770	0.88	0.02	1.2	462.0
286099		>10000	28.90	1.28	0.26	<0.1	14.800	0.03	0.9	1.5	0.77	1240	2.10	0.03	0.1	937.0
286100		>10000	16.45	0.73	0.48	0.1	4.810	0.01	1.8	1.4	5.42	8560	3.01	0.05	0.2	3320.0
286351		>10000	35.00	1.32	0.64	0.1	6.840	0.06	2.6	1.8	5.34	11800	0.55	0.02	0.2	1800.0
286352		>10000	26.00	2.41	0.69	0.2	14.950	0.19	4.3	3.2	3.09	8110	0.91	0.02	0.5	254.0
286504		801.0	3.88	5.44	0.25	0.1	0.058	0.06	57.9	16.7	0.99	308	1.09	0.07	1.0	50.2
286505		509.0	6.04	9.33	0.19	1.1	0.079	0.79	26.5	26.6	0.74	361	1.67	0.13	0.6	39.4
286506		275.0	7.03	97.80	15.25	1.3	0.137	0.36	>500	48.0	1.12	600	0.35	0.07	0.9	49.5
286253		7270.0	8.58	18.85	0.35	2.1	0.086	0.79	59.8	104.0	1.80	603	6.94	0.23	5.0	80.2
286254		259.0	5.29	20.40	0.55	0.9	0.018	0.09	170.0	4.5	2.44	1410	14.45	5.11	5.9	58.4
286159		6400.0	2.89	1.36	0.18	0.1	0.277	0.09	38.0	1.5	6.76	3030	10.25	0.03	0.1	52.1
286160		6650.0	10.30	13.10	0.29	1.6	0.210	2.70	43.2	15.8	2.60	1840	5.40	1.82	5.7	38.0
286161		>10000	2.58	16.10	0.53	3.4	0.270	0.11	246.0	1.1	1.72	2530	7.60	5.40	12.1	71.2
286162		3480.0	2.52	18.25	0.23	3.7	0.140	2.93	63.4	12.6	3.05	4770	1.17	0.13	11.4	20.9
286163		164.0	7.07	19.65	0.24	1.5	0.027	1.17	28.9	19.7	1.16	191	0.49	3.34	5.3	70.5
286164		62.5	1.52	5.41	0.16	0.5	0.020	0.12	20.9	2.9	0.66	2170	0.79	2.72	1.5	8.1
286165		32.2	6.55	22.40	0.20	3.6	0.057	7.10	2.6	39.4	2.03	380	5.36	0.06	8.9	139.0
286901		476.0	6.00	17.80	0.31	1.4	0.044	6.93	61.1	24.1	2.64	1240	12.20	0.10	9.7	40.3
286902		2320.0	7.64	16.55	0.27	1.9	0.178	4.15	32.0	65.8	5.26	1270	4.75	0.04	6.6	63.8
286903		654.0	10.95	26.90	0.36	2.8	0.119	4.01	38.0	120.0	8.12	435	1.53	0.32	10.4	83.8
286904		2710.0	9.77	22.30	0.35	3.4	0.135	1.54	57.7	66.5	5.84	581	2.55	0.32	9.2	55.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes

CERTIFICATE OF ANALYSIS EL06080999

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
286089		260	5.2	82.7	<0.002	0.06	1.82	2	1.5	57.2	0.20	0.07	4.3	0.068	0.24	3.7
286149		760	9.7	33.7	<0.002	0.32	0.95	<1	1.8	244.0	0.55	<0.05	3.0	1.045	0.14	0.6
286150		300	1.6	20.7	<0.002	<0.01	0.68	1	0.2	9.5	<0.05	<0.05	2.0	0.016	0.03	0.2
286951		480	1.6	65.7	<0.002	3.29	1.57	3	2.4	4.5	0.52	0.27	11.0	0.271	0.09	5.2
286952		1110	3.6	173.0	<0.002	0.41	3.51	1	7.2	7.8	0.65	0.36	11.9	0.220	0.33	8.0
286953		510	1.9	105.5	<0.002	4.67	2.00	6	2.9	5.8	0.21	1.46	11.6	0.086	0.15	6.4
286954		640	1.7	250.0	<0.002	0.02	1.02	<1	4.3	11.6	0.73	<0.05	15.0	0.290	0.28	3.4
286955		590	3.8	228.0	<0.002	1.32	1.10	1	4.3	31.2	0.53	0.09	15.2	0.216	0.21	15.1
286956		300	3.6	69.0	<0.002	0.10	1.15	1	1.0	19.2	0.16	0.05	7.9	0.066	0.15	28.5
286957		640	6.3	86.8	<0.002	2.89	1.57	2	12.8	16.5	0.47	0.18	9.2	0.157	0.27	2.4
286958		640	9.9	137.0	<0.002	0.02	2.41	3	2.7	20.8	0.66	0.07	13.5	0.179	0.38	52.1
286090		190	3.0	33.6	<0.002	3.56	1.46	4	0.7	16.3	0.16	0.32	3.5	0.061	0.09	2.2
286091		150	4.1	22.8	<0.002	0.08	0.99	2	0.6	23.4	0.17	0.07	3.9	0.069	0.10	2.1
286092		670	1.2	224.0	<0.002	0.29	1.20	1	2.3	12.7	0.56	<0.05	16.5	0.175	0.41	4.6
286093		650	1.2	116.0	<0.002	0.22	0.72	1	1.3	22.4	0.39	<0.05	10.2	0.128	0.28	1.1
286094		700	1.7	155.5	<0.002	0.31	0.95	1	1.8	17.7	0.53	0.06	14.8	0.156	0.38	8.7
286095		370	2.2	41.9	<0.002	0.23	1.03	1	1.1	121.5	0.82	0.15	19.3	0.216	0.25	4.4
286096		220	5.9	8.4	<0.002	0.81	4.73	6	0.2	10.6	0.19	1.59	4.0	0.058	0.04	0.8
286097		340	51.2	60.8	<0.002	>10.0	25.70	10	4.1	12.5	0.10	1.29	4.6	0.047	0.30	3.4
286098		70	19.8	28.7	<0.002	7.17	83.40	10	15.7	2.9	0.06	<0.05	2.4	0.026	0.06	0.6
286099		20	22.7	1.8	<0.002	>10.0	15.15	12	8.5	17.7	<0.05	1.30	0.2	<0.005	0.26	0.4
286100		10	35.6	1.2	<0.002	>10.0	20.80	6	0.9	70.7	<0.05	3.59	0.5	<0.005	0.50	1.6
286351		20	29.5	3.3	<0.002	>10.0	525.00	11	3.6	11.1	<0.05	0.10	0.4	<0.005	0.04	0.1
286352		50	6.7	10.2	<0.002	8.64	9.74	16	12.7	4.0	<0.05	0.20	1.2	0.011	0.10	0.8
286504		540	4.0	4.6	<0.002	0.16	1.56	7	0.5	9.2	0.05	2.63	6.8	0.086	0.04	2.1
286505		760	3.0	49.8	<0.002	0.09	8.64	1	1.4	25.7	<0.05	0.48	7.4	0.056	0.24	1.8
286506		150	14.4	28.0	0.016	0.21	0.92	25	1.9	61.4	0.18	0.20	470.0	0.035	0.12	17.9
286253		260	2.7	59.9	0.004	0.36	0.81	10	1.5	68.8	0.39	0.82	18.7	0.105	0.74	15.7
286254		730	7.8	4.3	0.005	2.10	0.74	3	0.8	112.0	0.42	0.20	20.8	0.140	0.06	5.2
286159		50	3.1	4.2	<0.002	0.49	1.28	3	0.2	41.6	<0.05	0.15	2.0	<0.005	0.02	1.1
286160		600	4.5	65.1	<0.002	0.38	1.23	2	1.7	21.4	0.49	0.08	11.6	0.180	0.27	4.1
286161		1380	2.5	3.2	<0.002	0.88	1.14	2	1.3	35.8	0.83	0.50	16.1	0.285	0.03	8.1
286162		630	1.5	158.5	<0.002	0.26	0.71	2	1.7	75.7	0.69	0.12	16.8	0.266	0.55	4.0
286163		430	3.1	69.2	<0.002	4.38	0.49	3	1.5	53.7	0.41	0.75	10.6	0.181	0.19	2.0
286164		2060	3.9	8.8	<0.002	0.29	0.33	2	0.3	31.8	0.12	0.28	6.4	0.043	0.04	0.5
286165		1040	2.8	187.0	<0.002	0.40	1.21	4	1.1	4.2	0.79	1.11	7.8	0.642	0.47	5.3
286901		730	3.2	172.0	<0.002	0.31	1.53	3	2.7	24.1	0.72	0.31	15.4	0.258	0.35	6.6
286902		1050	1.4	154.0	0.002	0.09	1.81	4	2.6	13.7	0.46	0.25	6.2	0.374	0.29	4.9
286903		1110	1.2	175.5	0.002	0.04	1.43	3	3.2	13.2	0.77	0.11	9.6	0.743	0.50	2.9
286904		1280	1.8	47.7	0.002	0.19	1.99	4	2.5	18.7	0.61	0.09	3.7	1.105	0.10	5.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS EL06080999

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-AA62	Ag-GRA21
	Analyte	V	W	Y	Zn	Zr	Cu	Ag
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	1	0.1	0.1	2	0.5	0.01	5
286089		44	0.9	20.8	19	7.7		
286149		382	0.8	24.3	184	70.4		
286150		6	0.3	12.6	8	7.4		
286951		151	6.2	8.7	25	77.6		
286952		102	6.0	8.5	11	85.4		
286953		52	2.1	6.0	13	46.2		
286954		87	7.1	13.6	3	63.9		
286955		74	9.9	15.2	30	58.1		
286956		46	4.2	21.6	20	33.4		
286957		66	42.5	19.6	16	52.2		
286958		49	4.2	33.2	11	82.5		
286090		31	1.8	6.7	27	6.3		
286091		19	1.2	3.2	20	16.6		
286092		52	2.4	13.0	<2	29.7		
286093		54	2.2	11.2	<2	21.4		
286094		49	2.7	11.9	<2	26.3		
286095		33	1.6	11.2	3	42.1		
286096		30	1.9	38.0	57	11.2		
286097		9	0.9	9.6	96	28.0	11.50	
286098		4	0.3	5.0	32	15.6	7.14	
286099		<1	0.1	6.9	80	1.0	24.5	
286100		5	0.1	22.5	29	0.7	7.18	
286351		3	0.1	2.7	61	4.2	3.71	123
286352		<1	0.1	2.3	102	6.0	12.70	
286504		22	4.4	3.6	26	3.9		
286505		57	1.0	5.6	16	31.6		
286506		42	0.9	314.0	154	9.1		
286253		44	0.9	7.1	11	66.5		
286254		33	5.4	15.1	17	23.5		
286159		5	0.1	9.6	<2	1.7		
286160		74	1.3	10.5	28	51.0		
286161		95	31.5	14.1	<2	97.9	0.97	
286162		54	1.3	16.9	16	120.0		
286163		54	1.0	5.2	39	43.5		
286164		13	1.1	7.4	9	15.4		
286165		68	4.3	5.5	39	121.5		
286901		82	4.2	10.6	33	40.8		
286902		255	2.2	12.1	99	60.7		
286903		399	2.8	31.9	170	76.5		
286904		445	2.3	51.6	212	92.2		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 4-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS EL06080999

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
286905		0.98	<0.005		0.02	8.59	5.6	810	1.00	0.07	3.20	<0.02	90.40	7.1	50	1.76
286906		0.59	0.075		0.51	6.72	10.8	460	0.52	1.19	1.62	<0.02	164.50	35.5	56	0.65
286907		0.49	0.027		0.60	3.90	10.5	280	0.32	2.10	0.15	<0.02	10.45	54.8	28	0.36
286908		0.46	0.258		0.61	6.94	3.6	580	1.04	2.92	1.70	<0.02	403.00	27.1	18	1.92
286909		0.27	0.168		1.25	8.03	10.1	1050	2.00	4.75	1.07	<0.02	274.00	262.0	47	2.94
286912		0.66	0.017		0.52	7.69	1.3	30	0.60	0.23	2.89	<0.02	70.60	8.4	46	0.16

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS EL06080999

Sample Description	Method Analyte Units LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
286905		35.1	5.07	22.70	0.30	1.6	0.021	6.33	48.1	30.4	2.38	857	0.83	0.51	10.1	26.1
286906		>10000	12.05	21.50	0.47	1.8	0.103	3.92	90.8	54.2	4.07	1390	13.25	0.18	5.8	79.0
286907		>10000	13.95	9.72	0.30	1.4	0.290	2.65	5.6	24.5	1.52	662	5.56	0.07	4.7	27.8
286908		>10000	12.00	34.50	0.86	2.5	0.297	1.48	231.0	67.5	3.41	1715	15.40	2.04	1.3	90.1
286909		>10000	8.88	23.80	0.55	2.5	0.225	5.33	155.0	43.4	1.33	1070	18.80	0.63	7.1	69.9
286912		7790.0	1.49	21.70	0.17	2.3	0.091	0.18	42.2	2.2	1.39	1255	44.70	6.10	7.2	6.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS EL06080999

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
286905		770	3.2	164.0	<0.002	<0.01	1.91	2	3.4	22.2	0.78	<0.05	16.3	0.253	0.41	25.7
286906		740	2.6	91.5	0.003	1.27	1.24	12	2.3	8.5	0.49	0.21	14.3	0.209	0.30	21.7
286907		560	2.1	85.0	0.002	1.66	1.52	5	2.8	5.9	0.32	0.10	9.7	0.141	0.16	3.4
286908		760	3.0	67.6	0.007	1.75	2.30	23	0.9	36.6	0.10	0.05	5.4	0.282	0.15	5.2
286909		810	3.6	240.0	0.005	2.05	3.48	27	3.3	16.9	0.51	0.48	17.3	0.238	0.46	14.6
286912		730	1.4	4.9	<0.002	0.49	0.71	4	7.8	18.4	0.55	0.15	17.6	0.174	0.03	15.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes

CERTIFICATE OF ANALYSIS EL06080999

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-AA62	Ag-GRA21
	Analyte	V	W	Y	Zn	Zr	Cu	Ag
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	1	0.1	0.1	2	0.5	0.01	5
286905		81	3.0	12.4	19	44.8		
286906		123	4.1	8.6	22	57.1	2.15	
286907		306	5.4	4.4	12	44.3	1.37	
286908		459	0.9	18.4	31	67.7	2.11	
286909		88	4.8	15.4	13	75.4	2.13	
286912		48	19.9	9.7	9	72.1		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 25-AUG-2006
Account: EIA

CERTIFICATE EL06071461

Project: Werneckes

P.O. No.: FRG06-01

This report is for 49 Rock samples submitted to our lab in Vancouver, BC, Canada on 14-JUL-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	47 element four acid ICP-MS	

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim 'or deposit has been determined based on the results of assays of multiple samples of geological materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project.

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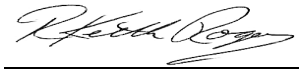
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 25-AUG-2006
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CERTIFICATE OF ANALYSIS EL06071461

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
C286072		1.07	0.009	1.48	0.37	150.5	40	0.13	0.34	2.00	0.04	3.39	14.8	15	0.41	1990.0
C286073		0.96	0.015	1.72	0.22	56.1	30	0.09	1.01	0.27	0.08	3.87	30.3	21	0.26	2730.0
C286074		0.60	<0.005	1.03	0.34	15.2	30	0.15	0.22	2.07	0.02	2.78	1.2	24	0.32	1430.0
C286075		1.04	0.011	0.08	7.53	4.6	20	1.81	0.20	3.64	0.05	142.50	78.0	47	0.12	833.0
C286076		1.62	0.006	0.08	1.47	38.8	20	1.24	0.65	0.42	0.02	52.40	12.8	19	0.45	754.0
C286077		1.59	0.024	0.55	7.67	97.7	240	2.47	4.75	0.16	<0.02	103.00	26.8	54	1.83	6640.0
C286078		1.29	0.030	0.71	6.05	95.5	310	5.77	1.99	0.36	0.03	156.50	23.7	35	1.90	5030.0
C286079		1.03	0.005	0.18	5.00	91.8	350	1.14	1.11	1.37	0.04	115.00	64.6	40	0.68	667.0
C286080		1.03	0.005	2.62	0.83	45.5	120	0.38	14.55	0.05	0.09	2.24	17.9	19	0.68	5440.0
C286081		0.99	0.018	0.20	7.69	80.5	30	0.87	0.34	1.83	0.02	14.45	121.5	9	0.08	2890.0
C286082		1.25	<0.005	0.36	0.41	5.4	140	0.19	0.27	0.99	0.08	3.88	10.1	14	0.30	7020.0
C286083		1.32	<0.005	0.03	4.35	2.3	20	1.64	0.01	0.16	<0.02	109.00	1.3	22	1.24	29.8
C286122		1.54	<0.005	0.42	3.42	6.0	100	0.95	0.10	0.02	0.04	29.40	2.8	29	1.28	259.0
C286123		1.12	<0.005	0.14	5.63	20.6	560	2.51	0.22	0.10	<0.02	82.40	22.4	42	2.64	187.5
C286124		0.86	0.016	0.05	1.95	1.7	200	0.34	0.01	0.78	0.04	15.75	6.1	129	0.44	21.6
C286125		0.57	<0.005	0.89	8.13	1.3	1170	3.69	0.47	1.55	0.03	75.20	15.0	51	8.23	14.0
C286501		0.69	<0.005	0.08	6.11	2.6	70	0.78	0.44	0.12	<0.02	58.50	32.2	45	0.99	24.3
C286502		0.69	<0.005	0.03	1.56	<5	80	0.93	<0.01	23.60	0.17	49.10	4.4	2	1.39	5.1
C286503		0.06	0.928	37.50	4.36	1325.0	490	0.32	14.75	6.45	<0.02	11.35	21.1	279	0.52	4460.0
C286126		1.92	0.036	0.10	8.02	1.7	110	0.99	0.22	5.19	0.07	18.10	102.0	64	2.09	2550.0
C286127		2.49	0.023	0.10	4.67	0.4	100	0.27	0.11	4.60	<0.02	1.68	12.8	39	0.34	2760.0
C286128		1.31	<0.005	0.03	6.49	<0.2	30	1.30	0.05	3.85	<0.02	30.30	6.0	32	0.09	30.6
C286129		1.93	<0.005	0.02	8.16	0.6	50	1.37	<0.01	2.63	<0.02	26.70	12.0	62	0.53	25.0
C286130		1.35	0.012	0.17	6.88	20.9	140	1.46	0.06	4.94	0.08	40.80	134.0	9	0.86	826.0
C286131		3.04	<0.005	<0.01	8.00	<0.2	50	0.94	<0.01	5.63	<0.02	82.50	11.5	39	0.40	7.0
C286132		2.30	0.079	0.17	7.14	5.1	60	1.67	0.03	4.32	<0.02	58.40	119.0	55	1.07	7670.0
C286133		1.52	<0.005	0.02	8.31	3.5	720	5.52	0.20	1.08	<0.02	26.80	37.3	62	5.58	65.3
C286134		1.67	<0.005	0.09	3.33	<5	230	0.42	0.06	16.15	0.03	29.50	7.4	15	0.61	3290.0
C286135		1.81	<0.005	0.02	6.93	1.0	180	1.73	0.01	3.80	0.02	53.90	8.8	47	0.51	35.7
C286136		1.21	<0.005	<0.01	7.59	<0.2	270	1.05	0.04	6.24	0.02	3.06	18.7	21	1.36	6.3
C286137		1.69	<0.005	<0.01	3.55	<0.2	370	0.14	<0.01	7.83	<0.02	3.93	1.2	34	0.25	6.2
C286138		0.85	<0.005	0.02	6.61	5.0	90	0.63	0.67	2.97	0.02	6.66	54.4	16	0.57	5.4
C286026		1.17	<0.005	0.17	6.93	9.8	1510	2.67	0.21	0.22	<0.02	43.50	6.9	32	2.45	32.2
C286027		1.08	<0.005	0.56	6.79	5.0	2660	6.75	1.16	0.26	0.03	18.30	7.3	14	2.88	81.6
C286028		0.88	<0.005	0.05	4.36	2.8	240	1.49	0.11	0.21	0.07	50.70	2.4	39	4.64	7.6
C286029		0.84	0.006	0.15	8.19	8.4	460	3.46	0.23	0.10	0.02	79.40	3.2	62	9.99	31.5
C286030		1.05	<0.005	0.61	7.33	17.5	370	3.10	0.49	0.24	0.06	77.30	3.4	62	5.95	24.5
C286031		1.18	0.009	0.19	4.41	11.0	2180	1.46	0.13	2.35	<0.02	57.40	11.8	38	3.76	1955.0
C286032		0.51	0.010	0.04	4.69	4.8	1210	1.39	0.03	2.23	<0.02	43.00	13.3	33	5.86	43.5
C286033		0.80	0.007	0.14	6.58	20.8	5980	0.73	0.21	5.71	0.03	87.10	25.1	41	1.47	1575.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 25-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS EL06071461

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C286072		1.54	1.20	<0.05	0.2	0.123	0.16	1.5	2.9	0.73	1550	0.35	0.03	0.4	5.6	50
C286073		0.89	0.76	<0.05	0.2	0.083	0.09	1.6	3.1	0.11	429	0.58	0.02	0.5	29.1	20
C286074		1.32	1.03	0.05	0.1	0.086	0.16	1.1	3.4	0.81	1275	0.29	0.02	0.4	2.5	30
C286075		6.43	20.10	0.16	1.4	0.027	0.08	76.3	1.2	1.55	1995	0.41	5.75	5.6	23.1	670
C286076		2.80	4.40	0.08	0.2	0.139	0.02	27.2	18.3	0.50	409	1.90	0.46	1.0	16.2	150
C286077		8.20	17.10	0.17	1.3	0.716	0.67	55.1	58.1	1.36	649	1.50	1.91	5.3	59.9	470
C286078		5.80	12.80	0.17	0.6	0.326	0.62	83.8	41.5	0.97	430	1.65	1.60	21.5	49.3	1190
C286079		1.54	9.96	0.10	1.3	0.070	0.94	62.9	19.4	0.44	1080	0.74	2.07	5.6	36.0	950
C286080		1.58	2.36	0.07	0.3	0.108	0.22	1.2	41.9	0.10	183	1.86	0.05	0.8	9.3	40
C286081		1.66	6.67	0.07	2.4	0.095	0.06	7.5	2.2	0.30	1625	0.42	6.30	7.7	34.2	20
C286082		1.36	0.87	<0.05	0.2	0.121	0.08	1.9	26.0	0.26	962	0.54	0.12	0.3	6.8	70
C286083		13.95	13.35	0.24	0.8	<0.005	0.03	60.3	57.7	4.21	112	0.43	0.04	1.4	6.6	790
C286122		4.87	10.30	0.09	1.2	0.429	0.45	14.9	47.5	1.46	286	1.50	0.12	2.6	44.6	140
C286123		4.17	15.15	0.14	1.6	0.022	1.73	49.4	97.0	2.45	148	3.03	0.17	7.9	39.6	750
C286124		2.70	4.86	0.08	0.6	0.006	0.36	8.0	9.1	0.58	279	0.45	0.35	2.2	13.7	160
C286125		3.22	20.00	0.15	1.9	0.034	2.88	36.7	73.7	1.17	998	0.40	2.25	12.1	28.4	690
C286501		11.90	16.30	0.18	1.9	0.032	0.26	28.8	92.0	2.21	1255	0.41	0.04	2.8	35.9	310
C286502		0.83	3.49	0.06	1.9	0.033	0.37	26.5	6.9	0.23	2050	0.32	0.22	2.3	0.9	40
C286503		4.10	6.02	<0.05	0.4	0.090	1.37	8.5	6.3	0.82	1730	693.00	0.66	0.8	9.5	570
C286126		6.51	19.20	0.10	0.7	0.088	1.07	8.6	46.3	4.67	830	5.84	2.28	7.4	109.0	460
C286127		4.65	3.67	<0.05	0.1	0.032	0.22	0.8	5.3	1.82	845	0.33	1.48	1.8	18.7	410
C286128		1.10	20.20	0.06	2.4	0.015	0.04	26.4	1.5	1.86	1055	0.33	6.10	5.3	3.6	40
C286129		8.62	23.60	0.14	2.9	<0.005	0.06	13.0	12.3	1.54	611	1.25	5.63	2.2	35.0	1160
C286130		12.40	22.50	0.19	1.4	0.191	0.40	17.1	7.9	3.19	613	0.50	3.23	13.2	42.9	850
C286131		2.20	15.30	0.12	2.7	0.014	0.12	48.3	3.4	2.98	1275	0.34	5.76	2.6	12.6	110
C286132		13.20	21.60	0.26	1.2	0.468	0.40	30.7	27.7	3.38	687	3.99	2.29	8.2	84.9	480
C286133		3.22	23.40	0.12	3.3	0.041	3.85	13.6	20.6	1.23	361	0.90	1.62	5.6	44.9	740
C286134		0.54	6.98	0.05	1.2	0.106	0.39	11.6	2.7	0.16	1295	0.91	1.88	1.6	3.1	350
C286135		4.24	21.30	0.10	1.1	0.012	0.33	25.7	2.9	1.47	1520	0.14	5.63	6.6	17.6	690
C286136		3.79	14.25	0.08	1.4	0.048	1.27	1.3	40.4	1.45	2020	1.06	2.59	0.8	33.8	800
C286137		1.21	1.41	<0.05	0.2	<0.005	1.42	1.8	0.8	0.34	1615	0.14	0.14	0.6	2.2	1200
C286138		9.16	13.45	0.18	1.2	0.014	0.35	3.1	61.1	1.92	1455	5.64	2.55	1.3	45.3	670
C286026		2.71	12.35	0.11	1.5	0.032	4.28	20.7	42.9	1.04	427	2.01	0.80	13.3	7.8	400
C286027		4.31	7.13	0.14	0.6	0.016	5.15	9.1	29.0	0.61	390	2.00	0.23	12.3	7.9	440
C286028		1.84	11.90	0.09	1.7	0.028	1.27	26.0	38.9	0.60	316	0.73	0.55	9.0	5.8	630
C286029		3.60	23.80	0.15	2.7	0.056	2.28	44.1	62.6	0.97	395	1.77	0.78	9.6	13.1	400
C286030		3.93	21.40	0.14	2.1	0.054	1.79	39.9	74.9	1.71	859	6.52	1.45	9.3	8.9	370
C286031		4.07	13.85	0.13	1.4	0.075	2.08	31.7	23.3	1.05	2460	0.74	0.20	3.2	15.0	430
C286032		5.07	17.65	0.10	1.5	0.080	2.32	23.0	18.4	0.69	3370	1.15	0.05	1.8	27.1	690
C286033		6.76	11.85	0.16	1.5	0.018	3.80	52.9	24.2	1.83	1445	0.97	0.18	3.3	17.0	750

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 25-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS EL06071461

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
C286072		4.9	9.6	<0.002	0.33	0.72	<1	0.3	15.3	<0.05	<0.05	0.7	0.010	0.07	0.5	3
C286073		4.9	5.6	<0.002	0.11	1.04	<1	0.2	5.8	<0.05	<0.05	0.8	0.008	0.04	3.2	1
C286074		1.6	9.8	<0.002	0.18	0.74	<1	0.3	12.7	<0.05	<0.05	0.3	0.008	0.04	0.4	2
C286075		2.7	3.0	<0.002	0.29	0.94	<1	2.2	24.2	0.55	0.10	14.8	0.171	0.03	1.9	68
C286076		5.7	1.5	<0.002	0.07	0.57	<1	0.4	14.2	0.08	0.12	3.8	0.033	0.03	0.9	15
C286077		8.7	59.4	<0.002	0.73	0.81	3	1.1	49.6	0.44	1.37	11.7	0.126	0.23	2.0	63
C286078		8.5	54.2	<0.002	0.63	0.89	3	1.3	54.1	1.43	0.45	34.2	0.097	0.23	12.6	33
C286079		8.3	42.0	<0.002	0.14	1.18	<1	1.0	14.9	0.42	0.05	7.8	0.177	0.12	1.3	35
C286080		47.6	14.1	<0.002	0.29	36.50	<1	0.7	13.2	0.05	<0.05	1.2	0.028	0.53	8.0	9
C286081		7.2	1.5	<0.002	0.82	1.04	<1	0.2	42.6	0.56	<0.05	3.4	0.290	0.02	1.5	3
C286082		27.5	4.5	0.002	0.39	1.13	2	0.3	15.6	<0.05	<0.05	1.3	0.011	0.05	2.4	2
C286083		1.8	1.5	0.002	<0.01	0.66	2	1.0	4.6	0.24	<0.05	12.0	0.077	<0.02	1.7	65
C286122		68.6	30.7	<0.002	0.02	1.92	2	0.8	10.2	0.22	<0.05	6.9	0.072	0.17	1.4	29
C286123		6.1	81.2	<0.002	0.09	5.35	<1	2.9	5.8	0.59	0.07	12.9	0.172	0.16	4.4	49
C286124		3.6	12.4	<0.002	<0.01	0.54	2	0.6	74.6	0.20	<0.05	2.1	0.170	0.07	0.6	58
C286125		15.3	200.0	<0.002	<0.01	0.86	<1	2.3	228.0	0.99	0.14	17.2	0.302	0.94	3.2	57
C286501		4.7	16.1	<0.002	0.17	1.00	1	0.6	6.6	0.26	<0.05	9.1	0.076	0.08	1.9	48
C286502		3.5	32.0	<0.002	<0.01	0.41	3	0.5	712.0	0.20	<0.05	6.3	0.019	0.14	1.3	3
C286503		31.9	15.2	0.034	0.74	42.10	1	1.4	277.0	0.06	1.50	0.7	0.119	0.10	1.4	59
C286126		0.9	96.1	<0.002	0.13	0.79	3	1.8	60.7	0.54	0.27	2.3	0.751	0.23	1.5	264
C286127		1.0	5.4	<0.002	0.09	0.14	<1	0.3	48.0	0.14	0.05	0.2	0.383	<0.02	1.6	146
C286128		17.6	0.4	<0.002	<0.01	0.31	1	0.6	69.9	0.65	<0.05	8.2	0.092	<0.02	13.0	15
C286129		1.6	2.4	<0.002	<0.01	0.25	2	1.8	62.7	0.23	0.07	19.0	0.172	<0.02	2.7	233
C286130		2.3	32.4	<0.002	0.08	0.72	3	1.7	174.5	0.97	0.14	6.2	0.923	0.10	1.2	551
C286131		2.2	6.4	<0.002	<0.01	0.31	<1	1.1	71.8	0.23	<0.05	6.7	0.144	0.03	4.6	51
C286132		1.2	31.8	0.002	0.36	0.36	3	2.2	138.0	0.66	0.40	3.6	0.725	0.10	1.9	416
C286133		2.1	274.0	<0.002	0.10	1.02	1	3.2	42.9	0.52	0.08	16.5	0.302	0.59	3.1	79
C286134		2.6	24.4	<0.002	0.26	0.17	3	0.5	88.6	0.14	<0.05	5.3	0.048	0.11	2.0	10
C286135		3.2	15.2	<0.002	0.04	0.83	1	3.7	130.5	0.68	<0.05	11.6	0.187	0.15	0.6	66
C286136		2.9	123.5	<0.002	0.94	0.34	<1	1.2	35.9	0.13	<0.05	17.8	0.029	0.30	2.4	35
C286137		0.6	23.4	<0.002	0.39	0.07	<1	0.4	6.7	<0.05	<0.05	2.3	0.057	0.05	0.2	62
C286138		4.9	32.5	<0.002	2.01	0.44	2	0.6	25.0	0.13	0.24	11.3	0.023	0.10	1.8	27
C286026		4.8	216.0	<0.002	0.03	0.36	2	2.5	48.1	0.97	0.08	11.8	0.295	0.83	2.0	45
C286027		58.8	229.0	<0.002	0.05	1.02	1	2.2	50.5	0.86	0.06	6.0	0.259	1.07	1.7	21
C286028		12.7	92.5	<0.002	0.01	0.74	1	1.7	40.5	0.67	<0.05	14.9	0.196	0.48	4.1	42
C286029		16.9	179.5	<0.002	0.07	1.86	<1	2.8	64.6	0.79	<0.05	25.6	0.189	0.96	4.7	72
C286030		63.1	124.5	<0.002	0.07	2.05	<1	2.1	90.4	0.77	0.07	18.3	0.259	0.54	5.5	76
C286031		3.6	146.5	<0.002	0.26	1.73	3	3.5	371.0	0.28	0.13	9.1	0.138	0.25	7.9	49
C286032		1.5	170.0	<0.002	0.19	1.35	1	3.9	2930.0	0.18	0.16	7.6	0.139	0.36	2.2	67
C286033		1.6	78.6	<0.002	0.35	1.69	1	2.6	180.0	0.31	0.09	11.1	0.160	0.18	4.6	67

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 25-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS EL06071461

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm
	LOR	0.1	0.1	2	0.5
C286072		0.2	3.4	11	8.1
C286073		0.1	1.2	28	6.1
C286074		0.1	3.8	6	5.2
C286075		2.2	17.3	17	40.3
C286076		0.4	10.1	31	6.4
C286077		1.1	24.3	58	35.0
C286078		4.3	59.1	51	16.2
C286079		1.5	11.9	30	37.6
C286080		0.3	1.7	30	9.7
C286081		1.4	4.2	11	69.8
C286082		0.2	2.3	27	7.9
C286083		0.7	7.9	6	23.1
C286122		1.1	4.4	85	35.4
C286123		3.7	5.1	25	45.0
C286124		0.6	5.8	19	16.4
C286125		1.5	15.7	84	54.9
C286501		0.5	6.9	122	54.3
C286502		0.3	23.3	26	51.2
C286503		7.6	4.6	113	10.4
C286126		0.6	27.9	29	16.9
C286127		0.2	3.9	28	2.1
C286128		1.6	11.4	5	65.5
C286129		0.8	8.9	13	81.6
C286130		0.7	35.8	22	35.8
C286131		2.3	14.5	3	77.7
C286132		0.5	30.0	9	27.9
C286133		3.9	16.7	13	97.6
C286134		0.9	49.3	9	34.2
C286135		1.3	4.9	22	31.3
C286136		0.4	5.5	35	39.3
C286137		0.1	4.3	13	<0.5
C286138		0.5	4.3	51	36.9
C286026		0.7	14.6	30	46.1
C286027		0.5	20.4	39	15.8
C286028		1.0	16.6	34	48.7
C286029		1.6	14.8	66	77.7
C286030		1.4	17.6	119	69.5
C286031		4.7	8.0	11	46.6
C286032		6.9	8.3	6	50.8
C286033		2.4	12.9	29	47.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 25-AUG-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS EL06071461

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
C286034		0.66	<0.005	<0.01	7.10	5.8	4190	0.63	0.01	1.88	0.02	111.50	9.6	47	2.17	12.6
C286035		1.24	<0.005	0.03	4.24	0.7	1390	1.00	0.04	4.27	0.03	35.20	4.3	23	0.46	128.5
C286036		1.24	<0.005	0.03	7.22	3.0	1680	0.86	0.11	3.74	<0.02	56.60	8.9	59	3.32	6.6
C286037		0.64	0.058	0.42	6.16	6.7	160	0.62	1.78	0.49	0.02	19.60	261.0	45	0.21	2.9
C286038		0.74	0.029	0.04	1.15	1.5	360	0.14	1.80	1.27	<0.02	7.07	25.7	98	0.06	22.0
C286039		0.99	0.019	0.31	5.85	221.0	50	0.78	6.93	4.02	0.02	18.35	98.1	34	0.30	52.5
C286040		0.71	<0.005	0.02	2.26	7.3	150	0.52	0.10	0.02	0.05	41.80	6.7	15	1.17	2.5
C286041		0.48	<0.005	<0.01	3.51	4.3	20	0.53	0.14	0.27	<0.02	17.70	14.2	30	0.28	0.3
C286042		0.76	<0.005	<0.01	3.49	16.3	20	0.43	1.16	0.27	<0.02	39.90	308.0	32	0.80	9.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS EL06071461

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C286034		4.07	15.60	0.18	2.0	0.010	4.74	62.5	14.0	0.97	765	0.39	0.75	4.9	12.2	720
C286035		2.99	10.90	0.08	1.0	0.010	0.71	16.9	3.5	1.67	1505	0.25	2.61	3.9	3.9	510
C286036		6.10	19.75	0.18	2.2	0.026	4.95	30.1	15.4	2.00	2240	0.54	1.68	5.6	18.8	760
C286037		8.18	10.70	0.15	0.5	0.006	0.14	9.9	30.8	0.56	323	0.50	3.96	1.5	21.2	850
C286038		30.00	8.99	0.34	0.4	0.017	0.03	3.6	11.0	0.29	939	2.22	0.11	2.2	67.9	470
C286039		8.79	11.40	0.14	0.8	0.020	0.08	9.5	25.9	3.47	2110	6.13	2.33	3.8	120.0	760
C286040		2.74	4.64	0.08	0.6	0.028	0.48	17.2	39.4	0.92	394	0.19	0.01	1.6	12.0	100
C286041		2.23	9.21	0.05	0.6	0.023	0.02	9.6	26.7	5.03	70	1.22	0.02	5.8	8.6	1290
C286042		3.10	10.90	0.11	0.6	<0.005	0.03	22.8	31.2	5.50	78	71.90	0.01	5.9	39.6	1500

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS EL06071461

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
C286034		2.4	110.0	<0.002	0.23	1.63	2	2.2	1615.0	0.49	<0.05	13.5	0.165	0.21	3.0	55
C286035		2.1	19.4	<0.002	0.24	0.71	3	1.3	2350.0	0.34	<0.05	5.8	0.109	0.06	2.6	32
C286036		3.5	154.5	<0.002	0.04	1.76	3	3.0	39.6	0.57	<0.05	17.3	0.182	0.22	4.2	75
C286037		1.5	10.3	<0.002	1.81	0.57	4	0.9	47.7	0.18	1.64	12.9	0.071	0.04	2.2	45
C286038		0.9	2.4	<0.002	0.05	0.76	2	0.5	10.1	0.24	0.89	5.8	0.044	0.03	2.5	314
C286039		7.5	5.5	<0.002	2.48	4.07	4	0.5	49.7	0.36	0.45	12.4	0.098	0.04	2.8	46
C286040		1.7	19.7	<0.002	0.01	0.44	3	0.3	4.5	0.15	<0.05	4.0	0.038	0.09	0.6	9
C286041		1.4	1.0	<0.002	0.10	0.24	<1	5.1	4.8	0.36	0.08	7.2	0.108	0.02	1.7	68
C286042		1.9	1.6	0.003	1.29	0.31	7	5.9	4.8	0.37	0.55	5.7	0.122	0.02	3.6	72

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 25-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS EL06071461

Sample Description	Method / Analyte / Units / LOR	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
C286034		2.3	10.4	16	63.3
C286035		1.3	8.6	7	32.9
C286036		2.9	11.2	15	68.9
C286037		3.9	6.7	11	17.8
C286038		2.6	2.8	11	15.6
C286039		1.1	5.1	47	28.1
C286040		0.3	4.1	20	22.5
C286041		3.0	6.2	6	22.8
C286042		3.0	5.4	7	21.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 11-JAN-2007
Account: EIA

CERTIFICATE VA07003144

Project: Werneckes

P.O. No.: FRG06-01

This report is for 15 Rock samples submitted to our lab in Vancouver, BC, Canada on 8-JAN-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM

To: **EQUITY ENGINEERING LTD.**
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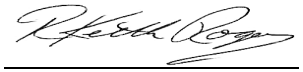
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 11-JAN-2007
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07003144

Sample Description	Method	U-XRF10
	Analyte	U
	Units	%
	LOR	0.01
C286929		0.13

Appendix I.2: Certificates of Analysis

Soil Geochemistry

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Finalized Date: 20-SEP-2006
Account: EIA

CERTIFICATE WN06070798

Project: WERNECKES

P.O. No.: FRG06-01

This report is for 200 Soil samples submitted to our lab in Vancouver, BC, Canada on 6-JUL-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	50 element aqua regia ICP-MS	

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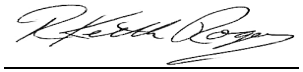
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 20-SEP-2006
Account: EIA

Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070798

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
202424		0.54	0.005	0.03	0.85	11.4	<10	30	0.11	0.38	0.03	0.03	29.90	3.6	13	2.12
202425		0.24	0.024	0.20	1.01	6.6	<10	540	1.12	0.38	2.48	0.14	31.80	11.0	12	2.74
202426		0.34	0.009	0.09	0.44	3.0	<10	50	0.31	0.14	0.23	0.07	25.00	2.1	9	3.03
202427		0.36	0.013	0.07	0.74	2.5	<10	50	0.27	0.19	0.09	0.05	35.50	3.2	13	6.26
202428		0.24	0.051	0.08	0.59	2.9	<10	40	0.20	0.15	0.07	0.08	32.60	2.4	12	2.33
202429		0.32	0.013	0.06	1.81	3.8	<10	120	1.22	0.24	1.40	0.13	79.60	13.1	33	3.42
202430		0.32	0.006	0.06	1.87	3.8	<10	120	1.37	0.25	1.42	0.13	90.40	13.8	34	3.54
202431		0.32	0.009	0.10	1.92	4.7	<10	210	1.35	0.42	0.84	0.17	123.50	10.8	22	2.27
202432		0.34	<0.005	0.06	2.02	5.4	<10	120	2.16	0.47	1.02	0.12	132.00	14.7	33	4.88
202433		0.26	0.021	0.09	1.06	3.0	<10	80	0.89	0.23	0.45	0.12	63.50	6.3	17	2.51
202434		0.40	0.007	0.02	1.17	3.5	<10	50	1.10	0.16	0.61	0.06	56.60	9.7	30	1.99
202435		0.48	<0.005	0.11	1.75	12.5	<10	80	0.60	0.34	0.06	0.14	35.90	11.0	22	1.66
202436		0.34	<0.005	0.40	1.37	19.1	<10	130	0.79	0.37	1.96	0.39	101.50	15.8	21	3.34
202437		0.64	<0.005	0.16	1.37	9.9	<10	70	0.56	0.32	0.51	0.13	55.00	12.9	21	2.04
202438		0.48	<0.005	0.03	1.09	4.3	<10	60	0.78	0.15	0.73	0.08	50.60	9.7	27	2.08
202439		0.34	0.019	0.10	1.03	7.5	<10	100	0.60	0.20	1.90	0.10	36.90	8.9	19	1.46
202440		0.58	<0.005	0.04	1.23	6.3	<10	70	0.54	0.27	0.64	0.10	26.10	7.6	25	2.03
202441		0.46	<0.005	0.18	1.05	25.4	<10	240	0.51	0.93	0.69	0.70	35.90	16.8	12	1.71
202442		0.40	0.011	0.35	0.78	27.7	<10	350	0.39	0.47	1.88	0.51	17.75	11.1	10	1.38
202443		0.46	<0.005	0.32	1.46	54.6	<10	300	0.65	0.76	0.92	0.32	39.30	22.5	18	2.86
202444		0.42	<0.005	0.15	1.47	26.0	<10	270	0.46	0.59	0.78	0.16	19.30	8.9	22	1.43
202445		0.34	0.024	0.51	1.18	49.5	<10	370	0.56	1.47	1.50	0.42	23.60	20.8	14	1.76
202446		0.36	0.008	0.51	0.97	27.6	<10	250	0.62	0.85	2.04	0.32	30.30	12.3	11	1.31
202447		0.46	<0.005	0.29	1.31	23.9	<10	130	0.65	0.60	0.51	0.38	42.90	21.0	18	2.19
202448		0.60	<0.005	0.10	1.02	18.6	<10	70	0.30	0.70	0.08	0.10	46.40	7.4	14	2.41
202449		0.56	<0.005	0.13	1.56	25.1	<10	60	0.63	0.72	0.04	0.16	95.40	16.3	19	1.42
202450		0.54	0.005	0.11	1.62	26.6	<10	90	0.71	0.84	0.04	0.22	102.50	19.5	19	1.88
202451		0.60	<0.005	0.21	1.58	42.9	<10	150	0.86	1.05	0.33	0.39	81.60	17.5	17	2.32
202452		0.54	<0.005	0.23	1.67	10.4	<10	90	0.76	0.69	0.98	0.64	120.50	13.4	14	5.92
202453		0.44	0.010	0.31	2.13	77.6	<10	120	1.13	1.82	0.17	0.32	205.00	66.8	23	1.99
202454		0.76	0.010	0.34	2.59	86.5	<10	80	1.61	2.12	0.05	0.86	334.00	102.0	27	2.49
202455		0.36	0.020	0.32	0.76	20.8	<10	40	0.36	0.81	0.11	0.68	50.90	8.0	11	1.47
202456		0.58	0.012	0.38	2.26	59.3	<10	90	0.85	3.22	0.02	0.06	144.50	5.5	25	7.64
202457		0.72	0.011	0.35	1.84	79.0	<10	70	1.08	1.85	0.02	0.07	138.50	6.1	22	5.32
202458		0.76	0.012	0.26	1.99	36.5	<10	80	1.33	1.32	0.04	0.11	182.50	14.2	24	4.02
202459		0.62	0.012	0.28	2.04	60.8	<10	110	1.37	1.89	0.07	0.17	131.00	18.4	25	4.03
202460		0.70	<0.005	0.17	2.38	75.4	<10	70	2.54	1.14	0.05	0.14	340.00	66.1	25	5.58
202461		0.26	<0.005	0.09	0.39	7.7	<10	20	0.17	0.19	0.04	0.19	55.80	2.9	7	3.08
202462		0.52	<0.005	0.13	1.64	19.5	<10	80	0.50	0.44	0.12	0.27	49.40	12.4	22	2.52
202463		0.26	<0.005	0.14	0.19	2.3	<10	20	<0.05	0.07	0.02	0.06	81.70	0.8	4	2.99

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Finalized Date: 20-SEP-2006
Account: EIA

Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070798

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
202424		10.8	3.21	8.60	0.06	<0.02	0.02	0.016	0.04	15.7	3.1	0.08	174	2.14	<0.01	1.38
202425		74.7	1.73	2.95	0.06	0.07	0.13	0.029	0.03	19.6	5.2	0.15	3690	2.67	0.01	0.27
202426		51.0	0.84	2.54	<0.05	<0.02	0.07	0.012	0.03	13.0	1.9	0.06	141	1.35	0.01	0.26
202427		20.3	1.03	3.44	<0.05	<0.02	0.06	0.012	0.04	19.5	8.0	0.16	99	1.31	0.01	0.41
202428		12.5	1.25	4.88	<0.05	<0.02	0.06	0.013	0.03	17.5	3.6	0.12	75	1.45	0.01	0.38
202429		79.0	2.97	8.13	0.13	0.07	0.08	0.065	0.04	74.1	22.9	1.10	1930	1.54	0.01	0.46
202430		85.0	3.02	8.38	0.14	0.08	0.07	0.071	0.05	82.7	24.0	1.13	2090	1.66	0.01	0.44
202431		69.3	2.31	6.80	0.11	0.06	0.08	0.036	0.04	72.2	20.8	0.60	1940	1.47	0.01	0.74
202432		68.4	2.91	8.78	0.16	0.08	0.05	0.054	0.05	99.3	29.2	1.30	2030	1.54	0.01	0.77
202433		29.3	1.45	5.51	0.07	0.03	0.04	0.026	0.04	42.3	12.7	0.51	859	0.95	0.01	0.47
202434		16.7	1.83	7.66	0.11	0.03	0.03	0.038	0.02	29.2	22.7	1.06	1640	0.41	0.01	1.59
202435		22.5	3.36	5.47	0.07	0.03	0.03	0.027	0.06	17.8	23.4	0.43	290	1.07	<0.01	1.46
202436		53.9	2.10	3.99	0.13	0.09	0.08	0.030	0.06	64.8	14.3	0.50	1720	1.80	0.01	0.63
202437		33.6	2.63	4.58	0.10	0.07	0.03	0.024	0.07	31.4	24.0	0.67	579	0.94	0.01	0.91
202438		20.2	1.71	6.61	0.10	0.03	0.03	0.027	0.03	28.0	22.2	0.95	1530	0.49	0.01	1.36
202439		29.9	1.72	4.08	0.07	0.05	0.05	0.021	0.04	23.2	14.1	0.58	1050	1.97	0.01	0.81
202440		12.7	2.09	6.65	0.05	0.02	0.04	0.026	0.05	13.9	21.5	0.62	503	0.82	0.01	1.43
202441		52.1	3.36	4.54	0.06	0.04	0.08	0.062	0.05	17.4	8.6	0.28	3380	2.96	0.01	0.47
202442		71.1	1.93	2.48	0.06	0.07	0.07	0.029	0.05	14.0	11.0	0.50	1240	1.67	0.01	0.38
202443		85.4	4.18	4.47	0.09	0.08	0.07	0.059	0.08	24.5	22.4	0.82	2530	2.47	0.01	0.59
202444		47.1	2.64	5.16	0.05	0.08	0.03	0.039	0.05	10.9	17.4	0.51	357	2.20	0.01	0.73
202445		213.0	3.23	3.54	0.07	0.08	0.08	0.056	0.05	16.1	11.3	0.47	2000	1.89	0.01	0.54
202446		45.0	2.42	3.36	0.05	0.07	0.10	0.050	0.04	20.7	8.6	0.47	3220	2.15	0.01	0.35
202447		29.8	2.58	4.82	0.06	0.03	0.05	0.031	0.06	18.8	16.2	0.36	1400	2.59	0.01	0.44
202448		16.5	2.30	6.43	0.05	<0.02	0.03	0.023	0.05	20.4	11.0	0.21	701	2.09	<0.01	0.82
202449		32.8	3.65	4.49	0.09	0.06	0.03	0.025	0.06	45.6	23.9	0.62	745	3.20	0.01	0.43
202450		39.8	3.67	5.23	0.09	0.05	0.03	0.031	0.07	47.1	22.9	0.57	775	3.58	0.01	0.51
202451		33.8	5.72	4.12	0.11	0.09	0.06	0.106	0.07	42.1	37.0	0.52	5650	3.04	0.01	0.46
202452		33.0	3.71	4.35	0.16	0.07	0.05	0.041	0.06	61.8	22.2	0.83	5730	1.57	0.01	0.35
202453		122.0	5.84	5.89	0.24	0.18	0.11	0.063	0.06	137.0	27.0	0.76	4970	5.55	0.01	1.18
202454		234.0	12.45	6.20	0.41	0.19	0.08	0.091	0.08	130.0	31.8	0.76	4650	11.40	0.02	0.90
202455		45.6	2.74	2.75	0.08	0.03	0.15	0.032	0.04	26.3	4.5	0.15	261	4.09	0.01	0.51
202456		87.2	7.75	6.79	0.15	0.06	0.06	0.086	0.12	101.5	28.0	0.49	347	11.85	0.03	0.30
202457		93.8	6.02	5.30	0.16	0.06	0.04	0.060	0.07	79.0	29.4	0.54	311	7.56	0.03	0.30
202458		81.9	6.52	4.80	0.20	0.09	0.05	0.050	0.07	81.1	25.8	0.53	425	5.40	0.02	0.45
202459		88.2	4.75	5.64	0.13	0.05	0.08	0.058	0.09	69.5	27.3	0.51	520	6.34	0.02	0.74
202460		150.0	4.95	6.53	0.24	0.12	0.03	0.105	0.10	108.5	42.6	0.88	1230	5.96	0.01	0.65
202461		18.0	0.71	2.10	0.05	0.02	0.03	0.008	0.05	26.1	2.9	0.06	61	7.09	0.01	0.18
202462		36.1	3.11	4.35	0.08	0.06	0.04	0.026	0.07	23.9	19.5	0.57	369	4.51	0.01	0.77
202463		3.4	0.27	1.56	0.06	0.02	0.03	<0.005	0.04	40.4	1.2	0.03	25	2.98	0.01	0.11

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To: **EQUITY ENGINEERING LTD.**
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Finalized Date: 20-SEP-2006
Account: EIA

Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070798

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
202424		6.2	250	10.0	7.8	<0.001	0.01	0.82	1.6	0.2	0.8	4.6	<0.01	0.05	3.5	0.040
202425		12.7	1770	9.5	4.5	0.001	0.22	11.45	2.1	1.7	0.3	33.5	0.01	0.05	1.5	0.009
202426		4.7	860	7.3	6.2	<0.001	0.07	0.98	0.6	0.7	0.3	5.5	<0.01	0.04	0.3	0.007
202427		6.5	840	7.6	7.9	<0.001	0.07	1.35	0.8	0.7	0.3	6.2	<0.01	0.04	0.4	0.009
202428		6.5	670	5.5	6.5	<0.001	0.05	0.87	1.1	0.6	0.4	4.4	<0.01	0.05	0.6	0.011
202429		32.7	1010	6.6	16.3	<0.001	0.10	0.91	11.0	1.0	0.4	14.0	0.01	0.10	6.9	0.020
202430		34.7	1050	6.8	16.5	0.001	0.10	0.95	11.9	1.0	0.4	14.0	0.01	0.10	7.5	0.020
202431		29.0	1080	13.0	9.4	<0.001	0.09	0.59	6.5	1.0	0.4	12.3	0.01	0.14	5.3	0.037
202432		39.0	1140	8.9	16.3	<0.001	0.07	0.54	8.5	0.8	0.5	12.2	0.01	0.19	5.1	0.035
202433		16.8	730	5.7	8.6	<0.001	0.06	0.35	3.5	0.6	0.5	7.8	0.01	0.08	2.3	0.018
202434		25.5	740	4.6	6.7	<0.001	0.03	0.45	7.5	0.3	0.6	19.0	0.01	0.03	7.2	0.073
202435		24.0	260	14.8	13.7	<0.001	0.01	0.69	2.2	0.3	0.4	5.9	0.01	0.04	8.1	0.039
202436		24.5	1300	13.2	13.1	<0.001	0.15	0.85	2.7	3.0	0.2	22.1	0.02	0.06	3.1	0.017
202437		26.3	540	10.4	12.9	<0.001	0.03	0.54	3.0	0.4	0.3	10.8	0.01	0.04	8.3	0.034
202438		24.7	790	4.1	11.8	<0.001	0.04	0.20	4.9	0.2	0.5	18.2	0.01	0.03	5.8	0.062
202439		18.9	830	7.2	11.1	<0.001	0.09	0.43	2.8	1.1	0.3	19.6	0.01	0.04	3.3	0.027
202440		18.5	500	8.2	15.4	<0.001	0.04	0.28	3.1	0.4	0.6	12.4	<0.01	0.04	4.2	0.048
202441		16.3	1180	57.0	12.4	<0.001	0.11	1.18	2.1	0.9	0.4	14.2	0.01	0.10	0.8	0.019
202442		16.0	1300	24.0	10.3	<0.001	0.21	1.00	1.6	1.3	0.2	24.6	0.01	0.07	1.1	0.015
202443		28.7	1020	49.7	21.8	<0.001	0.09	1.17	3.9	1.1	0.3	16.1	0.01	0.10	1.6	0.029
202444		20.5	1060	15.5	10.4	<0.001	0.09	0.83	3.0	0.6	0.4	15.3	<0.01	0.05	1.7	0.024
202445		22.1	1220	33.1	9.6	<0.001	0.15	1.02	2.5	1.4	0.3	20.9	0.01	0.09	1.2	0.016
202446		16.8	1570	21.5	7.4	<0.001	0.23	1.34	1.4	1.8	0.2	18.3	0.01	0.10	0.7	0.012
202447		27.3	1220	22.0	16.3	<0.001	0.10	0.93	1.2	0.9	0.4	12.8	<0.01	0.08	0.6	0.019
202448		13.8	470	17.1	13.5	<0.001	0.03	0.84	1.5	0.4	0.6	7.0	<0.01	0.08	1.4	0.036
202449		30.6	470	22.4	10.0	<0.001	0.04	1.50	1.7	0.5	0.3	3.8	<0.01	0.08	10.8	0.011
202450		35.4	450	24.7	11.2	<0.001	0.04	1.63	1.9	0.6	0.4	4.4	<0.01	0.09	11.1	0.013
202451		28.3	930	38.3	11.5	<0.001	0.08	2.05	3.9	1.0	0.5	8.9	0.01	0.14	4.8	0.021
202452		32.1	870	74.5	15.3	<0.001	0.08	0.73	3.0	1.5	0.3	33.4	0.01	0.11	2.1	0.034
202453		65.2	1220	99.2	12.2	<0.001	0.09	2.33	3.3	1.9	0.4	12.4	0.03	0.20	13.0	0.016
202454		120.5	2360	173.0	11.9	<0.001	0.19	5.16	3.8	3.2	0.4	12.1	0.03	0.32	50.1	0.027
202455		17.7	1200	37.0	6.9	<0.001	0.14	1.82	0.9	1.3	0.3	7.4	0.01	0.11	0.8	0.013
202456		16.6	1480	206.0	17.4	<0.001	0.24	4.43	2.5	1.9	0.5	8.7	<0.01	0.28	38.1	0.007
202457		19.1	1150	165.0	10.5	<0.001	0.24	4.13	2.6	1.4	0.4	8.9	0.01	0.18	31.5	0.010
202458		32.5	1130	60.0	9.4	<0.001	0.11	2.82	2.7	1.3	0.4	7.8	0.01	0.13	20.9	0.019
202459		34.7	1060	111.0	13.0	<0.001	0.13	3.55	3.0	1.6	0.6	16.5	0.01	0.19	12.9	0.027
202460		92.1	650	56.5	10.7	<0.001	0.06	2.63	4.1	1.4	0.4	6.5	0.02	0.13	34.3	0.010
202461		8.6	520	7.4	13.5	<0.001	0.03	0.62	0.8	0.5	0.4	6.3	<0.01	0.13	0.7	0.008
202462		41.6	920	28.7	20.9	<0.001	0.03	1.03	3.0	0.8	0.4	15.9	0.01	0.09	3.9	0.038
202463		2.9	260	2.6	10.0	<0.001	0.02	0.25	0.7	0.3	0.3	3.2	<0.01	0.02	0.6	0.010

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 20-SEP-2006
Account: EIA

Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070798

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
202424		0.11	0.43	63	0.21	1.86	37	0.5
202425		0.11	4.40	14	0.10	21.80	25	0.9
202426		0.07	1.90	14	0.10	3.21	17	<0.5
202427		0.14	1.75	14	0.10	2.76	19	<0.5
202428		0.09	1.00	30	0.11	2.58	16	<0.5
202429		0.08	5.49	46	0.12	26.60	34	0.7
202430		0.09	5.81	47	0.12	30.40	33	0.8
202431		0.08	4.69	35	0.13	23.80	36	0.6
202432		0.10	6.87	41	0.24	33.60	39	0.5
202433		0.08	2.75	23	0.16	14.15	23	<0.5
202434		0.02	1.56	30	1.20	17.75	26	0.6
202435		0.07	0.69	28	0.23	4.73	63	1.0
202436		0.15	17.40	16	0.17	35.50	88	1.0
202437		0.08	2.26	22	0.17	15.90	84	1.1
202438		0.03	1.78	26	0.55	13.55	32	0.5
202439		0.05	8.11	18	2.58	13.90	37	1.0
202440		0.07	0.91	32	0.38	5.44	45	0.5
202441		0.17	1.17	26	0.12	14.35	172	0.8
202442		0.08	1.10	12	0.06	9.71	139	1.9
202443		0.12	2.55	27	0.12	19.35	267	1.6
202444		0.09	1.02	34	0.14	3.52	129	2.1
202445		0.09	2.02	22	0.10	16.40	116	1.6
202446		0.08	5.99	14	0.09	18.85	64	1.4
202447		0.13	1.43	32	0.14	7.61	127	0.5
202448		0.18	0.72	36	0.16	3.91	57	<0.5
202449		0.12	1.49	19	0.10	7.13	108	1.3
202450		0.17	1.63	23	0.12	8.06	117	1.2
202451		1.02	1.48	29	0.15	24.40	140	1.6
202452		0.75	1.36	24	0.10	57.80	65	<0.5
202453		0.21	5.41	26	0.26	38.10	118	1.8
202454		0.30	10.00	22	0.22	46.10	254	0.8
202455		0.13	3.10	18	0.12	6.67	68	<0.5
202456		0.36	4.33	24	0.14	5.47	102	1.3
202457		0.17	7.15	20	0.17	7.57	102	1.1
202458		0.14	5.67	29	0.17	14.90	133	1.0
202459		0.20	5.11	35	0.26	9.00	122	0.6
202460		0.16	8.67	22	0.21	22.50	198	1.6
202461		0.27	1.78	10	0.09	3.83	23	<0.5
202462		0.31	3.07	40	0.23	8.80	103	1.2
202463		0.18	0.56	7	0.06	1.62	8	<0.5

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Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
202464	0.30	<0.005	0.28	0.68	45.7	<10	40	0.17	0.33	0.02	0.08	60.80	3.3	11	2.87
202465	0.50	<0.005	0.07	1.51	30.0	<10	40	0.40	0.58	0.16	0.08	63.30	16.2	23	3.28
202466	0.42	0.008	0.18	1.68	19.0	<10	90	0.50	0.50	0.45	0.24	34.10	11.0	22	3.32
202467	0.44	0.005	0.07	1.69	17.5	<10	70	0.47	0.36	0.06	0.13	45.50	15.9	22	1.84
202468	0.30	<0.005	0.15	2.52	18.5	<10	100	0.73	0.35	0.06	0.17	39.00	18.6	28	1.59
202469	0.54	<0.005	0.07	1.54	18.2	<10	90	0.35	0.40	0.07	0.10	30.60	6.9	19	1.08
202470	0.06	<0.005	<0.01	0.01	0.2	<10	<10	<0.05	<0.01	<0.01	0.02	1.16	0.1	<1	<0.05
202471	0.52	0.006	0.13	1.65	16.7	<10	70	0.45	0.41	0.06	0.18	38.10	11.0	22	1.17
202472	0.52	<0.005	0.10	2.03	16.5	<10	110	0.53	0.43	0.06	0.13	37.30	10.1	25	1.60
202473	0.36	<0.005	0.23	2.07	20.7	<10	80	0.48	0.51	0.08	0.18	42.30	14.5	27	1.24
202474	0.48	<0.005	0.15	1.58	13.7	<10	80	0.30	0.37	0.05	0.11	31.50	7.0	24	1.81
202475	0.44	<0.005	0.05	1.09	14.4	<10	40	0.17	0.45	0.05	0.06	29.00	4.4	20	1.46
202476	0.38	<0.005	0.04	1.42	15.8	<10	60	0.31	0.46	0.05	0.08	26.60	5.7	22	1.65
202477	0.44	<0.005	0.04	0.72	7.5	<10	40	0.16	0.32	0.05	0.06	35.20	3.8	12	1.09
202478	0.56	<0.005	0.24	3.03	18.6	<10	100	0.74	0.38	0.06	0.15	36.30	11.5	31	1.53
202479	0.44	0.005	0.33	1.14	17.2	<10	80	0.23	0.84	0.04	0.11	51.20	2.0	12	2.13
202480	0.48	<0.005	0.06	2.10	10.8	<10	70	0.33	0.27	0.05	0.08	34.80	6.0	27	0.87
202481	0.40	<0.005	0.05	1.33	9.1	<10	60	0.27	0.26	0.12	0.06	34.70	4.8	20	0.68
202482	0.40	<0.005	0.11	2.52	19.1	<10	110	0.69	0.42	0.09	0.13	50.80	13.3	31	1.51
202483	0.46	0.008	0.28	2.48	20.7	<10	60	0.79	0.66	0.07	0.13	44.50	9.1	28	1.84
202484	0.42	<0.005	0.09	2.10	27.0	<10	60	1.07	0.82	0.07	0.16	88.20	29.1	23	1.49
202485	0.48	<0.005	0.38	1.53	54.6	<10	100	1.00	1.82	1.19	0.75	30.90	19.5	24	3.95
202486	0.28	<0.005	0.33	1.09	32.4	10	110	1.21	0.64	3.17	0.51	29.00	12.5	11	2.13
202487	0.32	<0.005	0.23	0.58	12.6	10	100	0.62	0.26	3.71	0.36	10.15	6.2	7	1.18
202488	0.32	0.007	0.27	0.82	25.0	<10	110	1.05	0.58	2.90	0.25	20.90	10.4	10	1.48
202489	0.34	0.009	0.10	0.98	32.7	<10	50	0.64	1.08	1.46	0.16	30.10	18.7	20	1.87
202490	0.38	0.062	0.11	1.01	33.5	<10	60	0.68	1.12	1.51	0.18	31.10	19.3	20	1.98
202491	0.44	0.009	0.07	1.27	26.6	<10	70	0.60	1.10	0.96	0.13	27.30	14.2	23	3.89
202492	0.42	0.012	0.73	1.32	92.0	<10	110	1.12	4.79	2.06	0.72	31.40	28.0	20	3.04
202493	0.24	0.033	0.22	0.97	16.9	10	110	0.95	0.50	3.19	0.30	20.90	8.0	12	2.00
202494	0.36	<0.005	0.25	1.16	20.1	<10	140	1.13	0.71	2.45	0.28	42.30	12.0	17	2.30
202495	0.24	0.043	0.13	0.33	8.5	10	100	0.50	0.21	3.56	0.34	8.53	3.4	4	0.61
202496	0.32	0.017	0.22	0.64	11.1	<10	120	0.54	0.40	3.21	0.27	13.75	7.1	10	1.09
202497	0.22	<0.005	0.25	1.19	16.9	<10	150	0.79	0.95	1.92	0.35	23.90	12.9	22	2.35
202498	0.74	0.009	0.12	1.28	12.7	<10	130	0.68	0.68	0.64	0.19	34.30	11.6	25	2.13
202499	0.56	0.009	0.02	1.79	6.6	<10	80	0.62	0.21	0.11	0.10	56.70	7.4	25	2.03
202500	0.46	0.008	0.02	2.87	5.9	<10	70	1.57	0.14	0.18	0.20	227.00	17.3	30	5.17
201501	0.50	0.012	0.03	1.69	6.3	<10	70	0.55	0.17	0.27	0.14	90.60	11.5	26	1.20
201502	0.46	0.057	0.03	1.84	5.8	<10	80	0.94	0.19	0.18	0.15	135.50	12.3	31	2.35
201503	0.36	0.007	0.02	1.91	5.3	<10	100	0.82	0.20	0.17	0.10	122.00	10.3	29	2.86

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
202464		14.8	1.83	3.88	0.07	<0.02	0.06	0.012	0.05	29.8	5.3	0.16	82	6.21	0.01	0.46
202465		25.9	3.07	5.15	0.08	0.02	0.03	0.021	0.07	29.3	23.0	0.87	841	1.70	0.01	1.01
202466		29.8	2.95	4.68	0.09	0.07	0.06	0.022	0.08	21.4	22.3	0.98	712	2.32	0.01	0.74
202467		26.2	3.05	4.37	0.08	0.05	0.03	0.019	0.06	22.4	21.2	0.72	758	2.62	0.01	0.79
202468		28.3	3.52	4.94	0.07	0.05	0.07	0.032	0.06	20.2	24.7	0.46	410	2.24	0.01	1.32
202469		14.4	3.51	6.42	0.05	0.02	0.03	0.026	0.06	15.3	15.9	0.24	327	2.06	0.01	1.44
202470		1.0	0.02	0.05	<0.05	0.03	<0.01	<0.005	<0.01	0.5	0.2	<0.01	<5	0.05	<0.01	<0.05
202471		21.2	3.56	6.13	0.06	0.04	0.04	0.024	0.05	18.2	16.7	0.31	331	2.55	0.01	1.47
202472		16.9	3.40	6.79	0.05	0.05	0.03	0.029	0.08	19.1	21.8	0.35	343	2.56	0.01	1.31
202473		42.3	4.13	5.50	0.07	0.05	0.04	0.035	0.08	21.5	26.5	0.45	458	3.34	0.01	1.27
202474		15.9	4.05	6.53	0.06	0.03	0.03	0.024	0.06	16.0	15.2	0.36	398	1.65	0.01	1.41
202475		11.5	4.16	7.23	0.06	<0.02	0.04	0.018	0.06	14.3	7.3	0.27	296	1.48	0.01	1.73
202476		13.9	4.77	7.26	0.06	<0.02	0.04	0.028	0.05	13.4	16.3	0.26	318	1.79	<0.01	1.71
202477		8.6	2.31	3.91	0.05	<0.02	0.02	0.009	0.04	17.5	6.0	0.29	189	0.90	<0.01	0.75
202478		26.4	4.21	5.87	0.06	0.09	0.06	0.035	0.07	17.4	27.5	0.44	252	1.94	0.01	1.29
202479		15.8	1.68	7.81	0.05	<0.02	0.04	0.013	0.06	26.1	4.0	0.13	65	3.49	0.01	0.73
202480		14.6	4.19	3.46	0.05	0.08	0.02	0.017	0.05	17.6	19.1	0.58	318	1.40	0.01	0.69
202481		14.7	2.75	2.45	0.05	0.02	0.01	0.010	0.04	17.3	10.2	0.56	204	1.24	0.01	0.44
202482		37.8	3.85	5.73	0.06	0.07	0.07	0.028	0.09	22.2	24.3	0.75	354	2.28	0.01	1.04
202483		46.5	4.39	6.02	0.07	0.07	0.06	0.030	0.06	22.1	27.1	0.46	298	3.01	0.01	0.85
202484		53.6	4.34	6.15	0.08	0.08	0.06	0.028	0.05	42.5	33.4	0.77	652	3.53	0.01	0.45
202485		114.5	2.49	5.11	0.07	0.04	0.07	0.038	0.07	17.0	23.7	0.77	494	1.17	0.02	1.29
202486		164.5	1.49	2.36	0.09	0.04	0.11	0.019	0.04	22.7	9.0	0.41	774	0.84	0.01	0.49
202487		126.5	1.06	1.37	0.06	0.02	0.09	0.011	0.03	7.4	5.5	0.35	967	0.64	0.01	0.34
202488		173.0	1.49	2.05	0.07	0.03	0.09	0.018	0.03	13.3	7.0	0.35	1100	0.77	0.01	0.47
202489		78.8	1.91	3.73	0.06	0.02	0.05	0.026	0.05	15.0	19.2	0.56	768	0.59	0.02	1.34
202490		86.5	1.93	3.83	0.08	0.02	0.03	0.027	0.05	15.0	19.9	0.58	794	0.60	0.02	1.39
202491		41.7	2.44	5.45	0.06	<0.02	0.03	0.024	0.09	14.0	23.1	0.66	732	0.86	0.02	1.78
202492		228.0	2.29	4.51	0.09	0.04	0.07	0.055	0.06	20.7	25.8	0.68	1045	1.04	0.02	1.25
202493		91.0	1.49	2.38	0.08	0.03	0.09	0.018	0.04	15.9	9.6	0.48	886	0.75	0.01	0.55
202494		70.9	1.95	3.84	0.09	0.04	0.13	0.026	0.05	29.5	13.3	0.52	1110	0.79	0.02	1.00
202495		66.6	0.72	0.64	0.05	0.03	0.08	0.008	0.02	5.7	1.9	0.25	549	0.61	0.01	0.16
202496		64.1	1.18	2.07	0.05	0.03	0.06	0.015	0.04	6.7	9.1	0.45	731	0.65	0.01	0.57
202497		72.4	1.98	4.11	0.07	0.04	0.05	0.025	0.06	12.9	18.9	0.75	1110	0.67	0.02	1.27
202498		33.5	2.27	4.57	0.07	0.05	0.04	0.026	0.07	17.0	22.4	0.74	659	0.54	0.02	1.53
202499		17.2	2.51	4.96	0.07	<0.02	0.02	0.025	0.05	28.7	14.2	0.71	316	1.21	0.01	0.70
202500		18.4	3.07	11.05	0.26	0.04	0.05	0.023	0.06	93.5	37.6	3.10	906	0.91	0.01	0.46
201501		41.7	2.70	5.88	0.12	0.02	0.02	0.020	0.06	40.7	17.9	1.59	490	1.02	0.01	0.65
201502		25.0	2.86	7.90	0.14	0.03	0.02	0.023	0.06	58.7	22.3	1.76	626	1.10	0.01	0.63
201503		20.8	2.56	7.30	0.10	<0.02	0.02	0.019	0.05	36.9	19.9	1.61	621	0.71	0.01	0.31

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 20-SEP-2006
Account: EIA

Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070798

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
202464		11.3	420	18.9	15.2	<0.001	0.06	0.91	1.3	0.6	0.5	8.9	<0.01	0.08	1.9	0.017
202465		24.2	490	29.7	19.5	<0.001	0.02	0.62	2.1	0.5	0.3	11.3	<0.01	0.04	8.2	0.031
202466		24.8	730	23.6	25.5	<0.001	0.05	0.64	2.5	0.7	0.3	19.4	0.01	0.06	5.5	0.022
202467		27.5	410	22.4	13.7	<0.001	0.01	0.70	2.2	0.5	0.3	8.6	<0.01	0.05	8.3	0.025
202468		30.1	530	22.3	12.8	<0.001	0.03	0.79	2.8	0.7	0.5	12.1	0.01	0.08	7.3	0.039
202469		14.6	380	19.1	9.5	<0.001	0.02	0.60	2.1	<0.2	0.6	7.9	0.01	0.07	5.3	0.041
202470		0.3	10	1.0	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.9	<0.005
202471		23.1	440	18.5	10.9	<0.001	0.01	0.69	2.5	0.3	0.5	9.2	0.01	0.07	6.2	0.041
202472		20.7	320	20.4	17.1	<0.001	0.01	0.61	3.1	0.2	0.7	10.1	<0.01	0.07	6.0	0.031
202473		27.8	620	22.5	14.0	<0.001	0.02	0.80	3.0	0.6	0.5	12.9	0.01	0.07	9.0	0.040
202474		14.7	400	19.2	13.3	<0.001	0.02	0.61	2.5	0.3	0.7	7.9	<0.01	0.05	5.2	0.038
202475		9.6	420	14.1	10.5	<0.001	0.02	0.71	2.0	0.2	0.7	6.5	<0.01	0.06	3.5	0.059
202476		11.2	490	20.6	12.3	<0.001	0.02	0.71	2.3	0.4	0.7	7.5	<0.01	0.06	4.1	0.037
202477		8.4	190	5.8	8.5	<0.001	0.01	0.35	1.1	<0.2	0.4	3.2	<0.01	0.04	4.6	0.033
202478		24.0	560	21.4	13.2	<0.001	0.02	0.80	3.8	0.8	0.6	9.7	0.01	0.06	9.0	0.031
202479		5.4	400	49.3	10.4	<0.001	0.04	0.57	1.9	0.4	1.0	10.0	<0.01	0.08	4.8	0.017
202480		14.2	480	13.4	6.5	<0.001	0.03	0.60	1.8	0.3	0.3	5.3	<0.01	0.04	7.0	0.029
202481		12.4	710	9.3	4.0	<0.001	0.03	0.54	1.2	0.3	0.2	6.6	<0.01	0.03	5.1	0.028
202482		29.6	340	17.8	11.8	<0.001	0.02	0.96	3.9	0.7	0.6	12.0	<0.01	0.06	10.3	0.041
202483		20.7	910	19.7	11.6	<0.001	0.05	1.10	2.7	1.0	0.5	9.0	<0.01	0.09	9.4	0.024
202484		39.9	870	13.0	8.3	<0.001	0.05	1.25	2.1	0.6	0.4	6.4	0.01	0.10	11.6	0.017
202485		26.5	800	96.9	19.3	<0.001	0.13	0.92	3.8	0.7	0.6	17.2	<0.01	0.03	4.1	0.054
202486		19.2	1440	30.0	12.6	<0.001	0.22	1.26	1.3	1.5	0.3	23.8	0.01	0.06	1.1	0.015
202487		13.8	1230	27.7	8.0	<0.001	0.25	1.09	0.6	1.0	0.3	23.4	<0.01	0.04	0.5	0.011
202488		18.8	1410	38.1	8.5	<0.001	0.21	0.98	1.0	1.2	0.3	24.2	0.01	0.06	1.2	0.015
202489		16.1	490	19.7	14.1	<0.001	0.09	0.62	2.7	0.6	0.5	15.3	0.01	0.05	5.2	0.050
202490		17.1	470	21.1	14.3	<0.001	0.09	0.63	2.8	0.6	0.5	15.9	<0.01	0.04	5.2	0.051
202491		16.9	510	32.7	29.3	<0.001	0.06	0.61	3.0	0.4	0.7	14.2	<0.01	0.05	4.0	0.067
202492		24.9	1000	101.5	20.1	<0.001	0.14	1.60	2.9	1.1	0.5	19.8	0.01	0.05	3.0	0.041
202493		15.6	1320	34.1	13.1	<0.001	0.21	0.94	1.5	1.1	0.3	23.3	<0.01	0.05	1.5	0.018
202494		15.7	1410	44.1	15.7	<0.001	0.15	0.73	2.7	1.2	0.5	21.9	0.01	0.05	3.1	0.034
202495		9.9	970	24.5	4.7	<0.001	0.22	0.74	0.7	0.9	0.2	25.3	<0.01	0.04	0.7	0.006
202496		14.8	980	30.5	8.0	<0.001	0.18	0.65	1.5	0.8	0.3	26.6	<0.01	0.03	1.5	0.020
202497		24.0	860	33.0	17.1	<0.001	0.12	0.82	3.2	0.8	0.5	23.4	0.01	0.05	3.5	0.047
202498		22.1	620	24.2	19.2	<0.001	0.03	0.64	4.3	0.3	0.6	19.1	<0.01	0.03	7.5	0.069
202499		17.2	640	9.9	10.0	<0.001	0.03	0.33	2.2	0.4	0.5	8.9	<0.01	0.06	3.5	0.037
202500		39.0	930	8.3	9.1	<0.001	0.03	0.47	11.6	0.6	0.6	11.0	<0.01	0.04	15.5	0.042
201501		23.7	820	7.9	8.2	<0.001	0.02	0.51	4.9	0.4	0.6	13.2	<0.01	0.05	9.2	0.050
201502		27.0	710	8.3	8.9	<0.001	0.02	0.50	6.9	0.3	0.5	12.1	<0.01	0.04	14.8	0.049
201503		24.9	840	7.8	10.0	<0.001	0.03	0.46	4.8	0.3	0.6	9.9	<0.01	0.08	4.8	0.038

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 20-SEP-2006
Account: EIA

Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070798

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
202464		0.37	1.18	24	0.14	2.45	30	<0.5
202465		0.17	1.04	28	0.15	4.91	57	<0.5
202466		0.19	2.48	30	0.14	13.20	73	1.4
202467		0.18	1.70	32	0.14	4.82	65	1.3
202468		0.17	1.56	44	0.21	4.74	76	1.5
202469		0.14	0.75	57	0.17	3.86	58	0.6
202470		<0.02	0.09	<1	<0.05	1.13	4	0.8
202471		0.15	1.19	52	0.19	4.54	68	1.0
202472		0.20	0.96	57	0.18	4.60	66	1.2
202473		0.20	1.75	46	0.19	6.33	73	1.3
202474		0.17	0.56	53	0.21	2.57	54	1.5
202475		0.11	0.44	58	0.23	1.97	37	0.6
202476		0.15	0.61	63	0.25	2.15	42	0.7
202477		0.07	0.42	27	0.12	2.29	28	0.6
202478		0.18	1.34	49	0.20	4.98	49	2.7
202479		0.20	1.03	49	0.19	2.77	17	0.7
202480		0.08	0.79	37	0.11	2.34	50	2.5
202481		0.05	1.00	30	0.11	2.89	44	0.8
202482		0.17	2.75	46	0.17	5.12	61	2.9
202483		0.17	2.81	40	0.17	3.62	50	1.9
202484		0.13	2.52	30	0.12	7.21	71	2.0
202485		0.19	6.73	34	0.23	11.90	450	1.0
202486		0.21	7.50	14	0.11	21.10	107	1.0
202487		0.20	4.43	9	0.05	7.30	93	0.7
202488		0.20	10.90	12	0.08	11.50	61	0.8
202489		0.15	4.21	23	0.23	6.91	91	0.6
202490		0.14	4.13	23	0.30	7.28	97	0.6
202491		0.23	0.96	35	0.28	5.41	80	0.5
202492		0.23	8.36	25	0.18	15.95	477	0.8
202493		0.18	3.53	15	0.14	13.45	96	0.9
202494		0.28	3.40	22	0.19	18.60	105	1.0
202495		0.11	0.73	6	0.06	5.48	83	1.0
202496		0.12	1.07	13	0.08	5.10	57	1.1
202497		0.20	1.40	28	0.18	8.67	137	1.2
202498		0.16	1.09	36	0.29	7.54	106	1.4
202499		0.10	2.45	46	0.39	3.04	35	<0.5
202500		0.10	3.35	43	0.24	9.96	51	0.9
201501		0.07	2.45	45	0.34	5.84	42	0.6
201502		0.07	3.03	46	0.33	6.85	41	0.8
201503		0.08	2.10	43	0.19	6.82	37	<0.5

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CERTIFICATE OF ANALYSIS WN06070798

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
201504		0.66	0.019	0.04	1.73	5.5	<10	160	1.00	0.22	0.41	0.21	129.00	13.0	28	3.35
201505		0.30	0.007	0.04	2.04	6.6	<10	180	1.09	0.32	0.18	0.26	75.30	13.8	22	3.61
201506		0.46	<0.005	0.03	0.77	6.8	<10	160	0.24	0.63	0.19	0.08	34.80	8.7	16	3.56
201507		0.32	0.011	0.02	1.36	5.6	<10	110	0.63	0.47	0.10	0.08	37.60	10.6	23	5.00
201508		0.68	<0.005	0.02	1.53	10.1	<10	120	0.66	0.53	0.14	0.11	106.00	12.6	25	2.19
201509		0.28	0.007	0.03	1.76	7.2	<10	130	0.96	2.02	0.22	0.09	87.20	34.2	26	3.23
201510		0.28	<0.005	0.03	1.64	8.4	<10	120	1.04	1.75	0.19	0.08	79.40	31.2	26	3.68
201511		0.44	0.006	0.04	1.59	9.1	<10	130	1.45	0.55	0.25	0.22	118.50	15.9	29	4.61
201512		0.48	0.012	0.03	1.69	7.9	<10	80	1.61	0.49	0.26	0.18	152.00	17.4	26	4.92
201513		0.48	0.006	0.02	1.25	7.8	<10	70	0.49	0.74	0.11	0.10	47.20	12.8	22	2.13
201514		0.26	0.009	0.05	2.41	8.7	<10	70	1.05	0.89	0.12	0.12	86.10	22.8	31	2.44
201515		0.48	0.005	0.02	1.87	8.0	<10	110	0.80	0.39	0.16	0.15	34.10	16.7	25	1.82
201516		0.22	<0.005	0.05	0.62	5.0	<10	170	0.23	0.49	0.17	0.18	35.70	13.4	15	2.20
201517		0.30	<0.005	0.06	1.94	8.2	<10	70	0.68	0.51	0.08	0.22	26.30	13.9	28	2.93
201518		0.40	<0.005	0.03	2.23	10.3	<10	100	1.01	0.33	0.07	0.16	34.60	12.4	29	1.86
201519		0.34	<0.005	0.06	1.16	11.3	<10	70	0.72	1.05	0.16	0.14	55.50	26.3	18	2.96
201520		0.28	<0.005	0.12	0.55	2.3	<10	50	0.18	0.20	0.08	0.22	21.90	2.8	9	1.88
201521		0.20	0.005	0.09	0.78	2.9	<10	50	0.35	0.28	0.09	0.10	59.50	5.3	13	4.07
201522		0.28	<0.005	0.14	0.39	1.3	<10	60	0.10	0.15	0.05	0.23	21.30	1.9	7	1.19
201523		0.20	<0.005	0.08	1.24	2.6	<10	80	0.86	0.29	0.09	0.09	142.00	8.4	13	7.44
201524		0.46	<0.005	0.15	1.40	17.1	<10	30	0.28	0.78	0.03	0.06	25.90	4.9	20	2.34
201525		0.34	0.014	0.09	1.89	12.0	<10	70	0.48	0.42	0.05	0.16	43.90	9.7	22	2.05
201526		0.58	<0.005	0.12	2.21	11.5	<10	90	0.61	0.43	0.05	0.16	34.90	12.1	24	2.05
201527		0.44	<0.005	0.11	1.13	7.1	<10	60	0.59	0.31	0.06	0.13	44.60	9.2	20	1.89
201528		0.42	<0.005	0.03	1.45	16.0	<10	50	0.34	0.84	0.08	0.12	29.80	6.9	22	2.61
201529		0.16	<0.005	0.57	0.74	3.8	<10	100	0.40	0.15	2.51	0.81	29.00	4.3	10	1.95
201530		0.06	<0.005	0.01	0.01	0.2	<10	<10	<0.05	0.10	0.01	0.05	1.33	0.1	<1	<0.05
201531		0.22	<0.005	0.23	1.47	14.8	<10	140	0.73	0.47	0.99	0.72	58.30	11.1	18	3.64
201532		0.50	<0.005	0.06	1.25	9.7	<10	90	0.50	0.28	0.23	0.27	40.10	7.2	14	4.40
201533		0.34	<0.005	0.05	1.00	13.8	<10	50	0.32	0.52	0.08	0.19	39.30	6.5	16	2.10
201534		0.34	<0.005	0.06	1.29	21.3	<10	40	0.34	0.73	0.05	0.07	36.20	4.6	20	2.43
201535		0.26	<0.005	0.13	0.61	7.7	<10	30	0.15	0.36	0.04	0.10	21.70	3.2	10	1.10
201536		0.52	<0.005	0.04	2.67	17.7	<10	50	0.68	0.53	0.02	0.09	35.80	8.1	28	1.66
201537		0.46	<0.005	0.09	1.89	25.7	<10	60	0.92	0.83	0.04	0.17	42.60	10.8	22	2.92
201538		0.46	<0.005	0.07	1.71	33.2	<10	50	0.57	1.13	0.03	0.07	32.80	4.6	22	3.21
201539		0.50	<0.005	0.06	1.10	29.8	<10	60	0.47	1.07	0.05	0.15	46.70	11.3	18	2.72
201540		0.16	<0.005	0.22	0.44	6.1	<10	30	0.13	0.33	0.05	0.19	18.95	2.1	8	1.29
201541		0.32	<0.005	0.06	0.86	11.4	<10	50	0.34	0.50	0.09	0.17	33.70	4.8	16	1.62
201542		0.24	<0.005	0.06	1.12	17.8	<10	40	0.37	0.69	0.04	0.12	29.70	5.3	18	1.57
201543		0.60	<0.005	0.03	1.92	14.0	<10	60	0.43	0.48	0.03	0.07	38.00	6.4	23	1.97

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 20-SEP-2006
Account: EIA

Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070798

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
201504		39.2	2.75	6.60	0.18	0.04	0.13	0.019	0.11	67.4	19.1	1.64	864	0.86	0.01	0.58
201505		30.9	2.83	6.69	0.08	<0.02	0.14	0.035	0.09	28.1	18.9	0.81	2330	1.59	0.01	0.54
201506		11.3	2.56	3.75	<0.05	<0.02	0.03	0.016	0.08	14.0	4.6	0.28	1380	1.07	0.01	0.32
201507		10.0	3.53	5.72	0.06	<0.02	0.02	0.023	0.20	15.4	17.2	0.50	1275	1.04	0.01	1.03
201508		25.0	3.23	5.52	0.08	0.02	0.03	0.034	0.06	25.5	19.8	0.57	748	1.04	0.01	0.71
201509		30.5	3.69	6.61	0.08	0.03	0.04	0.045	0.11	19.4	27.6	0.89	2150	0.98	0.01	0.51
201510		31.5	3.78	6.49	0.08	0.02	0.03	0.057	0.11	19.0	29.6	0.76	1840	1.08	0.01	0.63
201511		253.0	3.10	6.65	0.11	0.04	0.04	0.031	0.08	38.3	18.8	0.92	1160	1.07	0.01	0.81
201512		254.0	3.38	6.31	0.15	0.06	0.02	0.028	0.08	46.1	20.9	1.21	1155	1.21	0.01	0.68
201513		57.4	2.64	6.56	0.06	<0.02	0.03	0.025	0.09	21.2	13.7	0.42	475	1.77	0.01	0.97
201514		415.0	3.08	8.14	0.12	0.04	0.09	0.061	0.07	52.0	22.0	1.42	731	1.72	0.01	0.58
201515		97.7	2.62	7.54	0.05	<0.02	0.06	0.021	0.09	15.2	20.4	1.07	485	1.87	0.01	0.59
201516		14.2	2.22	4.90	0.05	<0.02	0.05	0.013	0.10	17.5	2.5	0.18	964	1.44	0.01	0.39
201517		33.9	3.75	9.03	0.05	0.02	0.16	0.027	0.12	12.3	22.9	0.46	487	1.88	0.01	1.83
201518		19.2	3.38	6.86	0.06	0.03	0.05	0.030	0.06	16.2	22.4	0.41	267	1.39	0.01	1.76
201519		84.6	3.63	5.38	0.07	0.02	0.11	0.066	0.08	29.2	11.1	0.55	1330	1.98	0.01	0.71
201520		18.0	1.19	2.61	<0.05	<0.02	0.10	0.018	0.04	12.9	3.7	0.14	123	0.68	0.01	0.28
201521		26.2	1.77	4.66	0.06	<0.02	0.06	0.012	0.04	32.3	7.9	0.26	231	1.17	0.01	0.28
201522		6.7	0.79	2.01	<0.05	<0.02	0.07	0.009	0.04	10.4	1.3	0.06	48	0.77	0.01	0.19
201523		61.8	2.08	4.74	0.12	0.03	0.07	0.017	0.05	77.0	10.3	0.35	218	1.17	0.01	0.31
201524		14.0	5.29	10.30	0.06	0.03	0.04	0.026	0.04	12.7	13.5	0.17	274	2.01	0.01	1.47
201525		25.2	3.63	6.98	0.05	0.03	0.04	0.031	0.07	18.2	20.9	0.31	438	1.57	0.01	1.14
201526		14.9	3.84	7.79	0.06	0.03	0.03	0.030	0.07	17.2	27.8	0.54	352	2.15	0.01	1.16
201527		15.1	2.57	4.23	0.07	0.02	0.03	0.018	0.05	22.3	20.9	0.38	371	1.39	0.01	1.11
201528		25.5	3.56	5.68	0.05	0.04	0.04	0.031	0.06	14.7	23.1	0.51	329	1.36	0.01	1.16
201529		31.1	0.90	1.40	0.11	0.10	0.10	0.015	0.05	49.7	4.7	0.31	1400	1.24	0.02	0.23
201530		1.1	0.02	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.7	0.2	<0.01	5	0.05	0.01	<0.05
201531		23.0	2.51	4.49	0.17	0.10	0.05	0.032	0.08	61.9	19.5	0.56	2140	1.89	0.02	0.62
201532		9.7	2.34	4.08	0.06	0.03	0.03	0.019	0.08	19.4	22.4	0.73	1945	1.00	0.02	0.86
201533		17.9	2.67	6.37	0.07	0.02	0.04	0.021	0.05	15.0	13.3	0.23	299	2.30	<0.01	1.17
201534		14.1	3.88	9.34	0.09	<0.02	0.04	0.028	0.05	17.4	11.1	0.17	310	3.00	0.01	2.04
201535		15.8	1.19	3.86	0.06	<0.02	0.06	0.011	0.04	10.4	2.2	0.07	56	2.24	0.01	0.45
201536		24.2	4.90	11.05	0.10	0.03	0.07	0.040	0.04	15.2	25.8	0.17	295	2.39	<0.01	2.18
201537		31.0	3.57	5.87	0.08	<0.02	0.08	0.026	0.08	18.4	25.8	0.47	812	2.79	0.01	1.48
201538		33.2	5.28	9.18	0.09	<0.02	0.06	0.025	0.06	15.9	19.5	0.23	236	3.85	0.01	1.70
201539		23.8	3.31	4.76	0.10	<0.02	0.04	0.018	0.06	19.1	20.2	0.48	568	2.96	0.01	0.95
201540		12.3	0.85	3.69	<0.05	<0.02	0.07	0.008	0.05	9.3	2.1	0.06	64	1.80	0.01	0.45
201541		18.5	2.04	4.72	0.08	<0.02	0.03	0.014	0.05	17.6	8.7	0.18	228	2.53	0.01	0.57
201542		24.5	4.07	9.14	0.08	<0.02	0.08	0.022	0.05	13.8	9.4	0.16	196	3.36	0.01	1.27
201543		15.7	3.88	9.84	0.05	0.03	0.05	0.027	0.05	18.3	15.2	0.21	340	2.52	0.01	1.47

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
201504		27.8	1010	7.3	15.7	<0.001	0.02	0.46	6.9	0.5	0.7	16.4	<0.01	0.14	14.6	0.068
201505		23.2	970	11.7	22.5	<0.001	0.09	0.61	2.3	0.7	0.7	10.3	<0.01	0.09	1.5	0.040
201506		7.4	950	12.9	17.6	<0.001	0.08	0.31	0.8	0.2	0.4	6.2	<0.01	0.06	0.6	0.048
201507		14.2	570	14.6	29.0	<0.001	0.04	0.41	1.6	0.3	0.6	7.5	<0.01	0.05	2.8	0.101
201508		25.7	410	11.5	14.3	<0.001	0.02	0.56	2.7	<0.2	0.5	10.0	<0.01	0.04	3.2	0.051
201509		26.5	470	7.8	21.6	<0.001	0.04	0.30	2.3	<0.2	0.5	8.3	<0.01	0.12	3.6	0.123
201510		24.3	470	9.4	25.2	<0.001	0.04	0.35	2.1	0.2	0.5	8.2	<0.01	0.10	3.6	0.102
201511		28.7	680	9.2	18.3	<0.001	0.04	0.54	4.3	0.5	0.7	11.0	<0.01	0.06	6.2	0.068
201512		33.4	950	6.9	15.0	<0.001	0.01	0.59	4.0	0.5	0.5	13.2	<0.01	0.21	13.8	0.060
201513		16.8	300	9.2	17.0	<0.001	0.01	0.51	2.2	0.3	0.6	7.7	<0.01	0.13	4.3	0.057
201514		24.5	960	10.8	16.3	<0.001	0.05	0.44	3.5	0.9	0.5	7.5	<0.01	0.27	7.8	0.038
201515		20.1	420	6.9	27.7	<0.001	0.03	0.39	2.3	0.4	0.7	7.9	<0.01	0.11	2.6	0.065
201516		10.0	610	6.7	36.6	<0.001	0.06	0.45	1.0	0.3	0.6	7.1	<0.01	0.05	0.7	0.045
201517		16.1	630	8.4	30.4	<0.001	0.05	0.59	2.5	0.6	0.9	6.8	<0.01	0.08	4.6	0.079
201518		23.4	370	11.8	19.1	<0.001	0.02	0.69	3.2	0.6	0.8	10.1	0.01	0.05	6.0	0.064
201519		18.8	640	10.1	22.0	<0.001	0.04	0.49	2.7	0.4	0.4	6.6	<0.01	0.06	7.9	0.029
201520		7.6	970	6.3	5.4	<0.001	0.08	0.27	0.9	0.6	0.2	4.4	<0.01	0.05	0.4	0.012
201521		12.9	930	7.2	7.0	<0.001	0.06	0.40	1.1	0.5	0.3	4.7	<0.01	0.07	1.9	0.014
201522		5.1	1240	4.5	3.9	<0.001	0.10	0.17	0.5	0.5	0.3	4.1	<0.01	0.04	<0.2	0.009
201523		21.6	1040	6.7	9.7	<0.001	0.08	0.27	1.4	0.9	0.3	6.8	<0.01	0.08	3.3	0.018
201524		10.6	440	19.3	10.5	<0.001	0.01	0.65	2.0	0.5	0.7	5.6	<0.01	0.08	6.5	0.030
201525		19.7	590	28.4	13.9	<0.001	0.03	0.68	2.7	0.5	0.6	6.5	0.01	0.06	5.1	0.031
201526		21.5	460	16.3	14.5	<0.001	0.02	0.69	2.8	0.4	0.7	7.5	<0.01	0.07	8.2	0.030
201527		22.1	250	68.5	9.4	<0.001	0.01	1.14	1.7	0.2	0.3	5.6	<0.01	0.04	16.5	0.030
201528		17.0	290	20.2	18.1	<0.001	0.02	0.60	2.1	<0.2	0.4	8.0	<0.01	0.06	5.5	0.044
201529		12.6	2750	8.2	8.4	0.001	0.32	0.59	1.1	2.0	<0.2	45.9	0.01	0.03	1.0	0.008
201530		0.3	10	1.1	0.1	<0.001	0.01	0.13	0.1	<0.2	<0.2	0.8	<0.01	<0.01	0.3	<0.005
201531		18.1	1790	33.3	19.5	<0.001	0.15	0.81	2.8	1.7	0.3	23.3	0.01	0.08	2.3	0.022
201532		12.2	610	17.9	18.0	<0.001	0.04	0.44	2.1	0.4	0.3	8.6	<0.01	0.05	4.4	0.045
201533		14.2	450	13.3	9.7	<0.001	0.03	0.78	1.5	0.6	0.6	8.8	<0.01	0.06	3.2	0.032
201534		9.1	490	19.1	10.2	<0.001	0.02	0.97	1.5	0.7	0.9	9.4	<0.01	0.08	4.6	0.061
201535		6.4	900	7.7	4.9	<0.001	0.06	0.76	0.5	0.6	0.5	6.7	<0.01	0.04	<0.2	0.012
201536		16.6	660	12.5	8.6	<0.001	0.02	0.92	2.5	1.0	1.0	6.4	0.02	0.09	7.9	0.049
201537		20.6	820	11.3	22.3	<0.001	0.05	1.12	1.5	0.9	0.5	9.2	0.01	0.11	4.6	0.045
201538		12.8	580	10.9	13.6	<0.001	0.03	1.43	1.6	0.9	0.8	6.1	0.01	0.13	11.2	0.038
201539		24.6	630	9.6	17.3	<0.001	0.03	1.49	1.1	0.7	0.4	8.6	<0.01	0.09	3.5	0.034
201540		5.0	650	6.6	8.2	<0.001	0.04	0.54	0.5	0.4	0.5	6.6	<0.01	0.03	<0.2	0.011
201541		12.4	640	8.7	9.4	<0.001	0.04	0.72	0.8	0.5	0.5	9.3	<0.01	0.05	0.8	0.017
201542		14.0	700	11.1	8.5	<0.001	0.04	1.17	1.3	0.8	0.7	6.6	0.01	0.09	2.9	0.033
201543		13.0	430	15.2	10.1	<0.001	0.01	0.78	2.6	<0.2	0.9	7.9	<0.01	0.14	7.3	0.035

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
201504		0.11	4.23	45	1.00	14.35	40	1.2
201505		0.18	1.21	44	0.18	8.04	45	<0.5
201506		0.21	0.69	36	0.08	2.52	38	<0.5
201507		0.27	0.87	48	0.12	4.60	47	0.6
201508		0.14	0.94	45	0.20	5.88	57	<0.5
201509		0.26	1.60	34	0.08	7.86	37	0.5
201510		0.23	1.39	36	0.11	6.80	38	0.5
201511		0.13	1.98	46	0.44	14.45	54	0.5
201512		0.10	1.65	42	0.68	16.10	50	1.1
201513		0.14	0.88	53	0.25	4.18	33	<0.5
201514		0.17	3.59	43	0.19	12.30	35	<0.5
201515		0.14	1.14	46	0.22	3.70	37	<0.5
201516		0.15	0.83	43	0.13	2.52	21	<0.5
201517		0.19	0.98	62	0.27	3.30	41	0.5
201518		0.16	0.89	60	0.37	4.46	51	0.8
201519		0.14	3.89	34	0.21	7.73	29	<0.5
201520		0.06	1.60	16	0.09	2.06	22	<0.5
201521		0.06	2.30	21	0.15	3.70	30	<0.5
201522		0.06	1.01	9	0.05	1.56	15	<0.5
201523		0.11	4.80	20	0.11	8.60	24	<0.5
201524		0.18	0.60	68	0.20	2.41	50	1.0
201525		0.16	0.76	65	0.18	3.43	88	0.5
201526		0.16	1.21	60	0.20	2.85	67	0.7
201527		0.09	1.42	26	0.13	3.89	61	0.5
201528		0.16	0.56	41	0.18	2.86	89	0.9
201529		0.12	2.59	7	0.08	34.00	49	1.2
201530		<0.02	0.10	<1	<0.05	0.80	5	0.5
201531		0.25	3.12	28	0.15	32.30	117	1.5
201532		0.27	0.97	22	0.09	5.98	104	0.7
201533		0.15	0.90	41	0.25	3.84	48	0.7
201534		0.15	0.94	73	0.28	2.52	34	0.6
201535		0.14	0.96	28	0.15	2.01	24	<0.5
201536		0.15	1.50	76	0.28	3.78	47	1.2
201537		0.19	1.49	34	0.18	4.19	75	<0.5
201538		0.14	1.92	49	0.21	4.51	55	0.5
201539		0.15	1.31	26	0.15	5.33	60	<0.5
201540		0.07	0.73	21	0.12	1.63	30	<0.5
201541		0.11	1.13	30	0.16	4.09	34	<0.5
201542		0.09	1.34	50	0.22	4.36	45	<0.5
201543		0.20	1.06	81	0.23	3.55	55	0.8

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 20-SEP-2006
Account: EIA

Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070798

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
201544		0.36	<0.005	0.05	1.30	15.2	<10	40	0.38	0.56	0.03	0.08	34.30	5.2	23	1.52
201545		0.32	<0.005	0.18	0.48	8.0	<10	60	0.18	0.32	0.08	0.13	18.15	3.0	11	1.02
201546		0.16	<0.005	0.21	0.49	10.4	<10	30	0.19	0.42	0.06	0.15	17.80	3.6	15	1.04
201547		0.58	<0.005	0.10	1.74	23.7	<10	100	0.86	0.79	0.46	0.12	73.70	14.4	24	1.78
201548		0.60	<0.005	0.04	1.63	19.6	<10	60	0.95	0.58	0.16	0.25	65.00	14.8	21	1.08
201549		0.46	<0.005	0.13	1.48	18.2	<10	120	0.53	0.92	0.39	0.20	46.50	16.8	56	4.21
201550		0.46	<0.005	0.10	1.46	20.1	<10	120	0.54	1.00	0.31	0.18	43.60	18.0	53	3.88
203001		0.22	<0.005	0.16	0.39	4.1	<10	60	0.25	0.08	2.63	0.33	15.45	3.0	5	0.49
203002		0.36	<0.005	0.10	0.87	11.2	<10	80	0.36	0.33	2.03	0.15	18.85	7.3	14	0.97
203003		0.20	<0.005	0.13	0.70	9.3	<10	90	0.33	0.29	2.16	0.43	20.80	7.4	13	0.82
202051		0.42	<0.005	0.84	0.72	30.4	<10	50	0.17	2.51	0.30	0.12	88.10	81.8	27	0.21
201692		0.24	<0.005	0.09	1.46	4.9	<10	80	0.60	0.30	0.08	0.08	88.90	8.7	23	10.85
201693		0.50	<0.005	0.02	0.68	2.0	<10	30	0.10	0.09	0.02	0.03	70.10	1.2	10	2.45
201694		0.44	<0.005	0.04	0.69	4.1	<10	40	0.18	0.17	0.06	0.05	57.40	2.6	12	2.12
201695		0.30	<0.005	0.07	0.62	4.4	<10	30	0.16	0.15	0.10	0.07	26.00	3.8	16	4.89
201696		0.36	<0.005	0.11	0.59	7.4	<10	30	0.20	0.26	0.02	0.08	20.50	2.3	9	2.03
201697		0.42	<0.005	0.46	1.91	20.2	<10	40	0.64	0.56	0.06	0.08	86.90	7.0	27	7.28
201698		0.48	<0.005	0.24	0.69	8.7	<10	90	0.27	0.37	0.12	0.21	26.20	3.0	11	2.51
201699		0.28	<0.005	0.41	1.63	19.3	<10	40	0.62	0.57	0.07	0.13	94.20	11.8	22	3.67
201700		0.30	<0.005	0.21	2.17	14.7	<10	140	1.04	0.50	0.67	0.27	79.60	19.0	33	6.64
201701		0.44	<0.005	0.12	1.40	13.5	<10	50	0.75	0.45	0.12	0.22	57.10	14.8	24	3.25
201702		0.36	<0.005	0.10	1.15	9.9	<10	60	0.42	0.30	0.07	0.08	23.30	5.4	19	4.81
201703		0.48	<0.005	0.02	0.60	2.6	<10	30	0.13	0.30	0.02	0.05	22.30	1.7	11	5.47
201704		0.26	<0.005	0.15	1.37	26.4	<10	90	0.74	0.49	0.14	0.35	36.40	14.3	52	11.80
201705		0.30	<0.005	0.66	1.75	23.9	<10	30	0.76	0.88	0.04	0.11	138.00	5.0	15	5.37
201706		0.28	<0.005	0.10	1.07	17.8	<10	50	0.32	0.46	0.07	0.10	30.40	5.2	15	2.11
201707		0.22	<0.005	0.51	1.32	18.4	<10	60	0.63	1.37	0.08	0.07	62.20	2.9	15	3.62
201708		0.30	0.007	0.24	1.10	40.6	<10	50	0.56	0.95	0.07	0.21	30.70	5.1	16	2.61
201709		0.24	0.008	0.20	0.42	4.5	<10	50	0.12	0.23	0.06	0.19	21.70	1.9	9	1.19
201710		0.06	<0.005	0.01	0.01	<0.1	<10	<10	<0.05	0.01	<0.01	0.04	1.18	0.1	<1	<0.05
201711		0.24	0.008	0.41	0.49	11.3	<10	50	0.30	0.36	0.04	0.35	27.00	2.8	8	1.22
201712		0.62	<0.005	0.07	2.20	24.3	<10	60	0.61	0.65	0.04	0.09	54.10	12.5	30	2.01
201713		0.44	<0.005	0.27	2.63	35.0	<10	110	1.60	1.08	0.10	0.28	78.50	42.5	33	4.33
201714		0.72	<0.005	0.15	1.96	23.8	<10	70	1.31	1.05	0.10	0.14	185.00	41.0	24	3.85
201715		0.46	0.005	0.33	2.31	40.0	<10	80	1.19	1.76	0.07	0.12	78.20	23.5	33	8.08
201716		0.28	<0.005	0.32	2.38	33.3	<10	100	1.90	1.88	0.11	0.46	167.00	49.5	24	4.61
201717		0.48	<0.005	0.31	2.22	38.4	<10	60	2.12	4.65	0.08	0.24	161.00	37.6	24	4.93
201718		0.60	<0.005	0.33	2.28	43.8	<10	70	2.94	1.74	0.04	0.16	206.00	41.1	25	5.34
201719		0.56	<0.005	0.20	2.14	22.9	<10	70	1.78	0.96	0.07	0.34	220.00	37.2	24	2.00
201720		0.60	<0.005	0.19	2.26	23.1	<10	70	1.73	1.03	0.05	0.24	249.00	41.6	25	2.82

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Finalized Date: 20-SEP-2006
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Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070798

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
201544		20.0	3.17	8.60	<0.05	0.02	0.07	0.019	0.05	16.7	10.4	0.12	214	3.11	0.01	1.58
201545		16.1	1.29	2.44	<0.05	<0.02	0.10	0.013	0.05	10.2	2.1	0.07	91	2.07	0.02	0.46
201546		18.8	1.51	3.48	<0.05	<0.02	0.07	0.014	0.05	9.6	2.0	0.08	107	2.75	0.02	0.67
201547		32.8	3.54	4.47	0.08	0.17	0.07	0.038	0.07	63.3	18.5	0.55	1005	2.68	0.02	0.59
201548		47.1	3.35	3.66	0.06	0.10	0.03	0.032	0.05	29.0	20.7	0.46	493	2.40	0.02	1.01
201549		39.4	3.70	7.45	0.07	0.15	0.05	0.046	0.12	21.4	20.3	1.08	1960	3.29	<0.01	7.25
201550		40.5	3.76	7.32	0.08	0.14	0.04	0.046	0.11	20.6	20.9	1.09	2060	3.38	<0.01	6.56
203001		25.3	0.57	0.95	0.05	0.07	0.10	0.010	0.03	24.0	2.3	0.24	812	0.74	0.01	0.22
203002		24.8	1.82	2.56	0.05	0.06	0.07	0.020	0.04	10.9	9.1	0.38	670	1.40	<0.01	0.52
203003		23.7	1.38	2.07	0.05	0.07	0.09	0.018	0.05	15.6	7.1	0.38	852	1.49	0.01	0.46
202051		679.0	46.40	4.35	0.57	0.31	0.04	0.106	0.16	27.8	3.4	0.04	3230	1.68	0.05	0.32
201692		7.9	2.46	5.69	0.08	0.02	0.06	0.019	0.06	51.6	18.5	0.47	197	1.06	<0.01	0.68
201693		3.1	0.98	6.16	0.05	<0.02	0.03	0.007	0.03	34.1	1.5	0.05	48	0.53	<0.01	0.25
201694		5.7	1.68	6.03	0.05	<0.02	0.04	0.009	0.04	28.6	2.5	0.08	117	1.06	<0.01	0.54
201695		6.7	1.24	4.91	<0.05	<0.02	0.03	0.009	0.07	13.2	4.2	0.18	206	0.96	<0.01	0.65
201696		16.5	1.14	5.68	<0.05	<0.02	0.02	0.011	0.03	11.3	3.9	0.14	78	1.95	<0.01	0.66
201697		71.5	6.86	5.83	0.13	0.06	0.07	0.042	0.10	36.9	21.3	0.54	228	3.06	<0.01	1.21
201698		16.3	1.85	5.32	<0.05	<0.02	0.04	0.016	0.04	13.7	2.3	0.08	156	2.52	<0.01	0.58
201699		57.1	4.54	5.44	0.10	0.04	0.08	0.034	0.07	40.7	18.4	0.38	271	2.57	<0.01	1.29
201700		40.8	3.82	7.27	0.09	0.05	0.05	0.043	0.09	43.1	30.0	0.99	908	2.58	0.01	1.44
201701		30.1	3.84	5.34	0.08	0.03	0.03	0.048	0.06	24.4	26.2	0.63	590	1.53	<0.01	1.63
201702		14.6	2.98	5.88	0.05	<0.02	0.05	0.023	0.06	12.5	14.1	0.29	156	1.48	<0.01	1.95
201703		4.2	0.94	7.95	<0.05	<0.02	0.02	0.007	0.10	11.7	4.5	0.22	103	1.14	<0.01	1.10
201704		34.6	4.39	7.53	0.07	0.03	0.07	0.034	0.08	15.6	24.7	0.40	380	4.19	<0.01	2.79
201705		61.1	2.88	3.80	0.10	0.07	0.10	0.033	0.03	69.4	14.6	0.19	91	3.84	<0.01	0.92
201706		12.8	3.28	6.92	0.16	0.03	0.02	0.022	0.04	14.9	8.6	0.19	171	1.60	<0.01	1.43
201707		26.3	2.88	4.99	0.25	0.02	0.08	0.033	0.04	38.9	17.3	0.40	188	4.47	<0.01	1.06
201708		30.0	4.42	6.89	0.28	<0.02	0.06	0.038	0.05	18.4	3.8	0.10	182	5.45	<0.01	0.97
201709		14.4	0.83	3.00	0.24	<0.02	0.04	0.011	0.05	11.1	1.1	0.04	33	1.94	<0.01	0.17
201710		0.9	0.02	0.06	0.26	0.03	<0.01	<0.005	<0.01	0.6	0.1	<0.01	<5	0.06	<0.01	<0.05
201711		27.3	1.53	2.20	0.26	<0.02	0.07	0.020	0.05	16.2	1.0	0.05	49	2.93	<0.01	0.32
201712		31.8	5.13	8.77	0.36	0.07	0.03	0.036	0.05	25.8	24.3	0.43	257	1.96	<0.01	1.49
201713		84.1	4.73	6.94	0.33	0.04	0.05	0.056	0.08	28.1	38.3	0.58	610	2.48	0.01	1.59
201714		83.4	4.23	5.68	0.37	0.06	0.03	0.045	0.06	78.2	34.7	0.66	978	2.00	0.01	1.38
201715		127.0	5.17	7.34	0.29	0.04	0.06	0.071	0.07	33.7	26.4	0.50	381	4.87	<0.01	0.89
201716		109.0	4.76	6.14	0.35	0.07	0.06	0.076	0.07	71.6	35.7	0.51	1105	3.64	0.01	0.64
201717		109.0	4.55	5.69	0.32	0.07	0.11	0.054	0.06	74.0	42.4	0.55	542	3.89	0.01	0.32
201718		140.0	5.46	6.27	0.37	0.08	0.02	0.057	0.06	107.5	49.5	0.64	576	5.72	0.01	0.42
201719		75.3	4.32	6.09	0.30	0.08	0.04	0.038	0.05	82.3	47.6	0.70	823	1.99	0.01	0.41
201720		73.7	4.49	6.90	0.36	0.07	0.02	0.047	0.06	113.0	52.2	0.77	989	2.03	<0.01	0.35

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
201544		15.5	490	8.7	7.3	<0.001	0.03	0.90	1.9	<0.2	0.9	6.4	<0.01	0.07	5.3	0.038
201545		8.9	1170	7.0	5.3	<0.001	0.09	0.66	1.0	0.6	0.3	6.8	<0.01	0.05	0.4	0.013
201546		11.2	810	7.5	5.6	<0.001	0.06	0.82	1.1	0.6	0.5	5.9	<0.01	0.05	0.6	0.018
201547		34.0	1260	11.3	14.5	0.001	0.07	0.72	3.6	0.8	0.3	13.7	0.01	0.09	4.8	0.020
201548		32.4	910	11.5	6.8	<0.001	0.03	1.16	3.0	0.7	0.3	15.4	0.01	0.07	14.9	0.039
201549		45.1	750	16.0	24.9	<0.001	0.05	0.89	3.6	<0.2	0.8	15.3	0.01	0.16	3.2	0.200
201550		45.4	670	17.3	23.5	<0.001	0.04	0.88	3.3	<0.2	0.7	12.3	0.01	0.18	3.4	0.184
203001		9.2	1090	3.3	4.1	<0.001	0.21	0.39	0.9	1.2	<0.2	27.8	0.01	0.02	0.4	0.006
203002		15.6	1110	7.4	7.6	<0.001	0.16	0.53	1.6	1.3	0.2	23.2	0.01	0.04	0.9	0.015
203003		16.3	1280	6.4	7.0	<0.001	0.18	0.51	1.6	1.2	0.2	29.1	0.01	0.04	1.1	0.012
202051		99.3	1050	137.0	5.4	0.002	0.53	1.36	4.4	2.1	<0.2	27.8	0.03	0.11	15.6	<0.005
201692		18.6	570	10.8	15.8	<0.001	0.04	0.29	1.8	0.5	0.4	7.1	<0.01	0.03	2.4	0.015
201693		3.1	160	3.8	6.4	<0.001	<0.01	0.16	1.4	0.2	0.6	3.1	<0.01	0.01	4.0	0.010
201694		5.3	210	6.8	8.3	<0.001	0.01	0.33	1.5	0.3	0.7	4.2	<0.01	0.03	4.6	0.019
201695		8.9	360	6.6	12.7	<0.001	0.02	0.28	1.2	0.3	0.5	5.5	<0.01	0.02	0.5	0.018
201696		5.2	270	7.9	10.4	<0.001	0.01	0.34	1.1	0.3	0.6	3.0	<0.01	0.03	0.8	0.017
201697		19.9	800	25.2	19.5	<0.001	0.04	0.82	3.5	1.4	0.4	7.1	0.01	0.07	13.0	0.039
201698		6.7	330	15.6	9.3	<0.001	0.02	0.50	1.4	0.4	0.6	6.8	0.01	0.04	0.6	0.020
201699		28.4	810	23.6	16.1	<0.001	0.08	0.77	2.3	1.3	0.4	6.1	0.01	0.08	3.0	0.035
201700		31.1	1170	23.9	22.1	<0.001	0.08	0.64	3.7	0.7	0.6	15.8	0.01	0.07	3.2	0.049
201701		26.7	540	28.9	12.4	<0.001	0.02	0.75	2.7	0.2	0.4	8.2	0.01	0.06	7.7	0.052
201702		10.9	550	24.7	17.8	<0.001	0.04	0.60	1.7	0.6	0.6	5.6	<0.01	0.06	0.9	0.038
201703		2.7	120	10.2	15.0	<0.001	<0.01	0.24	1.5	<0.2	0.8	4.2	<0.01	0.03	1.7	0.062
201704		46.7	800	23.9	29.5	<0.001	0.06	1.70	2.1	0.4	0.8	9.8	0.01	0.08	1.2	0.092
201705		21.4	910	20.1	10.0	0.001	0.12	0.87	1.4	2.0	0.3	4.8	0.01	0.10	2.0	0.013
201706		10.0	210	12.6	7.8	<0.001	0.02	0.61	2.4	0.3	0.7	5.7	<0.01	0.05	5.1	0.031
201707		8.0	790	47.3	9.6	<0.001	0.09	0.72	1.6	1.0	0.4	12.6	0.01	0.10	1.6	0.013
201708		13.0	920	41.0	11.5	<0.001	0.06	1.17	2.0	0.6	0.7	6.7	<0.01	0.10	2.0	0.016
201709		5.0	490	11.7	4.3	<0.001	0.04	0.43	1.1	0.3	0.6	5.5	<0.01	0.03	0.3	0.007
201710		0.6	10	1.0	0.1	<0.001	0.01	<0.05	0.3	<0.2	<0.2	0.7	<0.01	0.01	0.2	<0.005
201711		10.2	1170	29.3	2.8	0.001	0.13	1.03	0.9	0.8	0.3	8.8	<0.01	0.09	<0.2	0.006
201712		27.2	420	13.4	9.3	<0.001	0.03	1.45	3.5	0.8	0.6	7.2	0.01	0.08	10.4	0.042
201713		86.8	650	18.1	14.0	0.001	0.04	1.99	4.2	1.2	0.6	13.4	0.01	0.11	9.3	0.042
201714		52.6	800	15.2	7.4	<0.001	0.04	1.67	3.5	1.1	0.3	9.1	0.02	0.08	20.1	0.018
201715		53.1	930	19.0	10.9	<0.001	0.05	3.96	3.7	1.8	0.5	9.1	0.01	0.17	6.4	0.029
201716		83.1	1270	20.3	9.4	<0.001	0.13	3.88	3.1	1.8	0.4	12.1	0.01	0.14	6.2	0.017
201717		70.3	1430	13.7	8.1	0.001	0.13	5.93	1.8	1.6	0.3	9.8	0.01	0.10	4.9	0.009
201718		81.1	1100	26.8	7.9	0.001	0.12	5.68	3.5	2.1	0.4	11.0	0.01	0.18	24.0	0.013
201719		57.3	680	26.9	5.9	<0.001	0.06	2.23	2.7	1.2	0.3	7.1	0.01	0.11	12.8	0.011
201720		53.6	600	24.9	7.1	<0.001	0.05	1.80	2.9	1.4	0.3	7.2	0.01	0.10	15.0	0.007

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 20-SEP-2006
Account: EIA

Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070798

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
201544		0.13	1.20	70	0.24	3.87	39	<0.5
201545		0.10	1.11	19	0.10	3.05	26	<0.5
201546		0.08	1.15	29	0.14	2.97	34	<0.5
201547		0.18	3.25	32	0.21	39.50	76	2.4
201548		0.09	2.94	30	0.22	14.35	81	2.1
201549		0.18	1.23	66	0.17	6.46	60	6.3
201550		0.18	1.31	63	0.17	5.24	60	6.1
203001		0.05	0.85	5	0.07	29.70	31	1.0
203002		0.08	2.28	17	0.10	8.47	39	1.4
203003		0.09	1.68	13	0.10	13.05	54	1.5
202051		0.29	1.21	14	0.24	62.50	92	17.0
201692		0.16	1.57	28	0.13	6.13	50	0.9
201693		0.09	0.36	25	0.07	2.26	10	<0.5
201694		0.09	0.58	41	0.10	2.39	21	<0.5
201695		0.13	0.49	28	0.12	1.71	19	<0.5
201696		0.14	0.58	23	0.15	2.36	24	<0.5
201697		0.21	4.00	36	0.18	12.65	102	0.6
201698		0.15	0.75	40	0.14	2.94	50	<0.5
201699		0.18	2.47	34	0.22	13.10	92	<0.5
201700		0.23	2.59	39	0.26	16.60	170	0.6
201701		0.11	1.37	32	0.20	8.48	299	0.6
201702		0.15	0.65	42	0.23	2.26	40	<0.5
201703		0.16	0.34	35	0.09	1.44	20	<0.5
201704		0.18	1.31	69	0.27	4.56	83	0.7
201705		0.16	5.06	21	0.17	22.90	50	<0.5
201706		0.12	0.57	46	0.21	3.03	38	1.0
201707		0.14	2.66	17	0.21	7.09	40	<0.5
201708		0.13	1.31	50	0.21	3.32	83	<0.5
201709		0.07	0.54	26	0.10	1.68	34	<0.5
201710		<0.02	0.08	<1	<0.05	0.69	6	0.7
201711		0.04	1.43	27	0.11	2.84	40	<0.5
201712		0.16	1.43	55	0.20	4.08	60	2.8
201713		0.18	2.11	52	0.23	7.82	103	1.1
201714		0.11	3.94	22	0.31	17.45	86	1.0
201715		0.19	4.15	47	0.19	9.38	74	0.5
201716		0.17	5.42	30	0.18	21.70	106	0.6
201717		0.13	5.72	23	0.11	14.30	113	0.9
201718		0.13	8.75	25	0.15	20.60	167	1.2
201719		0.08	3.35	21	0.15	16.15	172	1.1
201720		0.09	4.05	20	0.12	23.90	158	0.7

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CERTIFICATE OF ANALYSIS WN06070798

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
201721		0.34	0.005	0.28	2.68	36.4	<10	100	2.62	1.30	0.12	0.50	342.00	38.4	27	6.82
201722		0.40	<0.005	0.28	2.25	32.9	<10	50	2.87	0.88	0.07	2.17	341.00	91.7	23	4.08
201723		0.36	<0.005	0.26	1.42	27.1	<10	60	1.21	1.03	0.07	0.31	129.50	22.2	16	2.52
201724		0.46	0.006	0.29	2.49	43.7	<10	60	2.28	1.46	0.05	0.32	231.00	44.4	26	4.38
201725		0.60	<0.005	0.19	2.23	15.8	<10	50	1.30	0.76	0.04	0.28	143.50	21.9	24	2.38
201726		0.44	0.005	0.91	2.04	54.7	<10	120	2.36	1.75	0.09	0.65	161.00	24.8	20	6.67
201727		0.58	<0.005	0.39	2.39	29.0	<10	70	2.49	1.07	0.05	0.67	208.00	45.3	24	6.27
201728		0.46	0.005	0.70	2.67	29.4	<10	70	2.90	0.98	0.04	0.71	234.00	42.8	25	7.20
201729		0.48	0.006	0.62	1.95	44.6	<10	80	1.86	1.19	0.04	0.28	141.00	15.6	20	4.37
201730		0.46	0.007	0.63	2.23	46.9	<10	100	1.98	1.24	0.07	0.34	143.00	17.0	21	4.43
201731		0.56	0.013	0.87	2.33	91.6	<10	230	1.77	2.51	0.02	0.20	162.00	7.2	23	6.58
201732		0.32	0.023	0.27	1.15	30.8	<10	60	0.44	0.58	0.91	0.28	40.30	11.5	13	3.49
201733		0.38	0.019	0.16	1.07	31.8	<10	90	0.42	0.47	0.40	0.37	42.70	10.0	15	3.52
201734		0.30	0.006	0.10	1.79	51.9	<10	40	0.54	1.19	0.07	0.27	66.30	22.6	25	2.84
201735		0.42	0.005	0.77	1.24	46.7	<10	40	0.50	0.95	0.05	0.29	63.70	26.6	20	1.51
201736		0.40	<0.005	0.41	1.32	35.1	<10	80	0.37	1.18	0.10	0.12	63.60	4.6	23	1.76
201737		0.22	0.007	1.51	3.30	590.0	10	870	0.56	0.72	0.99	4.07	9.52	23.5	146	8.69
201738		0.26	0.005	0.33	0.92	42.1	<10	50	0.43	0.83	0.08	0.16	38.20	6.5	16	1.38
201739		0.28	0.005	0.22	1.18	43.1	<10	90	0.56	1.13	0.12	0.27	56.00	7.7	20	1.89
201740		0.24	0.007	0.19	0.96	58.8	<10	60	0.38	0.56	0.10	0.27	37.70	12.5	15	3.78
201741		0.36	0.005	0.13	0.59	10.6	<10	40	0.20	0.37	0.03	0.14	26.20	2.9	10	1.63
201742		0.44	0.005	0.33	1.69	38.3	<10	110	0.72	1.10	0.09	0.23	76.10	10.5	32	2.06
201743		0.22	0.015	0.15	1.82	47.4	<10	100	0.83	0.97	0.09	0.30	68.10	14.6	37	1.88
201744		0.30	0.005	0.29	0.76	13.3	<10	70	0.22	0.44	0.08	0.18	28.20	3.6	11	1.55
201745		0.22	0.006	0.19	1.01	19.7	<10	70	0.35	0.56	0.09	0.31	54.00	4.7	12	1.18
201746		0.36	<0.005	0.28	1.69	38.5	<10	70	0.62	0.79	0.13	0.30	70.40	7.6	20	1.17
201747		0.38	<0.005	0.26	1.46	29.2	<10	70	0.49	0.59	0.08	0.18	46.70	6.1	20	1.14
201748		0.30	0.005	0.41	1.87	33.2	<10	110	0.57	0.70	0.07	0.21	56.60	8.1	23	1.12
201749		0.44	<0.005	0.04	1.76	14.4	<10	60	0.36	0.37	0.04	0.06	31.60	5.2	23	1.61
201750		0.46	0.007	0.04	1.75	13.5	<10	60	0.32	0.33	0.04	0.05	30.50	4.9	22	1.61
201151		0.36	0.006	0.12	1.68	16.7	<10	70	0.43	0.46	0.05	0.11	33.70	6.2	23	1.64
201152		0.40	0.006	0.18	1.50	36.8	<10	90	0.52	0.73	0.05	0.22	50.20	5.5	22	1.63
201153		0.36	0.009	0.17	1.88	37.8	<10	120	1.74	1.10	0.15	0.26	96.30	20.3	57	1.85
201154		0.40	0.009	0.26	1.27	35.5	<10	100	0.52	0.91	0.08	0.34	65.00	5.6	21	1.66
201155		0.32	<0.005	0.09	1.57	39.8	<10	100	1.18	0.32	0.91	0.12	243.00	31.0	19	1.63
201156		0.28	0.005	0.27	1.44	137.5	<10	130	1.24	0.73	1.37	0.20	232.00	90.7	19	1.45
201157		0.38	0.010	0.13	1.46	61.9	<10	120	1.04	0.51	1.17	0.18	92.80	40.9	20	1.35
201158		0.44	<0.005	0.12	1.35	28.6	<10	80	0.61	0.54	0.96	0.07	55.90	26.8	19	1.53
201159		0.32	0.007	0.10	1.64	70.3	<10	80	0.74	0.74	0.36	0.36	64.00	42.4	20	1.31
201160		0.28	<0.005	0.19	1.18	64.9	<10	120	1.03	0.50	1.58	0.25	80.50	44.2	16	1.18

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
201721		95.4	4.77	7.34	0.33	0.10	0.05	0.085	0.08	120.0	49.9	0.78	749	4.27	0.01	0.54
201722		77.7	4.64	6.49	0.24	0.07	0.05	0.042	0.06	95.2	52.1	0.77	1880	5.20	0.01	0.26
201723		57.1	3.70	4.94	0.18	0.03	0.09	0.042	0.05	57.7	21.4	0.38	821	2.81	0.01	0.30
201724		115.0	5.31	6.15	0.23	0.06	0.05	0.070	0.06	87.8	42.4	0.63	692	4.90	0.01	0.49
201725		46.4	4.50	5.82	0.25	0.04	0.04	0.037	0.07	65.0	43.5	0.63	635	1.31	<0.01	1.31
201726		94.3	5.06	5.78	0.25	0.05	0.16	0.067	0.09	85.1	30.1	0.47	925	8.66	0.03	0.48
201727		100.0	4.70	6.42	0.25	0.06	0.06	0.067	0.07	88.7	42.5	0.65	944	4.54	0.01	0.49
201728		96.3	5.07	6.47	0.27	0.08	0.07	0.084	0.07	80.5	52.2	0.62	762	4.44	0.01	0.56
201729		64.6	4.23	5.64	0.19	0.04	0.07	0.068	0.07	60.3	32.2	0.42	510	4.40	<0.01	0.66
201730		68.6	4.59	5.77	0.19	0.04	0.09	0.070	0.07	59.5	33.8	0.47	610	4.48	0.01	0.68
201731		100.0	6.97	6.17	0.24	0.05	0.03	0.097	0.12	83.9	29.9	0.46	387	11.10	0.04	0.22
201732		29.7	2.97	3.21	0.10	0.07	0.05	0.018	0.07	22.3	14.6	0.65	438	9.01	0.01	0.40
201733		32.3	2.97	3.11	0.10	0.04	0.07	0.018	0.09	21.7	12.9	0.58	290	7.89	0.01	0.45
201734		48.2	7.22	5.04	0.13	0.04	0.03	0.031	0.06	33.9	23.3	1.13	1230	5.92	<0.01	1.38
201735		60.0	6.43	4.54	0.17	0.04	0.04	0.025	0.06	34.0	13.3	0.59	975	5.38	<0.01	1.79
201736		37.8	3.29	5.05	0.12	0.03	0.05	0.033	0.05	33.9	13.0	0.36	152	7.52	<0.01	1.11
201737		114.5	9.06	11.35	0.16	0.08	0.02	0.166	0.45	7.3	39.8	2.27	1100	5.69	0.04	<0.05
201738		45.6	4.45	3.96	0.05	0.02	0.10	0.031	0.04	22.0	7.2	0.31	191	6.10	<0.01	1.17
201739		39.6	3.30	4.96	0.06	0.02	0.06	0.037	0.05	30.1	10.4	0.29	229	6.39	<0.01	0.76
201740		26.1	3.01	3.73	0.06	0.02	0.07	0.023	0.08	19.1	11.0	0.43	445	9.59	<0.01	0.38
201741		15.7	1.39	3.32	<0.05	<0.02	0.28	0.015	0.05	14.0	2.4	0.09	81	3.32	<0.01	0.51
201742		49.5	3.66	6.18	0.07	<0.02	0.06	0.042	0.07	39.6	17.0	0.40	374	5.72	0.01	0.95
201743		44.5	4.51	7.15	0.07	0.03	0.05	0.041	0.07	39.0	17.9	0.46	511	5.43	0.01	2.09
201744		19.8	1.70	3.53	<0.05	<0.02	0.07	0.019	0.04	15.1	3.6	0.11	95	2.59	<0.01	0.59
201745		30.9	2.23	4.08	0.05	<0.02	0.10	0.024	0.07	27.8	7.0	0.18	188	3.45	0.01	0.59
201746		43.0	3.56	5.04	0.07	0.03	0.11	0.031	0.05	36.6	19.1	0.31	327	4.34	<0.01	0.79
201747		30.4	4.09	7.00	0.06	0.02	0.09	0.027	0.06	24.5	18.4	0.25	294	3.05	<0.01	1.41
201748		38.7	3.62	5.35	0.06	0.04	0.09	0.033	0.06	27.5	20.9	0.35	278	3.15	<0.01	1.41
201749		13.0	3.70	8.04	<0.05	0.05	0.04	0.025	0.05	16.5	14.6	0.26	139	2.14	<0.01	1.87
201750		11.4	3.18	8.22	0.05	0.04	0.04	0.023	0.04	15.9	13.6	0.24	107	1.99	<0.01	1.78
201151		16.5	3.24	6.39	0.05	0.02	0.06	0.027	0.05	17.8	13.4	0.26	285	2.85	<0.01	1.00
201152		29.3	3.05	5.22	0.05	0.02	0.06	0.028	0.05	27.3	13.3	0.32	215	3.44	<0.01	0.74
201153		62.9	4.64	6.53	0.11	0.11	0.03	0.043	0.06	55.6	26.7	0.95	421	5.18	0.01	3.46
201154		36.8	2.99	5.55	0.07	0.02	0.04	0.027	0.06	34.6	10.9	0.28	175	3.75	<0.01	0.90
201155		205.0	2.65	5.58	0.20	0.08	0.04	0.018	0.05	121.5	30.8	0.64	466	0.69	<0.01	0.30
201156		338.0	2.89	5.59	0.20	0.09	0.05	0.031	0.06	110.0	25.2	0.62	989	1.41	<0.01	0.47
201157		209.0	2.77	4.95	0.10	0.06	0.06	0.028	0.06	43.6	22.3	0.66	903	1.07	<0.01	0.57
201158		91.9	2.85	4.59	0.08	0.04	0.05	0.033	0.05	30.9	21.5	0.67	918	0.78	<0.01	0.60
201159		84.2	3.67	6.17	0.06	0.07	0.05	0.036	0.07	22.0	23.7	0.44	909	2.44	<0.01	0.50
201160		231.0	2.20	3.83	0.11	0.07	0.07	0.025	0.05	55.6	14.9	0.52	982	0.93	<0.01	0.44

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700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 20-SEP-2006
Account: EIA

Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070798

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
201721		84.2	810	80.8	11.8	<0.001	0.08	3.06	3.4	1.7	0.5	12.0	0.01	0.13	15.7	0.008
201722		92.6	740	52.9	7.2	0.001	0.07	2.51	2.1	1.4	0.4	7.7	0.01	0.11	13.4	<0.005
201723		36.1	1080	34.2	9.2	<0.001	0.11	2.88	1.5	1.1	0.4	7.7	<0.01	0.14	5.0	0.008
201724		81.1	980	80.3	8.6	<0.001	0.13	4.31	2.7	1.9	0.5	9.8	0.01	0.18	13.8	0.013
201725		35.6	410	24.8	9.5	<0.001	0.04	1.03	2.2	0.7	0.3	4.3	0.01	0.07	17.0	0.005
201726		30.0	1440	317.0	14.1	<0.001	0.26	5.03	2.1	1.7	0.4	15.1	0.01	0.17	13.6	0.007
201727		65.1	1060	58.1	10.4	<0.001	0.12	4.70	2.5	1.5	0.4	9.3	0.01	0.15	11.8	0.010
201728		82.3	880	71.8	10.2	<0.001	0.09	4.67	2.6	1.5	0.4	7.9	0.01	0.13	19.0	0.007
201729		33.6	1110	67.4	14.0	<0.001	0.12	3.90	1.8	1.3	0.4	8.1	<0.01	0.15	6.2	0.011
201730		36.4	1290	73.8	13.7	<0.001	0.13	3.21	1.8	1.5	0.4	10.8	0.01	0.15	6.7	0.011
201731		20.7	1400	303.0	14.8	0.001	0.35	4.02	2.7	1.8	0.4	19.9	<0.01	0.25	40.4	<0.005
201732		29.2	1550	34.8	15.3	<0.001	0.19	2.17	1.3	1.3	0.2	39.8	<0.01	0.15	1.4	0.015
201733		31.0	1120	23.8	20.6	<0.001	0.13	2.80	1.4	0.9	0.2	28.6	<0.01	0.11	0.9	0.018
201734		30.2	1130	73.8	15.0	<0.001	0.08	2.54	1.9	1.1	0.3	11.7	<0.01	0.19	10.7	0.060
201735		30.4	1270	55.3	10.9	<0.001	0.11	2.88	1.8	1.1	0.3	21.3	0.01	0.17	8.6	0.079
201736		13.8	1230	54.7	10.4	<0.001	0.08	1.45	1.7	1.2	0.5	14.9	<0.01	0.13	1.4	0.033
201737		73.5	2320	31.7	30.7	<0.001	0.31	13.50	27.9	6.0	0.7	119.0	<0.01	0.11	0.7	0.052
201738		16.4	1030	48.8	7.8	<0.001	0.11	2.17	1.2	0.9	0.4	9.5	<0.01	0.14	2.5	0.044
201739		19.4	1010	44.1	10.8	<0.001	0.11	1.55	1.1	1.0	0.5	13.4	<0.01	0.17	0.8	0.024
201740		31.9	1280	33.2	17.1	<0.001	0.11	1.66	1.0	0.8	0.3	15.2	<0.01	0.13	0.7	0.018
201741		7.2	890	18.1	7.0	<0.001	0.07	0.68	0.7	0.6	0.4	4.5	<0.01	0.06	0.2	0.015
201742		27.5	1130	36.7	11.1	<0.001	0.11	1.52	1.6	1.0	0.6	17.2	<0.01	0.15	1.4	0.030
201743		30.6	1060	46.1	12.9	<0.001	0.08	1.23	2.4	0.7	0.7	20.3	<0.01	0.13	4.5	0.078
201744		8.6	900	21.8	7.8	<0.001	0.09	1.14	0.8	0.7	0.4	7.4	<0.01	0.08	0.2	0.018
201745		11.1	1140	28.5	9.4	<0.001	0.11	1.10	0.8	0.8	0.4	10.4	<0.01	0.08	0.3	0.017
201746		18.1	1100	35.7	9.3	<0.001	0.07	1.61	1.3	1.1	0.4	13.7	<0.01	0.14	1.6	0.026
201747		14.7	580	24.5	11.7	<0.001	0.03	1.02	1.8	0.5	0.6	10.4	<0.01	0.09	4.0	0.043
201748		18.7	710	32.9	11.3	<0.001	0.05	1.19	2.2	0.7	0.5	12.1	0.01	0.10	7.0	0.034
201749		11.7	260	18.5	9.8	<0.001	<0.01	0.75	2.4	0.5	0.7	7.6	<0.01	0.05	4.8	0.048
201750		11.0	220	17.3	9.3	<0.001	<0.01	0.68	2.3	0.4	0.8	7.2	<0.01	0.06	4.4	0.045
201151		12.6	730	15.7	10.3	<0.001	0.03	0.87	1.6	0.9	0.6	9.2	<0.01	0.06	1.3	0.030
201152		14.6	860	17.7	9.2	<0.001	0.07	1.26	1.4	0.9	0.4	11.9	<0.01	0.08	1.5	0.026
201153		60.2	1030	73.6	10.3	<0.001	0.10	1.85	2.6	0.9	0.5	27.8	0.01	0.13	11.8	0.145
201154		15.2	780	31.6	10.2	<0.001	0.08	1.21	1.4	0.7	0.5	14.3	<0.01	0.09	1.4	0.039
201155		29.4	790	12.4	8.6	<0.001	0.05	0.48	2.8	1.0	0.2	12.3	0.01	0.06	13.8	0.007
201156		30.1	640	25.3	12.2	<0.001	0.06	0.72	3.1	1.3	0.3	16.2	0.01	0.09	15.6	0.008
201157		32.3	790	21.8	13.7	<0.001	0.06	0.64	3.1	1.0	0.3	15.1	0.01	0.08	8.4	0.013
201158		23.4	720	22.7	12.5	<0.001	0.04	0.57	3.3	0.6	0.3	12.8	0.01	0.08	5.2	0.021
201159		26.4	670	51.2	13.1	<0.001	0.03	1.06	3.2	0.6	0.4	6.9	<0.01	0.10	8.5	0.007
201160		29.0	840	21.0	12.4	<0.001	0.08	0.67	2.7	1.1	0.2	18.0	0.01	0.08	4.9	0.011

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VANCOUVER BC V6C 1G8

Finalized Date: 20-SEP-2006
Account: EIA

Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070798

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
201721		0.19	5.60	25	0.22	29.70	370	1.0
201722		0.10	3.89	16	0.22	27.80	777	0.7
201723		0.10	2.95	18	0.18	10.35	181	<0.5
201724		0.15	5.61	27	0.22	18.25	368	0.6
201725		0.09	2.05	18	0.18	8.26	181	0.7
201726		0.18	6.12	20	0.18	14.10	217	0.6
201727		0.14	5.63	25	0.23	19.30	353	0.6
201728		0.14	5.56	23	0.18	15.75	525	1.2
201729		0.18	2.87	26	0.19	10.35	178	0.5
201730		0.17	3.09	27	0.19	10.80	198	0.6
201731		0.26	6.02	19	0.15	9.51	187	1.0
201732		0.30	4.14	17	0.16	12.30	63	1.4
201733		0.27	4.14	20	0.16	9.88	74	0.7
201734		0.23	2.52	21	0.12	6.56	99	1.2
201735		0.16	2.44	24	0.14	6.82	93	1.5
201736		0.24	3.46	31	0.21	5.74	45	0.5
201737		0.48	1.46	243	0.75	12.90	465	2.5
201738		0.17	2.01	24	0.15	4.63	62	0.8
201739		0.22	2.61	31	0.15	7.52	61	<0.5
201740		0.29	2.26	24	0.14	5.26	77	<0.5
201741		0.19	1.35	22	0.13	2.13	29	<0.5
201742		0.19	2.90	45	0.21	5.45	73	<0.5
201743		0.19	2.61	54	0.20	7.37	85	0.8
201744		0.15	1.15	27	0.12	2.87	36	<0.5
201745		0.14	1.83	28	0.14	5.36	54	<0.5
201746		0.12	2.53	35	0.59	6.21	90	0.5
201747		0.13	1.31	45	0.47	3.76	67	0.6
201748		0.13	1.84	36	0.47	4.63	67	1.3
201749		0.15	0.75	62	0.41	2.69	45	2.0
201750		0.14	0.70	61	0.39	2.55	41	1.5
201151		0.14	1.24	49	0.43	3.76	49	<0.5
201152		0.13	1.98	35	0.40	5.25	56	<0.5
201153		0.14	3.03	42	0.43	11.90	116	4.1
201154		0.14	1.82	36	0.37	8.12	64	<0.5
201155		0.07	2.12	19	0.28	25.30	36	0.9
201156		0.10	3.33	24	0.29	26.40	79	0.9
201157		0.10	1.66	23	0.27	15.55	72	1.0
201158		0.11	1.74	24	0.27	13.80	53	0.6
201159		0.13	1.13	39	0.24	5.78	139	1.4
201160		0.09	2.35	19	0.20	20.40	83	1.0

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 4-NOV-2006
Account: EIA

CERTIFICATE VA06104453

Project: Werneckes

P.O. No.: FRG06-01

This report is for 260 Soil samples submitted to our lab in Vancouver, BC, Canada on 20-SEP-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

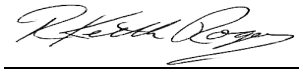
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
202918		0.52	<0.005	0.05	1.12	8.0	<10	150	0.45	0.38	0.19	0.10	31.60	8.0	14	0.94
202919		0.60	<0.005	0.06	1.41	10.9	<10	190	0.78	0.39	0.23	0.14	38.70	11.2	17	1.01
202920		0.60	0.006	0.15	1.22	8.0	<10	220	0.72	0.39	0.40	0.32	44.00	11.3	17	0.76
202921		0.58	<0.005	0.12	1.21	9.3	<10	170	0.70	0.40	0.55	0.19	35.80	10.2	14	0.83
202922		0.60	<0.005	0.03	1.27	12.2	<10	150	0.61	0.46	0.33	0.31	32.20	15.2	17	0.96
202923		0.50	<0.005	0.01	1.19	6.1	<10	40	1.06	0.12	0.36	0.07	67.20	8.5	27	1.50
202924		0.56	<0.005	0.09	1.19	8.7	<10	100	0.86	0.22	0.98	0.12	39.90	9.7	25	1.67
202925		0.60	<0.005	0.12	0.99	9.5	<10	100	0.59	0.54	4.49	0.14	42.30	11.8	12	1.01
202926		0.64	<0.005	0.11	1.07	7.2	<10	90	0.74	0.33	0.52	0.24	51.70	9.3	21	1.02
202927		0.54	<0.005	0.15	1.26	5.4	<10	100	0.65	0.44	0.83	0.29	48.50	13.4	21	2.04
202928		0.46	0.006	0.06	1.45	8.3	<10	80	0.71	0.40	0.29	0.09	39.90	17.8	32	1.34
202929		0.48	0.007	0.18	1.32	7.0	<10	120	0.70	0.47	1.43	0.21	48.40	14.6	19	1.70
202930		0.50	0.005	0.15	1.22	5.7	<10	100	0.71	0.37	0.81	0.14	61.30	13.8	20	1.47
202931		0.46	<0.005	0.16	1.40	6.8	<10	120	0.74	0.40	1.15	0.17	57.30	16.0	21	1.68
202932		0.50	<0.005	0.03	1.42	11.1	<10	140	0.51	0.40	0.13	0.09	29.50	10.4	23	1.16
202933		0.36	<0.005	0.30	1.26	7.0	<10	120	0.63	0.50	1.80	0.50	35.30	11.5	19	3.42
202934		0.44	<0.005	0.09	1.60	10.4	<10	130	0.76	0.49	0.43	0.25	59.30	12.9	21	2.85
202935		0.34	<0.005	0.05	1.29	7.6	<10	190	0.43	0.46	0.36	0.17	26.60	7.1	15	1.74
202936		0.48	<0.005	0.23	1.38	8.7	<10	390	0.82	0.37	1.46	1.30	28.20	11.9	14	1.07
202937		0.42	<0.005	0.06	1.38	9.7	<10	220	0.77	0.40	0.33	0.28	32.40	11.4	17	0.89
202938		0.52	<0.005	0.11	1.24	10.9	<10	210	0.73	0.40	0.58	0.23	33.30	12.0	15	0.76
202939		0.50	<0.005	0.19	1.26	8.4	<10	220	0.83	0.41	0.83	0.70	28.50	12.4	16	0.91
202940		0.44	<0.005	0.13	1.05	11.3	<10	240	0.66	0.43	0.88	0.31	31.50	12.9	13	0.90
202941		0.38	<0.005	0.08	1.37	7.2	<10	290	0.60	0.52	0.54	0.84	23.50	11.3	15	0.87
202942		0.52	<0.005	0.03	1.50	7.1	<10	210	0.48	0.33	0.37	0.30	23.10	9.6	15	0.77
202943		0.58	<0.005	0.11	1.33	10.5	<10	200	0.84	0.35	0.30	0.15	34.00	10.9	17	0.86
202944		0.54	<0.005	0.05	1.35	9.6	<10	120	0.75	0.30	0.90	0.13	36.70	10.1	17	0.85
202945		0.38	<0.005	0.03	1.44	10.0	<10	130	0.87	0.16	1.04	0.32	91.70	9.9	22	1.38
202946		0.52	<0.005	0.03	1.42	6.3	<10	70	0.64	0.20	0.18	0.15	41.60	8.9	23	1.44
202947		0.32	<0.005	0.12	1.27	5.3	<10	150	0.84	0.33	1.46	0.13	38.80	8.6	17	1.32
202948		0.36	<0.005	0.05	2.23	8.3	<10	260	0.81	0.57	0.22	0.18	33.00	13.1	21	1.10
202949		0.52	<0.005	0.04	2.01	10.4	<10	300	0.97	0.76	0.31	0.19	45.10	16.0	21	1.38
202950		0.48	<0.005	0.06	2.13	18.8	<10	290	1.25	1.01	0.38	0.25	46.90	29.6	22	1.36
202951		0.46	<0.005	0.04	1.87	5.8	<10	350	0.54	0.41	0.15	0.49	26.60	10.2	17	0.84
202952		0.38	<0.005	0.08	1.23	19.3	<10	60	0.35	2.23	0.07	0.17	13.00	14.2	12	1.62
202953		0.44	<0.005	0.03	1.51	9.9	<10	90	0.84	0.65	0.29	0.39	40.30	13.4	17	1.47
202954		0.66	<0.005	0.06	1.36	11.3	<10	100	0.77	0.77	0.38	0.18	54.00	21.6	27	2.27
202955		0.64	<0.005	0.16	1.54	6.7	<10	390	2.01	0.56	0.44	0.15	274.00	10.0	14	1.45
202956		0.44	<0.005	0.24	1.78	9.5	10	340	2.05	0.70	1.30	0.54	230.00	26.0	15	2.10
202957		0.54	0.009	0.16	1.03	6	10	280	0.59	0.30	10.35	0.29	62.30	19.5	10	1.50

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
202918		11.9	2.49	3.62	0.06	0.04	0.03	0.027	0.05	15.3	14.3	0.34	440	0.94	<0.01	0.44
202919		20.8	3.15	4.09	0.07	0.06	0.02	0.037	0.06	16.8	15.4	0.41	683	0.89	<0.01	0.41
202920		30.2	2.78	3.78	0.08	0.08	0.06	0.040	0.10	21.9	16.2	0.57	942	0.64	<0.01	0.33
202921		33.0	2.62	3.41	0.07	0.06	0.06	0.033	0.11	17.7	14.1	0.52	731	0.53	0.01	0.25
202922		21.9	3.24	4.03	0.06	0.04	0.02	0.036	0.07	14.3	17.9	0.44	833	1.00	0.01	0.39
202923		5.1	2.31	6.71	0.07	0.02	0.02	0.021	0.06	11.7	18.7	0.67	924	0.43	0.01	0.19
202924		20.9	2.59	5.57	0.09	0.04	0.05	0.027	0.08	22.7	20.7	1.08	906	0.44	0.01	0.26
202925		47.8	2.57	2.99	0.08	0.06	0.02	0.030	0.12	20.9	11.8	2.57	947	0.73	0.01	0.29
202926		36.0	2.22	4.13	0.09	0.07	0.05	0.032	0.09	25.8	17.6	0.64	178	0.43	0.01	0.36
202927		130.0	2.01	4.41	0.09	0.04	0.04	0.024	0.10	26.6	23.6	0.75	220	1.05	0.01	0.64
202928		427.0	3.76	5.84	0.07	0.05	0.02	0.041	0.07	17.9	18.2	0.53	326	1.31	<0.01	0.55
202929		75.0	2.42	4.65	0.08	0.04	0.04	0.026	0.11	25.1	22.8	0.77	616	1.21	0.01	0.46
202930		73.0	2.53	4.63	0.10	0.04	0.02	0.022	0.09	32.0	23.4	0.74	416	0.99	0.01	0.43
202931		79.8	2.72	5.29	0.10	0.04	0.03	0.024	0.11	29.5	26.6	0.86	536	1.03	0.01	0.45
202932		20.1	3.75	5.52	0.06	0.04	0.01	0.033	0.05	14.8	24.1	0.33	331	1.21	<0.01	0.61
202933		97.0	2.38	4.42	0.08	0.04	0.09	0.028	0.11	21.1	23.2	0.65	644	0.79	0.01	0.90
202934		32.2	3.40	5.24	0.09	0.05	0.01	0.032	0.10	30.0	27.2	0.63	1080	0.91	0.01	1.24
202935		13.7	2.59	5.37	0.05	0.02	0.01	0.029	0.06	13.6	17.3	0.30	356	1.29	<0.01	0.74
202936		54.2	2.71	3.81	0.06	0.06	0.06	0.037	0.07	13.7	11.8	0.50	2160	1.06	0.01	0.44
202937		23.0	3.08	4.31	0.06	0.08	0.03	0.037	0.07	15.0	13.4	0.41	793	0.86	0.01	0.44
202938		25.2	2.98	3.78	0.06	0.06	0.04	0.036	0.10	15.3	18.1	0.49	723	1.10	<0.01	0.30
202939		62.3	2.87	4.10	0.06	0.07	0.03	0.033	0.05	14.5	13.0	0.43	1010	0.83	0.01	0.40
202940		33.9	2.82	3.08	0.06	0.07	0.06	0.031	0.09	15.4	13.7	0.51	1400	0.56	<0.01	0.23
202941		21.0	3.03	4.93	<0.05	0.05	0.02	0.036	0.08	10.6	15.3	0.39	1030	1.21	<0.01	0.43
202942		11.2	2.78	5.66	0.05	0.05	0.01	0.037	0.08	11.3	18.3	0.29	535	1.29	<0.01	0.42
202943		21.5	3.17	4.17	0.07	0.06	0.04	0.036	0.06	16.5	16.9	0.44	555	0.82	<0.01	0.41
202944		16.8	2.98	4.07	0.07	0.08	0.02	0.034	0.06	17.2	19.9	0.79	428	0.92	<0.01	0.42
202945		9.6	2.38	7.98	0.13	0.08	0.08	0.192	0.05	42.0	22.9	0.88	2580	1.12	0.01	0.20
202946		8.4	2.18	6.86	0.06	0.04	0.03	0.071	0.04	15.1	17.8	0.56	1490	0.72	<0.01	0.22
202947		31.5	2.06	4.48	0.08	0.07	0.08	0.044	0.08	22.0	18.8	0.65	330	0.35	0.01	0.31
202948		15.9	3.49	7.94	0.06	0.05	0.02	0.046	0.05	14.4	25.6	0.47	1400	1.37	<0.01	0.47
202949		17.7	3.72	6.56	0.06	0.07	0.01	0.051	0.07	15.0	30.9	0.53	1160	1.15	<0.01	0.35
202950		19.4	4.32	6.13	0.06	0.07	0.02	0.057	0.07	13.7	27.4	0.54	1610	1.21	<0.01	0.35
202951		15.3	2.68	8.58	0.05	0.03	0.01	0.033	0.05	12.9	15.4	0.24	1220	1.56	<0.01	0.60
202952		24.6	3.83	6.77	0.05	0.02	0.02	0.024	0.08	6.4	18.8	0.27	292	1.59	0.01	0.55
202953		37.8	3.17	5.19	0.06	0.06	<0.01	0.037	0.22	18.4	20.9	0.48	448	1.05	0.01	0.62
202954		50.3	3.33	5.33	0.07	0.04	0.01	0.029	0.11	16.9	23.6	0.79	941	0.64	0.01	0.49
202955		13.6	3.28	6.90	0.56	0.15	0.04	0.030	0.08	240.0	33.7	0.56	569	0.91	<0.01	0.27
202956		33.3	3.57	6.16	0.27	0.23	0.09	0.050	0.15	117.0	34.3	0.85	3130	1.39	0.01	0.26
202957		25.3	2.36	3.08	0.10	0.10	0.08	0.030	0.09	32.1	18.8	1.74	2490	1.49	0.02	0.16

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 4-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
202918		13.3	300	17.1	9.7	<0.001	0.02	0.42	2.0	0.2	0.4	7.0	<0.01	0.03	5.5	0.009
202919		18.3	240	22.2	9.9	<0.001	0.02	0.56	2.9	0.3	0.4	7.2	<0.01	0.04	6.5	0.008
202920		23.2	560	20.0	10.1	<0.001	0.03	0.49	4.7	0.3	0.3	9.0	<0.01	0.03	8.3	0.011
202921		19.5	360	15.6	11.3	<0.001	0.05	0.53	2.8	0.4	0.3	6.6	<0.01	0.03	4.6	0.007
202922		17.1	290	21.6	11.7	<0.001	0.03	0.52	2.3	0.3	0.4	7.3	<0.01	0.04	4.9	0.009
202923		26.9	650	8.5	25.0	<0.001	0.03	0.23	5.6	0.2	0.9	5.3	<0.01	0.02	6.6	0.045
202924		26.5	610	14.5	29.3	<0.001	0.04	0.38	6.4	0.4	0.7	8.0	<0.01	0.02	6.3	0.045
202925		20.0	480	15.0	11.0	<0.001	0.03	0.61	3.0	<0.2	0.3	20.7	<0.01	0.03	9.3	0.017
202926		24.0	600	16.3	19.8	<0.001	0.03	0.64	5.2	0.4	0.5	9.2	<0.01	0.03	8.3	0.027
202927		24.4	390	19.2	29.1	0.002	0.08	0.39	3.5	0.9	0.3	28.6	<0.01	0.04	5.8	0.038
202928		23.9	190	17.0	24.1	<0.001	0.03	0.52	4.8	0.2	0.5	9.0	<0.01	0.04	5.4	0.024
202929		24.7	610	16.9	29.5	0.001	0.14	0.42	2.9	1.0	0.3	35.3	<0.01	0.04	3.8	0.025
202930		24.7	630	11.7	21.4	<0.001	0.08	0.29	3.7	0.7	0.4	24.7	<0.01	0.03	9.1	0.031
202931		29.1	630	12.8	25.9	0.001	0.12	0.36	4.0	0.9	0.4	33.8	<0.01	0.04	7.8	0.030
202932		15.8	200	23.2	16.7	<0.001	0.02	0.50	2.1	<0.2	0.6	6.7	<0.01	0.04	5.0	0.016
202933		18.7	780	31.1	35.7	<0.001	0.16	0.56	3.6	1.6	0.3	30.0	0.01	0.03	2.7	0.034
202934		19.3	320	21.7	31.5	<0.001	0.03	0.39	3.4	0.3	0.4	9.9	0.01	0.04	7.8	0.039
202935		11.8	350	18.1	16.7	<0.001	0.04	0.41	1.9	0.3	0.6	10.1	<0.01	0.04	3.8	0.014
202936		19.2	650	24.1	10.3	<0.001	0.06	0.80	2.6	0.8	0.3	17.5	<0.01	0.04	1.9	0.008
202937		18.8	240	25.0	14.7	<0.001	0.02	0.64	3.6	0.3	0.4	8.3	<0.01	0.04	5.3	0.009
202938		19.0	330	23.1	11.2	<0.001	0.04	0.60	3.1	0.4	0.3	8.9	<0.01	0.04	3.7	0.007
202939		19.1	440	26.0	8.2	<0.001	0.04	0.60	3.1	0.5	0.4	13.3	<0.01	0.04	3.2	0.009
202940		18.8	520	19.5	10.5	<0.001	0.05	0.70	2.6	0.7	0.3	10.1	<0.01	0.04	4.7	0.006
202941		14.2	450	34.5	18.3	<0.001	0.03	0.54	2.8	0.3	0.5	10.2	<0.01	0.04	2.9	0.007
202942		13.1	270	28.7	9.7	<0.001	0.02	0.59	2.8	0.2	0.6	8.4	<0.01	0.03	3.4	0.007
202943		20.9	350	25.9	10.6	<0.001	0.02	0.54	3.8	0.4	0.4	9.6	<0.01	0.03	5.0	0.009
202944		19.6	180	23.6	10.6	<0.001	0.02	0.58	3.5	0.2	0.4	9.7	<0.01	0.03	6.4	0.008
202945		32.7	510	14.1	15.0	<0.001	0.05	0.63	12.7	0.9	0.5	11.2	0.01	0.03	8.5	0.021
202946		23.2	520	18.9	14.0	<0.001	0.03	0.49	6.8	0.3	0.5	4.5	<0.01	0.03	8.2	0.016
202947		19.7	870	20.4	12.2	<0.001	0.12	0.52	4.8	1.1	0.3	15.4	0.01	0.04	2.8	0.008
202948		15.9	280	30.1	9.0	<0.001	0.02	0.52	4.0	0.3	0.8	7.5	<0.01	0.04	5.6	0.008
202949		19.5	210	23.8	14.1	<0.001	0.02	0.57	3.6	0.3	0.6	8.7	<0.01	0.05	7.5	0.006
202950		22.4	310	22.2	14.3	<0.001	0.03	0.60	3.9	0.3	0.6	9.1	<0.01	0.06	8.7	0.005
202951		12.7	330	25.6	7.8	<0.001	0.02	0.70	3.2	0.2	1.0	9.5	<0.01	0.05	3.5	0.011
202952		16.1	480	14.5	24.1	<0.001	0.06	0.69	1.9	0.2	0.5	4.2	<0.01	0.06	3.9	0.009
202953		20.8	200	41.0	27.4	<0.001	0.02	0.58	3.2	0.2	0.5	8.9	<0.01	0.05	8.3	0.011
202954		30.1	420	19.3	20.6	<0.001	0.03	0.56	3.8	0.2	0.4	10.3	<0.01	0.06	9.1	0.035
202955		21.3	460	15.4	21.2	0.001	0.04	0.59	2.5	1.6	0.4	9.3	0.02	0.20	13.4	<0.005
202956		35.3	1180	22.6	26.5	0.001	0.12	0.80	3.6	1.7	0.4	21.9	0.02	0.24	11.6	0.007
202957		19.2	1380	16.5	11.4	<0.001	0.18	0.68	2.1	1.1	0.2	76.2	0.01	0.07	3.1	0.006

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 4-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method Analyte Units LOR	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
202918		0.12	0.68	28	0.22	3.01	42	1.0
202919		0.11	0.84	29	0.13	5.81	57	1.6
202920		0.11	0.66	23	0.13	12.05	86	1.9
202921		0.10	0.80	19	0.12	8.38	65	1.4
202922		0.11	0.63	31	0.14	3.24	87	1.0
202923		0.09	1.22	37	0.09	4.99	17	<0.5
202924		0.12	1.89	36	0.11	14.60	47	0.7
202925		0.10	0.75	19	0.10	8.02	53	2.1
202926		0.11	1.03	28	0.15	12.75	77	1.7
202927		0.17	6.56	31	0.08	12.45	102	0.7
202928		0.12	0.99	54	0.18	5.57	42	1.2
202929		0.14	11.50	26	0.09	10.60	113	0.6
202930		0.13	4.25	28	0.08	11.40	82	0.7
202931		0.13	5.65	29	0.08	11.05	100	0.8
202932		0.13	0.54	46	0.15	2.29	50	1.4
202933		0.24	4.12	21	0.09	17.80	189	0.7
202934		0.26	1.63	34	0.12	14.90	92	0.9
202935		0.17	0.63	40	0.12	3.12	54	<0.5
202936		0.11	1.61	28	0.13	9.46	199	1.1
202937		0.10	0.67	32	0.16	6.27	81	1.7
202938		0.10	1.26	24	0.11	6.82	87	1.3
202939		0.08	1.06	30	0.12	7.32	92	1.4
202940		0.10	1.36	19	0.11	8.50	72	1.8
202941		0.13	0.54	39	0.17	2.98	253	1.0
202942		0.12	0.57	43	0.16	3.19	98	1.3
202943		0.09	0.75	31	0.12	9.32	73	1.5
202944		0.11	0.62	30	0.13	8.19	68	2.4
202945		0.11	1.38	39	1.38	38.60	62	0.5
202946		0.12	1.73	37	0.09	12.15	63	0.7
202947		0.13	3.28	24	0.14	19.45	71	1.3
202948		0.19	0.88	53	0.17	4.46	92	1.3
202949		0.20	0.75	36	0.16	4.61	68	1.9
202950		0.19	0.83	36	0.16	5.99	66	2.0
202951		0.19	0.77	61	0.20	3.38	78	0.8
202952		0.21	0.61	38	0.14	2.14	62	0.6
202953		0.19	0.72	32	0.14	5.35	107	1.7
202954		0.15	1.10	35	0.14	6.43	112	0.9
202955		0.13	1.26	26	0.16	61.40	69	0.9
202956		0.18	1.41	26	0.20	76.70	116	3.0
202957		0.12	1.03	17	0.11	19.20	86	2.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
202958		0.48	0.010	0.20	2.39	10.9	<10	230	2.02	1.01	0.75	0.27	268.00	32.2	20	2.77
202959		0.46	<0.005	0.05	1.90	9.6	<10	230	0.64	0.33	0.49	0.22	25.50	10.4	20	0.88
202960		0.44	<0.005	0.19	1.21	6.5	<10	220	0.79	0.46	2.01	0.28	40.60	9.0	14	1.22
202961		0.42	<0.005	0.04	1.05	9.4	<10	140	0.43	0.29	0.75	0.20	19.00	7.5	13	0.87
202962		0.68	<0.005	0.11	1.18	8.8	<10	130	0.76	0.35	0.29	0.16	43.20	11.7	15	0.88
202963		0.48	<0.005	0.04	1.29	9.5	<10	170	0.65	0.35	0.27	0.15	27.60	10.1	16	0.74
202964		0.60	<0.005	0.04	1.46	10.7	<10	180	1.15	0.39	0.35	0.18	31.90	13.4	17	1.04
202965		0.52	<0.005	0.07	0.86	6.6	<10	180	0.31	0.37	0.39	0.20	23.70	6.0	11	0.72
202966		0.68	<0.005	0.10	0.87	10.9	<10	150	0.77	0.68	1.24	0.17	21.80	24.1	14	1.54
202967		0.42	<0.005	0.04	1.34	9.8	<10	140	0.81	0.38	0.30	0.25	41.70	11.5	16	0.95
202968		0.44	<0.005	0.08	1.49	11.3	<10	300	0.91	0.37	0.60	0.35	30.90	11.9	18	0.79
202969		0.56	<0.005	0.09	1.31	10.5	<10	190	0.69	0.33	0.48	0.25	27.30	10.9	17	0.73
202970		0.10	0.066	1.25	4.12	40	20	460	0.76	0.07	13.45	0.04	20.00	46.2	57	1.93
202971		0.44	<0.005	0.18	1.25	9.9	<10	260	0.86	0.34	1.28	0.85	25.50	11.8	15	1.09
202972		0.42	<0.005	0.13	0.94	9.0	<10	180	0.59	0.28	1.55	0.48	22.90	10.9	13	1.20
202973		0.50	<0.005	0.16	1.14	10.7	<10	170	0.70	0.30	1.50	0.41	35.80	17.1	14	1.24
202974		0.44	<0.005	0.16	1.28	9.6	<10	260	0.77	0.33	1.30	1.10	22.40	10.9	14	0.67
202975		0.38	<0.005	0.06	0.73	21.9	<10	230	0.41	0.49	1.48	0.52	15.40	12.7	9	0.51
202976		0.60	<0.005	0.04	1.40	11.0	<10	160	0.61	0.37	0.23	0.08	39.00	11.6	18	1.01
202977		0.82	<0.005	0.11	1.05	6.4	<10	150	0.58	0.32	3.00	0.15	37.70	9.2	13	0.72
202978		0.50	<0.005	0.03	1.48	9.4	<10	90	0.74	0.35	0.48	0.24	35.00	9.6	17	0.91
202979		0.58	<0.005	0.05	1.17	10.9	<10	150	0.63	0.41	0.33	0.16	43.80	10.9	14	0.77
202980		0.60	<0.005	0.15	1.15	20.0	<10	190	1.27	0.54	1.29	0.06	60.50	18.0	18	1.33
202981		0.74	<0.005	0.09	1.51	9.0	<10	140	1.37	0.33	0.45	0.12	130.00	11.3	24	3.54
202982		0.38	<0.005	0.10	1.52	9.5	<10	180	0.88	0.35	0.62	0.21	37.90	10.3	17	0.86
202983		0.42	<0.005	0.03	1.67	5.8	<10	210	0.87	0.22	0.44	0.24	53.20	11.1	24	1.66
202984		0.38	<0.005	0.03	1.64	8.1	<10	210	0.79	0.27	0.58	0.24	36.50	9.8	25	1.09
202985		0.62	<0.005	0.07	1.52	10.6	<10	240	0.78	0.40	0.55	0.22	39.60	10.7	18	0.88
202986		0.48	<0.005	0.07	1.65	12.8	<10	260	1.04	0.44	0.32	0.18	44.60	13.8	20	0.94
202987		0.68	<0.005	0.11	1.18	11.7	<10	220	0.71	0.33	1.03	0.24	38.60	12.7	15	0.90
202988		0.46	<0.005	0.04	1.33	8.2	<10	200	0.67	0.36	0.24	0.25	38.40	9.5	16	0.69
202989		0.44	<0.005	0.11	1.17	8.8	<10	180	0.63	0.35	1.00	0.39	27.50	10.1	14	0.61
202990		0.46	<0.005	0.05	1.33	10.8	<10	210	0.82	0.32	0.55	0.25	40.90	10.4	17	0.81
202991		0.54	<0.005	0.07	1.38	10.5	<10	240	0.88	0.33	0.67	0.39	41.30	10.7	17	0.85
202992		0.24	<0.005	0.09	2.34	8.4	10	790	1.11	0.26	1.52	0.32	67.40	12.9	21	2.10
202993		0.36	<0.005	0.10	1.30	9.3	<10	120	0.55	0.39	0.36	0.40	29.20	8.9	15	0.48
202994		0.62	<0.005	0.06	2.06	11.5	<10	200	1.22	0.34	0.32	0.36	55.70	13.3	22	1.26
202995		0.48	<0.005	0.15	1.59	11.9	<10	320	0.87	0.40	0.56	1.31	28.50	12.0	19	0.76
202996		0.52	<0.005	0.06	1.82	56.1	<10	220	0.94	1.16	0.52	0.54	35.00	43.5	20	1.01
202997		0.58	<0.005	0.08	1.10	7.8	<10	70	0.43	0.31	0.93	0.07	45.80	15.0	29	1.16

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 4-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
202958		26.6	4.10	8.53	0.27	0.15	0.06	0.048	0.20	128.0	45.4	1.22	1810	0.89	0.01	0.35
202959		14.5	3.23	6.49	0.05	0.07	0.02	0.036	0.07	11.8	19.9	0.45	905	1.41	0.01	0.39
202960		35.9	2.32	3.96	0.08	0.08	0.10	0.034	0.11	24.2	16.6	0.56	517	0.73	0.01	0.26
202961		14.9	2.81	3.88	0.05	0.04	0.03	0.028	0.06	9.2	17.1	0.28	373	1.39	0.01	0.43
202962		23.3	2.73	3.54	0.08	0.08	0.04	0.035	0.09	20.6	17.9	0.51	265	0.65	<0.01	0.30
202963		13.3	3.11	4.27	0.06	0.06	0.02	0.034	0.05	12.4	16.6	0.40	562	1.02	<0.01	0.40
202964		20.9	3.43	4.75	0.07	0.08	0.02	0.040	0.06	15.7	20.3	0.41	761	1.18	<0.01	0.40
202965		9.1	2.44	3.84	<0.05	0.03	0.01	0.025	0.08	11.3	12.3	0.26	368	1.08	0.01	0.35
202966		26.8	2.65	3.17	0.05	0.04	0.03	0.031	0.08	9.7	13.4	0.44	1320	1.00	0.01	0.16
202967		21.4	3.12	4.17	0.07	0.07	0.02	0.037	0.09	18.7	15.7	0.45	769	1.11	0.01	0.37
202968		19.7	3.39	4.76	0.06	0.09	0.03	0.040	0.07	14.0	19.1	0.50	703	1.40	0.01	0.40
202969		15.7	3.11	4.22	0.06	0.07	0.03	0.033	0.06	13.1	18.5	0.42	530	1.03	0.01	0.34
202970		2370.0	12.60	13.40	0.27	0.34	<0.01	0.498	0.38	13.5	23.0	2.24	2790	6.27	0.10	0.13
202971		42.1	3.06	3.72	0.06	0.08	0.05	0.037	0.07	13.6	15.0	0.47	1040	1.42	0.01	0.27
202972		33.0	2.46	2.89	0.05	0.06	0.04	0.026	0.06	12.0	13.1	0.46	648	1.35	0.01	0.27
202973		41.5	2.94	3.33	0.08	<0.02	0.06	0.028	0.06	18.1	17.0	0.51	808	1.22	0.01	0.44
202974		29.4	2.84	3.67	0.07	0.02	0.04	0.031	0.06	10.8	14.9	0.43	745	1.48	0.01	0.29
202975		26.8	4.53	2.28	0.08	0.03	0.08	0.022	0.06	7.3	10.4	0.34	1860	2.74	0.01	0.18
202976		13.6	3.38	4.25	0.07	<0.02	0.04	0.031	0.06	16.6	18.8	0.40	410	0.88	0.01	0.54
202977		32.1	2.10	3.01	0.07	0.03	0.05	0.028	0.10	18.0	13.0	1.99	560	0.45	0.01	0.36
202978		10.1	3.23	4.67	0.08	<0.02	0.12	0.054	0.05	15.8	16.8	0.42	1120	1.05	0.01	0.33
202979		30.3	2.69	3.40	0.08	<0.02	0.03	0.031	0.12	20.1	14.1	0.50	796	0.61	0.01	0.26
202980		792.0	2.12	4.74	0.11	<0.02	0.03	0.037	0.10	33.6	23.0	0.73	1110	0.58	0.01	0.10
202981		37.1	2.62	7.55	0.19	0.02	0.03	0.023	0.15	68.2	33.2	1.10	2060	0.64	0.01	0.23
202982		16.1	3.02	4.58	0.08	<0.02	0.04	0.038	0.05	19.2	17.0	0.40	701	0.88	0.01	0.44
202983		9.9	2.65	7.87	0.07	<0.02	0.04	0.038	0.13	19.6	28.3	0.93	1460	0.90	0.01	0.28
202984		14.1	2.81	6.03	0.08	0.03	0.03	0.034	0.10	17.4	18.9	0.61	880	0.89	0.01	0.41
202985		27.2	3.09	4.33	0.09	<0.02	0.03	0.034	0.11	18.6	17.1	0.53	508	1.08	0.01	0.36
202986		46.0	3.53	4.70	0.09	0.05	0.07	0.040	0.13	22.2	19.5	0.57	886	1.07	0.01	0.41
202987		31.8	3.45	3.44	0.09	0.02	0.06	0.030	0.12	18.1	15.1	0.75	1200	0.83	0.01	0.26
202988		14.1	2.96	4.04	0.08	<0.02	0.02	0.033	0.07	16.7	16.8	0.39	554	1.00	<0.01	0.37
202989		20.9	2.81	3.44	0.07	<0.02	0.04	0.032	0.08	12.6	14.8	0.51	810	0.97	0.01	0.33
202990		17.1	3.11	4.39	0.10	0.03	0.03	0.037	0.09	20.1	19.3	0.58	811	0.91	<0.01	0.28
202991		20.3	3.14	4.51	0.09	0.03	0.07	0.038	0.09	20.4	18.7	0.58	915	0.98	0.01	0.31
202992		37.8	3.46	10.50	0.12	0.07	0.08	0.044	0.21	35.2	51.4	1.59	2250	0.99	0.01	0.25
202993		11.6	3.40	5.17	0.07	<0.02	0.03	0.027	0.15	14.6	18.7	0.30	278	1.98	0.01	0.46
202994		15.7	3.55	6.43	0.10	0.04	0.02	0.040	0.08	27.3	20.0	0.44	745	1.27	0.01	0.52
202995		57.0	3.50	4.95	0.08	0.03	0.02	0.039	0.10	13.7	17.1	0.49	649	1.53	0.01	0.41
202996		512.0	4.06	5.85	0.08	0.03	0.03	0.065	0.10	15.1	16.1	0.43	1670	1.99	0.01	0.50
202997		75.9	3.09	4.10	0.11	<0.02	0.01	0.019	0.11	21.5	13.3	0.87	497	0.49	0.02	0.41

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
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Finalized Date: 4-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
202958		32.9	920	22.9	40.5	<0.001	0.06	0.66	5.0	0.9	0.6	13.4	0.01	0.07	8.7	0.008
202959		19.1	410	30.6	17.1	<0.001	0.04	0.72	4.0	0.3	0.6	11.7	<0.01	0.04	4.2	0.006
202960		17.9	3620	16.7	16.1	<0.001	0.13	0.54	3.7	1.0	0.3	17.4	0.01	0.03	3.2	0.007
202961		14.2	370	24.3	13.8	<0.001	0.05	0.68	2.1	0.4	0.4	11.7	<0.01	0.04	2.5	0.007
202962		20.2	280	22.8	11.3	<0.001	0.03	0.52	4.0	0.4	0.3	5.5	<0.01	0.03	6.7	0.008
202963		15.2	210	27.5	9.8	<0.001	0.02	0.49	2.6	0.3	0.4	7.6	<0.01	0.04	4.9	0.008
202964		21.5	200	29.1	12.4	<0.001	0.02	0.58	4.3	0.4	0.4	8.6	<0.01	0.04	6.6	0.006
202965		8.6	260	15.5	15.6	<0.001	0.03	0.35	1.6	0.2	0.4	7.7	<0.01	0.04	4.4	0.006
202966		18.1	420	8.9	16.2	<0.001	0.06	0.42	3.9	0.6	0.2	11.6	<0.01	0.04	9.6	0.010
202967		20.6	170	25.9	11.1	<0.001	0.03	0.67	3.5	0.4	0.4	7.0	<0.01	0.03	6.5	0.007
202968		21.8	190	33.6	10.9	<0.001	0.03	0.80	4.1	0.5	0.5	12.6	<0.01	0.04	5.3	0.007
202969		19.7	360	27.9	10.0	<0.001	0.03	0.57	3.2	0.4	0.4	11.9	<0.01	0.04	3.6	0.006
202970		35.2	1600	4.6	16.7	0.001	0.19	5.58	9.0	<0.2	0.9	270.0	0.01	0.01	2.6	0.189
202971		23.9	780	33.8	14.4	<0.001	0.09	0.94	2.4	0.8	0.4	22.7	<0.01	0.04	1.3	0.007
202972		19.7	570	24.4	8.6	<0.001	0.09	0.71	1.9	0.7	0.3	21.2	<0.01	0.04	1.3	0.007
202973		24.8	550	28.4	10.1	<0.001	0.07	0.72	2.3	1.1	0.3	20.8	0.01	0.04	1.6	0.009
202974		22.5	530	29.0	8.5	<0.001	0.06	0.89	2.7	1.0	0.4	18.4	<0.01	0.04	1.6	0.005
202975		14.5	820	23.4	6.0	<0.001	0.22	0.72	2.0	1.3	0.2	20.0	<0.01	0.04	1.4	0.005
202976		14.4	200	24.2	13.1	<0.001	0.02	0.32	3.0	0.4	0.4	6.9	<0.01	0.03	5.7	0.010
202977		17.6	400	13.6	9.8	<0.001	0.01	0.57	3.6	0.4	0.3	14.6	<0.01	0.03	6.9	0.014
202978		14.7	520	17.3	10.8	<0.001	0.04	0.43	4.2	0.7	0.4	7.0	<0.01	0.04	4.2	0.008
202979		17.6	220	14.9	11.0	<0.001	0.02	0.62	2.8	0.5	0.3	4.8	<0.01	0.03	5.9	0.008
202980		24.2	630	5.0	19.6	<0.001	0.05	0.38	4.7	1.0	0.4	13.7	<0.01	0.03	5.1	0.011
202981		31.1	850	7.2	35.4	<0.001	0.02	0.31	8.8	0.6	1.0	7.0	0.01	0.02	12.8	0.021
202982		16.4	410	24.0	8.9	<0.001	0.03	0.44	5.0	0.6	0.4	10.7	<0.01	0.03	4.6	0.007
202983		25.8	520	17.3	38.2	<0.001	0.04	0.55	8.6	0.5	0.6	10.9	<0.01	0.03	6.5	0.018
202984		22.3	320	21.3	27.7	<0.001	0.03	0.53	6.7	0.4	0.5	10.0	<0.01	0.04	5.9	0.011
202985		19.8	240	21.7	13.5	<0.001	0.02	0.59	3.4	0.5	0.4	9.6	<0.01	0.04	5.4	0.007
202986		24.2	180	25.3	13.7	<0.001	0.01	0.62	4.8	0.6	0.4	7.3	<0.01	0.03	8.0	0.008
202987		21.2	460	18.2	12.2	<0.001	0.03	0.66	3.2	0.7	0.3	9.1	<0.01	0.02	4.9	0.009
202988		15.3	200	22.6	8.7	<0.001	0.01	0.47	2.9	0.5	0.4	5.4	<0.01	0.03	5.5	0.007
202989		17.2	400	23.7	9.2	<0.001	0.04	0.60	2.8	0.7	0.3	11.9	<0.01	0.03	2.5	0.008
202990		21.1	440	23.5	15.1	<0.001	0.03	0.58	4.3	0.6	0.4	9.5	<0.01	0.04	3.7	0.008
202991		21.7	480	25.3	16.8	<0.001	0.03	0.65	4.4	0.7	0.4	10.6	<0.01	0.04	3.4	0.009
202992		38.7	920	17.6	39.0	<0.001	0.08	0.67	7.3	1.2	0.4	16.9	<0.01	0.03	9.7	0.007
202993		14.4	410	24.9	10.0	<0.001	0.03	0.64	2.2	0.6	0.5	9.7	<0.01	0.08	4.0	0.006
202994		20.6	260	32.0	12.2	<0.001	0.02	0.55	4.6	0.5	0.7	10.2	<0.01	0.04	5.6	0.007
202995		23.0	310	31.9	11.1	<0.001	0.02	0.68	3.8	0.5	0.5	12.1	<0.01	0.04	3.8	0.007
202996		41.2	290	34.6	14.4	<0.001	0.02	0.71	4.5	0.6	0.6	13.2	<0.01	0.12	6.3	0.007
202997		21.9	440	9.0	14.7	<0.001	0.02	0.35	3.0	0.4	0.3	13.2	<0.01	0.03	7.3	0.050

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method Analyte Units LOR	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
202958		0.17	1.16	36	0.21	44.40	94	1.9
202959		0.14	0.67	47	0.15	4.84	94	1.6
202960		0.12	2.29	21	0.14	15.75	104	1.5
202961		0.11	0.57	33	0.21	3.64	103	1.2
202962		0.11	0.82	23	0.11	11.40	71	1.7
202963		0.12	0.70	33	0.32	4.03	84	1.5
202964		0.12	0.89	33	0.11	10.75	83	2.0
202965		0.10	0.54	29	0.12	2.07	64	0.7
202966		0.09	3.22	25	0.09	6.97	51	0.7
202967		0.12	0.71	31	0.12	7.32	84	2.1
202968		0.13	0.90	37	0.12	6.68	107	2.5
202969		0.09	0.78	33	0.10	6.66	95	1.5
202970		0.10	3.97	117	11.30	17.75	159	16.2
202971		0.12	1.67	33	0.25	10.80	168	2.1
202972		0.11	1.23	23	0.09	8.15	115	1.4
202973		0.12	0.95	27	0.09	11.40	189	1.1
202974		0.11	0.65	37	0.10	7.21	271	1.4
202975		0.10	1.92	27	0.11	5.77	114	1.6
202976		0.11	0.77	35	0.14	4.71	74	1.2
202977		0.09	0.52	20	0.13	8.78	52	1.9
202978		0.10	0.98	31	0.25	9.27	83	0.7
202979		0.10	0.64	19	0.11	6.93	65	1.2
202980		0.10	2.82	22	0.09	15.40	30	<0.5
202981		0.23	1.77	31	0.20	35.60	126	<0.5
202982		0.10	0.95	35	0.12	12.75	65	1.1
202983		0.13	0.53	43	0.09	7.90	79	1.2
202984		0.10	0.55	44	0.13	9.47	68	1.3
202985		0.11	0.61	30	0.26	6.57	76	1.4
202986		0.13	0.75	31	0.12	11.35	84	2.3
202987		0.10	0.68	21	0.11	9.18	85	1.5
202988		0.12	0.81	31	0.13	4.71	67	1.3
202989		0.09	0.75	28	0.10	5.86	125	1.3
202990		0.11	0.60	31	0.14	13.60	82	1.2
202991		0.12	0.60	33	0.13	13.90	91	1.2
202992		0.11	1.28	34	0.16	25.00	92	1.8
202993		0.11	0.75	43	0.12	2.71	84	1.0
202994		0.14	0.92	51	0.13	6.62	93	1.9
202995		0.12	0.53	44	0.12	5.30	125	1.8
202996		0.14	1.30	50	0.13	6.24	92	1.9
202997		0.08	0.73	36	0.09	6.79	35	0.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 4-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
202998		0.56	<0.005	0.11	1.28	6.7	<10	90	0.52	0.30	1.28	0.11	37.20	14.7	30	1.42
202999		0.60	<0.005	0.10	1.49	7.1	<10	100	0.55	0.34	0.88	0.08	41.80	17.3	38	1.66
203000		0.66	<0.005	0.12	1.31	7.4	<10	90	0.51	0.35	0.54	0.08	47.10	15.3	30	1.38
330451		0.54	<0.005	0.10	1.04	6.1	<10	80	0.43	0.32	0.90	0.08	41.30	11.4	20	1.07
330452		0.56	<0.005	0.06	1.20	6.3	<10	80	0.50	0.38	0.73	0.07	54.40	15.6	25	1.21
330453		0.48	<0.005	0.05	1.16	2.4	<10	60	0.44	0.39	4.08	0.05	56.20	13.9	15	1.09
330454		0.60	<0.005	0.02	1.10	1.3	<10	30	0.37	0.59	0.33	0.02	96.70	16.4	14	0.80
330455		0.48	<0.005	0.08	1.72	10.1	<10	320	0.83	0.35	0.46	0.35	31.90	12.2	19	0.97
330456		0.72	<0.005	0.14	1.04	8.3	<10	240	0.66	0.40	5.05	0.25	29.70	9.9	12	0.78
330457		0.58	<0.005	0.04	1.68	11.1	<10	170	0.76	0.30	0.27	0.20	34.10	11.4	20	0.98
330458		0.54	<0.005	0.13	1.72	11.4	<10	390	0.82	0.37	0.65	0.51	29.20	12.9	20	0.93
330459		0.52	<0.005	0.10	1.08	17.3	<10	170	0.60	0.32	1.20	0.31	30.90	12.3	15	0.93
330460		0.56	<0.005	0.11	1.50	11.9	<10	250	0.95	0.37	0.80	0.64	32.00	14.0	18	0.86
330461		0.52	<0.005	0.11	1.51	11.9	<10	260	1.01	0.39	0.77	0.63	32.60	13.8	19	0.87
330462		0.44	<0.005	0.14	1.31	12.0	<10	230	0.87	0.38	0.95	0.47	29.90	13.6	17	0.88
330463		0.46	<0.005	0.13	1.00	11.1	<10	190	0.60	0.31	1.58	0.36	22.00	11.5	13	0.72
330464		0.52	<0.005	0.10	1.40	7.7	<10	170	0.95	0.37	0.60	0.12	66.40	17.3	36	1.19
330465		0.38	<0.005	0.05	2.20	8.4	<10	220	0.93	0.40	0.38	0.18	41.20	14.8	35	1.28
330466		0.64	<0.005	0.01	1.32	3.2	<10	30	1.39	0.08	0.38	0.02	66.40	8.3	35	3.99
330467		0.50	<0.005	0.04	1.28	6.9	<10	100	0.48	0.37	0.26	0.10	33.80	7.9	21	0.93
330468		0.66	<0.005	0.14	1.32	14.1	<10	180	0.82	0.59	0.65	0.16	42.50	19.2	21	1.08
330469		0.66	<0.005	0.04	1.60	10.3	<10	140	0.77	0.43	0.21	0.07	39.10	15.0	31	1.64
330470		0.44	<0.005	0.25	1.80	10.5	<10	40	0.73	0.54	0.04	0.12	33.30	9.3	21	1.05
330471		0.70	<0.005	0.02	1.43	7.5	<10	110	0.42	0.38	0.28	0.10	30.40	8.4	20	2.11
330472		0.68	<0.005	0.09	1.97	10.2	<10	240	0.85	0.46	0.43	0.33	42.70	13.2	24	2.29
330473		0.50	<0.005	0.36	1.24	3.5	<10	120	0.58	0.35	1.18	1.05	42.00	10.6	22	1.98
330474		0.40	<0.005	0.15	1.20	8.7	<10	110	0.55	0.46	1.15	0.47	44.50	13.9	21	1.85
330475		0.54	<0.005	0.13	1.58	9.9	<10	430	1.09	0.32	0.96	0.23	81.90	12.2	20	1.70
330476		0.70	<0.005	0.06	1.19	10.9	<10	180	0.70	0.65	0.19	0.11	51.60	12.1	15	1.06
330477		0.50	<0.005	0.10	1.56	8.2	<10	140	0.65	0.60	0.22	0.13	52.80	11.6	15	1.92
330478		0.58	<0.005	0.02	0.60	5.9	<10	100	0.20	0.53	0.16	0.07	48.00	5.3	8	0.71
330479		0.52	<0.005	0.07	1.17	9.3	<10	170	0.70	0.39	0.74	0.26	34.40	10.1	14	0.64
330480		0.12	0.078	1.21	4.42	38	20	490	1.24	0.05	14.20	0.02	21.80	50.8	54	2.04
330481		0.48	<0.005	0.06	1.48	12.1	<10	230	0.92	0.47	0.29	0.16	51.60	14.7	17	1.10
330482		0.48	<0.005	0.08	1.12	8.5	<10	250	0.61	0.42	0.72	0.26	35.20	10.8	14	0.88
330483		0.50	<0.005	0.07	1.29	11.5	<10	250	0.97	0.62	0.65	0.30	57.20	22.5	15	1.58
330484		0.76	<0.005	0.17	1.28	21.0	<10	170	0.68	0.64	0.36	0.28	41.90	13.4	16	1.48
330485		0.48	<0.005	0.06	1.27	15.6	<10	160	0.70	0.48	0.28	0.20	40.80	13.4	16	0.66
330486		0.50	<0.005	0.02	1.02	8.9	<10	110	0.35	0.34	0.11	0.07	34.70	6.7	13	0.96
330487		0.40	<0.005	0.13	1.19	9.9	<10	190	0.62	0.38	0.96	0.51	38.90	9.5	14	1.10

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 4-NOV-2006
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CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
202998		94.3	2.82	4.54	0.09	<0.02	0.03	0.021	0.13	18.6	16.0	0.77	678	0.61	0.02	0.40
202999		101.5	3.35	5.19	0.11	<0.02	0.03	0.024	0.15	20.4	18.4	0.87	353	0.47	0.02	0.48
203000		86.4	3.06	4.66	0.11	<0.02	0.02	0.022	0.14	22.9	16.1	0.74	397	0.52	0.01	0.45
330451		46.9	2.44	3.65	0.09	<0.02	0.03	0.017	0.11	19.5	13.4	0.53	585	0.46	0.01	0.37
330452		67.0	2.73	4.30	0.10	<0.02	0.08	0.019	0.09	26.6	19.0	0.68	817	0.53	0.01	0.44
330453		43.6	2.12	3.82	0.10	<0.02	0.02	0.014	0.09	28.6	24.6	0.76	853	0.38	0.01	0.30
330454		32.7	2.65	3.72	0.15	<0.02	<0.01	0.012	0.04	47.0	28.7	0.81	889	0.50	<0.01	0.23
330455		15.8	3.55	5.20	0.08	0.02	0.04	0.035	0.07	14.6	17.8	0.45	914	1.20	0.01	0.43
330456		29.0	2.41	2.98	0.08	0.02	0.05	0.031	0.16	14.0	12.5	2.76	860	0.75	0.01	0.21
330457		18.0	3.48	4.86	0.08	<0.02	0.02	0.033	0.06	15.2	22.0	0.48	402	1.09	<0.01	0.47
330458		20.7	3.55	5.46	0.08	<0.02	0.03	0.039	0.07	13.9	19.3	0.44	995	1.35	<0.01	0.41
330459		33.5	2.62	3.30	0.09	0.05	0.05	0.034	0.07	19.3	15.1	0.45	840	1.22	<0.01	0.35
330460		46.7	3.16	4.11	0.09	0.07	0.05	0.038	0.08	16.6	18.4	0.51	955	1.21	0.01	0.37
330461		48.0	3.19	4.16	0.09	0.07	0.04	0.037	0.08	17.0	18.7	0.51	945	1.22	<0.01	0.37
330462		47.9	3.00	3.67	0.08	0.06	0.04	0.037	0.08	15.3	16.7	0.50	1015	1.12	<0.01	0.32
330463		28.1	2.44	3.01	0.07	0.05	0.05	0.031	0.06	11.4	13.7	0.46	779	1.18	<0.01	0.30
330464		103.5	3.11	5.47	0.14	0.05	0.04	0.033	0.08	34.5	19.3	0.74	810	0.62	0.02	0.38
330465		51.9	3.29	6.75	0.09	0.05	0.03	0.038	0.06	17.6	18.2	0.57	965	0.97	0.01	0.64
330466		4.6	1.91	7.30	0.10	0.03	0.01	0.013	0.10	28.7	15.6	0.89	860	0.16	<0.01	0.12
330467		34.4	2.69	4.94	0.07	0.03	0.01	0.025	0.05	16.6	11.7	0.29	180	1.00	<0.01	0.52
330468		40.2	3.13	3.91	0.11	0.05	0.05	0.039	0.07	24.9	18.1	0.47	1235	1.59	<0.01	0.47
330469		21.2	3.63	5.56	0.08	0.03	0.01	0.036	0.07	16.2	21.9	0.53	612	1.07	<0.01	0.60
330470		22.0	3.10	6.72	0.08	0.04	0.02	0.042	0.04	21.4	22.6	0.31	256	1.69	<0.01	0.70
330471		7.9	2.82	5.21	0.07	0.03	0.01	0.024	0.08	15.3	22.8	0.47	381	1.10	<0.01	1.22
330472		27.2	3.32	5.72	0.09	0.05	0.03	0.037	0.08	20.1	21.8	0.51	1195	1.35	<0.01	0.99
330473		66.0	1.58	4.38	0.09	0.04	0.06	0.026	0.09	22.0	19.6	0.60	163	0.36	0.01	0.61
330474		45.7	2.76	4.20	0.11	0.04	0.05	0.022	0.10	23.0	17.9	0.60	1130	1.21	0.01	0.63
330475		20.6	2.74	6.68	0.16	0.09	0.14	0.058	0.09	43.1	22.5	0.91	4760	0.93	<0.01	0.23
330476		47.9	2.96	3.35	0.11	0.05	0.03	0.037	0.11	26.1	14.2	0.49	1390	0.84	<0.01	0.36
330477		100.0	3.17	5.85	0.10	0.04	0.03	0.038	0.05	23.2	21.2	0.33	671	1.62	<0.01	0.60
330478		11.0	2.01	3.16	0.08	0.02	0.02	0.016	0.06	23.4	6.1	0.17	300	0.97	<0.01	0.57
330479		21.6	2.56	3.82	0.08	0.06	0.07	0.037	0.16	17.2	13.8	0.48	582	0.77	<0.01	0.36
330480		2500.0	15.85	15.35	0.45	0.15	0.01	0.496	0.41	14.3	34.3	2.38	3020	6.09	0.11	0.16
330481		82.9	3.28	4.42	0.12	0.07	0.06	0.048	0.10	23.7	18.6	0.48	956	1.07	<0.01	0.46
330482		28.2	2.42	3.30	0.08	0.05	0.06	0.033	0.10	16.9	14.4	0.43	861	0.80	<0.01	0.33
330483		86.7	3.49	4.63	0.13	0.09	0.07	0.055	0.11	32.4	16.1	0.53	2750	1.87	<0.01	0.38
330484		70.0	2.90	3.92	0.09	0.06	0.06	0.050	0.09	20.9	15.3	0.55	971	0.58	<0.01	0.35
330485		46.1	3.12	3.70	0.10	0.07	0.05	0.039	0.09	20.1	14.8	0.50	941	0.83	<0.01	0.38
330486		11.5	2.58	3.95	0.07	0.03	0.02	0.028	0.05	17.1	13.7	0.23	180	1.00	<0.01	0.55
330487		29.0	2.20	3.85	0.08	0.04	0.09	0.042	0.06	18.8	12.5	0.27	746	0.88	<0.01	0.42

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
202998		24.4	460	9.3	19.0	<0.001	0.07	0.46	2.9	0.8	0.3	30.3	<0.01	0.04	3.8	0.044
202999		27.7	310	10.3	21.6	<0.001	0.05	0.39	3.7	0.6	0.3	19.4	<0.01	0.03	5.5	0.062
203000		23.8	300	11.1	20.4	<0.001	0.03	0.41	3.4	0.4	0.3	13.5	<0.01	0.02	7.4	0.044
330451		18.0	320	8.9	14.0	<0.001	0.05	0.37	2.4	0.7	0.2	19.3	<0.01	0.03	4.8	0.026
330452		23.7	360	12.5	13.7	<0.001	0.04	0.34	3.0	0.7	0.3	19.6	<0.01	0.03	7.6	0.036
330453		22.9	520	6.6	14.0	<0.001	0.06	0.20	2.0	0.7	0.2	36.9	<0.01	0.03	8.8	0.017
330454		26.5	540	6.1	6.8	<0.001	0.02	0.10	1.5	0.5	<0.2	14.2	<0.01	0.04	16.0	0.011
330455		19.0	220	34.1	14.6	<0.001	0.02	0.51	3.6	0.5	0.5	11.1	<0.01	0.03	4.4	0.006
330456		16.4	500	20.2	11.5	<0.001	0.04	0.73	2.9	0.6	0.3	22.3	<0.01	0.03	3.2	0.008
330457		21.7	170	27.0	9.3	<0.001	0.01	0.51	3.2	0.4	0.5	9.8	<0.01	0.03	5.0	0.007
330458		20.1	310	36.6	11.7	<0.001	0.02	0.58	3.7	0.5	0.5	13.0	<0.01	0.04	3.1	0.006
330459		19.3	600	27.2	12.6	<0.001	0.06	0.60	2.5	1.0	0.5	16.5	0.01	0.04	1.7	0.008
330460		24.0	410	32.3	11.7	<0.001	0.04	0.69	3.8	0.9	0.4	13.4	<0.01	0.04	3.1	0.007
330461		24.0	410	32.2	12.0	<0.001	0.04	0.71	3.8	0.9	0.4	13.1	<0.01	0.05	3.1	0.007
330462		22.0	580	31.0	12.6	<0.001	0.05	0.75	3.1	0.9	0.4	15.6	<0.01	0.04	2.1	0.007
330463		17.2	600	27.2	11.0	<0.001	0.08	0.78	2.4	1.1	0.3	21.1	<0.01	0.04	1.4	0.007
330464		34.0	450	12.2	18.7	<0.001	0.04	0.44	6.5	1.0	0.4	11.4	0.01	0.03	6.6	0.037
330465		25.4	200	21.1	14.0	<0.001	0.02	0.48	4.8	0.6	0.7	9.0	<0.01	0.04	6.4	0.024
330466		27.2	650	4.2	39.6	<0.001	0.01	0.15	8.0	0.4	1.0	4.7	<0.01	0.01	13.1	0.045
330467		13.8	170	14.2	11.9	<0.001	0.01	0.45	2.4	0.3	0.5	5.7	<0.01	0.04	5.1	0.014
330468		22.2	460	19.7	16.9	<0.001	0.04	0.52	3.7	1.0	0.4	11.9	<0.01	0.09	3.8	0.012
330469		26.0	320	15.2	21.8	<0.001	0.01	0.41	3.1	0.3	0.6	6.9	<0.01	0.04	6.9	0.026
330470		15.1	190	17.9	11.9	<0.001	0.01	0.44	2.8	0.3	0.8	4.4	<0.01	0.04	4.9	0.011
330471		12.7	230	20.3	29.5	<0.001	0.01	0.28	2.2	0.3	0.6	8.3	<0.01	0.03	5.3	0.029
330472		21.6	250	26.3	24.5	<0.001	0.02	0.45	3.5	0.5	0.6	13.0	<0.01	0.04	6.4	0.019
330473		21.2	670	79.6	23.3	<0.001	0.15	0.51	3.2	1.2	0.3	16.4	0.01	0.01	3.3	0.032
330474		22.3	680	18.0	27.3	<0.001	0.10	0.52	2.9	1.1	0.3	16.2	<0.01	0.04	4.0	0.032
330475		30.0	1100	20.4	20.2	0.001	0.08	0.60	10.2	2.1	0.3	12.0	0.02	0.03	5.3	0.011
330476		19.8	330	13.9	14.1	<0.001	0.02	0.57	3.1	0.5	0.2	4.3	<0.01	0.04	9.3	0.012
330477		13.9	300	19.1	14.5	<0.001	0.01	0.37	2.7	0.4	0.5	4.8	0.01	0.05	7.3	0.007
330478		7.5	170	8.7	12.2	<0.001	<0.01	0.28	1.1	0.3	0.3	4.2	0.01	0.05	7.8	0.010
330479		16.6	490	17.3	20.2	<0.001	0.04	0.60	2.5	0.6	0.3	11.6	0.01	0.04	3.8	0.009
330480		34.8	1730	4.3	19.9	0.001	0.19	4.06	11.5	1.6	0.9	283.0	0.02	0.02	2.8	0.202
330481		20.6	200	22.5	14.5	<0.001	0.01	0.51	3.4	0.6	0.4	7.8	0.01	0.04	8.8	0.010
330482		16.6	530	15.5	13.0	<0.001	0.05	0.47	2.8	0.8	0.3	9.3	0.01	0.04	3.4	0.009
330483		22.3	670	17.1	22.7	<0.001	0.07	0.57	8.4	1.4	0.3	10.4	0.01	0.06	7.2	0.009
330484		25.0	440	16.8	14.1	<0.001	0.02	0.73	4.5	0.8	0.3	6.4	0.01	0.04	5.7	0.014
330485		23.6	240	21.7	10.4	<0.001	0.01	0.66	4.5	0.7	0.3	6.6	<0.01	0.04	6.2	0.010
330486		11.5	140	16.9	12.3	<0.001	<0.01	0.43	1.7	0.3	0.4	5.3	<0.01	0.02	4.7	0.011
330487		15.1	750	22.4	14.3	<0.001	0.07	0.58	4.3	1.1	0.4	11.1	0.01	0.04	2.0	0.008

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 4-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method Analyte Units LOR	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
202998		0.09	3.59	36	0.11	6.89	46	0.6
202999		0.11	2.09	46	0.11	7.40	40	0.7
203000		0.10	1.36	36	0.10	7.46	39	0.9
330451		0.09	1.35	26	0.08	5.62	37	0.6
330452		0.09	1.29	30	0.70	7.65	52	0.6
330453		0.10	1.63	14	0.06	7.29	87	0.5
330454		0.07	1.47	11	<0.05	10.10	101	<0.5
330455		0.13	0.71	45	0.10	5.41	131	1.7
330456		0.11	0.65	19	0.12	7.96	88	1.4
330457		0.12	0.59	40	0.15	4.27	100	1.9
330458		0.12	0.94	48	0.12	6.41	150	1.3
330459		0.11	1.72	27	0.11	8.31	183	1.1
330460		0.12	0.73	37	0.11	10.15	188	1.7
330461		0.12	0.72	37	0.11	10.00	191	1.7
330462		0.12	0.82	32	0.10	9.56	187	1.4
330463		0.10	1.14	26	0.32	7.46	143	1.3
330464		0.09	1.48	49	0.15	15.90	51	0.8
330465		0.15	0.67	58	0.17	5.17	73	1.7
330466		0.17	1.19	40	0.06	8.16	17	0.6
330467		0.11	0.52	45	0.14	2.39	46	1.0
330468		0.11	2.88	48	0.11	13.85	52	0.9
330469		0.13	1.13	48	0.13	3.19	45	1.2
330470		0.31	0.51	53	0.18	3.84	46	1.3
330471		0.23	0.68	39	0.12	2.76	81	0.9
330472		0.21	1.23	45	0.14	5.77	76	1.3
330473		0.17	4.05	27	0.08	11.05	177	0.8
330474		0.17	2.25	32	0.11	9.47	107	0.7
330475		0.13	1.89	32	0.17	50.90	67	0.9
330476		0.11	1.04	18	0.10	9.23	50	1.4
330477		0.14	1.01	35	0.15	4.09	50	0.9
330478		0.07	1.09	21	0.13	2.54	20	0.5
330479		0.10	0.71	25	0.11	6.32	82	1.2
330480		0.11	4.13	122	11.55	18.25	165	8.9
330481		0.13	1.18	28	0.26	6.59	66	2.5
330482		0.10	1.73	21	0.12	7.14	90	1.2
330483		0.14	2.89	33	0.17	25.90	81	1.6
330484		0.18	1.02	30	0.17	10.50	131	1.3
330485		0.12	0.74	27	0.17	10.00	94	1.8
330486		0.11	0.49	34	0.12	2.28	63	1.1
330487		0.12	1.53	27	0.13	10.95	101	0.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 4-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
330488		0.70	<0.005	0.18	0.99	8.7	<10	120	0.56	0.39	1.84	0.15	25.80	9.1	12	1.13
330489		0.54	<0.005	0.02	0.57	2.7	<10	140	0.17	0.30	0.33	0.16	35.30	2.9	7	1.08
330490		0.60	<0.005	0.10	0.76	8.9	<10	80	0.44	0.62	0.26	0.07	52.80	11.8	11	0.88
330491		0.42	0.008	0.10	1.62	13.6	<10	170	0.67	0.54	0.31	0.12	34.90	16.5	18	1.91
330492		0.46	<0.005	0.05	2.00	17.5	<10	2300	1.12	0.61	0.35	0.19	65.40	20.8	21	1.33
330493		0.64	<0.005	0.02	1.18	12.0	<10	100	0.30	0.34	0.08	0.11	32.70	9.3	16	1.39
330691		0.52	<0.005	0.05	1.78	7.8	<10	270	0.77	0.38	0.28	0.19	38.20	11.7	17	1.66
330692		0.90	<0.005	0.20	1.04	4.0	<10	150	0.69	0.31	4.67	0.18	41.30	9.4	12	1.00
330693		0.48	0.012	0.24	2.17	12.0	<10	360	1.47	0.44	0.75	0.62	40.50	17.4	22	1.36
330694		0.62	<0.005	0.10	1.03	7.8	<10	190	0.77	0.32	4.41	0.24	36.60	11.0	14	0.82
330695		0.56	<0.005	0.07	1.17	9.2	<10	150	0.85	0.40	1.38	0.13	38.80	8.4	14	0.91
330696		0.48	<0.005	0.02	1.03	9.7	<10	100	0.40	0.32	0.08	0.08	31.60	6.5	14	1.07
330697		0.56	<0.005	0.10	1.19	12.9	<10	210	0.93	0.44	0.96	0.23	36.50	12.4	16	1.03
330698		0.74	<0.005	0.09	1.12	18.0	<10	200	0.85	0.39	0.51	0.23	41.20	12.9	15	0.89
330699		0.54	<0.005	0.03	1.10	7.1	<10	100	0.75	0.32	0.46	0.09	34.00	6.8	16	1.08
330700		0.46	<0.005	0.03	1.66	9.2	<10	100	0.94	0.36	0.55	0.16	42.70	9.2	19	2.11
330701		0.52	<0.005	0.02	1.79	8.3	<10	110	0.57	0.30	0.41	0.17	48.00	7.6	20	1.93
330702		0.60	<0.005	0.14	1.05	10.6	<10	120	0.70	0.45	0.57	0.21	50.20	13.2	19	2.00
330703		0.50	<0.005	0.03	1.78	10.5	<10	80	1.09	0.49	0.31	0.17	34.30	11.6	24	3.19
330704		0.58	<0.005	0.08	1.07	9.6	<10	100	0.53	0.32	0.27	0.06	25.20	5.8	15	1.09
330705		0.52	<0.005	0.04	1.17	7.6	<10	100	0.60	0.27	0.45	0.07	23.70	9.6	19	1.55
330706		0.54	<0.005	0.12	0.99	7.6	<10	70	0.74	0.36	0.40	0.17	39.50	10.5	20	1.35
330707		0.48	<0.005	0.25	1.42	9.4	<10	130	1.10	0.35	0.92	0.28	55.50	15.8	25	2.35
330708		0.50	<0.005	0.12	1.09	5.1	<10	80	0.79	0.33	1.27	0.13	47.20	13.5	17	1.34
330709		0.44	<0.005	0.12	1.04	6.7	<10	120	0.79	0.33	1.20	0.25	56.80	16.5	18	1.34
330710		0.62	<0.005	0.15	1.32	9.1	<10	240	0.94	0.32	0.97	0.13	50.50	16.1	25	2.03
330711		0.54	<0.005	0.04	1.54	9.4	<10	260	0.80	0.36	0.21	0.11	34.40	10.9	18	1.09
330712		0.66	<0.005	0.05	1.36	14.2	<10	110	1.10	0.42	0.12	0.14	40.30	16.9	17	1.00
330713		0.52	<0.005	0.12	1.22	10.0	<10	300	0.84	0.44	0.73	0.51	25.20	12.1	16	0.84
330714		0.56	<0.005	0.11	1.11	10.2	<10	210	0.85	0.33	1.01	0.18	28.60	10.5	15	0.65
330715		0.54	<0.005	0.09	1.07	9.2	<10	160	0.80	0.35	0.64	0.18	27.20	9.3	14	0.76
330716		0.50	0.008	0.15	0.90	8.2	<10	190	0.93	0.28	1.94	0.44	16.95	9.5	11	0.70
330717		0.40	<0.005	0.15	0.73	4.1	<10	310	1.86	0.40	3.41	0.23	22.90	5.1	10	1.57
330718		0.50	<0.005	0.05	1.26	5.6	<10	160	0.46	0.38	0.50	0.25	24.80	6.7	15	0.91
330719		0.50	<0.005	0.01	1.24	9.1	<10	180	0.64	0.43	0.43	0.30	32.80	11.1	16	0.82
330720		0.14	0.082	1.36	4.88	47	20	510	0.99	0.04	15.20	0.04	26.20	46.2	61	2.52
330721		0.48	<0.005	0.06	0.93	6.3	<10	120	0.29	0.32	0.23	0.13	24.10	5.2	12	0.71
330722		0.52	<0.005	0.07	1.50	11.8	<10	130	1.07	0.31	0.18	0.09	41.40	11.0	21	0.96
330723		0.78	<0.005	0.08	1.11	8.3	<10	130	0.76	0.28	3.60	0.14	33.40	9.0	13	0.82
330724		0.56	<0.005	0.09	1.31	9.9	<10	220	1.01	0.32	1.17	0.28	26.30	10.0	15	0.81

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
330488		140.5	2.27	2.75	0.10	0.04	0.07	0.023	0.06	25.1	13.2	0.41	663	1.06	0.01	0.45
330489		9.2	1.10	3.72	0.06	<0.02	0.02	0.010	0.06	18.3	3.1	0.11	150	0.68	<0.01	0.40
330490		32.8	2.44	2.46	0.10	0.04	0.02	0.022	0.06	25.8	11.1	0.33	541	0.73	<0.01	0.50
330491		31.3	3.23	5.68	0.08	0.05	0.03	0.047	0.08	16.3	24.5	0.55	1050	1.48	<0.01	0.60
330492		22.9	3.30	5.24	0.10	0.05	0.03	0.068	0.06	20.2	16.7	0.38	1240	1.31	<0.01	0.50
330493		12.9	3.15	4.87	0.08	0.03	0.01	0.026	0.04	16.3	23.7	0.34	207	1.34	<0.01	0.64
330691		14.4	2.93	5.28	0.08	0.05	0.02	0.044	0.06	18.5	19.1	0.37	962	0.75	<0.01	0.49
330692		38.8	1.73	3.01	0.06	0.10	0.06	0.029	0.12	20.4	13.1	2.37	664	0.41	0.01	0.32
330693		24.6	3.37	6.63	0.07	0.07	0.08	0.066	0.05	19.4	18.2	0.40	4470	1.40	<0.01	0.48
330694		35.9	2.20	3.02	0.05	0.06	0.05	0.035	0.10	18.0	12.3	2.21	1095	0.52	0.01	0.40
330695		36.8	2.15	3.35	0.06	0.08	0.05	0.034	0.14	19.6	14.7	1.04	300	0.53	<0.01	0.32
330696		9.2	2.43	4.56	0.06	0.03	0.02	0.027	0.04	15.3	16.2	0.21	156	1.26	<0.01	0.63
330697		47.1	2.39	3.58	0.06	0.07	0.06	0.034	0.14	18.4	16.3	0.67	1335	0.66	<0.01	0.27
330698		36.8	3.05	3.32	0.07	0.07	0.06	0.037	0.12	20.3	16.6	0.56	638	0.79	<0.01	0.30
330699		8.4	2.12	5.27	0.05	0.04	0.03	0.027	0.06	16.7	20.5	0.39	400	0.64	<0.01	0.36
330700		11.5	2.74	6.32	0.05	0.05	0.04	0.042	0.05	18.4	21.6	0.29	525	1.42	<0.01	0.62
330701		8.8	3.03	4.87	0.05	0.04	0.03	0.037	0.05	20.5	29.7	0.35	844	1.00	<0.01	0.49
330702		37.4	2.90	3.59	0.07	0.03	0.03	0.024	0.08	25.3	18.3	0.54	1165	0.94	<0.01	0.69
330703		19.4	3.31	5.57	0.05	0.02	0.02	0.040	0.07	13.0	28.3	0.63	596	1.17	<0.01	1.19
330704		9.1	2.65	4.45	0.06	0.03	0.01	0.025	0.05	12.8	18.9	0.27	198	1.29	<0.01	0.76
330705		11.8	2.52	4.46	<0.05	0.03	0.02	0.023	0.05	11.4	22.0	0.38	512	1.67	<0.01	0.89
330706		38.7	2.54	3.60	0.06	0.04	0.04	0.026	0.05	21.2	18.3	0.49	924	0.93	<0.01	0.53
330707		93.4	3.07	5.64	0.08	0.04	0.04	0.028	0.14	29.2	24.6	0.80	1135	1.23	0.01	0.54
330708		52.6	2.13	4.21	0.08	0.03	0.03	0.018	0.08	24.6	21.4	0.69	744	0.63	<0.01	0.33
330709		54.3	2.41	3.97	0.07	0.03	0.03	0.019	0.08	28.0	21.6	0.64	1985	0.87	0.01	0.34
330710		57.8	2.95	5.12	0.06	0.03	0.04	0.028	0.11	25.1	23.0	0.71	3350	1.24	0.01	0.56
330711		13.5	2.86	4.67	<0.05	0.05	0.03	0.037	0.06	16.0	20.4	0.35	664	1.13	<0.01	0.53
330712		15.9	3.44	3.38	0.05	0.05	0.02	0.045	0.05	15.1	22.0	0.31	789	1.24	<0.01	0.50
330713		21.1	2.77	3.47	0.05	0.05	0.04	0.032	0.05	11.8	15.1	0.36	1220	0.90	<0.01	0.38
330714		31.7	2.57	2.95	0.05	0.06	0.04	0.034	0.08	13.9	15.3	0.46	1385	0.73	<0.01	0.31
330715		22.4	2.29	3.13	0.05	0.05	0.04	0.031	0.06	12.8	13.5	0.39	568	0.80	<0.01	0.33
330716		27.3	1.92	2.51	<0.05	0.04	0.07	0.027	0.04	8.4	11.2	0.40	941	0.81	<0.01	0.26
330717		114.0	1.27	2.13	0.07	0.08	0.12	0.022	0.05	40.0	11.1	0.45	319	0.33	<0.01	0.19
330718		20.8	2.27	4.27	<0.05	0.03	0.02	0.033	0.07	11.9	18.8	0.36	335	0.93	<0.01	0.58
330719		14.2	2.98	3.63	0.06	0.04	0.02	0.035	0.16	14.8	24.6	0.42	819	1.15	<0.01	0.57
330720		3160.0	12.90	12.80	0.32	0.25	0.01	0.574	0.41	17.0	27.1	2.26	3070	6.52	0.11	0.16
330721		21.4	2.15	4.47	<0.05	0.03	0.02	0.026	0.05	11.8	10.3	0.16	291	1.26	<0.01	0.56
330722		22.3	3.07	4.05	0.06	0.08	0.04	0.039	0.06	19.4	22.9	0.44	462	0.93	<0.01	0.48
330723		27.1	2.28	2.79	0.05	0.06	0.03	0.030	0.14	16.5	13.8	2.25	863	0.65	0.01	0.24
330724		31.3	2.56	3.49	0.05	0.07	0.06	0.037	0.09	13.1	15.8	0.54	955	0.82	<0.01	0.29

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 4-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
330488		14.6	950	13.4	16.9	<0.001	0.12	0.67	1.5	1.7	0.2	15.7	0.01	0.05	1.3	0.011
330489		5.0	200	8.7	10.9	<0.001	0.01	0.25	1.1	0.3	0.4	7.5	<0.01	0.03	3.4	0.012
330490		15.9	420	10.4	9.0	<0.001	0.01	0.41	1.8	0.5	0.2	5.8	<0.01	0.03	10.1	0.012
330491		15.9	310	30.4	15.7	<0.001	0.02	0.46	3.1	0.5	0.6	9.8	<0.01	0.05	4.9	0.013
330492		23.1	390	19.6	12.3	<0.001	0.05	0.49	5.9	0.8	0.5	26.0	0.01	0.05	6.6	0.009
330493		17.3	120	16.6	14.1	<0.001	<0.01	0.56	2.0	0.3	0.5	5.9	<0.01	0.04	4.7	0.014
330691		17.5	220	23.6	13.9	<0.001	0.01	0.38	3.2	0.5	0.5	7.0	<0.01	0.04	6.5	0.005
330692		22.6	430	11.7	11.8	<0.001	0.02	0.58	3.2	<0.2	0.3	24.3	<0.01	0.03	9.1	0.011
330693		25.7	560	32.5	9.2	<0.001	0.03	0.61	6.6	0.2	0.7	12.6	<0.01	0.04	4.4	0.008
330694		23.9	500	13.8	9.7	<0.001	0.03	0.67	3.7	<0.2	0.3	23.9	<0.01	0.02	7.5	0.013
330695		22.1	490	11.2	12.6	<0.001	0.03	0.62	3.2	<0.2	0.3	9.1	<0.01	0.03	7.6	0.009
330696		12.5	140	17.6	10.8	<0.001	0.01	0.49	1.9	<0.2	0.5	5.5	<0.01	0.03	4.7	0.011
330697		26.1	520	13.1	14.3	<0.001	0.05	0.73	3.4	0.3	0.3	9.2	<0.01	0.03	5.1	0.010
330698		25.0	460	20.0	10.7	<0.001	0.03	0.63	3.7	0.2	0.3	7.3	<0.01	0.03	7.4	0.010
330699		18.6	370	13.6	21.6	<0.001	0.03	0.35	3.6	<0.2	0.5	9.1	<0.01	0.02	6.2	0.011
330700		16.5	330	25.3	14.5	<0.001	0.04	0.49	4.0	0.3	0.8	11.4	<0.01	0.05	6.1	0.010
330701		13.9	300	19.3	13.9	<0.001	0.03	0.39	3.3	<0.2	0.6	7.6	<0.01	0.05	6.1	0.010
330702		24.6	410	20.1	19.3	<0.001	0.05	0.51	2.9	0.3	0.3	10.5	<0.01	0.03	5.8	0.032
330703		25.4	290	27.9	26.1	<0.001	0.03	0.43	2.9	<0.2	0.5	7.0	<0.01	0.03	5.6	0.035
330704		13.2	230	18.1	15.5	<0.001	0.02	0.43	1.8	<0.2	0.5	11.3	<0.01	0.02	4.7	0.016
330705		15.3	300	17.8	16.0	<0.001	0.02	0.27	2.1	<0.2	0.5	15.0	<0.01	0.02	4.3	0.024
330706		25.5	550	12.7	12.1	<0.001	0.02	0.38	3.5	<0.2	0.3	14.5	<0.01	0.02	6.9	0.029
330707		31.5	700	15.1	30.2	<0.001	0.07	0.45	4.9	0.4	0.5	21.2	<0.01	0.04	7.8	0.051
330708		21.6	660	8.9	18.5	<0.001	0.08	0.27	3.0	0.3	0.3	23.7	<0.01	0.03	5.0	0.026
330709		26.8	730	10.1	17.9	<0.001	0.08	0.32	2.7	0.3	0.3	21.4	<0.01	0.03	5.0	0.028
330710		29.4	530	11.4	26.2	<0.001	0.06	0.39	4.9	<0.2	0.5	12.7	<0.01	0.03	5.7	0.042
330711		18.0	180	22.6	13.6	<0.001	0.02	0.41	2.9	<0.2	0.5	7.4	<0.01	0.03	5.7	0.009
330712		21.4	330	23.2	11.2	<0.001	0.02	0.59	2.0	<0.2	0.4	4.5	<0.01	0.03	6.3	0.011
330713		18.9	590	20.2	10.3	<0.001	0.04	0.43	2.7	0.3	0.4	11.3	<0.01	0.03	2.5	0.010
330714		23.7	410	19.9	9.6	0.001	0.05	0.55	2.7	0.5	0.3	11.6	<0.01	0.02	3.8	0.008
330715		18.6	420	21.4	10.0	<0.001	0.04	0.43	2.6	0.3	0.3	9.3	<0.01	0.03	2.9	0.009
330716		19.5	780	21.0	6.5	<0.001	0.11	0.51	1.4	0.7	0.3	18.2	<0.01	0.03	0.7	0.006
330717		19.7	770	17.0	9.2	0.001	0.13	1.05	2.5	1.8	0.2	28.5	<0.01	0.05	2.0	<0.005
330718		18.6	400	23.6	17.9	0.002	0.03	0.28	1.9	<0.2	0.5	8.9	<0.01	0.02	3.0	0.008
330719		18.4	350	20.6	25.9	<0.001	0.03	0.46	2.7	<0.2	0.4	8.3	<0.01	0.03	6.1	0.014
330720		44.9	1800	4.3	16.7	0.001	0.22	5.88	9.3	<0.2	1.1	309.0	<0.01	0.01	2.5	0.211
330721		12.3	160	19.3	7.8	0.001	0.02	0.40	1.7	<0.2	0.6	7.1	<0.01	0.03	3.5	0.014
330722		23.0	150	27.6	10.5	0.001	0.01	0.44	4.2	<0.2	0.4	7.6	<0.01	0.02	6.6	0.010
330723		21.8	400	15.8	11.8	<0.001	0.03	0.56	3.0	<0.2	0.3	14.0	<0.01	0.02	6.7	0.010
330724		23.7	650	22.0	9.8	0.001	0.07	0.58	2.9	0.6	0.3	11.8	<0.01	0.02	2.3	0.008

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 4-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
330488		0.09	5.14	18	0.18	15.25	59	0.9
330489		0.09	0.47	25	0.15	2.33	30	<0.5
330490		0.07	1.43	14	0.26	5.66	41	0.8
330491		0.16	0.76	40	0.13	4.11	65	1.4
330492		0.13	1.35	34	0.23	12.45	65	0.9
330493		0.11	0.71	38	0.11	2.34	88	1.2
330691		0.15	0.81	34	0.13	5.22	56	1.5
330692		0.11	0.51	15	0.12	7.38	64	3.5
330693		0.18	1.64	43	0.18	21.70	72	1.2
330694		0.10	1.03	19	0.16	8.72	67	2.3
330695		0.11	0.53	17	0.13	7.18	72	2.3
330696		0.13	0.50	37	0.14	2.28	45	1.2
330697		0.13	1.05	20	0.12	8.22	79	1.8
330698		0.12	0.54	19	0.15	8.39	79	2.1
330699		0.12	0.78	34	0.11	6.96	45	0.8
330700		0.19	0.94	48	0.18	8.03	63	1.4
330701		0.15	0.70	48	0.13	8.83	73	1.2
330702		0.20	3.29	26	0.10	9.64	57	0.7
330703		0.27	0.82	39	0.11	4.56	102	0.6
330704		0.13	0.51	35	0.17	2.67	54	1.2
330705		0.17	0.78	32	0.11	2.80	49	0.7
330706		0.12	1.50	26	0.09	9.10	52	0.8
330707		0.19	3.75	41	0.10	12.70	79	0.8
330708		0.11	2.11	24	0.08	8.31	82	0.6
330709		0.13	2.24	28	0.25	9.29	78	0.5
330710		0.21	4.65	36	0.11	10.55	51	0.7
330711		0.14	0.69	38	0.17	3.46	59	1.7
330712		0.13	0.81	32	0.16	3.22	62	1.5
330713		0.08	0.85	31	0.14	5.72	74	1.0
330714		0.09	0.78	22	0.11	7.26	55	1.5
330715		0.10	0.86	24	0.11	6.11	70	1.2
330716		0.08	0.99	21	0.12	6.16	77	0.9
330717		0.12	6.12	11	0.11	27.00	22	1.8
330718		0.13	0.65	31	0.13	2.57	75	0.8
330719		0.12	1.20	32	0.10	3.77	155	1.0
330720		0.11	3.66	129	12.95	14.70	148	15.4
330721		0.11	0.40	43	0.18	1.78	43	1.0
330722		0.11	0.83	34	0.12	10.25	76	2.8
330723		0.11	0.49	18	0.12	7.02	64	2.2
330724		0.12	0.94	25	0.12	8.61	115	1.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
330725		0.48	<0.005	0.14	1.05	8.1	<10	250	0.76	0.26	1.89	0.33	26.60	8.2	13	0.97
330726		0.46	<0.005	0.14	1.57	6.2	<10	300	2.74	0.96	1.60	0.44	97.70	9.4	18	1.29
330727		0.60	<0.005	0.04	1.66	12.9	<10	190	0.86	0.51	0.16	0.14	30.80	13.8	21	1.34
330728		0.54	<0.005	0.08	1.92	4.2	<10	100	1.91	0.15	6.49	0.22	49.50	9.5	24	3.47
330729		0.46	<0.005	0.03	1.31	5.0	<10	80	0.62	0.23	0.84	0.10	21.40	10.4	35	1.27
330730		0.64	<0.005	0.05	2.26	4.8	<10	50	1.94	0.14	0.89	0.05	46.90	24.8	81	2.03
330731		0.44	<0.005	0.10	1.91	7.3	<10	180	1.54	0.45	0.87	0.30	144.50	13.1	18	1.62
330732		0.54	<0.005	0.11	1.46	12.1	10	180	1.00	0.44	0.85	0.29	60.70	13.6	18	0.79
330733		0.54	<0.005	0.04	1.82	10.5	<10	190	0.69	0.33	0.36	0.11	33.70	10.4	20	1.32
330734		0.60	<0.005	0.06	1.72	10.4	<10	270	0.75	0.35	0.31	0.25	32.90	11.7	20	1.17
330735		0.66	<0.005	0.09	1.38	9.5	<10	160	0.79	0.35	1.17	0.28	42.70	11.5	18	0.86
330736		0.60	<0.005	0.14	1.18	8.0	<10	180	0.70	0.34	1.01	0.17	36.60	10.7	17	0.74
330737		0.58	<0.005	0.10	1.17	6.4	<10	240	0.72	0.33	1.57	0.16	23.90	8.6	14	1.05
330738		0.66	<0.005	0.14	1.28	8.6	<10	330	0.93	0.40	0.59	0.26	34.70	13.9	17	1.03
330739		0.44	<0.005	0.04	1.06	8.1	<10	150	0.28	0.33	0.15	0.12	32.10	7.9	15	0.82
330740		0.66	0.057	0.43	2.96	33.9	<10	120	1.34	0.43	6.10	0.04	148.50	205.0	46	6.33
330741		0.58	0.035	0.38	2.90	31.9	<10	120	1.21	0.44	5.85	0.06	159.50	184.0	46	6.09
330742		0.42	<0.005	0.03	0.94	7.2	<10	70	0.26	0.32	0.25	0.08	26.10	8.5	12	0.76
330743		0.42	<0.005	0.03	1.78	6.6	<10	160	1.16	0.29	0.66	0.11	85.70	11.5	30	1.22
330744		0.62	<0.005	0.04	1.70	10.6	<10	250	0.76	0.35	0.32	0.09	31.80	10.9	20	1.06
330745		0.56	<0.005	0.13	1.42	9.8	<10	140	1.06	0.34	0.80	0.10	35.40	8.9	17	1.01
330746		0.46	0.007	0.13	0.95	8.6	<10	230	0.53	0.27	1.64	0.35	22.20	9.4	14	0.70
330747		0.60	<0.005	0.03	1.81	10.6	<10	170	0.78	0.36	0.28	0.22	33.90	11.5	20	1.31
330748		0.60	<0.005	0.17	1.44	11.0	<10	200	0.86	0.36	0.64	0.33	34.00	11.6	20	0.83
330749		0.76	0.008	0.06	1.45	10.5	<10	230	0.94	0.42	0.40	0.26	49.60	13.1	17	0.91
330750		0.56	<0.005	0.11	1.44	12.0	<10	200	0.81	0.32	0.33	0.23	31.30	12.4	20	0.92
330751		0.48	<0.005	0.06	1.70	11.8	<10	190	1.04	0.41	0.49	0.43	41.80	12.1	21	0.92
330752		0.68	<0.005	0.05	1.62	11.4	<10	160	0.94	0.38	0.26	0.20	43.40	13.0	20	1.11
330753		0.60	<0.005	0.14	1.25	10.7	<10	220	0.82	0.38	0.82	0.28	34.00	12.2	16	0.95
330754		0.52	<0.005	0.11	0.94	8.5	10	130	0.50	0.30	1.39	0.26	25.80	7.6	14	0.65
330755		0.74	<0.005	0.09	1.21	11.0	<10	160	0.66	0.44	1.23	0.16	37.60	10.7	15	0.72
330756		0.60	<0.005	0.11	1.60	9.5	<10	290	0.66	0.37	0.41	0.29	29.80	10.2	19	1.06
330757		0.58	<0.005	0.10	1.98	10.7	<10	180	1.05	0.36	1.39	0.18	28.80	17.1	34	1.59
330758		0.44	<0.005	0.13	1.50	12.1	<10	310	1.04	0.43	1.39	0.14	32.00	11.5	18	1.33
330759		0.62	<0.005	0.08	1.34	8.7	<10	180	0.73	0.42	0.44	0.09	45.50	10.6	17	0.97
330760		0.66	<0.005	0.11	1.10	7.1	<10	170	0.59	0.32	0.94	0.17	34.30	9.7	16	0.71
330761		0.68	<0.005	0.11	1.12	6.8	<10	170	0.62	0.33	0.81	0.18	35.00	9.2	16	0.77
330762		0.48	<0.005	0.10	1.21	9.2	<10	230	0.64	0.36	1.40	0.41	23.70	9.5	15	0.67
330763		0.66	<0.005	0.06	1.06	4.9	<10	150	0.49	0.33	0.66	0.30	28.10	7.2	12	1.01
330764		0.50	<0.005	0.05	1.95	8.3	<10	230	1.09	0.38	0.37	0.26	36.10	16.0	21	1.12

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 4-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
330725		29.0	2.12	3.51	0.05	0.05	0.09	0.038	0.07	14.5	14.8	0.52	1345	0.88	<0.01	0.27
330726		37.0	2.61	5.28	0.08	0.05	0.03	0.053	0.08	64.6	20.5	0.33	1695	1.03	0.01	0.34
330727		23.2	3.56	5.24	0.05	0.05	0.02	0.046	0.07	14.8	24.5	0.34	504	1.53	<0.01	0.67
330728		25.6	2.52	8.32	0.10	0.04	0.05	0.014	0.28	24.8	37.6	1.30	1030	0.54	0.11	1.05
330729		9.1	2.69	8.04	0.06	0.02	0.04	0.025	0.06	10.3	36.1	0.88	351	0.50	0.01	0.84
330730		18.0	4.57	11.85	0.11	0.04	0.03	0.049	0.08	20.3	32.8	1.97	320	0.30	0.02	0.93
330731		39.2	3.28	5.81	0.17	0.12	0.10	0.044	0.08	60.4	32.8	0.65	1885	0.89	0.01	0.28
330732		25.2	3.58	4.19	0.11	0.14	0.04	0.041	0.14	28.4	18.5	0.67	1205	1.16	0.01	0.31
330733		12.8	3.37	5.67	0.07	0.06	0.03	0.031	0.05	15.5	21.7	0.35	364	1.52	0.01	0.39
330734		12.6	3.60	4.92	0.07	0.05	0.03	0.038	0.06	14.7	21.6	0.45	748	1.33	0.01	0.37
330735		25.5	3.17	3.91	0.08	0.08	0.04	0.034	0.11	19.7	16.5	1.03	962	0.81	0.01	0.37
330736		25.0	2.91	3.42	0.08	0.08	0.07	0.033	0.09	17.6	16.4	0.82	992	0.62	0.01	0.27
330737		23.1	2.28	3.26	0.06	0.06	0.06	0.029	0.09	12.0	15.3	0.50	543	0.56	0.01	0.23
330738		25.3	3.11	3.74	0.08	0.07	0.07	0.036	0.07	15.7	18.9	0.46	733	0.93	0.01	0.30
330739		8.6	2.88	4.43	0.07	0.03	0.02	0.023	0.06	15.3	18.5	0.27	284	1.27	<0.01	0.42
330740		277.0	6.51	14.30	0.36	0.06	0.04	0.025	0.99	76.5	48.4	1.47	2650	3.52	0.30	0.85
330741		163.5	6.37	14.50	0.38	0.06	0.04	0.021	0.99	82.5	49.2	1.48	2480	3.17	0.27	0.85
330742		7.9	2.60	4.54	0.05	0.03	0.02	0.013	0.07	12.9	10.3	0.19	138	1.50	0.01	0.48
330743		13.5	2.97	7.73	0.13	0.07	0.04	0.034	0.11	42.8	32.6	0.91	785	0.84	0.01	0.48
330744		11.2	3.44	5.16	0.07	0.06	0.02	0.035	0.06	14.6	21.1	0.42	396	1.26	0.01	0.43
330745		25.7	3.03	3.82	0.09	0.07	0.04	0.038	0.09	21.3	17.0	0.52	394	0.77	0.01	0.28
330746		22.8	2.38	2.82	0.06	0.05	0.05	0.026	0.06	10.0	13.1	0.44	968	0.90	0.01	0.23
330747		13.2	3.58	5.24	0.07	0.05	0.02	0.039	0.05	13.7	22.9	0.40	583	1.31	<0.01	0.39
330748		53.5	3.47	4.13	0.09	0.11	0.09	0.036	0.08	16.8	19.1	0.49	373	0.80	0.01	0.43
330749		25.4	3.46	4.04	0.09	0.08	0.02	0.042	0.15	20.6	16.8	0.60	1260	0.83	0.01	0.24
330750		18.5	3.50	4.31	0.08	0.07	0.05	0.032	0.06	14.5	19.1	0.47	644	1.11	0.01	0.36
330751		26.6	3.76	4.76	0.10	0.11	0.03	0.046	0.10	20.6	16.0	0.60	963	1.24	0.01	0.38
330752		19.3	3.62	4.44	0.09	0.07	0.03	0.040	0.09	18.6	18.9	0.48	701	1.06	0.01	0.35
330753		38.4	2.89	3.58	0.08	0.07	0.08	0.032	0.07	16.7	14.6	0.44	1170	0.72	0.01	0.29
330754		19.8	2.11	2.74	0.06	0.06	0.08	0.024	0.06	12.4	13.3	0.47	598	0.36	0.01	0.31
330755		34.8	2.60	3.34	0.09	0.07	0.05	0.033	0.13	17.8	13.6	1.06	756	0.66	0.01	0.23
330756		14.7	3.06	5.23	0.07	0.06	0.03	0.033	0.06	13.8	18.6	0.39	727	1.08	<0.01	0.45
330757		134.0	3.93	7.57	0.09	0.05	0.04	0.044	0.08	14.0	32.5	1.21	1215	0.85	0.01	0.51
330758		96.1	2.88	4.06	0.09	0.06	0.08	0.033	0.13	16.5	18.7	0.61	763	0.95	0.01	0.25
330759		29.0	2.67	3.79	0.09	0.06	0.05	0.032	0.12	20.9	17.3	0.57	252	0.74	0.01	0.33
330760		20.7	2.50	3.20	0.08	0.06	0.06	0.028	0.08	16.1	16.5	0.50	436	1.28	0.01	0.30
330761		21.0	2.42	3.23	0.08	0.05	0.06	0.028	0.08	16.4	17.0	0.50	312	1.19	0.01	0.32
330762		20.5	2.72	3.44	0.07	0.06	0.04	0.031	0.06	11.6	13.9	0.47	673	1.21	0.01	0.30
330763		11.8	1.92	3.89	0.06	0.03	0.01	0.020	0.05	13.4	10.3	0.28	534	0.79	0.01	0.31
330764		31.3	3.51	6.04	0.07	0.07	0.03	0.039	0.10	16.7	18.1	0.56	956	1.08	0.01	0.45

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CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
330725		23.1	980	21.7	16.0	0.001	0.10	0.54	3.9	0.6	0.3	19.6	<0.01	0.02	1.8	0.008
330726		22.8	790	23.2	16.7	<0.001	0.07	0.48	3.7	0.4	0.8	19.5	<0.01	0.04	3.9	0.008
330727		22.0	220	31.7	15.4	0.001	0.01	0.55	2.5	<0.2	0.6	7.9	<0.01	0.03	5.2	0.012
330728		26.8	630	31.7	58.1	<0.001	0.09	0.38	6.8	0.7	1.0	38.2	0.01	0.03	5.8	0.046
330729		23.0	360	12.0	19.1	<0.001	0.04	0.37	5.5	0.4	1.1	9.6	0.01	0.03	5.0	0.044
330730		50.9	640	5.0	20.7	<0.001	0.02	0.23	14.1	0.3	1.3	8.3	0.01	0.02	10.4	0.072
330731		25.4	590	22.5	13.8	<0.001	0.06	0.68	4.0	1.1	0.4	9.7	0.02	0.10	8.6	0.007
330732		23.1	630	29.2	15.0	<0.001	0.06	0.88	4.4	0.8	0.4	9.7	0.01	0.05	5.7	0.009
330733		18.5	190	26.5	11.5	<0.001	0.01	0.75	3.0	0.3	0.6	9.9	<0.01	0.04	4.6	0.008
330734		19.4	230	29.5	14.5	<0.001	0.01	0.63	2.9	0.3	0.5	8.1	<0.01	0.04	4.7	0.007
330735		21.8	290	21.2	10.9	<0.001	0.02	0.70	4.1	0.4	0.3	9.8	<0.01	0.04	7.1	0.014
330736		21.0	480	19.8	9.5	<0.001	0.02	0.60	3.9	0.5	0.3	9.2	<0.01	0.03	5.5	0.010
330737		15.3	740	18.1	14.2	<0.001	0.11	0.47	2.5	1.1	0.3	15.3	0.01	0.03	1.8	0.007
330738		22.8	480	21.7	11.9	<0.001	0.04	0.60	4.2	0.8	0.3	9.3	<0.01	0.04	4.6	0.008
330739		11.2	160	19.2	13.2	<0.001	0.01	0.49	1.7	0.2	0.4	6.6	<0.01	0.03	4.4	0.011
330740		67.4	1210	7.1	129.0	<0.001	0.20	0.27	11.0	4.6	1.9	44.2	0.01	0.46	18.0	0.196
330741		68.1	1220	6.9	130.0	<0.001	0.19	0.25	10.9	4.4	1.9	43.5	0.01	0.42	18.2	0.189
330742		10.1	150	18.1	17.6	<0.001	0.02	0.57	1.7	0.3	1.5	6.5	<0.01	0.04	3.5	0.013
330743		26.7	340	17.6	18.2	<0.001	0.03	0.55	8.3	0.6	1.0	9.2	0.01	0.03	8.8	0.019
330744		16.4	250	29.3	11.9	<0.001	0.01	0.45	3.1	0.2	0.5	9.8	<0.01	0.04	5.0	0.008
330745		19.1	360	19.7	14.0	<0.001	0.03	0.63	4.7	0.6	0.3	9.0	0.01	0.04	4.8	0.006
330746		15.1	590	19.8	8.9	<0.001	0.08	0.62	2.3	0.8	0.2	14.9	0.01	0.04	1.4	0.008
330747		17.8	190	38.9	12.8	<0.001	0.01	0.62	2.9	0.2	0.5	7.5	<0.01	0.04	5.0	0.007
330748		25.9	520	27.7	10.1	<0.001	0.04	0.74	5.4	0.9	0.3	11.6	0.01	0.05	4.9	0.010
330749		21.0	200	23.9	14.1	<0.001	0.02	0.74	3.8	0.4	0.4	6.1	<0.01	0.04	7.9	0.008
330750		22.2	430	26.1	10.2	<0.001	0.02	0.66	3.6	0.4	0.4	11.1	<0.01	0.04	4.3	0.009
330751		23.0	250	31.7	13.4	<0.001	0.02	0.81	5.5	0.6	0.4	7.7	0.01	0.05	6.1	0.008
330752		21.2	210	27.3	13.4	<0.001	0.01	0.64	3.8	0.3	0.4	7.4	<0.01	0.04	6.7	0.008
330753		19.9	530	21.8	11.6	<0.001	0.05	0.60	3.1	0.8	0.3	9.5	<0.01	0.05	2.3	0.010
330754		12.9	610	16.1	7.9	<0.001	0.07	0.46	2.5	0.8	0.2	14.2	<0.01	0.04	2.4	0.010
330755		19.5	430	14.2	10.4	<0.001	0.02	0.66	3.0	0.4	0.3	7.3	<0.01	0.03	6.4	0.008
330756		16.5	220	23.9	11.8	<0.001	0.01	0.55	3.1	0.3	0.5	9.9	<0.01	0.04	4.6	0.009
330757		30.5	560	21.9	17.7	<0.001	0.04	0.66	6.9	0.6	0.4	16.5	<0.01	0.04	3.4	0.030
330758		22.0	530	17.3	14.5	<0.001	0.05	0.89	2.8	0.9	0.3	13.3	<0.01	0.05	2.5	0.007
330759		19.7	180	17.8	12.4	<0.001	0.01	0.53	3.3	0.4	0.3	7.2	<0.01	0.03	7.7	0.010
330760		16.6	410	19.2	8.9	<0.001	0.04	0.55	2.9	0.8	0.2	11.1	<0.01	0.03	3.9	0.010
330761		17.1	370	19.8	9.3	<0.001	0.04	0.57	3.0	0.7	0.3	10.3	<0.01	0.03	4.3	0.010
330762		16.3	610	22.8	7.5	<0.001	0.06	0.57	2.4	0.7	0.3	16.0	<0.01	0.05	1.6	0.009
330763		9.2	270	21.2	11.7	<0.001	0.02	0.31	2.2	0.3	0.4	9.3	<0.01	0.03	2.8	0.007
330764		19.8	200	30.4	13.0	<0.001	0.02	0.50	5.0	0.4	0.6	7.8	<0.01	0.03	5.6	0.010

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
330725		0.09	2.12	22	0.15	16.10	107	1.0
330726		0.13	1.29	44	0.24	20.90	95	0.7
330727		0.15	0.63	45	0.17	3.12	84	2.1
330728		0.18	1.49	32	0.09	13.65	44	0.6
330729		0.09	1.18	62	0.54	4.88	42	0.5
330730		0.07	1.95	100	0.41	12.30	37	0.5
330731		0.16	1.31	33	0.21	33.40	72	1.2
330732		0.13	0.63	32	0.12	14.65	89	2.5
330733		0.15	0.61	50	0.14	4.03	83	1.9
330734		0.14	0.64	42	0.14	4.23	87	1.5
330735		0.11	0.69	30	0.13	9.64	81	2.0
330736		0.09	0.85	25	0.11	12.30	87	1.6
330737		0.10	4.74	22	0.08	8.20	119	1.2
330738		0.10	2.38	28	0.11	11.20	88	1.3
330739		0.10	0.48	36	0.11	2.41	64	1.0
330740		0.44	5.44	107	0.23	20.70	15	<0.5
330741		0.45	5.28	108	0.20	21.70	16	<0.5
330742		0.10	0.55	44	0.14	1.79	35	0.8
330743		0.14	1.74	51	0.32	18.65	72	1.0
330744		0.13	0.80	44	0.12	4.70	74	1.9
330745		0.11	1.70	27	0.13	14.25	61	1.4
330746		0.08	0.74	25	0.08	5.80	120	1.1
330747		0.14	0.54	43	0.15	3.16	96	1.7
330748		0.10	0.72	34	0.12	14.65	130	2.4
330749		0.14	0.70	26	0.18	7.05	71	1.9
330750		0.10	0.76	36	0.12	7.26	97	1.6
330751		0.12	0.58	39	0.15	14.40	80	2.2
330752		0.13	0.75	35	0.12	7.14	96	1.8
330753		0.11	1.31	26	0.09	12.30	78	1.2
330754		0.08	0.96	23	0.10	7.32	95	1.4
330755		0.09	0.51	18	0.10	7.52	63	1.7
330756		0.12	0.66	41	0.12	3.71	90	1.5
330757		0.11	1.80	73	0.14	8.91	95	0.9
330758		0.10	1.45	25	0.10	10.60	56	1.2
330759		0.10	0.49	24	0.17	7.14	63	1.5
330760		0.08	1.17	23	0.09	8.04	91	1.3
330761		0.09	1.11	24	0.09	7.56	90	1.2
330762		0.08	1.09	29	0.09	6.37	128	1.2
330763		0.09	0.57	31	0.08	3.74	43	0.7
330764		0.11	0.69	48	0.14	7.94	73	1.7

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
330765		0.58	<0.005	0.10	1.36	7.7	<10	300	1.03	0.27	1.24	0.14	48.30	12.2	20	1.12
330766		0.70	<0.005	0.06	1.40	10.1	<10	170	0.70	0.36	0.31	0.23	38.00	10.9	17	0.81
330767		0.50	<0.005	0.08	1.57	9.1	<10	200	0.73	0.40	0.41	0.55	32.00	13.0	19	1.11
330768		0.68	<0.005	0.07	1.36	11.6	<10	210	0.80	0.40	0.65	0.24	33.80	14.6	17	0.78
330769		0.50	<0.005	0.15	1.11	8.4	<10	200	0.74	0.33	1.71	0.40	24.00	10.6	12	0.85
330770		0.64	<0.005	0.16	1.24	10.3	<10	210	0.86	0.40	0.74	0.32	34.00	12.0	14	0.69
330771		0.54	<0.005	0.03	1.83	10.1	<10	190	0.77	0.33	0.26	0.17	29.90	11.3	20	0.96
330772		0.58	<0.005	0.10	1.35	10.5	<10	230	0.88	0.42	1.01	0.22	39.80	13.1	15	0.79
330773		0.44	<0.005	0.05	1.04	9.0	<10	130	0.41	0.38	1.49	0.23	24.10	11.3	12	0.68
330774		0.56	<0.005	0.03	2.10	9.6	<10	420	0.86	0.35	0.32	0.31	29.50	13.5	21	1.52
330775		0.58	<0.005	0.11	1.59	7.3	<10	120	0.60	0.40	0.43	0.13	48.60	17.2	35	1.67
330776		0.62	<0.005	0.14	1.38	7.2	<10	110	0.63	0.41	0.61	0.11	46.70	15.4	26	1.47
330777		0.52	0.008	0.09	1.37	7.0	<10	130	0.47	0.34	0.65	0.13	40.30	13.0	21	1.20
330778		0.48	0.006	0.11	1.41	6.8	<10	110	0.63	0.32	1.39	0.09	39.60	15.0	25	1.24
330779		0.44	0.017	0.11	1.32	6.1	<10	100	0.56	0.31	1.22	0.08	35.10	13.6	22	1.35
330780		0.10	NSS	1.44	4.41	34	20	470	0.74	0.05	13.35	0.03	21.10	40.9	56	1.95
330781		0.50	0.035	0.04	1.28	5.7	<10	90	0.53	0.30	0.76	0.06	41.70	13.8	26	1.40
330782		0.52	<0.005	0.05	1.13	2.0	<10	60	0.55	0.42	0.82	0.05	64.90	14.5	17	0.94
330783		0.46	NSS	0.02	0.21	<2	<10	50	0.09	0.04	>25.0	0.10	10.20	2.9	3	0.26
330784		0.50	<0.005	0.06	1.75	10.6	<10	310	1.17	0.51	0.68	0.35	48.60	15.5	18	2.44
330785		0.48	<0.005	0.10	1.93	10.3	10	340	0.99	0.40	0.84	0.88	32.90	13.4	20	1.35
330786		0.44	<0.005	0.08	1.51	11.1	10	290	1.07	0.39	1.27	0.66	37.50	13.4	16	1.30
330787		0.52	<0.005	0.07	1.61	12.8	<10	180	1.09	0.39	0.68	0.43	36.30	15.5	19	1.20
330788		0.60	<0.005	0.13	1.57	31.2	<10	200	1.07	0.82	0.80	0.52	63.70	23.3	17	1.12
330789		0.48	<0.005	0.16	1.25	25.4	<10	150	0.67	0.39	1.31	0.56	27.60	15.5	15	0.84
330790		0.64	<0.005	0.05	1.35	12.1	<10	160	0.77	0.34	0.60	0.17	28.40	11.9	16	0.60
330791		0.52	<0.005	0.02	1.49	11.4	<10	190	0.78	0.33	0.31	0.28	33.60	13.3	18	0.68
330792		0.54	<0.005	0.13	1.43	13.1	<10	270	0.81	0.44	0.81	0.88	35.60	14.5	16	0.75
330793		0.56	0.007	0.03	2.74	28.7	<10	80	0.77	0.94	0.31	0.17	26.10	31.3	68	2.50
330794		0.44	<0.005	0.11	3.28	4.1	<10	40	0.35	0.13	0.33	0.36	8.68	28.3	97	3.33
330795		0.68	<0.005	0.09	0.74	8.0	<10	70	0.41	0.44	3.85	0.09	38.90	11.5	12	0.80
330796		0.54	<0.005	0.05	1.53	9.8	<10	140	0.90	0.45	0.28	0.09	61.30	18.1	32	1.50
330797		0.48	<0.005	0.03	1.46	8.5	<10	200	0.47	0.36	0.43	0.10	27.60	9.3	17	1.13
330798		0.50	<0.005	0.03	1.34	11.1	<10	130	0.53	0.49	0.21	0.20	29.10	9.6	17	1.50
330799		0.58	<0.005	0.09	1.02	9.3	<10	80	0.54	0.52	0.12	0.06	37.60	9.7	14	0.96
330800		0.72	<0.005	0.11	1.42	10.1	<10	150	0.48	0.38	0.43	0.11	32.50	10.3	20	1.64
331201		0.72	<0.005	0.09	1.51	9.1	<10	150	0.44	0.36	0.42	0.08	33.40	9.9	20	1.63
331202		0.52	<0.005	0.03	1.33	8.3	<10	80	0.37	0.43	0.16	0.07	28.20	5.8	17	2.06
331203		0.54	0.028	0.02	1.18	7.4	<10	150	0.23	0.37	0.19	0.11	23.80	4.9	14	1.03
331204		0.60	0.015	0.08	1.26	7.6	<10	90	0.53	0.56	0.54	0.08	57.90	13.7	19	2.45

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 4-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
330765		44.8	2.90	4.23	0.09	0.05	0.04	0.021	0.08	24.4	25.9	0.80	1140	1.02	0.01	0.25
330766		13.9	2.99	4.35	0.06	0.05	0.03	0.031	0.07	16.2	17.9	0.44	680	1.05	0.01	0.40
330767		24.9	3.23	5.59	0.07	0.04	0.02	0.029	0.06	14.9	17.5	0.44	759	1.13	0.01	0.44
330768		28.8	3.17	4.13	0.06	0.06	0.03	0.030	0.07	14.3	19.5	0.51	715	1.04	0.01	0.41
330769		47.1	2.29	3.42	0.05	0.05	0.07	0.021	0.08	12.3	13.4	0.48	624	1.04	0.01	0.32
330770		21.8	2.91	3.61	0.07	0.05	0.05	0.034	0.06	16.7	15.3	0.44	1100	0.99	0.01	0.28
330771		12.3	3.25	5.36	0.06	0.05	0.03	0.029	0.05	13.3	21.2	0.45	473	1.08	0.01	0.42
330772		35.6	2.77	3.98	0.07	0.07	0.06	0.029	0.13	19.5	17.2	0.78	939	0.78	0.01	0.30
330773		27.7	2.17	3.47	0.05	0.04	0.05	0.023	0.05	11.1	16.0	0.38	424	0.72	0.01	0.39
330774		15.4	3.30	6.18	0.05	0.05	0.02	0.034	0.05	12.4	21.4	0.43	795	1.32	0.01	0.45
330775		88.7	3.13	5.69	0.08	0.03	0.04	0.021	0.16	24.2	19.9	0.84	622	0.45	0.02	0.49
330776		58.5	2.79	4.75	0.08	0.03	0.03	0.023	0.15	22.6	17.9	0.74	553	0.42	0.02	0.42
330777		51.0	2.84	4.05	0.06	0.02	0.03	0.015	0.17	19.7	13.9	0.71	1885	0.44	0.02	0.34
330778		95.3	2.62	4.67	0.07	0.03	0.03	0.018	0.14	19.9	16.4	0.73	762	0.57	0.02	0.43
330779		80.1	2.44	4.82	0.07	0.03	0.04	0.018	0.15	17.3	15.5	0.73	713	0.48	0.02	0.40
330780		2870.0	12.20	13.65	0.37	0.08	0.01	0.491	0.41	13.7	25.3	2.26	2890	5.62	0.11	0.15
330781		69.1	2.57	4.69	0.07	0.03	0.04	0.016	0.12	20.5	16.2	0.63	523	0.47	0.02	0.44
330782		62.0	1.90	3.99	0.09	0.02	0.03	0.011	0.06	31.7	24.8	0.70	405	0.29	0.01	0.28
330783		13.4	0.32	0.65	<0.05	<0.02	0.02	<0.005	0.02	4.9	4.4	0.21	192	0.22	0.02	0.07
330784		22.9	3.55	5.18	0.08	0.08	0.03	0.044	0.09	22.3	21.1	0.49	2460	1.31	0.01	0.30
330785		17.2	3.24	5.70	0.05	0.06	0.04	0.040	0.08	14.4	21.2	0.44	1025	1.27	0.01	0.44
330786		39.8	3.12	4.38	0.07	0.07	0.05	0.032	0.08	19.8	18.6	0.54	1000	1.18	0.01	0.34
330787		71.9	3.42	4.83	0.07	0.07	0.03	0.033	0.06	18.4	20.5	0.50	863	1.55	0.01	0.39
330788		83.6	3.63	4.89	0.10	0.06	0.05	0.044	0.08	29.7	22.9	0.55	1430	1.60	0.01	0.52
330789		33.4	3.07	3.71	0.06	0.05	0.04	0.029	0.06	14.4	16.3	0.48	1245	1.43	0.01	0.37
330790		17.6	3.18	4.02	0.06	0.06	0.04	0.028	0.06	13.2	18.1	0.48	645	1.13	0.01	0.33
330791		15.0	3.34	4.65	0.07	0.07	0.03	0.031	0.06	15.1	20.8	0.49	662	1.13	0.01	0.40
330792		21.9	3.18	4.51	0.07	0.05	0.05	0.036	0.07	16.8	17.0	0.43	2680	1.11	0.01	0.31
330793		205.0	5.53	8.67	0.07	0.05	0.03	0.040	0.07	11.1	31.3	0.99	554	1.53	0.04	0.76
330794		20.2	5.67	11.35	0.07	0.02	0.06	0.019	0.08	4.2	21.9	1.07	208	0.72	0.13	0.69
330795		52.7	2.18	2.44	0.07	0.08	0.03	0.020	0.10	19.3	9.4	2.20	825	1.31	0.01	0.25
330796		63.1	3.40	5.74	0.10	0.05	0.03	0.034	0.10	28.4	19.0	0.82	1080	0.79	0.02	0.39
330797		13.0	2.89	5.15	0.05	0.03	0.02	0.023	0.06	13.4	21.8	0.40	414	1.09	0.01	0.65
330798		15.6	3.35	5.67	0.06	0.02	0.02	0.032	0.06	14.0	16.9	0.31	393	1.35	0.01	0.81
330799		20.7	2.68	3.35	0.06	0.02	0.02	0.023	0.04	17.8	13.9	0.31	460	1.00	<0.01	0.46
330800		17.6	3.02	4.66	0.07	0.04	0.02	0.030	0.07	15.4	16.5	0.44	819	1.18	0.01	0.55
331201		16.1	3.06	4.74	0.07	0.04	0.02	0.028	0.07	15.6	16.3	0.47	728	1.11	0.01	0.56
331202		10.1	2.98	5.32	0.06	0.02	0.01	0.024	0.08	15.0	16.6	0.32	253	1.08	0.01	1.07
331203		7.9	2.91	5.21	0.06	<0.02	0.01	0.018	0.05	12.1	13.0	0.25	186	1.12	0.01	0.90
331204		37.1	2.84	4.30	0.11	0.04	0.03	0.020	0.08	28.8	18.8	0.64	896	0.51	0.01	0.91

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
330765		26.4	470	17.1	10.3	<0.001	0.04	0.56	3.6	0.7	0.3	13.1	<0.01	0.03	5.1	0.009
330766		17.3	150	23.9	10.2	<0.001	0.01	0.41	2.8	0.3	0.4	7.2	<0.01	0.02	6.1	0.008
330767		16.4	330	33.4	10.3	<0.001	0.02	0.48	3.5	0.3	0.6	8.4	<0.01	0.04	3.7	0.008
330768		20.0	310	28.8	9.8	<0.001	0.03	0.59	3.5	0.5	0.4	11.1	<0.01	0.05	4.7	0.008
330769		16.9	640	22.1	11.0	<0.001	0.07	0.72	2.6	0.8	0.3	18.6	<0.01	0.05	2.3	0.006
330770		18.8	430	30.9	10.3	<0.001	0.03	0.60	3.4	0.6	0.3	11.2	<0.01	0.04	2.9	0.006
330771		18.4	170	30.8	9.3	<0.001	0.01	0.40	3.2	0.3	0.5	8.6	<0.01	0.03	4.8	0.006
330772		22.5	290	20.4	11.6	<0.001	0.02	0.60	3.5	0.6	0.3	8.1	<0.01	0.03	7.0	0.008
330773		13.2	420	21.6	9.4	<0.001	0.06	0.44	2.4	0.6	0.3	26.0	<0.01	0.08	2.9	0.005
330774		17.8	180	36.2	10.6	<0.001	0.02	0.42	3.5	0.3	0.7	10.7	<0.01	0.03	4.5	0.005
330775		27.3	420	12.3	21.9	<0.001	0.03	0.39	4.1	0.5	0.3	9.7	<0.01	0.03	9.0	0.052
330776		23.3	340	10.9	19.5	<0.001	0.04	0.37	3.2	0.4	0.3	9.8	<0.01	0.03	7.1	0.038
330777		19.1	350	9.4	17.4	<0.001	0.04	0.34	2.6	0.4	0.3	9.3	<0.01	0.02	6.4	0.030
330778		22.3	400	11.4	15.1	<0.001	0.07	0.41	3.0	0.5	0.3	20.8	<0.01	0.03	4.8	0.036
330779		22.3	470	9.2	19.6	<0.001	0.06	0.36	2.9	0.5	0.5	19.4	<0.01	0.03	4.1	0.034
330780		31.8	1610	4.5	17.9	0.001	0.20	3.45	9.4	0.4	0.9	295.0	0.02	0.02	3.2	0.182
330781		21.4	300	8.9	15.1	<0.001	0.04	0.31	3.4	0.5	0.3	17.0	<0.01	0.02	5.6	0.038
330782		24.0	430	7.9	10.6	<0.001	0.06	0.19	2.5	0.6	0.2	22.3	<0.01	0.03	8.2	0.020
330783		3.5	280	1.7	3.7	<0.001	0.12	0.08	0.6	1.1	<0.2	154.0	<0.01	0.03	1.2	<0.005
330784		26.3	540	41.9	20.1	<0.001	0.04	0.71	4.4	0.7	0.5	21.1	<0.01	0.10	4.3	0.006
330785		21.8	340	35.9	12.2	<0.001	0.04	0.60	3.9	0.4	0.6	20.6	<0.01	0.06	3.6	0.006
330786		25.0	610	32.7	10.4	<0.001	0.05	0.72	2.8	0.8	0.4	25.3	<0.01	0.04	2.4	0.007
330787		27.3	280	34.7	10.8	<0.001	0.02	0.59	4.2	0.6	0.5	17.4	<0.01	0.03	3.8	0.007
330788		36.8	410	39.7	11.5	<0.001	0.04	0.88	3.7	0.8	0.4	15.2	<0.01	0.05	6.1	0.007
330789		24.0	600	30.3	8.7	<0.001	0.06	0.67	2.6	0.9	0.3	23.6	<0.01	0.05	1.9	0.007
330790		19.9	360	30.2	7.3	<0.001	0.03	0.55	3.3	0.5	0.3	11.9	<0.01	0.03	3.2	0.007
330791		23.0	150	30.2	10.1	<0.001	0.01	0.53	3.8	0.4	0.4	8.9	<0.01	0.03	5.8	0.007
330792		24.3	650	32.1	10.0	<0.001	0.03	0.52	3.4	0.6	0.4	21.5	<0.01	0.05	2.8	0.005
330793		54.3	200	21.8	26.7	<0.001	0.02	0.50	4.9	0.4	0.6	10.0	<0.01	0.04	4.1	0.095
330794		43.9	440	11.7	13.1	<0.001	0.04	0.32	4.3	0.5	0.4	15.6	<0.01	0.05	1.0	0.214
330795		16.4	460	11.2	10.2	<0.001	0.01	0.54	2.5	0.3	0.2	19.9	<0.01	0.03	8.5	0.026
330796		33.4	270	14.8	14.7	<0.001	0.01	0.53	5.7	0.5	0.4	9.1	<0.01	0.03	9.6	0.044
330797		13.7	270	22.4	14.7	<0.001	0.02	0.35	2.4	0.3	0.5	10.6	<0.01	0.03	4.1	0.013
330798		13.9	320	21.4	15.8	<0.001	0.02	0.44	2.2	0.2	0.6	6.7	<0.01	0.04	5.2	0.018
330799		14.8	330	15.3	10.2	<0.001	0.01	0.41	1.7	0.2	0.3	5.3	<0.01	0.03	8.2	0.010
330800		15.5	450	24.5	25.2	<0.001	0.02	0.42	2.6	0.5	0.4	10.5	<0.01	0.03	4.1	0.015
331201		14.8	410	23.4	25.9	<0.001	0.02	0.37	2.6	0.5	0.4	10.1	<0.01	0.03	4.5	0.016
331202		10.8	260	20.8	21.5	<0.001	0.01	0.42	1.7	0.3	0.5	6.6	<0.01	0.03	4.8	0.019
331203		9.0	220	13.5	11.5	<0.001	0.01	0.39	1.6	0.3	0.5	6.9	<0.01	0.03	3.4	0.017
331204		22.6	480	12.0	18.6	<0.001	0.03	0.37	2.9	0.8	0.3	10.4	<0.01	0.03	8.9	0.038

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 4-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
330765		0.05	1.17	29	0.15	9.87	55	1.3
330766		0.09	0.69	32	0.14	3.47	75	1.8
330767		0.11	0.64	45	0.14	3.40	128	1.2
330768		0.08	0.85	31	0.12	5.81	82	1.4
330769		0.06	1.23	24	0.09	7.22	83	1.5
330770		0.08	1.43	27	0.11	10.30	72	1.1
330771		0.12	0.63	42	0.16	3.22	94	1.7
330772		0.07	0.48	22	0.14	8.34	71	2.1
330773		0.06	0.96	26	0.08	5.10	200	1.4
330774		0.15	0.61	48	0.13	2.83	146	2.0
330775		0.10	1.45	42	0.12	8.97	54	1.1
330776		0.09	1.53	31	0.10	7.42	46	0.9
330777		0.08	0.89	26	0.08	6.29	53	0.8
330778		0.07	1.54	33	0.22	8.14	48	0.8
330779		0.07	1.30	30	0.09	5.93	43	0.8
330780		0.10	4.92	121	9.91	18.65	139	4.8
330781		0.06	1.23	34	0.10	6.57	40	0.8
330782		0.05	2.55	17	0.05	8.99	69	0.5
330783		<0.02	1.81	2	<0.05	1.79	27	<0.5
330784		0.15	0.94	41	0.09	16.05	123	1.6
330785		0.12	0.61	49	0.11	6.49	148	1.7
330786		0.10	0.61	35	0.12	11.65	136	1.5
330787		0.12	0.64	40	0.10	11.45	147	1.6
330788		0.20	0.95	34	0.12	17.10	172	1.4
330789		0.08	2.24	30	0.09	13.50	180	1.1
330790		0.07	0.68	33	0.13	7.48	87	1.5
330791		0.08	0.63	35	0.10	5.64	86	2.4
330792		0.07	0.80	32	0.10	10.10	255	1.2
330793		0.12	0.57	87	0.25	4.11	54	1.6
330794		0.04	0.34	128	0.39	2.80	36	0.7
330795		0.05	0.88	19	0.10	6.71	38	2.9
330796		0.09	1.35	45	0.13	12.75	48	1.5
330797		0.11	0.58	38	0.14	2.68	57	1.0
330798		0.14	0.62	46	0.13	2.64	53	0.7
330799		0.07	0.85	23	0.10	3.16	36	1.0
330800		0.13	1.36	36	0.13	5.01	63	0.8
331201		0.13	1.26	38	0.11	4.71	64	0.8
331202		0.17	0.57	41	0.15	2.63	57	0.6
331203		0.15	0.40	42	0.13	1.83	41	<0.5
331204		0.22	1.17	22	0.09	11.30	61	0.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 4-NOV-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
331205		0.54	NSS	0.16	1.42	7.1	10	460	1.41	0.29	2.55	0.28	132.50	9.4	14	2.42
331206		0.66	<0.005	0.01	0.71	4.6	<10	110	0.18	0.37	0.28	0.12	38.80	4.7	9	0.76
331207		0.52	0.012	0.07	0.82	12.1	<10	130	0.47	1.00	0.26	0.14	61.60	15.0	13	0.94
331208		0.56	<0.005	0.05	1.39	9.6	<10	150	0.49	0.37	0.22	0.10	26.80	7.8	16	1.15
331209		0.70	<0.005	0.04	1.25	10.4	<10	150	0.61	0.42	0.16	0.11	47.80	11.0	15	0.81
331210		0.70	<0.005	0.09	1.40	13.1	<10	200	0.72	0.43	0.35	0.17	42.50	12.7	17	0.98
331211		0.62	<0.005	0.05	0.81	2.6	<10	180	0.20	0.29	0.57	0.08	27.30	3.7	8	0.89
331212		0.56	<0.005	0.04	1.18	11.0	<10	210	0.30	0.34	1.16	0.17	20.10	8.1	18	0.95
331213		0.64	<0.005	0.05	1.44	27.6	<10	100	0.61	0.55	0.13	0.20	46.60	13.2	17	1.30
331214		0.68	<0.005	0.13	1.20	36.0	<10	140	0.52	0.60	0.27	0.19	40.00	11.9	15	1.07
331215		0.68	<0.005	0.13	1.30	12.6	<10	200	0.65	0.49	0.57	0.14	42.20	11.8	17	1.20
331216		0.56	0.008	0.09	1.14	15.6	<10	150	0.52	0.42	1.03	0.16	42.20	10.6	13	0.93
331217		0.68	<0.005	0.05	1.23	10.5	<10	130	0.49	0.39	0.85	0.23	26.90	11.1	16	1.07
331218		0.50	<0.005	0.17	1.07	6.8	<10	220	0.69	0.37	1.64	0.33	21.70	12.2	12	1.06
331219		0.58	<0.005	0.02	1.06	9.0	<10	100	0.51	0.57	0.10	0.04	50.10	10.2	13	1.17
331220		0.74	<0.005	0.01	0.98	6.4	<10	100	0.22	0.45	0.19	0.04	41.80	5.3	11	0.96
331221		0.66	<0.005	0.01	0.99	6.2	<10	80	0.19	0.45	0.18	0.04	43.50	4.9	11	0.98
331222		0.62	<0.005	0.04	0.99	9.2	<10	100	0.29	0.37	0.08	0.10	33.70	7.1	13	1.10
331223		0.68	<0.005	0.15	1.35	17.5	<10	160	0.93	0.49	0.47	0.15	38.00	12.5	17	1.02
331224		0.74	<0.005	0.03	1.05	15.5	<10	110	0.29	0.43	0.19	0.06	26.80	5.8	14	1.20

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 4-NOV-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
331205		35.7	2.05	6.05	0.26	0.13	0.11	0.033	0.09	106.0	20.4	0.85	1970	0.88	0.02	0.23
331206		6.4	2.04	3.17	0.07	0.02	0.01	0.013	0.06	19.2	7.1	0.18	288	1.01	0.01	0.50
331207		46.1	3.02	2.69	0.12	0.05	0.02	0.021	0.05	30.5	10.7	0.31	995	1.14	0.01	0.60
331208		12.8	2.97	4.82	0.06	0.04	0.02	0.033	0.04	12.1	13.8	0.24	271	1.15	0.01	0.48
331209		27.0	2.72	3.51	0.09	0.07	0.04	0.030	0.10	23.6	13.1	0.48	630	0.69	0.01	0.24
331210		28.8	3.23	4.01	0.09	0.07	0.05	0.035	0.10	21.6	13.9	0.50	1100	0.85	0.01	0.35
331211		7.3	1.33	3.59	0.05	0.02	0.02	0.013	0.06	13.7	7.8	0.17	261	0.60	0.01	0.39
331212		17.1	2.81	3.82	0.05	0.03	0.04	0.027	0.06	9.6	16.0	0.35	519	1.05	0.01	0.46
331213		61.0	3.45	3.97	0.09	0.06	0.02	0.044	0.10	22.1	14.2	0.51	742	0.78	0.01	0.33
331214		53.8	3.08	3.58	0.08	0.06	0.04	0.040	0.09	19.5	12.4	0.49	883	0.75	0.01	0.30
331215		58.1	2.53	3.99	0.09	0.07	0.07	0.035	0.10	21.6	13.9	0.55	467	0.44	0.01	0.32
331216		39.6	2.71	3.26	0.09	0.06	0.04	0.029	0.12	21.2	11.0	0.94	840	0.66	0.01	0.26
331217		45.0	2.82	3.90	0.06	0.03	0.02	0.027	0.06	12.5	17.7	0.33	741	1.72	0.01	0.43
331218		83.9	2.12	3.18	0.06	0.04	0.11	0.030	0.04	11.0	7.1	0.29	1600	1.32	0.01	0.34
331219		26.3	2.63	3.16	0.08	0.03	0.02	0.025	0.05	23.5	12.0	0.27	455	0.92	0.01	0.52
331220		10.1	2.43	4.11	0.08	0.02	0.02	0.016	0.06	20.5	10.3	0.16	235	1.24	0.01	0.64
331221		9.1	2.37	4.16	0.07	0.02	0.01	0.018	0.06	21.7	9.3	0.15	194	1.24	0.01	0.55
331222		15.5	2.70	4.37	0.09	0.04	0.01	0.020	0.04	16.5	16.0	0.20	284	1.26	<0.01	0.67
331223		45.4	2.96	3.76	0.10	0.07	0.10	0.035	0.08	19.2	15.2	0.49	999	0.80	<0.01	0.33
331224		11.8	3.35	5.74	0.08	0.02	0.01	0.019	0.04	13.4	16.3	0.22	258	1.32	<0.01	0.85

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 4-NOV-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104453

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
331205		24.7	1120	12.2	22.3	<0.001	0.13	0.58	4.1	3.0	0.3	21.7	0.02	0.05	2.9	0.006
331206		6.8	180	10.1	11.6	<0.001	0.01	0.26	1.0	0.3	0.3	4.4	<0.01	0.02	5.6	0.009
331207		18.6	480	11.8	7.9	<0.001	0.02	0.55	1.7	0.6	0.2	6.4	<0.01	0.04	12.0	0.012
331208		12.6	210	22.4	10.3	<0.001	0.01	0.50	2.1	0.4	0.5	6.2	<0.01	0.03	4.2	0.008
331209		18.4	180	14.5	10.9	<0.001	0.01	0.60	2.7	0.5	0.3	4.5	<0.01	0.02	9.0	0.007
331210		21.7	320	21.0	12.1	<0.001	0.02	0.64	3.9	0.7	0.3	7.6	<0.01	0.04	6.5	0.011
331211		5.0	350	11.5	16.3	<0.001	0.03	0.18	1.1	0.4	0.4	9.2	<0.01	0.02	2.8	0.008
331212		13.0	570	20.0	21.2	<0.001	0.06	0.40	2.0	0.7	0.4	12.5	<0.01	0.03	1.3	0.011
331213		22.9	140	15.8	13.4	<0.001	0.01	0.79	3.0	0.5	0.3	3.7	<0.01	0.03	8.1	0.011
331214		20.3	320	14.7	11.9	<0.001	0.02	0.75	3.4	0.6	0.3	5.1	<0.01	0.04	6.2	0.011
331215		23.9	420	17.0	13.4	<0.001	0.03	0.63	4.1	1.0	0.3	8.7	<0.01	0.04	7.3	0.009
331216		19.5	400	13.7	11.2	<0.001	0.02	0.68	3.1	0.6	0.3	7.1	<0.01	0.03	6.8	0.012
331217		12.7	540	21.7	15.0	<0.001	0.04	0.30	1.9	0.5	0.4	12.4	<0.01	0.03	2.1	0.010
331218		13.0	750	24.5	11.1	<0.001	0.09	0.56	1.9	1.5	0.3	23.6	<0.01	0.05	0.9	0.009
331219		14.2	270	9.6	11.5	<0.001	0.01	0.34	1.5	0.4	0.2	4.1	<0.01	0.03	10.5	0.008
331220		7.8	140	10.4	13.4	<0.001	0.01	0.37	1.3	0.3	0.4	5.4	<0.01	0.03	6.7	0.007
331221		7.0	130	10.4	12.7	<0.001	0.01	0.36	1.3	0.2	0.4	5.3	<0.01	0.03	6.6	0.008
331222		10.2	150	15.2	13.9	<0.001	<0.01	0.44	1.5	0.3	0.4	4.7	<0.01	0.03	5.3	0.011
331223		21.3	460	21.7	11.0	<0.001	0.02	0.61	3.5	0.9	0.3	7.7	<0.01	0.04	4.3	0.009
331224		8.8	170	14.4	13.6	<0.001	<0.01	0.43	1.5	0.2	0.5	6.4	<0.01	0.05	3.6	0.014

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
331205		0.10	4.95	19	0.14	57.50	73	1.0
331206		0.07	0.52	20	0.11	2.41	32	0.6
331207		0.06	3.27	16	0.14	7.29	50	1.2
331208		0.13	0.61	38	0.13	2.87	56	1.0
331209		0.10	0.66	18	0.10	6.88	52	1.7
331210		0.11	1.05	25	0.15	10.75	74	1.3
331211		0.11	0.89	24	0.12	2.59	22	0.6
331212		0.08	0.72	31	0.13	2.78	150	0.6
331213		0.13	0.58	28	0.18	5.44	112	1.7
331214		0.12	0.59	23	0.16	7.52	102	1.2
331215		0.12	1.76	24	0.15	10.85	76	1.6
331216		0.10	0.55	19	0.15	7.46	78	1.4
331217		0.07	1.01	31	0.08	3.45	69	0.7
331218		0.10	12.40	23	0.11	8.14	45	0.8
331219		0.08	1.32	18	0.12	3.18	30	1.0
331220		0.10	0.55	26	0.15	2.42	26	0.7
331221		0.11	0.49	27	0.14	2.13	26	0.8
331222		0.08	0.47	33	0.14	1.98	47	1.3
331223		0.09	1.30	26	0.13	10.90	63	1.3
331224		0.11	0.40	47	0.16	1.66	46	0.6

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P.O. No.: FRG06-01

This report is for 140 Soil samples submitted to our lab in Vancouver, BC, Canada on 20-SEP-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

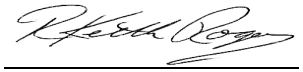
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
Keith Rogers, Executive Manager Vancouver Laboratory

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 31-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104452

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
330846	0.62	0.005	0.12	1.43	8.6	<10	200	0.85	0.37	0.34	0.13	45.20	12.0	19	1.19
330847	0.54	<0.005	0.20	1.21	8.2	<10	270	0.82	0.32	1.15	0.88	29.20	7.9	16	1.00
330848	0.62	0.006	0.04	1.40	11.6	<10	130	0.66	0.37	0.14	0.10	35.70	11.2	19	1.14
330849	0.48	NSS	0.13	0.58	7.1	10	320	0.46	0.18	3.58	0.33	9.28	5.6	7	0.54
330850	0.50	<0.005	0.02	1.62	9.7	<10	150	0.53	0.33	0.21	0.14	28.50	10.2	21	0.94
330851	0.64	0.006	0.03	1.62	12.8	<10	190	0.89	0.44	0.16	0.10	51.20	11.4	19	1.10
330852	0.54	0.005	0.08	1.38	9.4	<10	150	0.78	1.18	0.63	0.08	90.20	16.4	33	1.10
330853	0.60	<0.005	0.14	1.30	18.2	<10	240	0.90	0.96	0.87	0.39	52.60	20.7	27	1.12
330854	0.62	<0.005	0.09	1.12	11.8	<10	160	0.65	0.61	4.92	0.12	42.50	13.0	13	0.95
330855	0.62	<0.005	0.14	1.34	18.6	<10	240	0.95	1.06	0.42	0.20	50.30	17.2	19	0.97
330856	0.64	<0.005	0.09	1.51	12.5	<10	140	0.89	0.41	0.39	0.10	48.80	12.9	24	1.63
330857	0.50	<0.005	0.09	1.87	8.5	<10	220	0.71	0.46	0.46	0.39	32.00	12.7	20	1.97
330858	0.50	0.005	0.01	1.41	10.6	<10	140	0.50	0.46	0.08	0.13	28.40	9.8	21	1.46
330859	0.54	0.005	0.02	1.10	9.6	<10	100	0.35	0.43	0.12	0.06	23.10	7.4	19	1.49
330860	0.54	<0.005	0.01	1.23	9.8	<10	90	0.42	0.42	0.11	0.06	26.30	10.6	21	1.63
330861	0.62	<0.005	0.02	1.19	1.3	<10	50	0.57	0.72	0.21	0.03	113.50	13.2	16	1.04
330862	0.46	<0.005	0.01	1.18	1.0	<10	30	0.47	0.71	0.24	0.01	109.00	15.6	15	0.87
330863	0.38	0.008	0.05	0.87	2.1	<10	60	0.45	0.62	2.18	0.10	73.50	14.0	11	0.76
330864	0.44	0.019	0.04	1.16	1.6	<10	50	0.51	0.82	1.32	0.06	84.10	14.0	13	0.87
330865	0.50	0.006	0.05	1.34	3.3	<10	50	0.66	0.80	0.31	0.06	106.00	20.5	18	1.34
330866	0.54	0.007	0.22	1.02	8.9	10	380	0.66	0.35	2.53	0.42	23.00	11.1	14	0.87
330867	0.56	0.006	0.12	1.08	9.3	<10	200	0.64	0.38	0.93	0.18	33.10	9.8	16	0.81
330868	0.60	<0.005	0.06	1.51	11.0	<10	140	0.82	0.41	0.15	0.14	45.00	11.0	18	1.14
330869	0.44	<0.005	0.03	1.48	11.4	<10	220	0.92	0.46	0.45	0.21	47.40	16.1	18	0.84
330870	0.58	<0.005	0.05	1.37	15.7	<10	220	0.88	0.65	0.54	0.14	52.70	13.0	16	1.01
330871	0.52	<0.005	0.10	1.28	5.8	<10	210	0.73	0.46	0.76	0.67	28.40	8.8	14	1.07
330872	0.46	0.025	0.08	0.25	2.5	10	170	0.15	0.06	4.47	0.28	3.92	2.0	4	0.35
330873	0.46	0.008	0.09	1.10	11.8	<10	170	0.66	0.46	0.89	0.25	33.60	11.0	14	0.75
330874	0.50	<0.005	0.17	1.85	8.1	<10	460	0.90	0.45	0.58	0.69	33.50	15.1	19	1.30
330875	0.58	<0.005	0.02	1.35	9.0	<10	160	0.50	0.39	0.20	0.11	36.20	9.5	16	1.27
330876	0.52	0.005	0.04	1.57	12.2	<10	140	0.74	0.39	0.31	0.18	35.10	11.4	20	1.22
330877	0.54	<0.005	0.04	1.84	10.1	<10	150	0.82	0.38	0.65	0.25	56.90	11.7	21	1.43
330878	0.38	0.022	0.13	0.91	7.9	<10	160	0.53	0.28	2.03	0.26	44.80	9.7	12	0.79
330879	0.54	<0.005	0.08	0.98	10.5	<10	180	1.00	0.63	0.42	0.35	26.40	20.4	10	1.19
330880	0.52	<0.005	0.12	1.24	9.5	<10	200	1.58	0.56	0.55	0.34	27.60	17.7	13	1.31
330881	0.44	0.010	0.06	1.62	3.8	<10	130	0.85	0.43	0.31	0.31	33.00	12.2	15	0.74
330882	0.36	<0.005	0.13	1.35	8.5	<10	180	2.02	0.51	1.56	0.53	70.40	14.9	13	0.82
330883	0.44	<0.005	0.01	2.09	12.4	<10	140	1.31	0.37	0.41	0.16	82.10	11.2	24	1.14
330884	0.44	0.006	0.09	1.21	6.8	<10	290	0.31	0.39	0.33	0.23	25.20	6.8	15	0.75
330885	0.58	<0.005	0.09	1.37	10.7	<10	410	1.20	0.67	0.56	0.15	75.00	14.5	17	1.02

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 31-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104452

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
330846		33.6	3.04	4.28	0.08	0.05	0.04	0.029	0.09	19.5	19.9	0.56	793	0.58	0.01	0.28
330847		33.6	2.25	3.26	0.07	0.07	0.12	0.031	0.05	13.5	14.2	0.35	136	0.20	0.01	0.45
330848		19.8	3.20	4.26	0.07	0.04	0.02	0.029	0.05	15.9	21.5	0.38	346	1.11	<0.01	0.54
330849		41.0	1.58	1.74	0.05	0.04	0.10	0.011	0.05	5.1	5.7	0.38	1765	0.98	0.01	0.15
330850		13.9	3.17	4.73	0.06	0.04	0.01	0.025	0.04	12.7	22.9	0.41	355	1.08	<0.01	0.44
330851		31.8	3.37	3.77	0.08	0.04	0.02	0.038	0.15	19.8	19.0	0.53	807	0.77	<0.01	0.24
330852		31.6	4.33	6.83	0.09	0.03	0.01	0.038	0.12	25.4	36.1	0.92	1915	0.59	0.01	0.22
330853		103.5	3.81	4.62	0.10	0.04	0.04	0.045	0.07	24.7	23.9	0.73	2370	1.33	0.01	0.26
330854		54.5	2.53	3.32	0.08	0.05	0.04	0.024	0.14	19.7	16.9	2.50	878	0.66	0.01	0.20
330855		78.1	3.88	4.24	0.10	0.06	0.05	0.036	0.12	23.1	24.1	0.66	1245	1.79	<0.01	0.26
330856		33.4	3.51	4.71	0.10	0.05	0.03	0.029	0.10	24.2	24.0	0.64	730	0.99	<0.01	0.69
330857		14.9	3.20	6.47	0.06	0.03	0.02	0.025	0.06	14.4	22.0	0.43	2900	1.16	<0.01	0.69
330858		13.1	4.03	4.84	0.06	0.04	0.01	0.020	0.05	13.0	25.6	0.39	424	1.10	0.01	0.66
330859		11.7	3.36	4.56	0.06	0.02	<0.01	0.016	0.06	10.4	21.4	0.42	300	1.13	<0.01	0.95
330860		14.1	3.53	4.43	0.06	0.04	0.01	0.021	0.07	11.5	25.4	0.46	356	1.09	<0.01	0.86
330861		46.1	2.26	4.00	0.14	0.02	<0.01	0.006	0.04	51.2	35.3	0.87	350	0.19	<0.01	0.22
330862		40.3	2.48	3.91	0.12	0.02	<0.01	0.005	0.04	49.4	37.7	0.90	489	0.43	<0.01	0.19
330863		57.4	1.70	2.68	0.10	0.03	0.03	0.006	0.05	36.3	22.2	0.63	1145	0.69	0.01	0.15
330864		59.5	2.15	3.50	0.11	0.03	0.01	0.006	0.05	41.9	30.1	0.85	651	0.59	0.01	0.22
330865		49.7	3.08	4.54	0.15	0.03	0.01	0.011	0.06	51.8	36.0	0.94	1635	0.71	<0.01	0.39
330866		52.5	2.38	2.76	0.06	0.05	0.10	0.028	0.06	11.6	12.2	0.59	2220	0.76	0.01	0.24
330867		38.1	2.51	3.10	0.07	0.04	0.06	0.024	0.06	14.8	14.0	0.45	717	0.55	0.01	0.35
330868		19.0	3.07	4.60	0.09	0.06	0.02	0.036	0.06	21.5	16.8	0.44	500	0.89	<0.01	0.53
330869		25.9	3.36	4.81	0.10	0.11	0.04	0.045	0.15	24.4	16.0	0.53	1290	1.14	<0.01	0.40
330870		47.2	2.90	4.32	0.09	0.07	0.03	0.037	0.16	25.9	14.7	0.71	804	0.98	<0.01	0.31
330871		25.8	2.72	4.96	0.07	0.04	0.02	0.036	0.08	14.7	13.4	0.38	978	1.04	<0.01	0.42
330872		19.5	0.50	0.56	<0.05	0.04	0.07	0.006	0.02	2.0	2.4	0.40	386	0.34	<0.01	0.11
330873		32.1	2.69	3.36	0.08	0.06	0.04	0.033	0.11	16.4	13.5	0.61	674	0.89	<0.01	0.28
330874		22.2	3.16	7.44	0.09	0.05	0.03	0.043	0.06	16.4	13.9	0.33	3000	1.45	<0.01	0.49
330875		9.4	3.15	4.98	0.08	0.05	0.02	0.033	0.06	17.6	19.8	0.32	387	1.06	<0.01	0.52
330876		12.8	3.45	5.39	0.09	0.04	0.35	0.040	0.06	16.6	20.8	0.40	533	1.20	<0.01	0.54
330877		10.8	3.24	7.34	0.10	0.05	0.03	0.045	0.05	23.1	21.4	0.52	1340	0.95	<0.01	0.44
330878		23.3	2.10	3.34	0.09	0.06	0.07	0.030	0.06	22.8	13.1	0.48	1095	0.68	<0.01	0.26
330879		18.5	3.61	3.54	0.08	0.03	0.05	0.052	0.07	10.1	10.0	0.19	2830	1.82	<0.01	0.25
330880		25.3	3.44	4.26	0.09	0.05	0.06	0.049	0.07	12.7	12.2	0.23	2470	1.55	<0.01	0.31
330881		11.0	2.29	6.72	0.07	0.03	0.02	0.028	0.07	15.2	12.1	0.23	1055	1.17	<0.01	0.45
330882		116.5	2.35	4.56	0.18	0.12	0.14	0.034	0.06	74.7	11.3	0.37	1780	1.18	<0.01	0.30
330883		15.1	3.63	6.88	0.15	0.09	0.02	0.044	0.17	46.8	25.8	0.58	388	1.08	<0.01	0.62
330884		10.6	2.24	5.52	0.05	0.03	0.04	0.016	0.06	11.9	11.5	0.19	850	1.21	0.01	0.34
330885		25.2	3.14	4.78	0.11	0.05	0.03	0.041	0.10	35.2	27.3	0.60	1270	0.71	0.01	0.34

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06104452

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
330846		22.7	370	23.4	13.6	<0.001	0.03	0.57	3.5	0.2	0.3	6.6	<0.01	0.04	5.6	0.008
330847		18.9	710	25.3	11.1	<0.001	0.08	0.71	3.6	0.8	0.3	16.8	<0.01	0.03	4.6	0.008
330848		20.4	230	26.1	11.4	<0.001	0.01	0.66	2.3	<0.2	0.4	7.1	<0.01	0.04	6.6	0.011
330849		11.0	890	12.7	4.8	<0.001	0.17	0.82	1.4	1.2	0.2	28.1	<0.01	0.05	0.8	<0.005
330850		16.3	150	25.6	8.8	<0.001	0.01	0.49	2.4	<0.2	0.5	6.7	<0.01	0.04	4.9	0.008
330851		20.4	240	18.1	13.5	<0.001	0.01	0.60	2.5	<0.2	0.3	4.2	<0.01	0.03	8.5	0.006
330852		25.4	610	10.3	18.7	<0.001	0.04	0.34	8.7	<0.2	0.6	7.9	<0.01	0.05	12.5	0.019
330853		31.8	460	17.1	11.9	<0.001	0.05	0.58	6.3	0.6	0.3	10.6	<0.01	0.06	6.0	0.018
330854		20.1	450	14.4	10.5	<0.001	0.03	0.62	3.4	<0.2	0.3	24.6	<0.01	0.04	8.8	0.010
330855		28.5	520	19.4	11.7	<0.001	0.03	0.67	4.7	0.3	0.3	8.3	<0.01	0.04	9.8	0.010
330856		26.0	310	29.0	19.6	<0.001	0.02	0.62	4.7	0.4	0.4	11.4	<0.01	0.04	7.3	0.025
330857		14.8	340	27.1	19.9	<0.001	0.03	0.50	3.3	<0.2	0.6	12.8	<0.01	0.04	5.4	0.012
330858		14.0	200	23.6	12.6	<0.001	0.02	0.48	1.8	<0.2	0.4	4.7	<0.01	0.06	6.4	0.015
330859		13.1	230	18.2	19.6	<0.001	0.03	0.47	1.6	<0.2	0.4	5.6	<0.01	0.03	5.4	0.028
330860		15.7	220	20.6	18.1	<0.001	0.03	0.46	1.8	<0.2	0.4	5.5	<0.01	0.03	6.4	0.026
330861		28.4	730	7.8	7.2	<0.001	0.02	0.11	1.5	<0.2	<0.2	11.9	<0.01	0.06	20.2	0.009
330862		28.8	540	6.2	7.0	<0.001	0.03	0.07	1.6	<0.2	<0.2	12.4	<0.01	0.04	19.6	0.008
330863		20.9	900	9.9	8.9	<0.001	0.14	0.24	1.0	0.5	<0.2	50.9	<0.01	0.05	4.8	0.005
330864		25.7	640	7.9	8.5	<0.001	0.08	0.15	1.5	0.3	<0.2	36.2	<0.01	0.06	11.2	0.006
330865		29.7	310	18.7	13.4	<0.001	0.03	0.14	2.2	0.3	<0.2	11.5	<0.01	0.05	18.3	0.014
330866		19.4	740	19.0	9.6	<0.001	0.12	0.85	2.7	1.1	0.2	18.2	<0.01	0.05	1.8	0.007
330867		18.4	520	20.2	8.8	<0.001	0.05	0.62	3.0	0.6	0.3	12.3	<0.01	0.03	4.6	0.008
330868		17.8	190	19.8	11.8	<0.001	0.01	0.39	3.3	0.5	0.4	6.1	<0.01	0.03	7.7	0.008
330869		21.8	230	23.4	17.4	<0.001	0.02	0.64	5.1	0.7	0.4	7.5	<0.01	0.04	7.3	0.009
330870		21.7	170	15.7	15.6	<0.001	0.01	0.73	3.6	0.6	0.3	6.1	<0.01	0.03	9.8	0.008
330871		13.6	450	29.0	17.5	<0.001	0.02	0.37	2.9	0.6	0.5	11.2	<0.01	0.03	2.4	0.008
330872		5.5	880	5.3	3.8	<0.001	0.22	0.49	0.6	1.8	<0.2	34.8	0.01	0.04	0.3	<0.005
330873		18.1	400	17.6	10.4	<0.001	0.04	0.64	2.7	0.8	0.3	10.3	<0.01	0.03	4.0	0.008
330874		17.2	330	42.2	11.9	<0.001	0.02	0.50	4.7	0.7	0.8	11.9	<0.01	0.04	4.1	0.009
330875		12.1	170	26.0	13.2	<0.001	0.01	0.35	2.3	0.3	0.5	7.2	<0.01	0.02	5.5	0.009
330876		17.5	230	28.2	12.7	<0.001	0.01	0.45	3.7	0.6	0.5	8.5	<0.01	0.04	5.6	0.008
330877		19.1	350	28.5	9.3	<0.001	0.02	0.43	6.3	0.8	0.6	11.8	<0.01	0.04	6.6	0.008
330878		16.5	740	17.9	10.4	<0.001	0.09	0.50	3.5	1.4	0.2	17.3	<0.01	0.04	2.0	0.008
330879		13.7	330	26.0	14.9	<0.001	0.02	0.49	3.2	0.7	0.4	8.6	<0.01	0.07	9.3	0.005
330880		17.3	500	29.8	14.8	<0.001	0.04	0.52	3.4	0.9	0.4	11.5	<0.01	0.07	5.0	0.007
330881		9.9	170	28.1	7.6	<0.001	0.01	0.34	3.1	0.3	0.8	7.7	<0.01	0.03	4.9	0.007
330882		36.4	990	25.3	9.8	<0.001	0.07	0.71	3.9	2.5	0.4	20.7	0.01	0.06	2.1	0.007
330883		25.2	240	27.4	31.8	<0.001	0.01	0.53	6.7	1.0	0.6	11.3	<0.01	0.03	10.6	0.008
330884		11.8	270	18.0	8.9	<0.001	0.03	1.11	3.1	0.2	0.6	8.3	<0.01	0.04	4.3	0.008
330885		23.4	480	16.6	15.0	<0.001	0.03	0.74	7.1	0.7	0.4	12.7	0.01	0.04	9.8	0.011

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 31-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104452

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
330846		0.08	0.93	28	0.12	7.91	56	1.4
330847		0.07	2.68	28	0.15	9.17	74	2.4
330848		0.08	0.70	34	0.14	2.94	60	2.1
330849		0.04	14.15	12	0.09	7.57	42	1.2
330850		0.09	0.54	38	0.13	2.31	57	1.7
330851		0.10	0.64	24	0.12	3.62	60	2.0
330852		0.07	1.63	43	0.14	8.47	46	0.5
330853		0.06	2.82	35	0.11	13.25	311	0.9
330854		0.07	0.80	17	0.11	7.80	56	1.6
330855		0.08	2.49	26	0.14	12.00	78	1.7
330856		0.17	1.01	36	0.10	13.25	77	1.4
330857		0.19	0.70	45	0.15	3.64	120	1.0
330858		0.09	0.61	41	0.11	2.22	73	1.6
330859		0.10	0.55	34	0.10	2.03	51	1.1
330860		0.10	0.60	34	0.14	2.15	57	1.5
330861		0.05	1.82	12	<0.05	10.65	107	0.5
330862		0.04	1.91	9	0.05	10.25	101	<0.5
330863		0.06	4.64	8	0.08	9.19	83	0.6
330864		0.06	4.93	10	<0.05	11.60	110	0.5
330865		0.11	2.39	14	0.05	13.65	108	<0.5
330866		0.07	3.69	19	0.09	11.35	75	1.4
330867		0.07	1.36	24	0.17	7.67	66	1.2
330868		0.11	0.75	32	0.12	6.90	47	1.7
330869		0.12	0.75	31	0.13	10.65	62	2.4
330870		0.11	0.69	21	0.16	7.54	61	2.2
330871		0.10	0.66	38	0.10	4.96	140	0.8
330872		0.03	3.42	5	0.05	1.82	65	1.4
330873		0.08	0.72	19	0.12	6.73	76	1.4
330874		0.16	0.88	58	0.14	7.37	107	1.3
330875		0.13	0.60	38	0.12	2.76	56	1.5
330876		0.13	0.89	41	0.14	6.96	90	1.2
330877		0.15	1.25	46	0.12	13.60	75	1.0
330878		0.08	1.36	20	0.09	14.35	93	1.1
330879		0.11	0.94	27	0.07	4.70	54	0.8
330880		0.09	1.12	30	0.10	9.66	53	0.9
330881		0.11	0.49	50	0.12	2.85	46	1.1
330882		0.07	2.69	27	0.12	41.00	48	1.6
330883		0.14	0.99	46	0.16	16.05	85	2.3
330884		0.10	0.50	45	0.25	2.77	51	0.9
330885		0.11	1.35	26	0.28	19.80	69	0.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06104452

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
330886	0.62	0.006	0.14	1.33	13.0	<10	310	0.95	0.78	0.80	0.17	47.10	13.3	19	1.44
330887	0.48	<0.005	0.06	1.68	9.8	<10	230	1.22	0.43	0.57	0.61	66.40	12.4	19	1.28
330888	0.56	<0.005	0.07	1.40	9.6	<10	210	0.97	0.38	0.78	0.30	37.50	11.2	17	0.70
330889	0.68	<0.005	0.05	1.57	11.3	<10	160	0.93	0.38	0.28	0.11	40.60	11.1	20	0.86
330890	0.58	<0.005	0.08	1.48	10.1	<10	260	0.90	0.38	0.48	0.26	38.70	10.6	20	0.99
330891	0.58	<0.005	0.15	1.42	10.6	<10	330	0.96	0.36	0.73	0.19	49.10	13.9	18	1.31
330892	0.50	<0.005	0.11	1.36	10.5	<10	250	0.91	0.35	0.84	0.25	37.40	11.6	18	0.77
330893	0.58	<0.005	0.12	1.44	10.4	<10	230	0.85	0.35	1.00	0.21	57.20	9.7	18	1.01
330894	0.44	<0.005	0.03	1.41	8.3	<10	100	1.18	0.26	0.84	0.15	74.70	10.4	22	1.34
330895	0.50	<0.005	0.43	2.04	69.3	<10	150	2.63	2.96	1.65	0.23	300.00	38.9	16	1.59
330896	0.34	0.006	0.04	1.59	5.5	<10	110	0.67	0.19	1.11	0.24	26.90	13.1	34	3.49
330897	0.48	NSS	0.25	1.87	7.4	<10	120	0.71	0.15	1.42	0.16	116.00	51.8	36	3.53
330898	0.66	<0.005	0.15	1.31	10.0	<10	290	0.84	0.43	0.54	0.17	47.00	12.3	17	1.08
330899	0.76	<0.005	0.14	1.21	5.5	<10	580	0.91	0.28	0.37	0.12	45.30	10.0	17	1.10
330900	0.10	0.079	1.26	4.39	33	20	490	0.73	0.05	13.90	0.02	21.60	46.9	57	2.11
330901	0.58	<0.005	0.11	1.23	9.3	<10	200	0.50	0.36	1.23	0.30	26.40	10.0	15	0.76
330902	0.60	<0.005	0.08	1.30	9.4	<10	220	0.55	0.38	0.66	0.28	27.30	9.7	16	0.78
330903	0.42	0.058	0.10	1.26	8.2	<10	210	0.68	0.30	1.85	0.29	42.50	10.1	14	1.10
330904	0.70	<0.005	0.03	1.27	10.0	<10	180	0.43	0.33	0.26	0.07	30.70	10.5	16	1.00
330905	0.58	<0.005	0.13	1.24	10.0	<10	160	0.66	0.35	0.51	0.16	36.60	10.0	16	0.92
330906	0.54	<0.005	0.15	1.21	9.6	<10	340	0.60	0.32	1.04	0.37	30.80	12.8	16	0.80
330907	0.72	0.008	0.08	1.46	12.3	<10	220	0.68	0.38	0.41	0.29	37.10	14.6	19	0.83
330908	0.74	<0.005	0.13	1.49	11.4	<10	190	0.84	0.38	0.93	0.21	41.30	12.2	17	1.07
330909	0.62	<0.005	0.02	1.60	10.9	<10	130	0.54	0.29	0.15	0.11	31.50	12.4	20	0.96
330910	0.60	<0.005	0.07	1.84	11.9	<10	250	1.01	0.42	0.52	0.31	45.10	14.0	20	1.00
330911	0.66	<0.005	0.03	1.82	11.6	<10	190	0.91	0.39	0.20	0.21	35.80	14.0	21	1.14
330912	0.60	<0.005	0.10	1.55	7.3	<10	210	0.95	0.34	0.37	0.17	35.90	11.7	17	1.18
330913	0.64	<0.005	0.12	1.19	11.6	<10	130	0.83	0.38	0.40	0.21	38.50	10.8	16	0.79
330914	0.54	0.026	0.04	0.98	3.8	<10	90	0.44	0.39	0.39	0.08	58.60	9.5	14	0.76
330915	0.52	<0.005	0.03	2.25	9.5	<10	220	0.71	0.40	0.41	0.30	31.70	19.0	27	2.16
330916	0.46	0.017	0.06	1.11	8.9	<10	230	0.48	0.35	1.24	0.23	30.30	11.4	14	1.03
330917	0.52	0.006	0.10	1.42	12.4	<10	210	0.72	0.47	0.81	0.20	36.10	12.5	16	0.93
330918	0.64	0.006	0.07	1.71	14.6	<10	230	0.86	0.58	0.55	0.15	50.30	14.3	18	1.28
330919	0.42	<0.005	0.13	1.27	10.2	<10	240	0.57	0.40	1.47	0.19	27.60	9.8	14	0.89
330920	0.48	<0.005	0.11	1.25	10.6	<10	230	0.79	0.39	1.30	0.20	33.20	10.1	14	0.86
330921	0.46	<0.005	0.10	1.07	7.6	<10	180	0.84	0.32	1.59	0.63	36.60	8.3	13	1.02
330922	0.70	0.009	0.11	1.25	9.9	<10	190	0.65	0.45	0.46	0.17	45.50	11.7	16	0.93
330923	0.52	<0.005	0.08	1.26	8.4	<10	220	0.50	0.40	1.16	0.29	25.10	12.5	14	0.99
330924	0.62	<0.005	0.09	1.24	9.5	<10	180	0.57	0.40	1.80	0.13	40.90	11.0	14	1.00
330925	0.60	<0.005	0.05	1.57	8.6	<10	260	0.70	0.34	0.50	0.21	38.70	11.3	18	0.73

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
330886		83.0	3.04	4.08	0.11	0.06	0.05	0.038	0.13	24.8	18.4	0.78	929	0.69	0.01	0.34
330887		28.6	3.34	4.92	0.11	0.14	0.05	0.038	0.09	31.6	21.7	0.60	1110	1.50	0.01	0.36
330888		33.1	3.14	3.79	0.09	0.08	0.04	0.038	0.10	18.1	16.0	0.63	887	0.81	0.01	0.27
330889		19.3	3.29	4.35	0.08	0.07	0.04	0.035	0.06	19.4	15.8	0.47	535	1.07	0.01	0.37
330890		17.2	3.40	4.34	0.09	0.07	0.04	0.041	0.08	19.0	15.7	0.46	904	1.10	0.01	0.36
330891		22.9	3.23	4.00	0.10	0.09	0.09	0.037	0.07	25.5	16.0	0.50	1120	0.76	0.01	0.35
330892		27.7	3.22	3.88	0.08	0.07	0.06	0.039	0.08	17.9	16.0	0.63	1080	0.85	0.01	0.29
330893		18.5	3.14	4.30	0.10	0.08	0.06	0.044	0.10	24.7	18.2	0.68	1535	0.75	0.01	0.26
330894		13.4	2.55	6.26	0.13	0.08	0.03	0.024	0.10	37.4	18.5	0.78	1045	0.73	0.01	0.26
330895		113.0	6.27	6.31	0.43	0.21	0.07	0.060	0.08	159.5	39.8	0.59	5300	3.38	0.01	0.36
330896		18.7	2.88	7.95	0.08	0.03	0.08	0.026	0.25	12.2	21.0	0.70	3050	0.88	0.07	0.56
330897		18.0	3.19	10.30	0.18	0.05	0.08	0.018	0.24	60.8	22.9	0.81	2290	0.76	0.13	1.27
330898		36.4	3.02	4.36	0.10	0.08	0.08	0.039	0.09	25.1	16.3	0.51	857	0.83	0.01	0.38
330899		23.1	2.51	3.77	0.09	0.08	0.05	0.036	0.11	23.8	18.8	0.52	555	0.65	0.01	0.31
330900		2570.0	15.65	14.95	0.30	0.24	0.02	0.498	0.40	14.7	24.8	2.33	2920	6.03	0.11	0.16
330901		31.7	2.84	3.90	0.06	0.06	0.04	0.034	0.09	13.2	13.1	0.49	690	0.94	0.01	0.33
330902		19.4	2.96	4.19	0.07	0.06	0.03	0.031	0.07	13.1	13.8	0.41	494	1.14	0.01	0.39
330903		27.2	2.35	4.27	0.09	0.09	0.07	0.031	0.07	25.9	15.4	0.50	1230	0.70	0.01	0.33
330904		11.8	3.01	4.63	0.07	0.06	0.02	0.027	0.05	14.6	17.1	0.33	312	1.32	<0.01	0.50
330905		29.7	3.07	3.84	0.10	0.09	0.06	0.037	0.12	20.5	14.5	0.55	558	0.84	0.01	0.37
330906		25.3	2.99	3.68	0.08	0.08	0.07	0.034	0.08	14.8	14.7	0.54	1200	0.83	0.01	0.34
330907		18.4	3.62	4.59	0.09	0.07	0.05	0.039	0.08	16.6	18.6	0.51	1025	1.24	0.01	0.43
330908		26.4	3.50	4.41	0.09	0.08	0.07	0.045	0.12	20.1	16.0	0.79	1095	1.06	0.01	0.35
330909		15.4	3.27	5.16	0.08	0.08	0.03	0.029	0.05	15.2	21.3	0.43	255	1.30	0.01	0.44
330910		19.6	3.56	5.86	0.09	0.10	0.02	0.044	0.10	20.7	17.2	0.55	1390	1.14	0.01	0.45
330911		16.0	3.72	5.08	0.07	0.06	0.01	0.042	0.06	16.6	26.0	0.41	581	1.19	0.01	0.65
330912		20.3	2.69	4.60	0.06	0.05	0.05	0.037	0.05	16.6	19.1	0.40	927	0.78	0.01	0.37
330913		22.4	3.10	3.51	0.07	0.06	0.05	0.038	0.07	19.2	18.1	0.48	864	0.85	0.01	0.37
330914		21.6	2.09	3.41	0.09	0.02	0.02	0.014	0.04	28.5	25.8	0.62	366	1.74	0.01	0.26
330915		38.0	4.43	8.99	0.08	0.06	0.02	0.047	0.06	14.4	22.3	0.79	1045	2.89	0.01	0.93
330916		74.0	2.56	3.73	0.07	0.05	0.04	0.032	0.07	14.9	14.8	0.50	876	1.43	0.01	0.33
330917		47.2	2.86	4.10	0.07	0.06	0.04	0.037	0.13	17.5	15.3	0.55	794	1.02	0.01	0.29
330918		53.9	3.23	4.98	0.10	0.08	0.06	0.040	0.17	25.0	17.7	0.65	885	0.92	0.01	0.35
330919		38.4	2.44	3.40	0.07	0.06	0.05	0.028	0.13	14.3	11.9	0.60	700	0.74	0.01	0.24
330920		39.0	2.47	3.48	0.06	0.05	0.04	0.029	0.13	16.2	15.5	0.61	782	0.77	0.01	0.24
330921		22.7	2.23	3.11	0.07	0.05	0.06	0.025	0.07	19.4	15.6	0.51	564	0.72	0.01	0.27
330922		32.8	2.64	3.90	0.08	0.08	0.06	0.035	0.11	22.0	16.1	0.53	394	0.50	0.01	0.38
330923		17.3	2.45	4.40	0.06	0.05	0.05	0.032	0.06	11.9	17.2	0.38	1340	1.23	0.01	0.39
330924		33.0	2.55	3.59	0.09	0.07	0.05	0.029	0.15	20.3	12.9	1.35	869	0.59	0.01	0.24
330925		17.2	3.26	4.27	0.07	0.06	0.03	0.034	0.10	17.5	16.5	0.58	973	0.79	0.01	0.31

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 31-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104452

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
330886		24.1	510	17.5	16.5	<0.001	0.03	0.68	4.4	0.9	0.3	11.3	0.01	0.05	7.7	0.014
330887		25.8	420	28.6	11.7	<0.001	0.04	0.95	3.9	1.0	0.5	10.1	0.01	0.09	6.5	0.008
330888		21.3	360	26.3	10.3	<0.001	0.03	0.68	3.4	0.6	0.4	10.3	0.01	0.04	4.1	0.007
330889		21.8	150	26.9	9.7	<0.001	0.01	0.66	4.1	0.5	0.5	8.5	<0.01	0.03	6.6	0.007
330890		18.9	260	28.4	12.0	<0.001	0.03	0.70	4.0	0.7	0.4	8.5	0.01	0.04	5.6	0.008
330891		19.9	570	25.7	12.5	<0.001	0.05	0.57	3.7	1.1	0.4	13.6	0.01	0.04	4.5	0.007
330892		21.5	390	26.3	8.5	<0.001	0.04	0.67	3.9	0.9	0.3	11.0	0.01	0.03	4.4	0.008
330893		19.7	580	22.8	12.8	<0.001	0.05	0.59	5.3	1.1	0.3	10.4	0.01	0.04	5.4	0.007
330894		26.0	350	15.8	17.5	<0.001	0.03	0.49	6.7	0.8	0.6	9.7	0.01	0.02	9.1	0.016
330895		45.3	750	44.1	19.5	<0.001	0.14	1.19	6.5	3.5	0.3	35.8	0.04	0.12	21.0	0.005
330896		22.4	1430	14.8	67.2	<0.001	0.09	0.43	4.7	1.0	1.2	16.2	0.01	0.04	1.8	0.092
330897		28.0	670	7.0	81.4	0.002	0.08	0.25	6.2	0.6	1.3	21.9	0.01	0.09	6.6	0.136
330898		20.0	470	20.3	14.2	0.001	0.04	0.61	4.2	0.5	0.4	10.9	<0.01	0.03	5.9	0.011
330899		19.6	490	18.3	17.1	0.001	0.03	0.46	4.7	0.3	0.3	10.6	0.01	0.02	9.5	0.010
330900		30.5	1690	4.2	18.1	0.001	0.22	7.24	9.6	<0.2	0.9	282.0	0.01	0.03	2.4	0.191
330901		16.6	490	20.2	16.6	0.001	0.06	0.65	2.6	0.3	0.3	15.4	<0.01	0.04	2.6	0.009
330902		16.3	320	22.0	12.9	0.001	0.04	0.57	2.6	0.2	0.4	10.7	<0.01	0.04	3.6	0.007
330903		17.2	650	18.2	14.5	0.001	0.09	0.60	3.4	0.8	0.3	17.3	0.01	0.03	2.8	0.006
330904		14.1	160	26.6	12.9	0.001	0.03	0.57	2.0	<0.2	0.4	8.2	<0.01	0.03	4.5	0.010
330905		21.6	360	20.9	12.5	0.001	0.04	0.73	4.1	0.4	0.3	8.0	<0.01	0.03	5.0	0.011
330906		19.8	580	23.4	10.4	<0.001	0.07	0.59	3.3	0.5	0.3	12.9	<0.01	0.03	3.3	0.009
330907		20.7	260	30.2	11.3	0.001	0.04	0.65	3.9	0.3	0.4	9.5	<0.01	0.03	4.6	0.010
330908		23.0	340	26.7	14.6	0.001	0.05	0.72	4.5	0.3	0.4	9.2	<0.01	0.04	5.5	0.009
330909		22.3	120	26.4	14.0	0.001	0.03	0.71	2.5	<0.2	0.5	7.5	<0.01	0.03	4.8	0.008
330910		23.4	260	31.5	14.2	0.001	0.04	0.72	4.7	0.2	0.5	12.4	<0.01	0.05	6.0	0.007
330911		22.3	190	25.7	14.2	<0.001	0.03	0.31	3.0	0.2	0.5	7.7	<0.01	0.03	6.0	0.009
330912		18.3	490	22.1	13.1	<0.001	0.04	0.27	3.9	0.4	0.4	8.9	<0.01	0.03	3.5	0.007
330913		19.4	460	22.1	10.6	<0.001	0.04	0.41	4.0	0.3	0.3	7.6	<0.01	0.03	4.3	0.011
330914		20.4	560	8.7	8.6	<0.001	0.05	0.15	1.9	0.4	0.2	14.6	<0.01	0.02	6.1	0.014
330915		25.4	220	27.0	16.8	0.001	0.04	0.68	6.0	<0.2	0.7	11.5	<0.01	0.05	4.6	0.048
330916		15.6	500	19.0	13.7	0.001	0.07	0.55	3.0	0.6	0.3	13.8	<0.01	0.03	2.6	0.010
330917		17.4	440	19.0	14.3	0.001	0.06	0.64	2.8	0.3	0.3	9.8	<0.01	0.03	3.7	0.008
330918		22.9	220	18.9	17.7	0.001	0.04	0.75	3.8	0.2	0.4	7.7	<0.01	0.04	8.3	0.008
330919		16.0	570	13.3	12.4	0.001	0.09	0.66	2.1	0.5	0.3	12.1	<0.01	0.03	2.8	0.007
330920		18.5	510	14.3	12.6	<0.001	0.07	0.57	2.6	0.5	0.3	11.8	<0.01	0.03	3.0	0.007
330921		15.8	650	18.7	10.8	<0.001	0.10	0.49	2.1	0.6	0.3	15.1	<0.01	0.03	2.0	0.007
330922		20.3	440	18.1	12.2	0.002	0.03	0.68	3.3	0.3	0.3	8.1	<0.01	0.03	7.8	0.010
330923		14.2	560	25.5	13.8	0.002	0.05	0.45	2.1	0.4	0.4	14.0	<0.01	0.03	1.9	0.007
330924		18.2	450	14.2	13.1	0.001	0.04	0.65	2.9	0.3	0.3	9.0	<0.01	0.03	6.8	0.010
330925		17.1	220	21.4	10.3	0.001	0.03	0.54	3.0	0.2	0.4	7.1	<0.01	0.03	5.8	0.008

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 31-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104452

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
330886		0.12	1.09	26	0.16	14.50	78	1.2
330887		0.15	0.75	38	0.13	16.40	95	2.7
330888		0.09	0.56	28	0.15	11.00	85	1.5
330889		0.11	0.94	37	0.12	7.96	73	2.1
330890		0.13	0.98	39	0.16	10.55	92	1.5
330891		0.12	1.48	30	0.21	17.55	92	1.6
330892		0.09	0.86	29	0.11	11.95	101	1.5
330893		0.11	1.17	28	0.13	20.10	96	1.2
330894		0.14	1.04	33	0.13	15.30	44	1.2
330895		0.27	4.94	22	0.26	90.40	43	0.8
330896		0.27	2.51	73	0.08	11.35	87	<0.5
330897		0.28	2.81	79	0.10	19.15	21	0.5
330898		0.10	1.35	29	0.13	14.25	91	1.4
330899		0.11	0.71	24	0.12	18.45	66	1.4
330900		0.10	3.47	125	9.85	16.85	132	12.1
330901		0.09	0.85	29	0.20	5.76	86	1.8
330902		0.10	0.69	35	0.13	4.50	80	1.4
330903		0.09	0.95	25	0.13	18.80	90	1.4
330904		0.11	0.54	39	0.12	2.87	71	2.2
330905		0.10	0.72	25	0.14	14.20	136	2.0
330906		0.09	0.65	27	0.11	9.65	134	1.8
330907		0.11	0.65	36	0.12	8.49	119	1.5
330908		0.13	0.80	30	0.14	12.70	85	1.5
330909		0.10	0.51	40	0.10	3.03	88	2.6
330910		0.13	0.57	42	0.15	11.00	90	2.1
330911		0.13	0.63	40	0.19	3.32	84	2.3
330912		0.11	1.00	32	0.10	8.59	68	1.0
330913		0.10	0.80	26	0.10	11.75	105	1.3
330914		0.06	6.71	16	0.07	6.61	80	0.5
330915		0.15	0.83	103	0.42	5.79	100	1.4
330916		0.08	1.07	26	0.09	7.52	110	1.1
330917		0.09	0.94	24	0.10	8.20	76	1.1
330918		0.13	0.71	26	0.13	9.67	69	1.9
330919		0.09	1.06	19	0.09	6.14	106	1.4
330920		0.10	1.02	19	0.10	6.63	99	1.3
330921		0.08	1.36	23	0.08	7.78	109	1.0
330922		0.09	0.63	23	0.12	9.08	76	2.1
330923		0.09	0.88	29	0.16	4.31	74	1.0
330924		0.09	0.65	19	0.12	7.91	54	1.7
330925		0.10	0.68	32	0.11	6.01	79	1.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06104452

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
330926		0.52	<0.005	0.10	1.37	10.0	<10	230	0.81	0.37	1.56	0.23	39.10	11.4	16	0.93
330927		0.62	<0.005	0.13	1.35	7.7	<10	220	0.64	0.33	0.80	0.24	34.00	10.2	16	0.93
330928		0.44	<0.005	0.08	1.68	11.6	<10	250	0.80	0.46	0.27	0.50	33.00	14.5	20	1.43
330929		0.50	<0.005	0.04	1.48	10.6	<10	80	0.38	0.45	0.13	0.14	26.50	8.2	18	1.55
330930		0.56	<0.005	0.08	1.35	12.5	<10	160	0.73	0.42	0.55	0.24	35.40	12.2	18	0.96
330931		0.52	<0.005	0.14	1.36	11.5	<10	240	0.70	0.42	0.66	0.47	32.10	13.5	17	0.82
330932		0.66	0.029	0.03	1.77	10.9	<10	160	0.98	0.46	0.30	0.12	52.90	12.5	20	1.01
330933		0.54	<0.005	0.13	1.42	11.9	<10	160	0.86	0.49	0.64	0.15	60.20	13.2	16	0.87
330934		0.58	<0.005	0.06	1.46	10.1	<10	160	0.55	0.30	0.22	0.14	34.10	11.4	18	0.84
330935		0.64	<0.005	0.13	1.46	10.8	<10	170	0.89	0.36	0.72	0.27	35.60	10.7	17	0.77
330936		0.58	<0.005	0.06	1.82	12.0	<10	260	0.65	0.31	0.23	0.24	34.10	12.2	21	1.48
330937		0.60	0.005	0.02	1.16	1.0	<10	30	0.43	0.43	0.26	0.01	83.30	14.4	13	0.77
330938		0.54	0.007	0.03	1.00	1.8	<10	40	0.42	0.61	0.30	0.04	111.00	17.1	14	0.73
330939		0.62	<0.005	0.05	0.91	<2	<10	60	0.30	0.33	11.45	0.12	50.40	11.6	9	0.83
330940		0.52	0.006	0.05	0.88	<2	<10	70	0.32	0.33	11.20	0.12	49.30	11.4	9	0.85
330941		0.60	<0.005	0.24	1.43	8.3	<10	130	0.61	0.38	0.88	0.18	46.80	12.7	21	2.15
330942		0.52	0.005	0.19	1.17	8.8	<10	190	0.55	0.35	1.93	0.24	46.00	10.4	17	1.50
330943		0.66	<0.005	0.17	1.91	11.2	<10	140	0.88	0.38	0.51	0.14	63.70	12.9	26	3.24
330944		0.64	<0.005	0.02	1.21	1.3	<10	40	0.52	0.50	0.22	0.01	91.10	19.7	13	0.90
330945		0.64	<0.005	0.03	1.03	1.4	<10	40	0.40	0.60	0.26	0.02	119.00	18.8	14	0.82
330946		0.64	<0.005	0.03	0.99	1.4	<10	30	0.37	0.60	0.88	0.03	108.00	16.0	17	0.80
330947		0.64	<0.005	0.02	0.97	1.2	<10	30	0.33	0.54	0.38	0.02	99.60	14.2	15	0.71
330948		0.64	<0.005	0.05	1.49	12.6	<10	240	0.79	0.36	0.47	0.32	29.70	12.1	19	0.60
330949		0.66	<0.005	0.07	1.72	12.4	<10	280	1.04	0.42	0.48	0.38	42.90	13.5	20	1.08
330950		0.54	<0.005	0.09	1.54	12.8	<10	260	0.94	0.37	0.63	0.41	31.50	14.3	19	0.87
330951		0.66	<0.005	0.05	2.06	14.6	<10	240	1.22	0.47	0.47	0.19	39.40	13.2	25	1.00
330952		0.96	<0.005	0.14	1.27	11.2	<10	180	0.75	0.34	2.03	0.26	35.10	12.1	16	0.66
330953		1.02	<0.005	0.14	1.02	8.4	<10	110	0.64	0.29	4.11	0.17	35.70	9.4	13	1.06
330954		0.66	<0.005	0.09	1.58	12.5	<10	100	0.67	0.86	0.12	0.03	71.60	20.9	18	1.94
330955		0.70	<0.005	0.08	1.36	6.4	<10	90	0.54	0.74	0.31	0.04	71.30	11.6	16	1.67
330956		0.66	<0.005	0.06	1.40	9.9	<10	160	0.63	0.40	0.21	0.12	45.10	10.2	18	0.58
330957		0.52	<0.005	0.44	0.76	17.2	<10	130	0.22	0.39	0.15	0.85	28.30	4.2	10	0.77
330958		0.66	<0.005	0.24	1.06	8.5	<10	260	0.60	0.48	0.65	0.38	36.30	15.1	14	1.25
330959		0.56	<0.005	0.07	1.36	7.5	<10	190	0.46	0.36	0.38	0.19	30.50	7.7	17	0.97
330960		0.08	0.092	1.24	4.56	36	20	490	0.91	0.03	13.90	0.02	22.90	49.3	59	2.03
330961		0.72	<0.005	0.04	1.28	10.2	<10	120	0.33	0.37	0.14	0.04	31.30	5.6	17	1.22
330962		0.84	0.005	0.16	1.28	8.5	<10	130	0.62	0.66	0.57	0.12	59.30	14.8	22	2.81
330963		0.64	<0.005	0.08	1.45	8.7	<10	130	0.65	0.40	0.42	0.10	34.30	8.9	17	2.08
330964		0.52	<0.005	0.16	1.35	10.3	<10	120	0.59	0.58	1.50	0.11	43.50	11.3	19	3.17
330965		0.50	0.007	0.13	1.50	8.7	<10	560	0.90	0.35	1.80	0.23	29.70	10.3	16	1.40

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06104452

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
330926		26.2	2.95	4.11	0.08	0.08	0.05	0.038	0.14	19.5	15.7	1.12	1025	0.85	0.01	0.26
330927		26.0	2.93	3.61	0.07	0.08	0.06	0.032	0.13	16.4	14.9	0.64	707	0.52	0.01	0.28
330928		38.0	3.78	6.37	0.08	0.11	0.03	0.041	0.12	17.3	18.2	0.39	824	1.66	0.01	0.49
330929		48.1	3.49	5.63	0.07	0.04	0.03	0.029	0.06	13.5	17.8	0.35	252	1.59	0.01	0.61
330930		27.2	3.37	4.40	0.07	0.06	0.02	0.036	0.07	16.5	18.8	0.47	724	1.13	0.01	0.44
330931		27.4	3.18	4.51	0.08	0.06	0.05	0.036	0.07	15.1	16.6	0.45	837	1.17	0.01	0.42
330932		21.1	3.36	5.61	0.09	0.10	0.02	0.039	0.15	24.4	18.7	0.52	718	1.10	0.01	0.49
330933		45.9	2.83	4.00	0.09	0.09	0.04	0.028	0.17	23.9	19.0	0.73	779	0.82	0.01	0.28
330934		11.8	3.07	4.27	0.06	0.04	0.02	0.025	0.06	15.2	20.6	0.42	506	1.12	0.01	0.35
330935		28.7	3.23	3.92	0.09	0.07	0.05	0.032	0.10	20.1	17.8	0.56	801	0.98	0.01	0.30
330936		60.9	3.22	5.73	0.07	0.05	0.03	0.025	0.05	15.5	23.1	0.46	434	1.29	0.01	0.43
330937		33.3	2.10	3.44	0.12	<0.02	0.01	<0.005	0.04	41.8	32.8	0.85	561	0.36	<0.01	0.14
330938		31.2	2.65	3.42	0.14	0.02	0.01	<0.005	0.04	51.5	29.5	0.70	932	0.79	0.01	0.21
330939		20.5	1.37	2.60	0.08	0.02	0.01	<0.005	0.05	26.1	22.3	0.64	504	0.20	0.01	0.17
330940		23.8	1.33	2.55	0.09	<0.02	0.02	0.005	0.05	26.0	21.7	0.62	539	0.23	0.01	0.16
330941		50.4	2.85	4.43	0.08	0.02	0.06	0.024	0.08	23.3	23.9	0.60	818	0.71	0.01	0.71
330942		38.8	2.46	3.68	0.08	0.02	0.05	0.022	0.06	23.1	19.7	0.44	1095	0.91	0.01	0.55
330943		41.2	3.48	5.78	0.09	0.03	0.01	0.026	0.09	28.5	32.6	0.71	552	0.99	0.01	1.06
330944		41.5	2.34	3.72	0.12	<0.02	0.01	<0.005	0.04	43.9	34.2	0.87	1375	0.81	0.01	0.14
330945		41.2	2.74	3.68	0.17	0.02	<0.01	<0.005	0.04	57.8	31.8	0.76	1175	0.75	0.01	0.17
330946		28.3	3.26	3.19	0.14	<0.02	0.01	<0.005	0.05	52.0	27.6	0.75	957	0.49	0.01	0.16
330947		25.0	2.73	3.24	0.14	0.02	<0.01	<0.005	0.05	47.0	28.7	0.73	848	0.54	0.01	0.13
330948		15.0	3.39	4.13	0.05	0.05	0.02	0.027	0.06	13.9	20.2	0.48	610	1.24	0.01	0.37
330949		22.3	3.52	4.87	0.06	0.07	0.02	0.036	0.07	21.2	19.1	0.52	1595	1.24	0.01	0.33
330950		25.8	3.41	4.26	0.07	0.06	0.03	0.031	0.06	15.1	18.5	0.49	1290	1.29	0.01	0.29
330951		37.3	3.65	6.01	0.07	0.09	0.02	0.034	0.06	18.2	20.9	0.54	1125	1.24	0.01	0.46
330952		29.1	2.95	3.67	0.07	0.06	0.06	0.027	0.10	17.3	18.9	1.43	624	1.03	0.01	0.30
330953		32.2	2.37	2.92	0.10	0.05	0.04	0.024	0.13	17.7	13.3	2.74	699	0.86	0.01	0.28
330954		65.5	3.00	4.77	0.09	0.02	0.02	0.020	0.10	33.8	27.1	0.68	438	1.25	0.01	0.55
330955		57.7	2.27	4.11	0.10	0.02	0.02	0.018	0.07	35.4	24.5	0.63	207	0.69	0.01	0.57
330956		17.3	3.09	4.11	0.07	0.02	0.01	0.027	0.12	18.9	16.1	0.38	673	1.35	0.01	0.37
330957		10.6	2.59	4.36	0.06	<0.02	0.02	0.013	0.08	14.4	6.7	0.13	254	2.15	0.01	0.60
330958		41.9	2.60	3.35	0.09	0.03	0.06	0.025	0.06	27.5	14.5	0.35	1870	1.32	0.01	0.34
330959		14.1	2.64	4.62	0.05	0.02	0.01	0.020	0.06	15.7	15.8	0.30	329	1.21	0.01	0.47
330960		2370.0	12.80	14.35	0.29	0.39	0.01	0.496	0.40	14.4	28.9	2.36	2890	6.17	0.12	0.21
330961		16.1	3.45	4.66	0.07	0.02	<0.01	0.020	0.05	15.4	22.1	0.26	216	1.25	0.01	0.66
330962		52.5	3.09	4.55	0.10	0.04	0.03	0.026	0.11	30.5	20.7	0.81	1240	0.72	0.01	0.75
330963		14.1	3.30	4.82	0.06	0.02	0.02	0.029	0.06	16.3	20.9	0.34	752	1.18	0.01	0.56
330964		58.1	2.88	4.19	0.11	0.03	0.05	0.025	0.15	27.3	26.6	0.71	782	0.91	0.01	0.99
330965		23.9	2.40	4.93	0.08	0.06	0.11	0.036	0.09	19.6	17.3	0.57	1805	0.88	0.01	0.27

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 31-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104452

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
330926		19.9	510	22.2	13.9	0.001	0.05	0.77	3.4	0.3	0.3	11.7	<0.01	0.03	3.9	0.009
330927		18.3	480	19.5	12.8	0.001	0.06	0.54	3.0	0.4	0.3	8.3	0.01	0.04	4.2	0.009
330928		19.7	610	35.4	21.6	0.001	0.06	0.88	3.3	0.2	0.6	9.1	<0.01	0.05	4.6	0.011
330929		16.0	490	14.2	10.8	<0.001	0.05	0.74	2.2	0.2	0.5	6.1	<0.01	0.06	4.6	0.008
330930		19.2	370	25.5	13.3	<0.001	0.03	0.61	3.3	0.2	0.4	10.7	<0.01	0.05	5.2	0.009
330931		20.2	370	30.2	10.9	0.001	0.04	0.62	3.4	0.3	0.4	11.0	<0.01	0.04	3.0	0.009
330932		21.7	220	23.9	22.7	0.001	0.03	0.62	4.3	<0.2	0.5	6.5	<0.01	0.05	8.0	0.007
330933		24.3	370	19.4	14.1	<0.001	0.02	0.73	3.4	0.3	0.3	6.6	<0.01	0.05	9.2	0.008
330934		17.0	140	26.0	10.2	<0.001	0.01	0.53	2.7	<0.2	0.4	6.9	<0.01	0.03	4.6	0.008
330935		23.2	320	28.9	12.0	<0.001	0.05	0.63	4.5	0.4	0.4	9.7	<0.01	0.03	5.0	0.006
330936		21.1	230	24.6	12.5	<0.001	0.06	0.63	3.2	<0.2	0.5	7.9	<0.01	0.03	4.7	0.008
330937		25.0	570	4.9	6.3	<0.001	0.04	0.07	1.4	0.3	<0.2	11.2	<0.01	0.03	13.4	0.009
330938		25.5	680	7.4	5.4	<0.001	0.03	0.11	1.4	0.3	<0.2	14.1	<0.01	0.05	15.6	0.011
330939		18.8	400	5.6	10.8	<0.001	0.07	0.05	1.4	0.2	<0.2	72.3	<0.01	0.02	8.2	0.009
330940		17.9	430	5.4	11.1	<0.001	0.08	0.06	1.4	0.3	<0.2	77.4	<0.01	0.03	7.5	0.008
330941		20.6	470	29.5	25.2	<0.001	0.05	0.39	3.0	0.6	0.4	18.2	<0.01	0.03	4.0	0.028
330942		17.6	680	29.0	19.1	<0.001	0.08	0.40	2.4	0.9	0.3	43.6	<0.01	0.02	1.7	0.019
330943		27.6	210	33.1	29.7	<0.001	0.02	0.52	4.5	0.6	0.5	13.7	<0.01	0.03	9.2	0.042
330944		28.5	690	5.2	6.3	<0.001	0.01	0.07	1.3	0.3	<0.2	12.4	<0.01	0.06	15.7	0.009
330945		27.4	830	6.7	5.9	<0.001	0.02	0.09	1.4	0.3	<0.2	14.2	<0.01	0.05	19.5	0.014
330946		24.9	790	7.3	6.2	<0.001	0.02	0.09	1.3	0.4	<0.2	22.8	<0.01	0.05	17.8	0.014
330947		25.6	600	6.0	6.3	<0.001	0.03	0.09	1.3	0.2	<0.2	16.0	<0.01	0.04	17.2	0.013
330948		21.3	320	31.4	7.7	<0.001	0.02	0.60	3.5	0.2	0.4	12.0	<0.01	0.03	4.1	0.007
330949		27.4	270	31.6	10.7	<0.001	0.03	0.68	4.7	0.5	0.5	17.0	<0.01	0.06	6.0	0.006
330950		25.3	490	34.4	9.3	<0.001	0.04	0.77	3.8	0.4	0.4	15.9	<0.01	0.05	2.7	0.007
330951		26.7	250	32.1	11.0	<0.001	0.02	0.64	5.4	0.3	0.6	10.2	<0.01	0.05	5.5	0.008
330952		23.5	430	25.3	9.7	<0.001	0.02	0.68	3.8	0.3	0.3	13.5	<0.01	0.03	4.7	0.010
330953		19.3	550	17.3	11.2	<0.001	0.02	0.64	3.9	0.3	0.3	17.6	<0.01	0.03	5.9	0.013
330954		29.2	490	20.6	24.0	<0.001	0.01	0.45	2.7	0.3	0.3	7.0	<0.01	0.05	12.5	0.018
330955		22.8	710	17.1	16.6	<0.001	0.03	0.32	2.3	0.5	0.2	11.8	<0.01	0.03	12.6	0.021
330956		17.2	270	19.5	16.3	<0.001	0.02	0.49	2.6	0.2	0.4	8.3	<0.01	0.03	6.1	0.010
330957		8.8	270	13.3	21.4	<0.001	0.02	0.81	1.3	0.3	0.5	6.3	<0.01	0.04	4.6	0.014
330958		18.3	770	17.3	15.8	<0.001	0.04	0.47	3.0	0.7	0.2	16.8	<0.01	0.04	3.3	0.014
330959		12.4	230	19.4	13.8	<0.001	0.02	0.39	2.3	0.2	0.5	10.6	<0.01	0.03	3.9	0.011
330960		36.2	1700	4.6	17.3	<0.001	0.20	6.77	11.5	<0.2	0.9	292.0	0.01	0.01	2.4	0.207
330961		11.1	160	19.7	15.7	<0.001	0.01	0.47	1.6	<0.2	0.4	6.3	<0.01	0.03	4.7	0.016
330962		25.4	540	18.4	24.0	<0.001	0.01	0.49	4.2	0.2	0.4	8.2	<0.01	0.04	11.4	0.047
330963		13.2	390	23.8	21.7	<0.001	0.02	0.39	2.2	0.3	0.4	8.9	<0.01	0.03	4.1	0.015
330964		18.7	540	16.8	37.0	<0.001	0.09	0.44	3.4	0.7	0.3	20.2	<0.01	0.04	4.6	0.040
330965		21.4	1050	19.1	15.6	<0.001	0.10	0.58	6.5	0.8	0.3	20.4	0.01	0.03	3.4	0.008

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 31-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104452

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
330926		0.10	0.70	25	0.12	10.60	87	1.6
330927		0.10	0.59	25	0.10	8.37	113	1.7
330928		0.17	0.93	52	0.16	6.57	148	2.5
330929		0.17	0.61	39	0.19	2.60	60	1.0
330930		0.09	0.93	33	0.18	6.35	99	1.2
330931		0.10	1.01	35	0.10	8.32	105	1.2
330932		0.13	0.71	35	0.18	10.95	65	2.2
330933		0.08	0.59	20	0.18	7.79	60	2.4
330934		0.07	0.51	37	0.12	3.00	86	1.8
330935		0.09	0.62	31	0.15	14.25	97	1.8
330936		0.10	0.65	44	0.15	3.80	85	1.9
330937		0.02	1.19	9	0.05	7.32	97	<0.5
330938		0.03	1.50	11	0.06	9.78	87	<0.5
330939		0.03	1.63	6	0.05	6.10	86	<0.5
330940		0.03	1.83	6	<0.05	6.43	84	0.5
330941		0.17	2.98	31	0.10	10.35	88	0.7
330942		0.12	4.25	27	0.13	12.05	85	0.6
330943		0.32	1.57	40	0.19	11.60	84	1.0
330944		0.02	1.54	9	<0.05	8.31	99	0.5
330945		0.03	1.72	11	<0.05	11.05	95	0.5
330946		<0.02	1.59	13	0.06	9.35	95	<0.5
330947		<0.02	1.75	11	0.05	8.18	95	<0.5
330948		0.06	0.70	38	0.12	5.84	101	1.4
330949		0.09	0.72	40	0.18	12.45	88	1.8
330950		0.07	0.82	38	0.15	10.55	129	1.6
330951		0.10	0.89	50	0.14	10.20	99	2.4
330952		0.06	0.51	26	0.11	10.40	109	1.7
330953		0.07	0.73	19	0.13	10.30	82	2.0
330954		0.17	4.13	20	0.09	8.88	110	0.5
330955		0.14	5.81	18	0.08	9.26	96	0.8
330956		0.06	0.68	34	0.12	3.54	60	1.0
330957		0.06	0.61	40	0.14	2.06	47	<0.5
330958		0.06	9.02	22	0.15	17.35	48	0.7
330959		0.08	1.14	42	0.16	3.29	45	0.7
330960		0.06	3.73	126	11.00	17.45	154	20.5
330961		0.07	0.45	42	0.21	2.13	52	2.2
330962		0.26	1.03	29	0.11	14.30	62	1.3
330963		0.11	0.71	37	0.13	5.06	66	0.7
330964		0.24	2.87	23	0.13	14.75	71	0.7
330965		0.09	2.15	26	0.32	27.90	73	1.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
330966		0.56	<0.005	0.09	1.57	13.3	<10	360	0.89	0.36	0.59	0.19	54.50	12.1	19	1.48
330967		0.62	<0.005	0.08	1.55	12.4	<10	140	0.72	0.39	0.18	0.08	35.40	12.7	18	1.09
330968		0.70	<0.005	0.04	2.04	8.2	<10	220	0.68	0.35	0.56	0.16	33.50	12.1	30	1.78
330969		0.82	0.005	0.12	1.18	10.5	<10	130	0.62	0.35	0.25	0.10	35.30	10.3	16	0.89
330970		0.60	<0.005	0.06	1.30	12.8	<10	110	0.72	0.44	0.18	0.09	32.30	9.0	16	1.00
330971		0.76	<0.005	0.11	1.49	13.4	<10	310	0.84	0.42	0.62	0.14	33.20	13.6	18	1.21
330972		0.70	<0.005	0.03	1.44	8.4	<10	130	0.68	0.43	0.09	0.05	50.00	10.3	15	0.78
330973		0.56	<0.005	0.13	1.37	7.7	<10	110	0.71	0.43	1.27	0.12	29.00	8.8	14	0.83
330974		0.62	<0.005	0.06	1.39	9.8	<10	100	0.77	0.49	0.24	0.07	49.70	11.1	14	0.82
330975		0.50	<0.005	0.05	1.49	11.3	<10	170	0.66	0.45	0.15	0.14	35.40	11.2	15	1.28
330976		0.64	<0.005	0.05	1.70	11.9	<10	140	0.75	0.33	0.23	0.07	38.30	11.3	21	1.26
330977		0.52	<0.005	0.04	1.35	5.8	<10	130	0.76	0.29	0.77	0.19	32.80	6.5	16	1.23
330978		0.60	<0.005	0.02	1.76	10.1	<10	190	0.67	0.39	0.13	0.09	33.10	10.7	18	1.10
330979		0.56	<0.005	0.04	0.83	9.7	<10	120	0.17	0.36	0.15	0.19	26.90	4.3	12	0.77
330980		0.52	<0.005	0.03	1.03	13.9	<10	120	0.21	0.41	0.13	0.12	29.50	6.6	16	0.79
330981		0.74	<0.005	0.08	1.48	22.7	<10	200	0.85	0.83	0.23	0.13	48.60	17.1	16	1.07
330982		0.72	<0.005	0.04	1.40	9.5	<10	90	0.68	0.48	0.04	0.04	63.10	11.1	14	0.77
330983		0.70	<0.005	0.04	1.33	10.7	<10	140	0.71	0.49	0.22	0.09	51.80	12.2	15	0.85
330984		0.72	<0.005	0.08	1.42	17.3	<10	160	0.74	0.57	0.42	0.13	35.70	14.1	17	1.09
330985		0.66	<0.005	0.03	1.76	17.9	<10	140	0.77	0.53	0.30	0.18	40.90	15.6	32	1.54

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 31-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104452

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
330966		22.8	2.87	5.48	0.09	0.06	0.08	0.046	0.09	25.0	21.0	0.63	2120	0.84	0.01	0.29
330967		16.1	3.15	4.20	0.07	0.03	0.02	0.031	0.05	16.1	19.2	0.31	344	1.05	0.01	0.48
330968		20.1	2.99	5.33	0.07	0.03	0.02	0.025	0.20	16.1	21.6	1.19	682	0.67	0.01	0.34
330969		17.4	2.78	3.57	0.06	0.06	0.06	0.032	0.06	17.0	17.3	0.43	720	0.73	<0.01	0.36
330970		20.9	3.06	3.41	0.05	0.04	0.05	0.037	0.06	14.5	16.9	0.39	368	0.92	0.01	0.46
330971		34.2	3.14	4.35	0.07	0.05	0.07	0.041	0.06	18.1	18.1	0.41	695	1.08	0.01	0.44
330972		33.6	2.43	3.73	0.07	0.06	0.04	0.028	0.14	24.4	14.5	0.57	460	0.64	<0.01	0.17
330973		38.3	2.13	3.32	0.06	0.07	0.08	0.028	0.17	15.3	14.2	0.62	384	0.59	0.01	0.18
330974		37.8	2.49	3.73	0.08	0.06	0.06	0.027	0.14	25.2	16.6	0.61	544	0.63	<0.01	0.19
330975		17.1	3.06	4.69	0.06	0.06	0.05	0.042	0.08	17.0	18.0	0.33	562	0.98	<0.01	0.36
330976		18.1	3.27	4.89	0.07	0.07	0.04	0.035	0.05	16.9	19.5	0.45	545	1.03	<0.01	0.61
330977		10.3	2.27	5.20	0.05	0.03	0.05	0.043	0.04	15.5	24.0	0.38	770	0.75	0.01	0.29
330978		16.5	3.19	5.02	0.06	0.05	0.03	0.039	0.05	15.5	19.9	0.41	394	1.12	<0.01	0.49
330979		8.3	2.17	4.08	<0.05	0.02	0.03	0.015	0.05	13.4	10.7	0.22	194	1.05	<0.01	0.53
330980		8.7	3.24	4.49	0.05	0.02	0.02	0.023	0.05	14.8	18.6	0.30	300	1.29	<0.01	0.67
330981		42.7	3.27	3.97	0.08	0.06	0.03	0.053	0.12	23.2	18.0	0.55	1140	1.01	0.01	0.26
330982		35.8	2.48	3.67	0.09	0.06	0.02	0.025	0.11	30.4	17.5	0.59	367	0.67	<0.01	0.16
330983		36.8	2.67	3.71	0.08	0.07	0.03	0.030	0.13	24.5	16.0	0.58	719	0.62	0.01	0.22
330984		35.9	3.21	4.14	0.06	0.06	0.04	0.041	0.08	17.9	18.6	0.49	827	0.88	0.01	0.41
330985		23.5	3.86	5.46	0.07	0.06	0.02	0.048	0.12	17.6	24.3	0.90	1030	0.88	0.01	0.54

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 31-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104452

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
330966		25.8	450	18.7	16.4	<0.001	0.03	0.61	8.0	0.4	0.4	9.9	<0.01	0.03	9.4	0.009
330967		19.9	270	23.4	10.3	<0.001	0.01	0.51	2.1	0.2	0.4	7.0	<0.01	0.03	5.7	0.010
330968		24.6	240	12.7	26.1	<0.001	0.02	0.49	6.1	0.2	0.5	7.8	<0.01	0.04	5.8	0.031
330969		17.1	310	25.0	10.9	<0.001	0.02	0.51	2.9	0.3	0.3	6.6	<0.01	0.03	5.0	0.010
330970		17.7	260	20.8	9.8	<0.001	0.02	0.51	2.0	0.2	0.3	6.0	<0.01	0.04	5.7	0.010
330971		17.9	460	21.3	13.7	<0.001	0.03	0.49	4.8	0.5	0.4	11.8	0.01	0.04	4.3	0.010
330972		18.4	170	8.3	10.3	<0.001	0.03	0.59	1.9	0.2	0.2	3.1	<0.01	0.02	9.6	0.005
330973		17.9	350	8.1	12.9	<0.001	0.07	0.70	1.7	0.4	0.2	11.3	<0.01	0.03	5.5	<0.005
330974		20.4	160	9.2	11.7	<0.001	0.03	0.64	2.0	0.3	0.2	4.2	<0.01	0.03	11.0	<0.005
330975		12.7	190	23.4	14.2	<0.001	0.03	0.47	2.3	0.2	0.4	4.9	<0.01	0.04	6.6	0.006
330976		23.2	220	22.7	11.5	<0.001	0.02	0.51	3.9	0.2	0.5	8.6	<0.01	0.03	6.5	0.013
330977		12.6	590	20.3	14.4	<0.001	0.06	0.32	3.4	0.5	0.5	10.7	<0.01	0.03	1.8	0.009
330978		18.2	170	25.1	11.0	<0.001	0.02	0.56	2.5	0.2	0.5	5.7	<0.01	0.04	5.5	0.009
330979		8.1	190	13.3	16.9	<0.001	0.02	0.37	1.3	<0.2	0.4	6.2	<0.01	0.03	3.5	0.013
330980		11.4	190	18.6	17.6	<0.001	0.02	0.45	1.6	<0.2	0.4	6.9	<0.01	0.04	4.4	0.015
330981		22.7	280	14.8	13.2	<0.001	0.03	0.64	2.8	0.3	0.3	4.8	<0.01	0.04	9.8	0.007
330982		18.6	140	7.8	9.9	<0.001	0.02	0.60	1.6	0.2	0.2	2.5	<0.01	0.02	12.1	<0.005
330983		20.2	240	10.8	12.4	<0.001	0.03	0.61	2.4	0.3	0.3	4.4	<0.01	0.03	10.4	0.007
330984		18.7	380	21.6	13.4	<0.001	0.04	0.57	3.6	0.3	0.3	9.1	<0.01	0.04	6.1	0.009
330985		24.8	190	20.7	19.2	<0.001	0.02	0.69	4.6	0.2	0.5	6.3	<0.01	0.04	7.0	0.020

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 31-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104452

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
330966		0.09	1.86	31	0.16	20.20	66	1.3
330967		0.09	0.62	34	0.23	3.71	52	1.4
330968		0.10	0.61	44	0.15	5.48	60	1.2
330969		0.12	1.08	25	0.21	6.89	68	1.1
330970		0.12	0.67	27	0.24	3.15	57	1.0
330971		0.13	2.52	32	0.14	17.40	66	1.0
330972		0.09	0.49	14	0.06	4.00	31	1.6
330973		0.10	1.01	12	0.08	5.15	46	1.7
330974		0.10	0.79	13	0.06	5.54	33	1.8
330975		0.15	0.68	30	0.34	3.03	82	1.5
330976		0.15	0.93	38	0.24	6.92	75	1.8
330977		0.11	1.43	34	0.15	13.35	65	<0.5
330978		0.13	0.61	37	0.13	2.97	57	1.7
330979		0.08	0.37	35	0.16	1.84	47	0.5
330980		0.09	0.43	37	0.16	2.12	56	0.8
330981		0.13	0.98	20	0.12	8.18	58	1.3
330982		0.10	0.60	12	0.08	3.22	28	1.7
330983		0.09	0.61	15	0.10	5.21	41	1.8
330984		0.13	0.74	28	0.14	9.17	69	1.1
330985		0.14	0.64	42	0.16	3.58	86	1.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 30-OCT-2006
Account: EIA

CERTIFICATE VA06104451

Project: Werneckes

P.O. No.: FRG06-01

This report is for 149 Soil samples submitted to our lab in Vancouver, BC, Canada on 20-SEP-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
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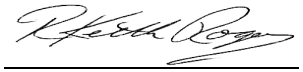
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 30-OCT-2006
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CERTIFICATE OF ANALYSIS VA06104451

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
331016		0.52	<0.005	0.08	1.35	6.5	<10	190	0.73	0.35	0.52	0.11	49.90	10.5	17	1.09
331017		0.36	<0.005	0.05	1.56	9.6	<10	220	0.63	0.41	0.34	0.14	38.00	10.9	18	0.99
331018		0.52	<0.005	0.12	1.34	9.6	<10	140	0.68	0.45	0.70	0.15	35.90	11.7	18	0.90
331019		0.52	<0.005	0.10	1.24	13.4	<10	150	0.59	0.43	0.32	0.13	41.80	10.2	16	0.90
331020		0.12	0.074	1.39	4.44	33	20	480	0.93	0.05	13.40	0.03	22.90	50.6	57	2.13
331021		0.60	<0.005	0.11	1.36	7.7	<10	160	0.67	0.43	2.46	0.11	42.20	11.3	16	0.90
331022		0.50	<0.005	0.04	1.52	10.4	<10	160	0.67	0.41	0.30	0.14	35.90	11.1	18	0.91
331023		0.60	<0.005	0.10	0.88	11.1	<10	90	0.90	0.51	4.76	0.12	33.60	13.1	10	1.02
331024		0.56	<0.005	0.27	1.50	18.0	<10	330	1.03	1.09	0.57	0.12	30.80	23.7	21	1.56
331025		0.46	<0.005	0.04	1.10	2.1	<10	80	0.45	0.50	1.92	0.06	83.40	18.7	11	0.95
331026		0.42	<0.005	0.03	1.51	4.4	<10	140	0.58	0.52	0.50	0.41	41.60	14.1	17	1.20
331027		0.48	<0.005	0.05	1.20	1.7	<10	60	0.48	0.62	0.53	0.09	95.70	21.0	13	0.82
331028		0.50	<0.005	0.03	1.19	1.3	<10	60	0.49	0.71	0.48	0.03	107.00	18.6	16	0.86
331029		0.40	<0.005	0.03	1.11	1.4	<10	40	0.42	0.63	0.40	0.06	95.30	17.0	15	0.91
331030		0.56	<0.005	0.05	1.10	1.8	<10	50	0.51	0.65	0.78	0.10	109.00	18.9	18	1.22
331031		0.42	<0.005	0.06	1.18	1.4	<10	60	0.43	0.53	5.11	0.08	79.00	19.1	13	0.94
331032		0.46	<0.005	0.03	1.54	11.9	<10	120	0.56	0.51	0.18	0.13	35.50	9.4	20	1.26
331033		0.38	<0.005	0.07	1.76	6.1	<10	170	0.44	0.33	0.51	0.13	30.70	5.7	20	0.85
331034		0.48	<0.005	0.07	1.23	8.2	<10	220	0.55	0.42	0.48	0.19	29.40	10.4	14	0.90
331035		0.38	<0.005	0.12	1.92	7.8	<10	330	1.28	0.45	0.95	0.36	56.40	12.0	21	0.98
331036		0.54	<0.005	0.04	1.29	8.0	<10	530	0.62	0.46	0.26	0.14	48.70	10.0	14	0.80
331037		0.50	<0.005	0.09	1.46	12.3	<10	250	0.79	0.61	0.91	0.13	40.90	13.4	16	1.21
331038		0.60	<0.005	0.12	0.99	14.0	<10	70	0.49	0.42	9.02	0.22	35.40	11.5	14	2.26
331039		0.48	<0.005	0.09	1.74	8.3	<10	170	0.75	0.38	0.42	0.16	32.90	8.7	20	1.22
331040		0.52	<0.005	0.29	1.78	8.8	<10	200	0.90	0.39	0.41	0.15	41.00	9.2	20	1.16
331041		0.50	<0.005	0.07	1.50	8.7	<10	220	0.60	0.40	0.41	0.34	32.30	9.5	17	0.98
331042		0.38	<0.005	0.11	1.56	11.2	<10	230	0.91	0.43	0.73	0.23	39.00	12.7	19	0.84
331043		0.50	<0.005	0.12	1.29	5.2	<10	210	0.73	0.37	0.99	0.14	65.00	7.8	15	0.97
331044		0.66	<0.005	0.16	1.24	8.0	<10	160	0.67	0.62	1.41	0.21	40.90	11.6	16	0.94
331045		0.56	<0.005	0.09	1.15	15.4	<10	150	1.25	1.41	0.55	0.04	31.80	28.5	13	0.72
331046		0.54	<0.005	0.04	1.49	8.6	<10	160	0.75	0.34	0.20	0.11	30.60	12.4	18	0.95
331047		0.54	<0.005	0.05	1.51	8.2	<10	280	0.73	0.38	0.40	0.13	30.80	10.0	17	0.98
331048		0.50	<0.005	0.05	1.57	4.8	<10	210	1.56	1.87	0.56	0.14	186.50	9.1	20	0.73
331049		0.50	<0.005	0.05	2.16	5.7	<10	760	1.06	0.56	0.27	0.16	62.30	10.0	16	1.99
331050		0.38	0.005	0.13	0.99	8.1	<10	180	0.75	0.45	1.76	0.24	33.10	9.5	12	0.92
331051		0.46	<0.005	0.02	0.88	1.2	<10	30	0.32	0.53	0.26	0.03	94.80	15.3	11	0.68
331052		0.46	<0.005	0.04	1.06	1.6	<10	40	0.34	0.60	0.34	0.05	82.50	16.4	13	0.66
331053		0.44	<0.005	0.05	1.24	2.6	<10	70	0.55	0.48	0.39	0.05	63.10	14.7	14	0.93
331054		0.52	<0.005	0.03	1.09	1.1	<10	40	0.42	0.53	1.53	0.06	75.70	16.1	11	0.80
331055		0.50	<0.005	0.03	1.10	1.1	<10	30	0.43	0.72	0.52	0.04	93.60	18.1	16	0.93

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 30-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104451

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
331016		24.9	2.50	3.83	0.09	0.07	0.05	0.028	0.12	24.3	17.1	0.72	502	0.42	0.01	0.33
331017		13.8	3.21	4.69	0.06	0.06	0.03	0.037	0.09	16.9	16.4	0.39	784	1.33	0.01	0.44
331018		27.7	3.01	3.94	0.08	0.07	0.07	0.043	0.09	18.6	18.6	0.59	1540	0.85	0.01	0.31
331019		43.6	3.03	3.71	0.08	0.06	0.09	0.034	0.12	21.2	14.0	0.63	852	0.91	0.01	0.28
331020		2500.0	12.55	14.35	0.32	0.21	0.03	0.513	0.40	14.9	28.9	2.31	2760	6.04	0.11	0.16
331021		48.5	2.53	4.00	0.08	0.08	0.06	0.037	0.15	22.1	18.6	1.83	528	0.49	0.01	0.23
331022		22.8	3.09	4.60	0.06	0.06	0.03	0.035	0.08	17.2	17.6	0.45	505	1.02	0.01	0.45
331023		51.2	2.37	2.41	0.07	0.03	0.03	0.029	0.11	16.6	13.8	2.24	1110	0.84	0.01	0.12
331024		264.0	3.63	4.79	0.07	0.04	0.04	0.036	0.09	15.9	35.1	0.71	859	1.44	0.01	0.31
331025		37.1	2.27	3.60	0.12	0.03	0.01	0.011	0.05	42.1	31.7	0.83	1625	0.65	0.01	0.20
331026		18.1	2.74	5.11	0.06	0.03	0.03	0.026	0.09	19.4	24.0	0.54	1400	1.26	0.01	0.50
331027		40.5	2.45	3.88	0.12	0.03	0.02	0.010	0.05	46.2	35.0	0.88	1215	0.64	0.01	0.21
331028		41.5	2.88	3.86	0.12	0.04	0.02	0.012	0.05	52.2	35.7	0.89	1180	0.69	0.01	0.21
331029		32.9	2.85	3.61	0.11	0.03	0.01	0.011	0.05	46.0	32.7	0.81	870	0.76	0.01	0.22
331030		44.6	3.36	3.74	0.13	0.04	0.02	0.013	0.07	55.6	31.9	0.81	1240	0.91	0.01	0.35
331031		45.0	2.33	3.65	0.10	0.03	0.02	0.011	0.06	41.7	33.8	0.84	1395	0.56	0.01	0.19
331032		18.3	3.83	5.12	0.06	0.05	0.03	0.039	0.06	17.7	24.7	0.31	279	1.33	<0.01	0.69
331033		7.0	2.44	6.95	0.06	0.04	0.03	0.033	0.03	15.1	14.5	0.32	383	1.06	0.01	0.57
331034		14.0	2.65	4.16	0.06	0.03	0.03	0.034	0.05	13.9	15.1	0.30	785	1.00	<0.01	0.43
331035		20.9	3.11	6.24	0.08	0.07	0.02	0.046	0.05	27.5	17.2	0.45	2020	1.05	0.01	0.59
331036		25.9	2.52	3.89	0.07	0.05	0.02	0.029	0.11	23.5	16.4	0.44	509	0.86	<0.01	0.27
331037		49.4	2.75	3.96	0.07	0.06	0.04	0.029	0.16	20.6	18.5	0.57	981	0.78	0.01	0.30
331038		58.1	2.57	2.86	0.07	0.07	0.05	0.028	0.11	18.5	18.2	0.55	772	0.79	0.01	0.30
331039		13.4	3.25	4.66	0.06	0.06	0.03	0.046	0.07	15.9	23.3	0.43	364	0.78	0.01	0.47
331040		15.7	3.34	4.52	0.07	0.07	0.04	0.045	0.08	19.7	22.1	0.47	491	0.73	0.01	0.44
331041		16.2	2.92	5.13	0.06	0.04	0.04	0.039	0.06	15.9	18.4	0.33	662	1.10	0.01	0.51
331042		28.7	3.22	4.34	0.06	0.07	0.07	0.040	0.10	19.9	20.1	0.50	1055	0.89	0.01	0.34
331043		43.0	2.04	3.77	0.09	0.07	0.06	0.032	0.14	32.7	15.9	0.66	352	0.43	0.01	0.22
331044		34.4	2.72	3.71	0.08	0.07	0.08	0.031	0.12	20.0	15.7	1.18	840	0.78	0.01	0.29
331045		75.0	3.21	3.38	0.06	0.04	0.04	0.027	0.08	16.2	17.4	0.46	1065	1.05	<0.01	0.19
331046		15.1	2.94	4.63	0.05	0.03	0.01	0.028	0.05	13.8	21.1	0.38	493	1.09	<0.01	0.46
331047		17.5	2.99	4.64	0.06	0.05	0.03	0.032	0.07	14.4	15.6	0.42	754	0.99	<0.01	0.37
331048		20.2	2.70	6.62	0.18	0.08	0.03	0.049	0.18	82.3	32.1	0.59	1590	0.72	<0.01	0.38
331049		8.9	2.78	6.30	0.06	0.03	0.04	0.051	0.08	23.9	31.7	0.50	558	0.74	<0.01	0.50
331050		38.1	2.13	3.26	0.08	0.06	0.06	0.029	0.07	26.2	14.2	0.42	878	0.73	0.01	0.29
331051		24.4	2.11	3.11	0.12	0.02	<0.01	0.007	0.04	45.2	25.8	0.66	780	0.64	<0.01	0.19
331052		24.5	2.27	3.51	0.11	0.02	0.02	0.008	0.04	37.9	29.9	0.74	871	0.60	<0.01	0.22
331053		30.8	2.22	3.93	0.09	0.02	0.03	0.014	0.05	31.7	28.8	0.69	616	0.59	<0.01	0.29
331054		37.1	1.97	3.50	0.11	0.02	0.01	0.007	0.04	36.9	29.6	0.78	866	0.50	<0.01	0.20
331055		50.2	2.88	3.73	0.12	0.03	0.01	0.008	0.05	45.8	32.4	0.81	745	0.57	<0.01	0.23

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06104451

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
331016		22.2	300	15.4	14.2	0.001	0.02	0.44	3.4	0.5	0.3	5.6	<0.01	0.03	8.7	0.011
331017		16.2	210	23.6	12.5	0.001	0.02	0.41	3.0	0.3	0.4	9.3	<0.01	0.03	5.8	0.008
331018		20.9	560	21.4	11.6	<0.001	0.05	0.56	5.3	0.8	0.3	10.5	0.01	0.04	5.0	0.010
331019		20.3	290	16.5	11.9	<0.001	0.03	0.61	4.0	0.5	0.3	5.8	<0.01	0.03	6.4	0.012
331020		35.8	1680	4.4	18.1	0.001	0.21	5.13	11.2	1.3	1.0	283.0	0.01	0.02	2.4	0.209
331021		21.5	390	12.8	13.3	<0.001	0.02	0.43	4.2	0.4	0.3	11.8	<0.01	0.03	8.4	0.010
331022		17.8	190	24.3	10.8	<0.001	0.02	0.44	3.2	0.3	0.4	7.7	<0.01	0.03	6.0	0.008
331023		20.8	400	9.1	10.2	0.001	0.03	0.43	3.1	0.4	0.2	23.8	<0.01	0.05	16.4	0.006
331024		30.5	460	15.3	16.0	<0.001	0.04	0.47	4.1	0.6	0.3	11.0	<0.01	0.06	7.3	0.013
331025		25.6	620	7.3	8.3	<0.001	0.03	0.12	1.5	0.5	<0.2	25.3	<0.01	0.04	14.5	0.010
331026		18.6	340	19.9	18.0	<0.001	0.03	0.29	2.5	0.3	0.4	12.8	0.01	0.04	6.4	0.011
331027		28.1	720	9.0	7.8	0.001	0.03	0.15	1.5	0.5	<0.2	21.8	<0.01	0.05	16.5	0.010
331028		28.6	800	6.8	8.0	<0.001	0.03	0.12	1.6	0.5	<0.2	19.7	<0.01	0.05	18.8	0.010
331029		26.5	660	8.1	8.7	<0.001	0.04	0.14	1.6	0.5	<0.2	17.1	<0.01	0.04	16.4	0.010
331030		26.6	790	11.1	11.7	<0.001	0.04	0.19	1.9	0.6	<0.2	23.1	<0.01	0.05	16.9	0.014
331031		27.7	560	6.2	9.8	<0.001	0.06	0.12	2.0	0.6	<0.2	54.0	<0.01	0.04	12.3	0.008
331032		16.2	230	25.8	11.8	<0.001	0.02	0.52	2.5	0.3	0.5	7.3	<0.01	0.04	5.8	0.011
331033		9.3	140	19.9	5.9	<0.001	0.02	0.27	3.6	0.2	0.8	9.9	<0.01	0.03	4.8	0.011
331034		11.8	270	23.6	9.5	<0.001	0.02	0.33	2.4	0.3	0.4	8.3	<0.01	0.03	3.6	0.007
331035		20.9	290	30.4	10.5	<0.001	0.03	0.49	5.0	0.6	0.6	15.2	<0.01	0.04	4.6	0.010
331036		14.9	170	15.2	14.8	<0.001	0.02	0.44	2.2	0.3	0.3	8.5	<0.01	0.02	7.2	<0.005
331037		20.9	370	13.7	18.4	<0.001	0.05	0.67	2.8	0.5	0.3	10.6	<0.01	0.04	5.9	0.008
331038		19.9	540	21.4	27.3	<0.001	0.03	0.89	3.2	0.4	0.2	40.1	<0.01	0.04	8.2	0.013
331039		17.8	330	21.3	12.7	<0.001	0.03	0.39	3.8	0.4	0.4	8.4	<0.01	0.03	5.6	0.008
331040		20.0	320	20.8	13.2	<0.001	0.02	0.42	4.8	0.5	0.4	8.5	<0.01	0.03	7.0	0.007
331041		13.9	290	23.8	9.1	<0.001	0.02	0.43	3.3	0.5	0.5	9.5	<0.01	0.04	4.3	0.008
331042		21.3	460	25.5	12.4	<0.001	0.04	0.48	4.5	0.7	0.4	10.9	<0.01	0.04	4.0	0.008
331043		18.7	560	16.8	12.3	0.001	0.05	0.55	3.6	0.6	0.3	9.3	<0.01	0.04	5.1	0.008
331044		21.8	530	18.6	11.3	<0.001	0.02	0.57	4.2	0.6	0.3	9.8	<0.01	0.28	7.7	0.013
331045		24.2	280	11.5	13.4	<0.001	0.04	0.39	3.9	0.5	0.3	6.4	<0.01	0.04	8.9	0.005
331046		17.9	160	21.9	12.0	<0.001	0.01	0.37	2.3	0.2	0.4	6.7	<0.01	0.02	4.6	0.007
331047		16.6	260	21.6	13.7	<0.001	0.02	0.37	3.2	0.3	0.4	9.4	<0.01	0.02	4.6	0.007
331048		20.0	280	14.9	29.5	<0.001	0.03	0.51	7.2	1.0	0.8	13.1	0.01	0.02	19.1	0.008
331049		16.7	320	12.0	19.5	<0.001	0.02	0.41	3.3	0.4	0.6	9.2	<0.01	0.05	9.5	0.005
331050		14.7	600	15.7	11.4	<0.001	0.08	0.61	2.7	0.8	0.2	17.6	0.01	0.03	2.5	0.008
331051		21.0	830	6.0	4.9	<0.001	0.01	0.09	1.1	0.3	<0.2	12.9	<0.01	0.03	14.5	0.010
331052		23.3	440	7.5	7.6	<0.001	0.02	0.11	1.4	0.3	<0.2	12.3	<0.01	0.05	12.6	0.009
331053		23.8	430	10.6	10.2	<0.001	0.03	0.15	2.0	0.4	0.2	14.9	<0.01	0.03	9.2	0.010
331054		24.9	480	5.8	6.7	<0.001	0.03	0.09	1.3	0.4	<0.2	16.5	<0.01	0.03	13.4	0.006
331055		25.9	790	6.5	6.9	<0.001	0.02	0.11	1.4	0.4	<0.2	19.1	<0.01	0.05	16.5	0.009

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
331016		0.12	0.68	23	0.12	8.17	50	1.8
331017		0.13	0.71	36	0.12	3.51	54	1.6
331018		0.11	2.08	27	0.13	16.40	80	1.1
331019		0.10	1.29	24	0.12	8.99	69	1.4
331020		0.10	3.79	122	10.85	17.20	151	10.2
331021		0.10	0.47	22	0.14	8.67	62	2.5
331022		0.12	0.76	34	0.13	4.81	74	1.8
331023		0.06	1.11	12	0.08	6.98	40	0.9
331024		0.09	3.09	34	0.10	6.33	61	0.8
331025		0.07	1.52	9	0.07	8.17	101	<0.5
331026		0.15	1.07	32	0.11	3.80	149	0.6
331027		0.07	2.81	10	0.05	9.40	111	0.5
331028		0.08	1.71	11	<0.05	10.65	103	0.5
331029		0.07	2.14	12	<0.05	8.80	108	0.5
331030		0.10	2.48	15	0.05	12.55	107	0.5
331031		0.08	1.90	9	<0.05	9.72	110	0.5
331032		0.13	0.71	42	0.13	2.85	52	1.6
331033		0.15	0.52	55	0.18	2.99	48	1.2
331034		0.09	0.71	33	0.15	3.52	66	0.8
331035		0.11	0.88	47	0.15	12.30	73	1.3
331036		0.09	0.76	20	0.12	3.46	46	1.3
331037		0.12	1.74	18	0.10	7.18	52	1.2
331038		0.10	1.10	18	0.08	7.60	82	1.6
331039		0.14	0.81	35	0.16	5.61	71	1.5
331040		0.15	1.00	33	0.12	9.01	70	1.7
331041		0.13	0.76	41	0.19	4.86	67	1.1
331042		0.12	0.71	31	0.11	13.35	114	1.3
331043		0.08	1.00	19	0.13	12.00	77	1.6
331044		0.09	0.47	23	0.13	10.10	83	2.0
331045		0.06	1.03	22	0.10	8.20	32	1.0
331046		0.09	0.50	36	0.10	2.53	62	1.4
331047		0.09	0.77	34	0.12	4.77	54	1.2
331048		0.12	1.60	30	0.46	29.90	63	1.2
331049		0.16	1.50	29	0.22	6.69	45	0.8
331050		0.08	1.29	20	0.11	16.35	82	1.2
331051		0.04	1.39	8	<0.05	8.50	86	<0.5
331052		0.04	1.74	10	0.05	7.38	86	<0.5
331053		0.07	2.14	15	0.05	7.81	92	0.5
331054		0.04	2.36	8	0.05	8.45	93	<0.5
331055		0.06	1.58	11	<0.05	10.45	100	0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
331056		0.48	<0.005	0.02	1.02	1.1	<10	30	0.33	0.64	0.39	0.02	88.90	14.4	15	0.64
331057		0.44	<0.005	0.02	1.04	1.1	<10	20	0.33	0.63	0.34	0.02	88.00	15.2	14	0.50
331058		0.50	<0.005	0.13	1.07	7.4	<10	160	0.60	0.31	1.51	0.31	36.20	10.3	14	0.69
331059		0.50	0.005	0.23	1.41	25.3	<10	220	0.84	0.35	0.42	0.31	39.10	12.7	18	0.76
331060		0.50	<0.005	0.10	1.35	24.3	<10	220	0.82	0.35	0.37	0.27	37.80	11.9	17	0.73
331061		0.48	<0.005	0.04	1.69	8.7	<10	250	0.74	0.34	0.27	0.20	35.30	11.2	19	1.07
331062		0.44	0.016	0.12	0.92	8.1	<10	200	0.65	0.47	1.46	0.19	26.90	13.4	14	0.67
331063		0.34	<0.005	0.11	0.91	6.5	<10	210	0.51	0.49	2.03	0.11	21.20	12.0	12	0.59
331064		0.54	<0.005	0.05	1.71	9.6	<10	180	1.08	0.38	0.31	0.18	64.30	11.8	20	1.22
331065		0.42	<0.005	0.08	1.71	9.2	<10	50	0.41	0.32	0.11	0.10	22.80	6.6	18	1.38
331066		0.40	0.049	0.03	1.12	4.3	<10	90	0.83	0.18	1.12	0.17	86.10	6.5	17	1.04
331067		0.52	<0.005	0.35	1.19	17.8	<10	180	1.14	2.10	1.49	0.50	89.70	24.7	11	1.27
331068		0.50	<0.005	0.01	0.64	3.6	<10	40	0.72	0.03	0.55	0.05	29.20	6.9	25	0.71
331069		0.48	<0.005	0.03	1.01	4.2	<10	90	0.61	0.15	0.62	0.16	30.50	8.9	31	1.16
331070		0.50	<0.005	0.01	1.19	2.8	<10	30	0.78	0.09	0.19	0.13	33.10	9.2	32	1.18
331071		0.50	<0.005	0.22	1.52	14.5	<10	320	1.26	0.26	0.71	0.05	49.70	56.0	40	1.98
331072		0.46	<0.005	0.02	1.68	8.6	<10	220	0.68	0.29	0.39	0.16	27.90	9.7	21	0.94
331073		0.50	<0.005	0.03	1.49	9.9	<10	170	0.67	0.33	0.26	0.08	31.40	10.4	19	0.94
331074		0.38	<0.005	0.11	0.97	6.6	<10	210	0.61	0.27	2.01	0.19	25.40	8.8	12	0.70
331075		0.50	<0.005	0.02	2.18	10.2	<10	120	0.88	0.31	0.29	0.11	47.40	11.2	25	1.13
331076		0.56	<0.005	0.16	1.20	8.2	<10	150	0.66	0.35	0.79	0.31	35.60	10.8	19	0.71
331077		0.54	<0.005	0.02	1.71	10.1	<10	180	0.72	0.32	0.19	0.16	30.60	12.5	21	1.00
331078		0.52	<0.005	0.02	1.07	7.7	<10	120	0.29	0.29	0.14	0.16	30.90	6.2	13	0.89
331079		0.50	<0.005	0.21	1.57	9.9	<10	230	0.84	0.39	0.65	0.40	34.30	9.6	18	0.98
331080		0.10	NSS	1.40	3.97	34	10	440	0.84	0.07	12.95	0.03	21.90	49.0	56	2.01
331081		0.40	<0.005	0.08	2.09	10.2	<10	340	1.06	0.40	0.57	0.30	35.20	13.4	23	1.36
331082		0.32	<0.005	0.12	0.92	5.8	<10	190	0.60	0.24	1.50	0.35	26.10	7.8	12	0.81
331083		0.46	<0.005	0.03	1.89	11.4	<10	190	0.77	0.32	0.26	0.13	35.30	11.8	23	0.93
331084		0.36	0.006	0.15	1.94	10.0	<10	80	0.83	0.39	0.43	0.24	19.15	8.0	20	1.63
331085		0.44	<0.005	0.03	1.46	9.5	<10	170	0.50	0.39	0.16	0.10	39.80	9.6	18	1.19
331086		0.48	<0.005	0.11	1.54	10.6	<10	220	0.92	0.41	0.61	0.24	44.90	11.7	19	0.91
331087		0.56	<0.005	0.08	1.33	13.4	<10	160	0.62	0.51	0.41	0.12	43.70	10.9	15	0.90
331088		0.44	<0.005	0.06	1.40	11.3	10	170	0.69	0.50	1.29	0.15	49.60	11.6	15	1.12
331089		0.48	<0.005	0.12	1.24	9.5	10	200	0.79	0.38	1.24	0.29	37.50	11.4	15	0.85
331090		0.54	<0.005	0.11	1.25	9.7	<10	180	0.76	0.42	0.80	0.19	39.50	10.6	16	0.97
331091		0.32	0.007	0.08	0.47	4.6	10	160	0.31	0.12	4.46	0.26	7.28	4.3	6	0.37
331092		0.40	<0.005	0.03	1.53	8.2	<10	160	0.65	0.42	0.35	0.26	38.10	9.9	19	0.81
331093		0.50	<0.005	0.11	1.12	6.9	<10	180	0.66	0.34	0.98	0.31	33.40	9.3	14	0.83
331094		0.50	<0.005	0.09	1.28	6.6	<10	160	0.75	0.41	0.58	0.11	41.00	10.3	16	0.88
331095		0.44	<0.005	0.09	1.27	9.2	<10	190	0.69	0.37	0.87	0.53	25.10	9.9	16	0.85

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 30-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104451

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
331056		26.3	2.66	3.38	0.11	0.02	0.02	0.009	0.04	47.1	30.2	0.73	966	0.85	<0.01	0.21
331057		31.6	2.64	3.55	0.12	0.02	0.01	0.009	0.03	42.0	30.8	0.76	941	0.88	<0.01	0.20
331058		32.0	2.45	3.20	0.06	0.06	0.06	0.029	0.10	17.6	14.5	0.85	757	0.73	0.01	0.26
331059		18.1	3.79	4.18	0.07	0.06	0.06	0.038	0.08	17.8	21.3	0.48	1300	0.94	0.01	0.31
331060		16.7	3.72	3.95	0.06	0.06	0.05	0.038	0.08	17.0	19.5	0.45	1220	0.94	<0.01	0.33
331061		12.1	3.32	4.81	0.06	0.06	0.02	0.037	0.07	15.3	20.5	0.42	717	1.00	<0.01	0.40
331062		60.4	2.34	3.03	0.05	0.05	0.05	0.032	0.06	12.9	15.8	0.44	656	1.33	0.01	0.25
331063		14.6	2.18	2.67	0.06	0.06	0.09	0.030	0.05	10.8	11.6	0.40	678	1.06	0.01	0.24
331064		19.3	3.48	4.35	0.08	0.06	0.03	0.044	0.09	22.1	18.6	0.53	1185	0.81	<0.01	0.35
331065		11.1	3.23	6.38	0.05	0.04	0.02	0.024	0.05	11.0	27.2	0.29	132	1.51	<0.01	0.64
331066		8.0	1.90	4.84	0.09	0.04	0.03	0.019	0.11	34.9	21.9	0.50	1800	0.75	0.01	0.15
331067		17.8	2.97	3.63	0.10	0.07	0.06	0.074	0.09	33.9	24.5	0.46	3850	1.53	0.01	0.24
331068		2.7	1.75	4.12	0.06	<0.02	0.02	0.012	0.02	12.9	8.9	0.72	1195	0.20	0.01	0.07
331069		7.5	1.98	4.80	0.06	0.02	0.04	0.023	0.06	13.9	14.2	0.62	886	0.81	0.01	0.18
331070		3.0	2.26	5.03	0.06	0.02	0.01	0.022	0.03	12.1	16.1	0.46	268	0.41	<0.01	0.27
331071		173.0	3.19	7.02	0.09	0.04	0.03	0.032	0.08	24.6	24.3	0.96	785	1.38	0.01	1.03
331072		18.4	3.11	5.01	0.06	0.04	0.01	0.026	0.05	12.6	21.3	0.43	281	1.14	<0.01	0.47
331073		12.2	3.17	4.39	0.06	0.05	0.02	0.028	0.05	14.4	20.6	0.42	416	1.10	<0.01	0.43
331074		22.5	2.10	2.64	0.05	0.06	0.07	0.024	0.08	13.3	12.3	0.56	782	0.84	0.01	0.22
331075		13.4	3.35	6.47	0.08	0.07	0.02	0.035	0.04	19.2	19.5	0.45	524	1.24	<0.01	0.49
331076		33.7	2.86	3.58	0.06	0.09	0.09	0.032	0.08	17.1	20.3	0.67	435	1.18	0.01	0.41
331077		13.6	3.22	4.73	0.06	0.07	0.02	0.031	0.05	13.2	22.7	0.42	424	1.28	<0.01	0.43
331078		9.3	2.69	4.21	0.05	0.04	0.01	0.019	0.04	14.8	17.7	0.26	176	1.20	<0.01	0.44
331079		16.6	3.25	4.72	0.07	0.07	0.02	0.042	0.06	16.1	21.5	0.42	516	1.09	0.01	0.39
331080		2550.0	11.90	14.25	0.27	0.34	0.01	0.482	0.39	13.9	30.4	2.25	2680	5.79	0.11	0.12
331081		14.3	3.54	6.33	0.07	0.10	0.03	0.044	0.07	17.0	22.7	0.43	1410	1.07	0.01	0.38
331082		22.3	1.91	2.68	0.07	0.09	0.08	0.023	0.05	19.3	13.1	0.37	677	0.70	0.01	0.24
331083		15.1	3.45	5.55	0.07	0.08	0.02	0.037	0.07	16.2	25.3	0.50	491	1.23	0.01	0.38
331084		14.7	3.58	6.54	0.05	0.05	0.04	0.037	0.06	9.5	23.3	0.37	240	1.89	0.01	0.53
331085		14.0	2.97	4.65	0.07	0.06	0.01	0.032	0.05	19.0	18.4	0.35	342	1.07	0.01	0.44
331086		25.4	3.22	4.58	0.09	0.09	0.02	0.040	0.09	23.0	19.9	0.52	751	0.94	0.01	0.37
331087		32.7	2.69	3.69	0.08	0.08	0.02	0.032	0.13	21.8	16.9	0.54	754	0.79	<0.01	0.22
331088		37.2	2.72	4.01	0.09	0.09	0.03	0.033	0.19	23.5	16.9	1.15	793	0.74	0.01	0.22
331089		35.2	2.63	3.45	0.09	0.08	0.06	0.034	0.12	19.0	15.2	0.60	1115	0.84	0.01	0.22
331090		22.0	2.73	3.68	0.08	0.07	0.03	0.033	0.09	19.4	18.3	0.50	650	0.78	0.01	0.25
331091		18.3	0.97	1.24	<0.05	0.07	0.05	0.013	0.03	3.5	5.2	0.48	402	0.75	0.02	0.13
331092		11.1	3.18	5.02	0.07	0.05	0.01	0.034	0.12	18.2	23.4	0.43	692	1.17	0.01	0.46
331093		28.7	2.33	3.18	0.07	0.09	0.04	0.029	0.10	17.0	15.0	0.48	617	0.64	0.01	0.26
331094		25.9	2.46	3.68	0.08	0.10	0.04	0.030	0.09	20.9	18.7	0.50	351	0.50	0.01	0.33
331095		18.2	2.96	3.99	0.06	0.07	0.03	0.035	0.07	12.2	18.1	0.46	730	1.03	0.01	0.34

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 30-OCT-2006
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CERTIFICATE OF ANALYSIS VA06104451

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
331056		24.6	310	5.1	7.5	<0.001	0.03	0.10	1.4	0.4	<0.2	14.0	<0.01	0.04	15.5	0.007
331057		23.9	260	4.9	5.6	<0.001	0.03	0.10	1.3	0.4	<0.2	11.7	<0.01	0.04	15.0	0.006
331058		18.6	590	20.0	9.4	<0.001	0.05	0.60	2.8	0.5	0.2	12.8	<0.01	0.02	3.3	0.009
331059		22.4	300	45.9	12.1	<0.001	0.03	0.70	4.6	0.5	0.3	7.8	<0.01	0.03	5.9	0.007
331060		19.6	270	39.7	12.2	<0.001	0.03	0.61	4.4	0.4	0.3	7.3	<0.01	0.02	6.0	0.007
331061		16.6	200	26.9	12.8	<0.001	0.02	0.38	3.1	0.2	0.5	6.9	<0.01	0.03	5.4	0.006
331062		20.2	760	14.6	8.5	<0.001	0.07	0.49	4.7	0.8	0.2	15.7	<0.01	0.09	2.7	0.008
331063		11.2	690	18.6	7.2	0.001	0.11	0.45	2.7	0.8	0.2	22.2	<0.01	0.03	1.7	0.006
331064		23.4	230	23.9	14.2	<0.001	0.02	0.48	5.2	0.5	0.4	6.6	<0.01	0.03	8.6	0.008
331065		13.8	180	16.8	13.3	<0.001	0.02	0.57	2.5	0.2	0.7	5.1	<0.01	0.03	3.6	0.010
331066		18.3	330	11.2	23.7	<0.001	0.03	0.36	5.7	0.6	0.3	13.0	<0.01	0.01	10.4	0.010
331067		23.1	660	17.7	16.9	<0.001	0.09	0.42	4.5	1.1	0.2	23.9	0.01	0.05	8.0	0.005
331068		34.9	750	3.0	7.6	0.001	0.03	0.12	8.3	0.5	0.8	5.8	<0.01	<0.01	7.1	0.077
331069		26.5	510	11.2	26.9	<0.001	0.03	0.25	6.4	0.5	0.7	9.1	<0.01	0.02	4.0	0.053
331070		28.0	270	9.0	11.9	<0.001	0.01	0.27	5.6	0.3	0.9	3.6	<0.01	0.01	9.8	0.082
331071		39.5	560	11.7	25.9	<0.001	0.03	0.37	9.0	0.8	0.9	11.3	<0.01	0.09	6.7	0.071
331072		19.4	190	24.0	9.5	<0.001	0.02	0.36	2.8	0.2	0.5	8.8	<0.01	0.03	4.0	0.007
331073		16.7	180	27.5	10.3	<0.001	0.01	0.36	2.9	0.3	0.4	7.5	<0.01	0.02	4.8	0.008
331074		14.9	550	16.9	11.1	<0.001	0.08	0.62	2.5	0.7	0.2	16.1	<0.01	0.03	2.4	0.007
331075		20.7	120	27.2	10.1	<0.001	0.01	0.42	4.6	0.4	0.7	8.9	<0.01	0.04	5.8	0.008
331076		21.9	590	26.1	9.9	<0.001	0.03	0.60	4.1	0.9	0.3	12.9	<0.01	0.02	6.0	0.012
331077		21.8	130	28.7	10.7	<0.001	0.01	0.45	2.7	0.2	0.5	7.4	<0.01	0.03	4.9	0.007
331078		11.6	110	19.8	8.9	<0.001	0.01	0.43	1.8	0.2	0.4	5.5	<0.01	0.02	4.3	0.009
331079		16.2	350	30.5	8.8	<0.001	0.03	0.72	3.5	0.6	0.5	12.0	<0.01	0.05	4.3	0.007
331080		34.0	1540	4.6	16.8	0.001	0.18	5.52	10.7	0.5	0.9	272.0	0.01	0.03	2.4	0.189
331081		18.2	300	37.0	11.7	<0.001	0.02	0.59	4.7	0.7	0.7	13.6	<0.01	0.06	4.7	0.008
331082		13.7	640	18.4	8.3	<0.001	0.09	0.55	2.3	1.1	0.3	15.5	0.01	0.04	2.4	0.007
331083		21.8	180	27.9	14.0	<0.001	0.01	0.73	3.6	0.5	0.6	8.8	<0.01	0.04	5.3	0.008
331084		16.9	640	32.3	12.4	<0.001	0.06	0.93	2.8	0.6	0.7	9.3	<0.01	0.06	2.7	0.008
331085		14.7	130	25.1	12.5	<0.001	0.01	0.55	2.3	0.3	0.5	7.3	<0.01	0.04	6.0	0.011
331086		21.0	240	24.9	12.5	<0.001	0.02	0.73	4.3	0.7	0.4	10.7	<0.01	0.05	6.9	0.010
331087		18.9	200	13.5	12.5	<0.001	0.02	0.69	2.7	0.6	0.3	6.0	<0.01	0.04	8.1	0.007
331088		20.1	240	15.3	15.3	<0.001	0.02	0.78	3.2	0.6	0.3	8.4	<0.01	0.03	8.8	0.009
331089		19.2	530	18.8	11.7	<0.001	0.07	0.75	2.5	1.0	0.3	12.6	<0.01	0.04	2.5	0.008
331090		17.7	530	22.9	11.2	<0.001	0.04	0.61	2.6	0.8	0.3	10.5	<0.01	0.04	3.0	0.009
331091		8.4	800	12.0	4.7	<0.001	0.16	0.55	0.9	1.3	<0.2	34.9	<0.01	0.04	0.5	<0.005
331092		16.0	200	25.1	20.7	<0.001	0.01	0.49	3.2	0.4	0.5	8.9	<0.01	0.04	6.1	0.010
331093		16.5	500	18.7	10.9	<0.001	0.05	0.57	2.5	0.9	0.3	11.4	<0.01	0.04	3.3	0.008
331094		18.9	300	19.1	11.4	<0.001	0.03	0.50	3.0	0.7	0.3	8.7	<0.01	0.03	6.4	0.007
331095		16.3	510	28.1	14.2	<0.001	0.04	0.66	2.8	0.7	0.4	12.6	<0.01	0.05	2.4	0.009

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 30-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104451

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
331056		0.04	2.55	10	<0.05	9.89	85	<0.5
331057		0.03	2.11	10	0.22	7.60	84	<0.5
331058		0.07	0.81	22	0.10	7.95	104	1.5
331059		0.22	0.90	31	0.11	10.30	86	1.4
331060		0.20	0.92	30	0.12	9.27	78	1.6
331061		0.10	0.65	40	0.10	3.90	85	1.8
331062		0.05	3.21	24	0.19	15.25	71	1.1
331063		0.05	1.20	20	0.20	11.25	49	1.1
331064		0.11	1.07	32	0.12	11.05	62	1.7
331065		0.13	0.49	48	0.25	1.83	52	1.3
331066		0.11	1.36	28	0.07	17.10	34	0.6
331067		0.14	2.19	18	0.12	30.20	86	0.8
331068		0.03	0.77	39	<0.05	16.15	12	<0.5
331069		0.06	1.23	45	0.08	10.90	43	<0.5
331070		0.04	0.56	66	0.05	6.59	31	0.7
331071		0.11	1.17	53	0.10	16.50	33	0.8
331072		0.09	0.50	40	0.19	2.91	75	1.5
331073		0.09	0.69	36	0.10	4.32	79	1.7
331074		0.05	3.01	19	0.09	9.74	70	1.4
331075		0.13	0.69	51	0.11	5.36	82	2.4
331076		0.08	0.80	30	0.12	11.05	130	2.5
331077		0.10	0.60	39	0.09	3.30	88	2.4
331078		0.07	0.41	36	0.10	2.08	70	1.6
331079		0.13	0.81	39	0.12	7.08	94	1.3
331080		0.09	3.60	118	10.20	18.00	143	20.3
331081		0.16	0.96	54	0.11	8.85	100	1.8
331082		0.08	0.76	22	0.07	10.75	69	1.6
331083		0.13	0.63	45	0.13	4.11	90	2.0
331084		0.16	0.69	61	0.14	3.18	81	0.9
331085		0.12	0.61	39	0.12	2.77	52	1.8
331086		0.11	0.79	32	0.14	10.60	64	1.6
331087		0.10	0.67	18	0.10	6.10	55	1.4
331088		0.12	0.59	19	0.11	6.54	63	1.8
331089		0.12	1.00	21	0.12	10.95	68	1.3
331090		0.10	0.77	25	0.22	7.99	74	1.1
331091		0.05	2.78	11	<0.05	3.22	82	1.3
331092		0.12	0.57	39	0.10	4.20	132	1.2
331093		0.10	1.12	20	0.08	8.52	96	1.5
331094		0.09	0.78	23	0.10	8.75	64	1.7
331095		0.10	0.77	34	0.08	4.79	159	1.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 30-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104451

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
331096		0.40	<0.005	0.14	1.06	7.9	10	250	0.65	0.28	2.02	0.49	21.20	9.5	13	0.74
331097		0.40	<0.005	0.15	1.21	8.2	10	250	0.70	0.29	1.55	0.23	26.20	8.7	16	0.90
331098		0.50	<0.005	0.12	1.29	9.0	<10	190	0.75	0.36	1.73	0.23	39.00	11.0	15	0.96
331099		0.48	<0.005	0.12	1.41	10.3	<10	260	0.81	0.38	0.81	0.33	40.60	12.2	18	0.89
331100		0.50	<0.005	0.13	1.40	10.2	<10	260	0.84	0.36	0.91	0.32	40.90	12.2	18	0.88
331101		0.46	<0.005	0.03	2.45	9.9	<10	340	0.69	0.43	0.24	0.25	38.60	17.7	25	1.51
331102		0.56	<0.005	0.05	1.70	9.8	<10	200	0.64	0.34	0.22	0.12	37.10	11.4	21	1.24
331103		0.34	<0.005	0.15	1.55	8.2	10	210	0.87	0.42	1.69	0.25	49.10	14.8	20	1.58
331104		0.42	<0.005	0.06	1.79	10.4	<10	210	1.17	0.46	0.19	1.06	43.30	13.8	21	2.64
331105		0.40	<0.005	0.07	1.78	8.4	<10	250	1.16	0.46	0.68	0.63	74.00	12.5	18	1.73
331106		0.48	<0.005	0.04	1.77	10.9	<10	120	0.59	0.35	0.22	0.24	32.30	12.6	22	1.42
331107		0.52	<0.005	0.13	2.46	11.0	<10	350	0.91	0.40	0.40	0.40	35.80	17.1	25	1.39
331108		0.44	<0.005	0.23	1.21	52.1	<10	300	0.80	0.92	1.56	0.62	36.10	26.8	15	0.95
331109		0.48	<0.005	0.06	1.72	13.9	<10	170	1.08	0.50	0.42	0.34	43.80	16.4	20	1.16
331110		0.38	<0.005	0.07	1.31	10.2	10	210	0.76	0.33	1.01	0.70	29.40	11.4	16	0.80
331111		0.48	<0.005	0.14	1.34	11.3	<10	260	0.78	0.39	1.03	0.34	29.60	12.2	17	0.72
331112		0.46	<0.005	0.10	1.51	4.0	<10	80	0.58	0.44	0.62	0.09	67.10	18.1	34	1.51
331113		0.56	<0.005	0.11	1.30	6.5	<10	100	0.52	0.41	0.62	0.11	52.50	15.9	29	1.48
331114		0.46	<0.005	0.08	1.29	4.7	<10	130	0.53	0.43	1.03	0.12	59.90	21.2	22	1.29
331115		0.54	<0.005	0.04	0.92	2.8	<10	60	0.41	0.54	0.86	0.06	89.50	16.7	13	0.76
331116		0.50	<0.005	0.02	1.02	1.5	<10	40	0.45	0.60	0.52	0.03	90.30	15.7	12	0.58
331117		0.44	<0.005	0.03	1.05	1.3	<10	40	0.42	0.50	0.62	0.03	67.90	13.6	12	0.82
331118		0.44	<0.005	0.06	1.27	3.8	<10	70	0.49	0.42	0.82	0.05	55.90	14.6	24	1.41
331119		0.42	0.008	0.04	1.07	1.2	<10	60	0.49	0.48	0.72	0.04	66.20	12.2	14	0.83
331120		0.48	<0.005	0.05	1.09	1.0	<10	70	0.44	0.50	0.54	0.05	76.60	13.0	14	0.85
331121		0.46	<0.005	0.04	1.69	10.7	<10	60	0.56	0.27	0.18	0.11	24.80	9.6	21	1.12
331122		0.36	<0.005	0.05	1.86	10.5	<10	180	0.90	0.37	0.49	0.26	29.80	12.6	22	1.08
331123		0.38	0.005	0.11	0.92	6.3	10	300	0.61	0.23	2.00	0.27	32.30	8.2	12	0.93
331124		0.48	0.007	0.13	0.97	9.2	<10	140	0.71	0.28	3.23	0.31	35.30	10.5	13	0.84
331125		0.48	<0.005	0.44	2.06	13.1	10	1210	0.93	0.34	4.26	1.45	100.50	45.6	24	2.32
331126		0.40	0.006	0.11	1.38	26.6	10	340	1.02	0.59	1.69	0.49	121.00	24.9	16	1.15
331127		0.48	<0.005	0.11	1.33	11.8	10	200	0.93	0.33	2.05	0.48	30.40	12.3	16	0.43
331128		0.52	<0.005	0.08	1.43	10.2	<10	120	0.74	0.74	0.27	0.10	52.70	16.6	16	1.23
331129		0.52	<0.005	0.07	1.25	9.3	<10	80	0.55	0.74	0.23	0.02	68.40	14.2	15	1.66
331130		0.54	0.005	0.09	0.99	6.2	<10	70	0.50	0.60	0.31	0.09	75.60	12.6	14	1.58
331131		0.54	<0.005	0.14	1.23	11.9	<10	110	0.58	0.75	0.30	0.14	79.20	23.3	16	1.69
331132		0.52	<0.005	0.03	1.26	9.2	<10	100	0.64	0.44	0.21	0.05	39.80	10.3	17	0.99
331133		0.46	<0.005	0.08	2.01	5.2	<10	350	0.87	0.12	1.17	0.05	12.15	37.4	111	2.22
331134		0.46	<0.005	0.03	2.42	15.3	<10	40	1.83	0.11	0.15	0.25	177.00	9.1	33	2.72
331135		0.56	<0.005	0.06	1.48	10.5	<10	130	0.80	0.53	0.19	0.20	58.90	13.9	22	2.54

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06104451

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
331096		23.7	2.26	3.01	0.06	0.06	0.06	0.028	0.07	10.1	13.9	0.50	814	1.01	0.01	0.23
331097		22.2	2.51	3.57	0.07	0.10	0.06	0.033	0.10	13.0	18.1	0.58	550	0.80	0.01	0.29
331098		44.6	2.67	3.68	0.09	0.09	0.04	0.032	0.14	18.9	17.4	1.24	866	0.76	0.01	0.22
331099		24.5	3.15	4.16	0.09	0.08	0.05	0.036	0.10	19.1	19.6	0.63	970	0.87	0.01	0.32
331100		25.0	3.11	4.16	0.08	0.08	0.05	0.034	0.10	19.5	19.2	0.65	993	0.85	0.01	0.31
331101		10.1	3.74	8.06	0.07	0.07	0.01	0.047	0.06	17.4	25.3	0.42	1515	1.57	0.01	0.48
331102		11.2	3.31	5.22	0.07	0.08	0.05	0.035	0.07	17.3	23.1	0.42	447	1.14	0.01	0.43
331103		137.0	2.74	5.50	0.10	0.10	0.06	0.043	0.12	26.6	26.4	0.86	1115	1.03	0.01	0.28
331104		20.4	3.60	6.00	0.08	0.07	0.05	0.039	0.08	19.0	30.0	0.42	699	1.55	0.01	0.37
331105		19.4	3.21	5.75	0.10	0.09	0.05	0.040	0.12	30.2	27.3	0.47	691	1.41	0.01	0.34
331106		12.7	3.34	5.89	0.07	0.06	0.02	0.033	0.06	15.4	24.1	0.43	451	1.47	0.01	0.45
331107		33.7	3.63	7.73	0.08	0.08	0.02	0.041	0.06	16.4	24.4	0.49	945	1.50	0.01	0.47
331108		160.0	2.82	3.58	0.08	0.09	0.07	0.038	0.07	20.0	17.1	0.48	1065	1.11	0.01	0.30
331109		29.2	3.44	4.98	0.08	0.08	0.02	0.042	0.06	18.7	19.3	0.48	1405	1.16	0.01	0.38
331110		25.4	2.86	3.81	0.07	0.09	0.05	0.035	0.07	13.9	17.0	0.46	1430	1.19	0.01	0.28
331111		21.8	3.18	3.93	0.07	0.08	0.05	0.036	0.06	13.9	18.5	0.49	868	1.17	0.01	0.28
331112		99.3	2.73	5.18	0.11	0.05	0.02	0.020	0.10	32.7	28.7	0.97	499	0.28	0.02	0.39
331113		70.9	2.81	4.55	0.10	0.05	0.02	0.023	0.13	25.9	17.7	0.72	736	0.51	0.02	0.42
331114		68.4	2.97	4.41	0.11	0.04	0.02	0.019	0.09	28.8	24.8	0.80	2440	0.80	0.01	0.30
331115		31.1	2.37	3.18	0.15	0.04	0.01	0.011	0.05	44.8	23.9	0.65	1560	0.54	0.01	0.22
331116		32.5	2.22	3.40	0.12	0.04	0.01	0.011	0.04	46.9	27.7	0.70	922	0.53	0.01	0.18
331117		29.5	2.01	3.30	0.11	0.04	0.01	0.010	0.05	35.3	29.4	0.76	753	0.49	0.01	0.16
331118		63.1	2.32	4.44	0.10	0.04	0.02	0.017	0.09	28.1	22.4	0.79	592	0.56	0.01	0.37
331119		36.0	1.79	3.49	0.10	0.03	0.02	0.012	0.04	34.7	27.3	0.70	773	0.42	0.01	0.24
331120		37.4	1.84	3.56	0.11	0.03	0.02	0.012	0.04	38.3	28.6	0.71	946	0.35	0.01	0.23
331121		14.5	3.16	5.25	0.06	0.05	0.02	0.026	0.03	11.8	26.9	0.43	203	1.38	0.01	0.39
331122		66.4	3.31	5.49	0.07	0.07	0.03	0.041	0.04	13.1	19.9	0.44	707	1.31	0.01	0.38
331123		60.7	1.83	2.87	0.07	0.08	0.07	0.025	0.10	20.1	12.3	0.51	993	0.70	0.01	0.18
331124		22.4	2.38	2.86	0.08	0.08	0.05	0.030	0.08	16.8	15.3	1.80	890	1.08	0.01	0.25
331125		59.5	3.76	8.00	0.18	0.16	0.14	0.040	0.28	51.3	25.5	2.21	1125	1.36	0.02	0.37
331126		59.5	2.93	4.36	0.13	0.15	0.05	0.036	0.11	46.5	17.5	0.61	1630	1.53	0.01	0.40
331127		22.4	3.16	3.74	0.08	0.11	0.02	0.032	0.12	14.4	18.3	0.69	759	1.33	0.01	0.30
331128		35.6	2.75	4.59	0.08	0.04	0.01	0.024	0.09	25.5	23.4	0.54	718	1.21	0.01	0.55
331129		47.9	2.59	3.86	0.10	0.05	0.02	0.024	0.07	34.2	23.0	0.56	255	0.79	0.01	0.58
331130		47.7	1.84	3.35	0.11	0.05	0.01	0.017	0.06	38.2	19.3	0.51	152	0.42	0.01	0.64
331131		60.9	3.66	3.94	0.14	0.07	0.03	0.023	0.07	39.4	22.7	0.58	890	1.22	0.01	0.66
331132		14.7	2.91	4.20	0.07	0.05	0.01	0.030	0.06	18.0	16.5	0.37	481	1.21	0.01	0.48
331133		12.5	5.63	10.30	0.09	0.03	0.02	0.048	0.05	5.9	24.0	1.62	694	0.40	0.06	0.19
331134		4.8	2.70	7.43	0.11	0.06	0.03	0.055	0.05	25.5	23.1	0.64	1495	0.36	0.01	0.22
331135		37.3	3.24	4.56	0.10	0.03	0.03	0.036	0.12	21.5	21.8	0.58	1305	0.83	0.01	0.73

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
331096		15.7	770	22.7	10.0	<0.001	0.11	0.66	1.8	1.1	0.3	20.8	<0.01	0.04	1.0	0.007
331097		18.3	710	18.9	11.7	<0.001	0.07	0.67	3.0	1.0	0.3	18.2	<0.01	0.05	2.8	0.010
331098		21.1	490	19.3	13.3	<0.001	0.04	0.72	3.1	0.7	0.3	11.7	<0.01	0.03	4.7	0.010
331099		21.7	370	26.1	11.9	<0.001	0.03	0.70	3.6	0.8	0.4	10.5	<0.01	0.04	4.6	0.010
331100		21.5	410	25.5	11.9	<0.001	0.03	0.68	3.6	0.8	0.4	10.8	<0.01	0.05	4.2	0.010
331101		16.1	180	36.6	14.5	<0.001	0.01	0.61	3.9	0.5	0.9	8.7	<0.01	0.06	5.4	0.011
331102		17.2	190	27.3	13.5	<0.001	0.01	0.53	2.8	0.4	0.5	9.4	<0.01	0.04	5.5	0.010
331103		24.5	770	19.8	16.6	<0.001	0.08	0.63	6.3	1.4	0.3	19.5	<0.01	0.06	4.0	0.011
331104		22.2	480	31.2	16.4	<0.001	0.03	0.94	3.4	0.7	0.5	7.3	<0.01	0.10	6.9	0.009
331105		20.2	470	29.6	14.0	<0.001	0.04	0.84	3.4	0.8	0.5	13.5	<0.01	0.10	6.5	0.006
331106		17.1	230	27.3	12.7	<0.001	0.01	0.70	2.8	0.4	0.6	8.2	<0.01	0.04	4.6	0.009
331107		19.5	320	39.9	12.8	<0.001	0.01	0.67	4.4	0.5	0.9	11.3	<0.01	0.04	5.0	0.008
331108		24.7	780	30.8	11.2	<0.001	0.08	0.85	2.9	1.4	0.3	20.5	<0.01	0.08	2.6	0.007
331109		22.5	250	29.7	9.0	<0.001	0.02	0.67	4.0	0.6	0.5	13.4	<0.01	0.05	5.4	0.009
331110		22.2	500	28.1	9.9	<0.001	0.05	0.75	3.2	0.9	0.4	16.2	<0.01	0.07	3.0	0.007
331111		19.9	460	33.4	9.1	<0.001	0.04	0.73	3.2	0.9	0.4	17.8	<0.01	0.05	2.4	0.006
331112		30.7	560	10.3	15.4	<0.001	0.04	0.30	3.1	0.8	0.2	16.9	<0.01	0.04	10.8	0.051
331113		23.8	390	10.8	16.7	<0.001	0.04	0.39	3.1	0.7	0.3	16.8	<0.01	0.03	7.9	0.043
331114		26.6	520	8.7	13.8	0.001	0.07	0.35	2.4	0.8	0.2	23.0	<0.01	0.05	7.9	0.029
331115		21.5	740	6.7	7.4	<0.001	0.05	0.21	1.3	0.7	<0.2	25.6	<0.01	0.05	11.1	0.011
331116		23.6	290	6.0	5.2	<0.001	0.04	0.14	1.3	0.6	<0.2	18.9	<0.01	0.05	11.8	0.007
331117		24.5	440	5.0	7.9	<0.001	0.03	0.14	1.3	0.6	<0.2	21.5	<0.01	0.05	10.6	0.007
331118		25.6	420	6.8	16.3	<0.001	0.04	0.28	2.6	0.6	0.2	23.7	<0.01	0.03	8.8	0.041
331119		23.4	430	5.5	8.7	<0.001	0.05	0.16	1.6	0.6	<0.2	24.3	<0.01	0.04	10.5	0.011
331120		24.1	440	5.7	8.1	<0.001	0.04	0.16	1.6	0.7	<0.2	19.8	<0.01	0.05	11.7	0.012
331121		21.0	140	22.4	7.5	<0.001	0.02	0.82	2.7	0.3	0.5	6.2	<0.01	0.03	4.0	0.007
331122		18.9	250	33.2	7.5	<0.001	0.02	0.80	4.1	0.5	0.6	10.7	<0.01	0.05	4.0	0.006
331123		14.5	720	16.3	10.3	0.001	0.12	0.66	3.4	1.3	0.2	19.8	<0.01	0.06	2.2	0.006
331124		20.7	640	22.7	8.3	<0.001	0.06	0.86	2.9	0.9	0.2	25.2	<0.01	0.05	3.7	0.007
331125		32.8	740	75.5	23.7	0.001	0.09	1.09	6.5	1.2	0.5	40.4	0.01	0.06	6.6	0.015
331126		30.2	760	29.6	15.2	<0.001	0.10	1.12	3.5	1.2	0.4	27.5	0.01	0.06	5.4	0.007
331127		24.0	360	30.8	11.2	<0.001	0.05	0.87	3.7	0.7	0.3	22.9	<0.01	0.04	3.3	0.007
331128		21.1	300	16.5	18.3	<0.001	0.02	0.38	2.1	0.4	0.3	8.0	<0.01	0.05	9.0	0.011
331129		21.4	650	15.6	15.9	<0.001	0.02	0.42	2.1	0.6	0.2	9.7	<0.01	0.04	12.8	0.020
331130		20.4	880	13.9	13.5	0.001	0.05	0.34	1.9	0.7	0.2	12.7	<0.01	0.03	11.5	0.028
331131		28.6	600	17.5	18.5	<0.001	0.03	0.55	2.5	0.8	0.2	11.8	<0.01	0.04	14.7	0.022
331132		15.1	180	17.6	13.0	<0.001	0.02	0.49	2.5	0.3	0.4	7.9	<0.01	0.03	6.5	0.012
331133		60.8	410	4.8	8.5	<0.001	0.05	0.22	5.8	0.4	0.2	17.0	<0.01	0.02	1.4	0.110
331134		44.7	630	7.1	12.7	<0.001	0.03	0.24	8.4	0.7	0.8	3.1	<0.01	0.02	15.8	0.034
331135		24.5	580	13.9	27.2	<0.001	0.03	0.53	3.0	0.6	0.3	7.0	<0.01	0.03	7.5	0.031

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 30-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104451

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
331096		0.09	1.07	24	0.06	7.09	136	1.1
331097		0.10	1.13	25	0.08	7.51	129	1.8
331098		0.11	0.66	22	0.11	9.03	80	1.5
331099		0.11	0.77	31	0.12	9.31	82	1.3
331100		0.10	0.78	30	0.10	9.45	82	1.3
331101		0.23	0.62	64	0.13	3.71	123	2.0
331102		0.13	0.65	43	0.12	3.94	75	2.0
331103		0.11	1.43	39	0.10	17.20	86	1.4
331104		0.17	1.19	44	0.14	5.37	115	1.3
331105		0.15	1.27	40	0.13	6.48	97	1.7
331106		0.15	0.55	48	0.13	2.86	78	1.3
331107		0.18	0.83	64	0.14	4.73	105	1.6
331108		0.11	2.44	28	0.11	13.30	111	1.5
331109		0.13	1.04	40	0.14	8.40	126	1.3
331110		0.10	0.69	32	0.11	8.82	102	1.5
331111		0.10	0.86	35	0.13	8.30	98	1.4
331112		0.09	1.95	36	0.07	9.17	78	0.6
331113		0.11	1.36	34	0.08	8.00	44	0.8
331114		0.10	2.56	24	0.06	7.92	81	0.6
331115		0.07	1.93	11	0.06	9.27	78	0.6
331116		0.06	2.34	10	<0.05	10.40	83	0.5
331117		0.06	2.11	9	<0.05	7.70	89	0.5
331118		0.09	1.80	27	0.07	7.04	72	0.6
331119		0.08	1.72	11	<0.05	7.88	90	0.5
331120		0.08	1.75	11	<0.05	8.43	94	<0.5
331121		0.13	0.46	41	0.14	2.62	80	1.5
331122		0.13	0.73	48	0.15	5.47	90	1.6
331123		0.10	2.57	20	0.13	11.90	105	1.6
331124		0.08	1.14	22	0.12	9.33	98	1.6
331125		0.18	1.11	75	0.18	21.40	165	3.3
331126		0.14	0.75	35	0.11	16.75	132	2.7
331127		0.09	0.41	32	0.09	8.99	102	2.3
331128		0.15	1.90	21	0.10	5.62	98	0.8
331129		0.17	2.10	17	0.08	8.42	87	1.0
331130		0.17	1.67	15	0.07	9.76	79	1.1
331131		0.17	3.75	17	0.11	10.85	98	2.0
331132		0.11	0.74	33	0.12	3.49	52	1.3
331133		0.13	0.41	121	0.07	3.74	31	<0.5
331134		0.10	1.21	42	0.08	10.15	17	0.9
331135		0.21	1.14	27	0.25	6.77	55	<0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06104451

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
331136		0.58	<0.005	0.08	1.58	7.1	<10	110	0.58	0.37	0.65	0.17	55.80	8.8	22	4.04
331137		0.58	<0.005	0.10	1.69	9.8	<10	140	0.77	0.36	0.33	0.12	38.90	11.5	22	2.44
331138		0.60	<0.005	0.09	1.27	11.1	<10	320	0.72	0.38	0.81	0.16	53.10	15.3	17	1.26
331139		0.54	<0.005	0.08	1.89	12.5	<10	440	1.09	0.38	0.68	0.24	47.00	11.8	22	1.62
331140		0.14	0.080	1.25	4.37	32	20	480	1.04	0.04	13.40	0.02	22.50	46.3	56	2.05
331141		0.46	0.005	0.07	1.61	10.6	<10	150	0.94	0.51	0.42	0.11	46.20	11.6	17	1.12
331142		0.54	<0.005	0.03	1.45	9.9	<10	120	0.52	0.52	0.08	0.13	48.70	7.7	15	0.86
331143		0.58	<0.005	0.03	0.81	6.8	<10	130	0.22	0.28	0.17	0.10	26.90	4.4	13	0.89
331144		0.58	<0.005	0.08	1.36	9.6	<10	110	0.75	0.47	0.38	0.09	46.80	11.1	15	0.86
331145		0.50	0.005	0.03	1.47	7.9	<10	110	0.76	0.49	0.21	0.09	54.60	10.5	16	0.91
331146		0.54	<0.005	0.02	1.42	11.0	<10	90	0.88	0.56	0.18	0.06	61.00	12.5	15	0.94
331147		0.54	<0.005	0.04	1.57	10.0	<10	120	0.88	0.53	0.33	0.11	58.60	11.5	16	0.95
331148		0.56	<0.005	0.08	1.53	10.2	<10	90	0.89	5.24	0.22	0.06	55.30	10.9	16	0.96
331149		0.46	<0.005	0.05	1.58	10.1	<10	220	0.85	0.38	0.54	0.35	37.70	11.0	22	1.30
331150		0.52	<0.005	0.03	1.34	9.7	<10	120	0.35	0.33	0.12	0.10	31.10	7.1	17	1.07
331151		0.54	<0.005	0.78	1.45	11.1	<10	200	0.84	0.35	0.29	0.14	40.40	11.0	21	1.38
331152		0.46	<0.005	0.19	1.54	28.3	<10	150	0.79	0.67	0.15	0.19	39.40	12.9	18	1.40
331153		0.52	<0.005	0.21	1.45	23.7	<10	180	0.83	0.51	0.26	0.26	38.90	12.8	19	1.28
331154		0.48	<0.005	0.09	1.57	27.3	<10	170	0.67	0.65	0.31	0.12	37.90	14.3	21	2.11
331155		0.52	<0.005	0.04	1.34	14.1	<10	140	0.40	0.46	0.19	0.31	33.50	7.4	17	1.40
331156		0.48	<0.005	0.03	1.84	24.1	<10	210	0.99	0.74	0.22	0.12	43.60	17.0	22	0.90
331157		0.52	<0.005	0.05	1.67	26.4	<10	170	0.86	0.77	0.71	0.11	37.60	17.8	18	2.05
331158		0.60	0.005	0.12	1.24	14.1	<10	190	0.75	0.56	1.00	0.17	37.90	15.1	15	1.01
331159		0.56	<0.005	0.03	1.71	14.3	<10	130	1.02	0.96	0.22	0.08	48.50	13.3	18	1.23
331160		0.58	<0.005	0.01	1.85	15.4	<10	140	0.94	0.64	0.16	0.08	55.10	13.6	19	1.45
331161		0.58	<0.005	0.13	1.30	13.4	<10	160	0.69	0.87	1.42	0.07	27.00	9.6	17	1.19
331162		0.46	<0.005	0.05	1.72	16.6	<10	230	1.05	0.57	0.42	0.13	43.60	11.9	20	1.21
331163		0.52	<0.005	0.04	1.27	13.6	<10	110	0.47	0.42	0.15	0.09	34.70	8.5	17	1.11
331164		0.58	<0.005	0.06	1.25	16.4	<10	140	0.34	0.55	0.39	0.17	31.70	8.1	16	0.94

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06104451

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
331136		19.1	3.01	4.90	0.09	0.04	0.05	0.029	0.15	26.6	26.9	0.78	752	0.72	0.01	1.35
331137		12.6	3.34	5.23	0.08	0.05	0.02	0.033	0.07	17.9	23.2	0.53	780	1.19	0.01	0.87
331138		27.9	3.95	4.41	0.11	0.06	0.03	0.023	0.13	25.5	18.9	0.61	5310	0.92	0.01	0.34
331139		16.0	3.25	6.32	0.10	0.09	0.05	0.045	0.07	26.0	24.0	0.50	4080	1.21	0.01	0.36
331140		2330.0	12.30	14.90	0.36	0.56	0.01	0.486	0.38	14.5	30.3	2.28	2850	5.83	0.12	0.23
331141		46.9	2.77	4.39	0.08	0.10	0.02	0.037	0.17	23.3	17.5	0.61	729	0.79	0.01	0.24
331142		19.5	2.56	4.56	0.08	0.05	0.01	0.027	0.09	24.2	19.1	0.39	272	1.16	0.01	0.26
331143		7.7	2.07	5.25	0.05	0.02	0.01	0.016	0.05	13.2	11.6	0.26	119	1.17	0.01	0.45
331144		35.5	2.36	3.56	0.08	0.08	0.03	0.029	0.16	23.0	15.4	0.61	670	0.68	0.01	0.20
331145		29.5	2.31	3.89	0.09	0.08	0.02	0.027	0.14	26.3	17.3	0.60	516	0.54	<0.01	0.21
331146		43.9	2.43	4.18	0.10	0.07	0.03	0.029	0.15	30.0	18.8	0.60	531	0.73	<0.01	0.20
331147		38.7	2.69	4.15	0.09	0.08	0.03	0.030	0.16	28.9	17.8	0.69	650	0.75	0.01	0.21
331148		34.8	2.54	3.96	0.09	0.07	0.02	0.029	0.13	27.1	18.4	0.65	351	0.73	0.01	0.21
331149		21.6	2.70	5.40	0.07	0.07	0.03	0.038	0.09	17.6	17.9	0.63	1005	0.75	0.01	0.27
331150		10.5	2.91	4.58	0.06	0.05	0.02	0.027	0.05	15.0	22.6	0.34	222	1.17	<0.01	0.54
331151		20.2	3.05	4.54	0.09	0.06	0.04	0.038	0.08	18.4	18.1	0.47	1010	0.94	0.01	0.37
331152		34.1	3.39	5.21	0.07	0.03	0.03	0.047	0.07	17.4	22.0	0.38	569	1.05	<0.01	0.45
331153		42.2	3.31	4.54	0.07	0.05	0.06	0.047	0.07	17.3	18.6	0.45	1170	1.04	<0.01	0.39
331154		32.3	3.45	5.46	0.07	0.04	0.04	0.045	0.06	16.2	19.7	0.56	956	1.02	<0.01	0.46
331155		14.5	2.77	6.11	0.06	0.02	0.01	0.030	0.05	15.0	18.5	0.33	382	1.03	<0.01	0.44
331156		38.5	3.68	5.36	0.08	0.06	0.03	0.035	0.06	20.0	21.9	0.52	700	1.76	<0.01	0.49
331157		47.0	3.36	5.08	0.07	0.04	0.01	0.037	0.12	16.0	26.0	0.66	525	1.48	<0.01	0.33
331158		71.6	2.41	3.42	0.07	0.05	0.05	0.024	0.13	17.3	15.5	0.55	1680	0.91	0.01	0.19
331159		46.0	2.96	4.25	0.07	0.06	0.02	0.033	0.10	21.5	18.1	0.55	477	0.89	<0.01	0.24
331160		45.2	3.17	4.86	0.08	0.05	0.02	0.031	0.11	23.4	19.5	0.56	462	1.03	<0.01	0.27
331161		34.3	3.21	4.02	0.07	0.04	0.05	0.022	0.06	13.4	17.1	0.50	1530	1.89	0.01	0.30
331162		25.8	3.39	4.56	0.08	0.06	0.03	0.036	0.08	17.5	19.4	0.53	730	0.94	<0.01	0.41
331163		12.5	3.33	3.99	0.07	0.02	0.01	0.023	0.06	15.6	19.9	0.37	338	1.15	0.01	0.48
331164		19.1	3.02	5.24	0.07	0.02	0.02	0.027	0.06	14.3	17.4	0.31	388	1.02	<0.01	0.47

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 30-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104451

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
331136		20.0	440	15.0	32.0	<0.001	0.05	0.41	3.5	0.7	0.4	11.2	<0.01	0.03	5.6	0.051
331137		18.5	270	24.7	23.2	<0.001	0.04	0.52	2.9	0.5	0.5	10.0	<0.01	0.05	5.9	0.024
331138		22.6	500	9.9	15.9	<0.001	0.07	0.46	3.5	0.9	0.3	13.7	<0.01	0.05	8.1	0.018
331139		21.1	580	23.1	15.3	<0.001	0.05	0.60	7.3	1.3	0.5	12.1	0.01	0.05	5.3	0.010
331140		35.3	1620	3.8	17.7	0.001	0.22	7.12	11.4	1.6	0.9	279.0	0.01	0.01	2.4	0.200
331141		21.3	310	12.9	16.8	<0.001	0.03	0.83	2.8	0.6	0.3	7.4	<0.01	0.03	8.5	0.006
331142		13.2	160	12.8	8.9	<0.001	0.01	0.70	1.7	0.2	0.4	3.1	<0.01	0.04	7.2	<0.005
331143		9.6	170	10.6	9.9	<0.001	0.01	0.53	1.5	0.2	0.4	5.8	<0.01	0.03	4.0	0.014
331144		20.3	240	10.2	11.8	<0.001	0.02	0.74	2.2	0.5	0.2	5.5	<0.01	0.02	9.1	0.006
331145		19.3	190	8.6	11.4	<0.001	0.01	0.63	2.1	0.3	0.2	3.8	<0.01	0.02	10.2	0.005
331146		22.3	130	9.3	12.5	<0.001	<0.01	0.87	2.4	0.4	0.2	4.3	<0.01	0.03	12.7	0.005
331147		20.9	190	10.5	13.1	<0.001	0.01	0.81	2.4	0.4	0.2	4.8	<0.01	0.03	11.7	0.006
331148		20.1	170	9.0	12.4	<0.001	0.01	0.79	2.2	0.4	0.2	4.3	<0.01	0.03	11.5	0.005
331149		21.8	400	22.0	13.4	<0.001	0.03	0.61	5.0	0.6	0.4	9.2	<0.01	0.03	6.2	0.009
331150		14.1	160	20.1	15.0	<0.001	0.02	0.58	2.0	0.3	0.4	6.8	<0.01	0.03	4.6	0.010
331151		20.2	330	23.2	14.7	<0.001	0.02	0.54	5.0	<0.2	0.4	7.9	<0.01	0.03	7.6	0.009
331152		19.3	250	22.5	14.8	<0.001	0.01	0.63	3.0	<0.2	0.5	6.0	<0.01	0.06	6.9	0.008
331153		23.7	280	25.9	12.4	<0.001	0.02	0.75	5.0	0.2	0.4	8.1	<0.01	0.05	7.4	0.009
331154		22.3	210	22.8	11.9	<0.001	0.02	0.77	4.7	0.2	0.5	8.3	<0.01	0.05	8.0	0.013
331155		12.1	210	20.0	11.0	<0.001	0.01	0.45	3.0	<0.2	0.6	5.5	<0.01	0.04	5.9	0.010
331156		21.9	410	24.6	6.9	<0.001	0.02	0.80	4.0	<0.2	0.5	8.5	<0.01	0.06	8.0	0.011
331157		24.5	250	17.7	16.8	<0.001	0.03	0.89	2.9	<0.2	0.3	9.0	<0.01	0.06	8.5	0.005
331158		23.0	370	13.2	11.1	<0.001	0.05	0.83	2.1	0.2	0.2	9.6	<0.01	0.04	5.9	0.005
331159		19.2	170	18.6	11.2	<0.001	0.02	0.66	2.7	<0.2	0.4	4.6	<0.01	0.04	9.4	<0.005
331160		19.2	160	19.6	13.5	<0.001	0.02	0.75	2.8	<0.2	0.4	4.3	<0.01	0.04	10.1	<0.005
331161		17.6	690	16.3	11.0	<0.001	0.08	0.40	2.8	0.4	0.2	21.6	<0.01	0.04	4.7	0.007
331162		22.4	250	23.6	13.5	<0.001	0.02	0.61	3.7	<0.2	0.4	8.1	<0.01	0.05	7.6	0.006
331163		14.1	210	23.7	12.9	<0.001	0.02	0.62	1.6	<0.2	0.3	5.9	<0.01	0.04	5.3	0.011
331164		11.7	220	20.8	11.2	<0.001	0.02	0.62	2.0	<0.2	0.5	7.2	<0.01	0.05	4.7	0.008

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 30-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06104451

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
331136		0.34	2.17	31	0.10	11.15	120	0.7
331137		0.23	2.89	39	0.27	6.25	66	1.1
331138		0.11	1.48	23	0.10	9.62	43	1.1
331139		0.16	1.42	39	0.18	30.70	83	1.1
331140		0.10	3.62	122	11.05	18.45	149	24.6
331141		0.12	0.68	20	0.17	6.36	52	2.8
331142		0.11	0.42	24	0.10	2.00	38	1.4
331143		0.09	0.43	40	0.11	1.68	41	0.6
331144		0.10	0.61	14	0.06	5.62	39	2.0
331145		0.10	0.81	14	0.06	4.66	40	1.8
331146		0.11	0.60	14	0.07	6.35	33	2.0
331147		0.11	0.60	17	0.07	5.96	44	1.9
331148		0.10	0.55	16	0.06	4.75	37	2.0
331149		0.13	1.01	33	0.12	7.22	61	1.3
331150		0.12	0.45	36	0.12	2.35	56	1.4
331151		0.10	1.16	34	0.12	11.00	61	1.4
331152		0.11	0.81	35	0.14	4.45	112	1.1
331153		0.10	1.27	33	0.14	9.50	124	1.5
331154		0.15	0.86	41	0.15	4.45	75	1.9
331155		0.12	0.56	46	0.17	2.54	86	0.8
331156		0.10	1.31	40	0.21	7.17	85	2.0
331157		0.12	0.71	24	0.15	3.08	74	1.7
331158		0.07	2.08	14	0.09	5.68	55	1.4
331159		0.10	0.96	22	0.17	5.73	51	1.9
331160		0.11	0.72	25	0.19	3.99	52	2.0
331161		0.10	3.48	23	0.08	13.10	36	2.0
331162		0.10	0.75	33	0.15	5.94	83	1.6
331163		0.08	0.49	34	0.15	2.13	66	1.0
331164		0.09	0.50	38	0.16	2.13	83	0.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
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Finalized Date: 20-OCT-2006
Account: EIA

CERTIFICATE VA06095381

Project: Werneckes

P.O. No.: FRG06-01

This report is for 161 Soil samples submitted to our lab in Vancouver, BC, Canada on 5-SEP-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL	ROBIN BLACK	DAVID C
I DUNLOP	SCOTT HEFFERNAN	RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
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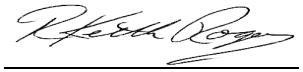
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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CERTIFICATE OF ANALYSIS VA06095381

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C202531		0.46	<0.005	0.20	1.60	17.2	<10	120	1.33	1.16	0.12	0.40	39.30	24.2	20	1.81
C202532		0.52	0.006	0.20	1.23	17.6	<10	50	1.14	1.72	0.27	0.17	50.20	23.5	16	1.12
C202533		0.50	0.006	0.25	1.06	18.1	<10	80	1.09	1.84	0.20	0.18	48.60	26.1	15	1.38
C202534		0.64	0.010	0.41	1.12	29.5	<10	60	1.05	3.32	0.47	0.32	42.20	24.8	14	0.66
C202535		0.52	0.010	0.64	0.75	24.1	<10	70	0.84	2.24	5.44	0.28	31.80	21.9	10	1.31
C202536		0.64	<0.005	1.04	0.64	20.7	<10	40	0.82	3.58	5.67	0.16	30.40	15.0	8	0.95
C202537		0.44	0.008	0.24	0.98	15.3	<10	130	1.31	2.89	0.86	0.36	32.40	16.9	12	0.94
C202538		0.44	0.010	0.44	1.48	15.1	<10	160	1.39	1.58	0.35	0.34	46.20	19.7	19	1.67
C202539		0.44	<0.005	0.25	1.30	13.1	<10	120	1.19	0.96	0.46	0.19	43.60	15.2	16	1.85
C202540		0.78	<0.005	0.40	0.80	15.1	<10	60	0.93	1.31	0.66	0.16	52.10	15.0	12	1.34
C202541		0.64	0.007	0.23	1.40	13.4	<10	130	1.15	0.92	0.27	0.17	49.50	17.1	18	2.04
C202542		0.44	0.008	0.33	1.07	16.6	<10	90	1.46	1.85	0.72	1.82	52.10	46.0	13	3.04
C202543		0.56	<0.005	0.16	1.36	7.7	<10	170	0.82	0.49	0.35	0.24	35.90	10.7	18	0.88
C202544		0.56	<0.005	0.19	1.45	14.3	<10	160	1.53	0.82	0.37	0.60	56.00	24.7	17	1.90
C202545		0.42	0.010	0.27	1.27	13.6	<10	170	1.40	1.07	0.76	0.72	54.70	35.4	15	3.43
C202546		0.58	0.006	0.14	1.67	13.1	<10	240	1.59	1.13	0.27	1.21	59.00	38.9	19	2.77
C202547		0.48	<0.005	0.04	1.22	7.9	<10	130	0.54	0.66	0.18	0.40	28.70	13.6	16	0.97
C202548		0.70	0.005	0.13	1.30	38.1	<10	50	1.20	2.10	0.05	0.10	66.90	43.9	13	2.56
C202549		0.86	0.007	0.15	1.42	37.3	<10	60	1.29	2.89	0.06	0.13	86.50	46.4	15	2.98
C202550		0.14	0.063	1.19	4.75	37	20	500	0.96	0.05	15.60	0.01	23.70	52.8	62	2.42
C330301		0.52	0.010	0.17	2.21	45.9	<10	80	1.79	3.17	0.39	0.23	60.00	43.6	30	4.34
C330302		0.86	<0.005	0.09	1.17	21.6	<10	60	1.38	1.65	0.07	0.19	56.00	34.8	13	3.22
C330303		0.72	0.006	0.07	1.56	21.2	<10	50	0.89	1.45	0.05	0.18	67.20	31.0	19	3.06
C330304		0.70	0.005	0.08	1.93	37.9	<10	80	1.30	0.97	0.07	0.17	45.80	31.8	29	3.68
C330305		0.78	0.005	0.08	1.75	35.0	<10	80	1.37	0.97	0.13	0.25	50.30	29.5	26	3.00
C330306		0.70	0.005	0.08	2.04	55.0	<10	80	1.28	1.17	0.11	0.21	52.90	36.3	33	3.47
C330307		0.56	0.005	0.11	1.64	30.6	<10	100	1.19	1.26	0.11	0.18	40.40	24.5	26	3.25
C330308		0.58	0.005	0.06	1.64	22.4	<10	90	0.79	0.71	0.09	0.15	34.70	13.8	26	3.10
C330309		0.70	<0.005	0.05	1.49	24.2	<10	80	1.67	1.25	0.05	0.14	91.60	31.7	20	4.76
C330310		0.70	0.006	0.11	1.62	23.4	<10	70	1.35	1.27	0.06	0.11	92.30	32.0	21	4.52
C330311		0.62	<0.005	0.06	1.68	37.2	<10	100	1.60	1.38	0.16	0.32	47.50	34.4	25	4.83
C330312		0.58	0.005	0.11	1.90	48.0	<10	100	1.67	1.54	0.18	0.28	50.00	41.4	45	5.10
C330313		0.60	0.008	0.09	1.53	31.1	<10	60	0.84	1.48	0.08	0.15	52.80	30.8	23	3.80
C330314		0.74	0.012	0.17	2.29	29.4	<10	90	1.28	1.87	0.17	0.21	62.20	39.6	104	7.43
C330315		0.60	0.005	0.08	1.23	22.2	<10	80	0.81	1.33	0.17	0.45	55.10	30.0	17	3.17
C330316		0.78	<0.005	0.07	1.69	34.2	<10	90	1.14	1.59	0.08	0.17	84.60	37.5	20	3.95
C330317		0.70	<0.005	0.10	2.16	35.5	<10	120	0.87	0.88	0.07	0.20	58.20	30.2	27	3.42
C330318		0.64	0.007	0.07	1.70	40.9	<10	70	0.79	1.31	0.11	0.25	68.20	39.8	19	3.27
C330319		0.74	0.005	0.10	1.86	43.9	<10	70	0.53	0.83	0.07	0.22	56.30	40.2	22	2.18
C330320		0.72	0.005	0.08	1.75	42.0	<10	70	0.56	0.81	0.06	0.23	60.00	39.3	21	2.11

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06095381

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C202531		75.7	4.48	4.56	0.10	0.07	0.07	0.102	0.11	20.7	15.7	0.42	1960	1.70	0.01	0.65
C202532		36.9	3.98	3.58	0.10	0.12	0.06	0.063	0.09	23.3	20.1	0.82	1520	1.31	<0.01	0.16
C202533		46.7	3.80	3.12	0.11	0.18	0.07	0.063	0.08	23.7	18.5	0.91	2310	1.36	<0.01	0.11
C202534		31.6	6.88	2.85	0.13	0.14	0.08	0.096	0.07	21.0	17.2	0.78	3380	2.50	<0.01	0.14
C202535		45.3	4.44	2.16	0.10	0.09	0.07	0.074	0.07	16.0	11.8	3.57	2950	2.02	0.01	0.19
C202536		39.9	4.70	1.75	0.09	0.08	0.05	0.100	0.06	14.1	10.0	3.68	3200	2.17	0.01	0.10
C202537		44.4	4.24	2.85	0.09	0.11	0.09	0.095	0.08	14.8	11.1	0.64	4340	1.76	0.01	0.21
C202538		74.0	4.52	4.33	0.10	0.13	0.08	0.091	0.18	24.6	16.4	0.63	1870	1.29	0.01	0.41
C202539		67.1	4.26	3.59	0.10	0.17	0.08	0.074	0.16	21.9	13.0	0.56	1880	1.04	0.01	0.29
C202540		52.4	3.00	2.39	0.10	0.08	0.04	0.051	0.09	24.0	12.8	0.92	1780	1.27	0.01	0.11
C202541		62.7	3.57	4.14	0.10	0.12	0.06	0.047	0.16	24.4	15.0	0.60	1680	1.01	0.01	0.45
C202542		69.5	4.71	3.49	0.12	0.13	0.07	0.092	0.09	22.1	11.3	0.52	4810	1.38	0.01	0.30
C202543		36.5	3.95	2.63	0.07	0.09	0.03	0.044	0.13	16.2	7.7	0.51	2790	0.71	0.01	0.27
C202544		56.9	4.34	4.43	0.11	0.17	0.08	0.076	0.12	25.6	15.5	0.54	4170	1.21	0.01	0.36
C202545		68.0	4.75	4.00	0.13	0.14	0.09	0.087	0.11	23.6	12.6	0.59	4850	1.25	0.01	0.34
C202546		60.5	5.64	6.09	0.13	0.08	0.15	0.098	0.11	23.6	21.0	0.50	6820	1.38	0.01	0.46
C202547		23.9	3.92	3.54	0.06	0.02	0.04	0.037	0.16	13.7	10.2	0.35	2800	0.88	0.01	0.38
C202548		405.0	2.70	3.40	0.08	0.02	0.03	0.032	0.09	30.1	10.1	0.38	683	1.18	0.01	0.34
C202549		161.0	3.05	4.23	0.11	0.02	0.03	0.027	0.09	39.4	11.9	0.40	1140	1.58	0.01	0.43
C202550		2700.0	18.45	15.00	0.32	0.37	0.01	0.544	0.46	15.1	29.0	2.63	3280	6.66	0.14	0.10
C330301		222.0	4.61	6.85	0.11	0.06	0.06	0.065	0.12	29.0	31.7	0.88	1700	1.89	0.01	0.57
C330302		88.8	3.70	3.55	0.09	0.04	0.02	0.030	0.08	27.4	13.2	0.31	1730	1.96	0.01	0.43
C330303		82.1	3.98	4.90	0.11	0.06	0.05	0.031	0.08	29.9	15.1	0.37	1430	1.63	<0.01	0.66
C330304		92.0	3.84	6.45	0.09	0.02	0.04	0.041	0.09	22.3	20.5	0.53	1030	2.38	0.01	0.93
C330305		136.5	3.53	5.30	0.09	0.03	0.04	0.040	0.08	23.8	20.0	0.50	1030	2.38	0.01	0.81
C330306		113.5	3.89	6.75	0.09	0.02	0.03	0.047	0.09	25.6	21.2	0.58	1090	3.46	0.01	0.85
C330307		71.0	3.46	6.17	0.07	<0.02	0.07	0.035	0.09	20.0	18.5	0.41	802	2.65	0.01	0.77
C330308		62.0	3.30	6.38	0.07	<0.02	0.04	0.035	0.07	17.6	18.0	0.43	561	2.89	0.01	0.77
C330309		63.8	3.21	4.66	0.12	0.02	0.02	0.023	0.13	43.5	15.1	0.46	775	1.19	0.01	0.52
C330310		85.3	3.14	4.96	0.12	0.04	0.05	0.028	0.11	43.7	14.5	0.44	864	1.48	0.01	0.65
C330311		80.5	3.63	6.13	0.08	<0.02	0.08	0.036	0.10	24.7	16.9	0.45	1520	2.88	0.01	0.67
C330312		109.5	3.98	5.97	0.09	0.02	0.06	0.039	0.10	24.1	18.7	0.61	1440	1.73	0.01	0.60
C330313		85.2	3.26	5.18	0.10	0.02	0.05	0.039	0.08	23.6	13.7	0.45	926	1.59	<0.01	0.64
C330314		184.0	5.16	6.99	0.12	0.02	0.03	0.069	0.11	28.5	16.8	1.21	1980	1.60	<0.01	0.65
C330315		79.9	2.90	4.66	0.08	<0.02	0.06	0.030	0.08	25.8	10.2	0.35	1410	1.40	<0.01	0.45
C330316		71.4	3.35	5.94	0.12	<0.02	0.03	0.031	0.09	39.3	14.4	0.38	987	1.58	<0.01	0.58
C330317		74.6	3.83	6.92	0.10	0.02	0.06	0.038	0.09	24.6	16.6	0.41	1150	1.96	<0.01	1.37
C330318		79.7	3.72	5.30	0.09	0.02	0.03	0.026	0.09	29.8	11.6	0.40	1140	1.27	<0.01	0.81
C330319		107.0	3.41	5.31	0.09	0.02	0.05	0.030	0.07	23.4	14.3	0.50	756	1.36	<0.01	0.90
C330320		100.5	3.30	5.11	0.09	0.02	0.04	0.029	0.06	25.2	13.9	0.48	698	1.34	<0.01	0.90

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 20-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095381

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005
C202531		21.8	410	21.7	15.7	<0.001	0.03	1.34	5.0	0.4	0.4	8.1	<0.01	0.05	7.0	0.014
C202532		23.0	390	54.7	12.5	<0.001	0.03	2.44	4.3	0.4	0.2	9.1	<0.01	0.04	4.8	0.005
C202533		26.4	380	69.5	8.3	<0.001	0.03	2.57	3.9	0.3	<0.2	8.3	<0.01	0.04	5.2	0.005
C202534		36.5	520	114.5	9.0	<0.001	0.04	3.48	4.7	0.5	0.2	8.6	0.01	0.05	4.5	<0.005
C202535		29.8	490	96.7	7.3	<0.001	0.04	3.66	3.7	0.5	<0.2	19.2	<0.01	0.04	3.8	0.008
C202536		22.6	350	141.5	5.2	<0.001	0.03	3.50	3.2	0.4	0.2	19.6	<0.01	0.04	5.0	<0.005
C202537		21.4	650	100.5	9.6	<0.001	0.08	2.54	3.0	0.6	0.2	11.3	0.01	0.04	2.9	0.009
C202538		27.0	360	44.8	16.1	<0.001	0.02	1.66	5.6	0.7	0.3	9.7	<0.01	0.04	10.0	0.010
C202539		23.7	580	38.0	17.6	<0.001	0.05	1.48	4.1	0.7	0.3	8.8	<0.01	0.03	6.3	0.008
C202540		20.2	300	28.5	7.1	<0.001	0.01	2.08	3.4	0.3	<0.2	5.7	<0.01	0.03	8.0	0.006
C202541		24.6	310	51.6	20.9	<0.001	0.02	1.77	4.2	0.4	0.3	8.7	<0.01	0.03	8.6	0.012
C202542		24.3	890	73.2	13.2	<0.001	0.06	4.19	5.6	0.7	0.3	12.4	0.01	0.05	3.1	0.016
C202543		15.1	480	25.5	9.6	<0.001	0.03	1.22	3.4	0.4	0.2	6.7	<0.01	0.03	3.4	0.015
C202544		23.4	970	63.6	14.5	<0.001	0.06	2.01	6.0	0.9	0.3	11.5	0.01	0.06	3.3	0.019
C202545		25.3	980	83.5	14.9	<0.001	0.07	2.31	5.4	0.8	0.3	14.5	0.01	0.05	2.9	0.020
C202546		26.0	1230	54.2	19.7	<0.001	0.05	1.51	6.3	0.6	0.4	11.6	0.01	0.06	3.3	0.024
C202547		12.0	510	21.9	12.4	<0.001	0.03	0.91	2.2	0.2	0.3	5.3	<0.01	0.03	3.4	0.017
C202548		20.2	430	28.8	13.2	<0.001	0.02	1.24	1.8	0.3	0.3	5.0	<0.01	0.04	24.0	0.015
C202549		26.8	510	28.8	13.4	<0.001	0.02	1.44	2.3	0.5	0.4	6.8	<0.01	0.06	19.7	0.019
C202550		39.1	1810	4.2	18.9	<0.001	0.21	6.11	10.7	<0.2	0.9	316.0	<0.01	0.01	3.1	0.202
C330301		43.6	660	29.4	20.2	<0.001	0.05	1.43	5.0	0.8	0.4	21.3	<0.01	0.07	14.6	0.015
C330302		23.2	380	35.3	13.8	<0.001	0.02	1.47	2.2	0.3	0.3	8.9	<0.01	0.05	17.7	0.019
C330303		22.9	640	40.8	16.1	<0.001	0.03	1.38	2.1	0.4	0.4	7.1	<0.01	0.06	11.0	0.024
C330304		29.4	530	27.5	19.5	<0.001	0.04	1.29	2.9	0.6	0.6	11.3	<0.01	0.06	4.0	0.044
C330305		35.9	840	22.6	14.8	<0.001	0.04	1.30	3.3	0.6	0.5	14.7	<0.01	0.07	5.2	0.042
C330306		33.2	790	24.5	19.1	<0.001	0.05	1.42	3.6	0.8	0.6	14.7	<0.01	0.07	3.4	0.047
C330307		24.2	650	22.4	18.9	<0.001	0.05	1.10	2.1	0.3	0.6	13.5	<0.01	0.06	1.8	0.037
C330308		21.4	560	22.2	16.3	<0.001	0.05	1.06	2.1	0.4	0.6	12.6	<0.01	0.06	1.2	0.040
C330309		24.3	350	14.2	20.8	<0.001	0.01	1.28	2.6	0.2	0.4	6.8	<0.01	0.04	15.3	0.024
C330310		23.2	480	32.6	22.8	<0.001	0.03	1.03	2.1	0.3	0.4	7.5	<0.01	0.06	12.6	0.021
C330311		24.2	580	36.0	22.3	<0.001	0.06	1.30	2.1	0.7	0.6	15.1	<0.01	0.08	2.6	0.034
C330312		34.4	720	36.5	22.0	<0.001	0.06	1.31	3.1	0.5	0.5	14.9	<0.01	0.06	3.2	0.036
C330313		22.6	580	28.1	15.2	0.001	0.03	1.45	2.2	0.4	0.4	9.5	<0.01	0.06	5.2	0.030
C330314		66.2	530	32.4	27.3	<0.001	0.04	1.88	6.9	0.3	0.4	10.4	<0.01	0.08	7.5	0.043
C330315		19.4	750	29.8	13.7	<0.001	0.07	1.16	1.3	0.4	0.4	10.4	<0.01	0.06	2.2	0.021
C330316		21.8	580	28.9	20.7	<0.001	0.03	1.29	1.8	0.2	0.5	9.8	<0.01	0.06	5.9	0.027
C330317		25.7	510	33.4	20.5	<0.001	0.03	1.36	2.9	0.5	0.7	9.9	0.01	0.08	12.3	0.043
C330318		25.0	820	29.1	15.5	<0.001	0.02	1.29	2.2	0.3	0.4	9.8	0.01	0.07	15.2	0.030
C330319		24.9	470	19.8	13.4	<0.001	0.02	1.06	2.5	0.5	0.4	8.7	0.01	0.07	11.1	0.036
C330320		24.7	430	19.4	12.9	<0.001	0.02	1.08	2.5	0.4	0.4	8.0	0.01	0.07	12.0	0.035

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 20-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095381

Sample Description	Method Analyte Units LOR	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
C202531		0.16	2.23	31	0.12	12.60	90	1.5
C202532		0.42	0.79	14	0.05	10.20	78	2.8
C202533		0.38	0.77	11	0.05	12.75	86	4.5
C202534		0.33	1.20	20	0.05	17.05	135	2.9
C202535		0.39	1.07	16	0.05	15.30	105	2.3
C202536		0.25	0.83	13	<0.05	12.75	61	2.5
C202537		0.22	1.21	17	0.06	12.50	103	2.6
C202538		0.16	2.46	21	0.09	15.85	64	3.4
C202539		0.15	2.68	18	0.07	16.85	51	3.6
C202540		0.16	0.74	9	0.05	12.85	57	2.6
C202541		0.13	1.00	21	0.10	11.20	59	3.2
C202542		0.32	0.88	17	0.17	20.30	141	2.8
C202543		0.09	0.52	25	0.06	13.95	86	2.0
C202544		0.20	1.08	26	0.09	30.00	95	3.4
C202545		0.32	1.10	23	0.10	25.60	140	2.6
C202546		0.32	0.84	34	0.09	25.60	137	1.2
C202547		0.13	0.39	30	0.06	4.02	86	0.6
C202548		0.13	7.39	19	0.09	4.71	34	<0.5
C202549		0.15	7.69	21	0.11	6.04	37	<0.5
C202550		0.11	4.18	133	7.66	18.45	154	12.5
C330301		0.18	13.15	44	0.16	14.30	73	1.4
C330302		0.15	7.19	20	0.15	10.00	48	0.9
C330303		0.17	3.91	28	0.14	5.29	69	1.3
C330304		0.22	6.38	49	0.22	6.51	74	<0.5
C330305		0.17	7.00	43	0.20	9.04	82	0.6
C330306		0.25	7.44	52	0.25	8.90	85	<0.5
C330307		0.17	3.29	48	0.25	4.88	56	<0.5
C330308		0.18	3.06	51	0.23	4.64	63	<0.5
C330309		0.17	5.95	26	0.14	6.48	37	<0.5
C330310		0.21	5.43	27	0.15	6.07	43	0.8
C330311		0.22	6.37	45	0.23	6.42	73	<0.5
C330312		0.21	6.29	50	0.20	9.50	71	<0.5
C330313		0.19	4.44	36	0.17	5.26	58	0.5
C330314		0.33	8.38	63	0.18	11.60	76	0.5
C330315		0.13	3.16	32	0.17	3.84	63	<0.5
C330316		0.19	4.66	38	0.19	6.20	80	<0.5
C330317		0.22	3.22	52	0.24	5.27	89	0.6
C330318		0.15	3.34	34	0.15	5.26	82	0.6
C330319		0.16	2.80	39	0.19	5.06	74	0.6
C330320		0.14	2.68	37	0.18	4.78	70	0.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 20-OCT-2006
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CERTIFICATE OF ANALYSIS VA06095381

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C330321		0.60	<0.005	0.07	1.65	51.9	<10	70	0.77	1.01	0.07	0.16	54.60	24.7	20	2.36
C330322		0.56	<0.005	0.10	1.97	24.2	<10	80	1.45	0.94	0.19	0.23	59.20	33.2	23	2.71
C330323		0.64	<0.005	0.08	1.61	33.3	<10	80	0.86	2.38	0.12	0.28	78.90	38.8	22	2.57
C330324		0.70	<0.005	0.06	1.37	13.8	<10	80	0.62	0.71	0.12	0.31	78.50	22.3	18	1.70
C330325		0.68	<0.005	0.21	1.91	16.1	<10	80	0.68	0.83	0.06	0.20	59.10	23.9	19	1.91
C330326		0.78	<0.005	0.08	1.67	17.0	<10	90	0.76	1.04	0.08	0.22	79.60	23.2	21	1.81
C330327		0.52	<0.005	0.17	1.77	16.2	<10	80	0.99	0.69	0.15	0.39	62.50	20.8	19	1.91
C330328		0.68	<0.005	0.09	1.98	17.7	<10	90	0.76	0.82	0.08	0.26	60.90	25.1	23	2.00
C330329		0.70	0.018	0.13	2.34	16.4	<10	100	0.99	0.93	0.09	0.47	43.70	25.5	26	2.02
C330330		0.58	<0.005	0.09	1.98	14.3	<10	80	0.52	0.83	0.06	0.15	35.50	12.0	21	1.43
C330331		0.78	0.008	0.07	1.90	19.5	<10	90	0.70	1.12	0.06	0.24	41.20	20.3	21	1.78
C330332		0.68	<0.005	0.11	1.84	40.2	<10	90	1.04	2.11	0.09	0.24	44.50	36.7	22	2.52
C330333		0.50	0.020	0.16	0.90	18.4	<10	3080	0.41	2.00	1.18	0.16	28.90	21.2	13	0.82
C330334		0.76	0.008	0.17	1.25	15.6	<10	1880	1.00	1.78	1.42	0.24	31.80	20.5	16	1.10
C330335		0.62	0.007	0.16	0.94	13.3	<10	2270	0.87	1.65	2.26	0.19	24.80	16.2	11	1.05
C330336		0.64	0.035	0.13	0.85	10.8	<10	2000	0.82	1.24	2.39	0.15	29.40	13.7	12	1.10
C330337		0.50	0.028	0.20	1.16	9.7	<10	2500	1.04	1.28	1.49	0.30	26.40	12.6	14	1.03
C330338		0.56	0.010	0.16	1.09	10.6	<10	1810	0.80	1.04	1.08	0.20	24.50	13.1	14	0.82
C330339		0.54	0.025	0.25	1.09	9.2	<10	910	0.99	1.27	0.89	0.23	31.50	14.5	15	0.98
C330340		0.54	0.036	0.21	1.06	9.1	<10	920	1.00	1.26	0.89	0.21	31.60	14.7	15	1.09
C330341		0.46	<0.005	0.17	0.74	7.4	<10	1190	0.85	0.69	2.59	0.26	16.90	8.7	9	1.01
C330342		0.52	0.015	0.24	1.15	13.0	<10	1150	1.02	1.54	1.65	0.25	23.80	14.2	14	1.07
C330343		0.52	<0.005	0.19	1.26	13.2	<10	980	0.97	1.32	1.11	0.26	25.90	17.0	15	1.11
C330344		0.58	<0.005	0.22	1.20	29.9	<10	860	0.97	0.98	1.75	0.24	27.70	16.4	15	1.17
C330345		0.44	<0.005	0.13	0.91	10.1	<10	1330	1.00	0.75	2.27	0.25	22.20	14.5	11	1.03
C330346		0.74	0.036	0.21	1.37	13.8	<10	850	1.58	1.16	0.62	0.22	41.30	25.8	17	1.12
C330347		0.50	0.011	0.16	1.04	10.5	<10	880	1.08	1.07	1.22	0.22	25.10	19.3	13	0.89
C330348		0.50	0.009	0.14	0.95	8.2	<10	700	1.00	0.68	1.47	0.25	24.90	16.7	13	0.74
C330349		0.62	<0.005	0.18	0.80	56.5	<10	1950	0.90	8.53	0.36	0.10	17.55	30.4	4	0.67
C330350		0.50	<0.005	0.18	1.01	9.7	<10	660	1.23	1.40	0.42	0.85	23.00	18.3	11	1.72
C330351		0.44	<0.005	0.11	1.17	11.8	<10	220	0.94	1.29	0.23	2.42	32.70	19.6	13	1.94
C330352		0.66	0.011	0.29	1.53	17.2	<10	220	2.11	1.64	0.34	0.59	40.90	23.7	22	2.18
C330353		0.60	<0.005	0.05	0.63	2.5	<10	150	1.86	0.24	1.31	0.16	40.50	15.5	9	1.68
C330354		0.46	<0.005	0.09	2.03	7.8	<10	280	1.36	0.53	1.14	0.49	39.10	13.4	21	1.47
C330355		0.52	<0.005	0.10	1.48	8.9	<10	320	1.31	0.77	1.48	0.50	30.50	12.2	16	1.10
C330356		0.46	<0.005	0.10	1.44	6.7	<10	320	0.99	0.58	2.54	0.68	26.50	11.0	15	1.39
C330357		0.72	<0.005	0.08	0.61	2	<10	90	0.44	0.17	12.65	0.16	14.55	6.2	6	1.04
C330358		0.62	<0.005	0.16	1.20	6.6	<10	250	1.02	0.33	6.90	0.32	24.80	10.4	13	1.57
C330359		0.52	<0.005	0.12	1.83	8.7	10	390	1.29	0.99	2.09	0.97	37.10	14.4	19	1.38
C330360		0.14	0.056	1.06	4.33	42	20	450	0.63	0.04	14.10	0.02	22.00	46.4	56	2.04

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 20-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095381

Sample Description	Method Analyte Units LOR	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
C330321		95.7	3.10	4.86	0.08	0.03	0.05	0.031	0.07	22.9	13.8	0.41	468	1.40	<0.01	0.85
C330322		98.0	3.10	4.51	0.10	0.04	0.05	0.026	0.08	26.7	13.6	0.41	450	1.66	<0.01	0.77
C330323		90.3	4.28	5.40	0.11	0.02	0.04	0.032	0.08	34.7	13.1	0.54	1800	1.40	<0.01	0.57
C330324		44.9	2.72	4.90	0.11	0.02	0.03	0.021	0.08	34.4	12.4	0.71	599	1.08	<0.01	0.55
C330325		43.5	4.09	6.15	0.10	0.02	0.07	0.032	0.09	26.0	11.4	0.29	2040	1.47	<0.01	0.93
C330326		56.1	3.36	5.23	0.12	0.02	0.03	0.028	0.09	34.6	13.5	0.41	928	1.19	<0.01	0.82
C330327		65.9	2.97	4.61	0.09	0.04	0.06	0.028	0.09	26.3	12.8	0.42	603	1.10	<0.01	0.90
C330328		62.4	3.45	5.54	0.09	0.02	0.04	0.035	0.08	24.8	14.5	0.43	1120	1.51	<0.01	0.98
C330329		54.6	4.11	6.34	0.08	0.03	0.10	0.038	0.08	19.0	19.3	0.47	1080	1.42	<0.01	1.21
C330330		27.5	3.33	5.78	0.07	0.04	0.08	0.030	0.07	16.8	16.4	0.29	485	1.36	<0.01	1.32
C330331		49.5	3.46	5.43	0.07	0.03	0.04	0.030	0.08	18.6	15.2	0.39	791	1.44	<0.01	1.04
C330332		59.3	5.13	5.79	0.09	0.03	0.05	0.115	0.08	19.6	12.6	0.32	3670	1.66	<0.01	0.87
C330333		80.3	3.84	2.22	0.08	0.17	0.27	0.160	0.09	14.9	5.3	0.36	2820	3.61	0.02	0.32
C330334		68.4	4.80	3.24	0.10	0.08	0.18	0.141	0.13	15.0	10.4	0.94	2830	2.61	0.02	0.28
C330335		70.5	3.87	2.94	0.08	0.06	0.18	0.103	0.10	11.6	10.8	1.33	1890	2.68	0.02	0.29
C330336		51.7	3.67	2.77	0.08	0.07	0.17	0.086	0.09	14.3	11.0	1.62	1400	1.89	0.02	0.32
C330337		78.2	3.65	3.66	0.08	0.07	0.55	0.100	0.09	13.7	13.0	0.68	1710	3.43	0.02	0.36
C330338		45.6	3.85	3.35	0.07	0.07	0.22	0.095	0.09	11.8	11.3	0.54	2000	2.08	0.01	0.33
C330339		83.9	4.08	3.63	0.09	0.08	0.22	0.114	0.11	16.7	12.8	0.59	2000	2.99	0.01	0.40
C330340		83.2	4.04	3.53	0.10	0.07	0.27	0.114	0.10	16.5	12.4	0.58	2150	2.97	0.01	0.38
C330341		66.9	2.15	2.28	0.07	0.06	0.17	0.059	0.06	8.6	8.5	0.63	1230	1.24	0.01	0.29
C330342		87.5	3.43	3.21	0.08	0.08	0.19	0.088	0.10	12.6	12.1	0.79	1920	1.85	0.01	0.40
C330343		57.3	3.98	4.00	0.08	0.07	0.12	0.109	0.10	12.8	13.4	0.62	2690	1.84	0.01	0.41
C330344		55.2	3.92	3.61	0.09	0.06	0.15	0.092	0.10	13.3	12.7	0.97	1920	1.59	0.01	0.38
C330345		69.2	3.02	2.91	0.07	0.07	0.10	0.091	0.09	10.5	10.2	0.68	2060	1.17	0.01	0.34
C330346		53.0	4.95	4.37	0.10	0.10	0.26	0.152	0.12	19.9	13.7	0.63	3940	1.74	0.01	0.38
C330347		83.6	3.39	3.37	0.08	0.06	0.16	0.087	0.10	12.1	10.9	0.53	2330	6.33	0.01	0.38
C330348		29.5	3.07	3.06	0.08	0.05	0.13	0.083	0.08	12.0	9.5	0.52	2470	1.39	<0.01	0.32
C330349		344.0	7.70	2.04	0.09	0.15	0.11	0.302	0.08	7.6	5.8	0.28	5190	4.24	<0.01	0.11
C330350		40.9	3.08	3.78	0.06	0.04	0.08	0.128	0.13	10.8	7.1	0.20	3100	1.25	0.01	0.34
C330351		46.5	3.78	4.75	0.07	0.04	0.04	0.105	0.11	14.5	12.3	0.23	1910	1.31	0.01	0.50
C330352		63.2	3.61	4.97	0.09	0.07	0.07	0.102	0.20	18.1	16.2	0.47	1470	1.26	0.01	0.69
C330353		9.9	3.28	1.91	0.09	0.10	0.05	0.061	0.16	19.3	4.0	0.69	2460	0.45	0.01	0.13
C330354		20.7	4.03	5.82	0.09	0.08	0.05	0.075	0.12	16.6	21.4	0.94	1780	1.11	0.01	0.59
C330355		25.0	3.52	4.20	0.07	0.08	0.07	0.064	0.15	13.0	16.4	1.01	1470	0.96	0.01	0.41
C330356		18.9	3.18	3.92	0.08	0.08	0.07	0.058	0.15	11.2	13.6	1.53	1480	0.80	0.01	0.38
C330357		13.9	1.51	1.61	0.05	0.06	0.03	0.021	0.10	6.5	7.2	7.98	724	0.38	0.02	0.21
C330358		20.7	2.69	3.24	0.07	0.07	0.06	0.047	0.13	12.0	12.7	4.46	1090	0.69	0.02	0.34
C330359		25.8	3.65	5.23	0.08	0.10	0.04	0.068	0.16	16.5	18.5	1.03	2130	1.00	0.01	0.58
C330360		2410.0	12.45	13.35	0.31	0.41	0.01	0.510	0.42	13.8	21.9	2.33	2840	5.47	0.13	0.10

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 20-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095381

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C330321		27.8	430	18.8	12.6	<0.001	0.02	1.02	2.4	0.5	0.4	7.8	<0.01	0.06	9.1	0.028
C330322		37.1	910	21.9	13.2	<0.001	0.04	1.36	2.0	0.6	0.4	13.0	0.01	0.08	7.6	0.027
C330323		31.8	490	31.6	13.6	<0.001	0.02	1.43	4.9	0.2	0.3	9.0	<0.01	0.05	11.2	0.021
C330324		22.6	540	22.1	11.0	<0.001	0.02	0.94	2.2	0.2	0.4	10.0	<0.01	0.04	7.5	0.024
C330325		16.9	1180	24.6	16.9	<0.001	0.04	0.96	2.0	0.5	0.5	7.6	0.01	0.10	7.5	0.025
C330326		24.0	660	21.1	15.2	<0.001	0.01	0.92	2.8	0.4	0.4	8.7	<0.01	0.05	10.0	0.033
C330327		22.6	670	19.8	13.5	<0.001	0.02	1.00	2.5	0.3	0.4	11.4	<0.01	0.06	14.2	0.027
C330328		25.0	770	26.6	16.8	<0.001	0.03	1.07	2.5	0.5	0.5	9.8	<0.01	0.08	7.1	0.037
C330329		26.4	600	30.5	16.1	<0.001	0.03	1.00	2.9	0.4	0.5	9.2	0.01	0.07	8.3	0.031
C330330		17.6	470	15.5	15.4	<0.001	0.02	1.00	2.2	0.4	0.5	7.7	0.01	0.06	8.7	0.026
C330331		21.7	520	16.9	15.4	<0.001	0.02	1.31	2.3	0.3	0.5	7.6	<0.01	0.05	10.3	0.028
C330332		28.8	520	27.0	19.3	<0.001	0.02	2.33	2.9	0.4	0.5	7.7	0.01	0.07	21.4	0.022
C330333		12.6	770	11.3	10.3	0.001	0.13	0.62	4.0	1.0	0.3	55.9	0.06	0.18	3.9	0.007
C330334		24.5	590	22.5	11.3	0.001	0.07	0.86	5.0	0.6	0.4	23.4	0.01	0.08	4.3	0.009
C330335		21.3	630	20.7	9.7	<0.001	0.09	0.78	5.3	0.7	0.3	41.8	<0.01	0.08	4.0	0.009
C330336		21.1	530	18.4	8.9	0.001	0.07	0.77	5.5	0.5	0.4	39.7	<0.01	0.07	5.4	0.012
C330337		26.4	830	20.6	11.0	0.001	0.10	0.72	6.4	1.4	0.4	40.9	<0.01	0.29	2.7	0.011
C330338		19.8	690	22.0	8.5	<0.001	0.07	0.73	5.5	0.7	0.4	24.4	<0.01	0.10	3.1	0.010
C330339		24.5	880	17.4	10.3	0.001	0.06	0.73	8.1	1.1	0.4	15.2	<0.01	0.15	4.5	0.014
C330340		23.8	900	17.4	10.6	0.001	0.06	0.71	7.7	1.0	0.4	14.6	<0.01	0.17	4.4	0.014
C330341		14.5	990	18.0	8.1	<0.001	0.14	0.64	2.6	0.9	0.3	24.8	0.01	0.04	0.9	0.007
C330342		21.5	800	24.2	9.9	0.001	0.07	0.77	5.8	1.0	0.4	17.1	0.01	0.09	3.0	0.010
C330343		24.0	740	27.4	12.3	<0.001	0.07	0.87	5.9	0.9	0.4	15.3	<0.01	0.07	3.8	0.011
C330344		32.7	800	33.4	11.5	<0.001	0.08	0.86	4.8	0.7	0.4	14.4	<0.01	0.07	3.0	0.011
C330345		19.0	960	16.8	10.7	<0.001	0.11	0.68	4.4	0.7	0.3	23.5	<0.01	0.07	2.6	0.009
C330346		29.3	500	30.7	13.8	<0.001	0.03	1.08	8.5	0.7	0.6	10.4	0.01	0.34	9.7	0.012
C330347		20.7	730	21.0	12.3	<0.001	0.08	0.77	4.5	0.8	0.4	14.1	<0.01	0.32	3.7	0.011
C330348		18.5	890	19.2	11.0	<0.001	0.08	0.70	4.6	0.7	0.3	13.4	<0.01	0.21	3.1	0.011
C330349		29.6	530	13.7	7.1	0.001	0.14	1.46	2.7	0.4	0.2	30.1	0.01	0.06	7.7	<0.005
C330350		15.3	700	23.5	13.4	<0.001	0.07	1.04	2.3	0.4	0.4	13.4	0.01	0.05	2.3	0.010
C330351		15.8	400	25.2	15.1	<0.001	0.03	1.14	2.9	<0.2	0.6	7.8	<0.01	0.05	7.1	0.011
C330352		27.2	500	28.9	21.9	<0.001	0.03	1.18	4.6	0.2	0.6	11.8	<0.01	0.05	5.1	0.021
C330353		37.5	540	12.2	12.8	<0.001	0.04	0.87	3.7	0.2	0.2	15.8	<0.01	0.03	3.8	0.005
C330354		20.3	330	44.6	16.3	<0.001	0.04	0.83	6.5	0.2	0.7	12.5	<0.01	0.06	4.0	0.009
C330355		18.2	640	37.5	11.7	<0.001	0.06	0.93	5.1	0.2	0.5	11.4	<0.01	0.05	2.5	0.009
C330356		17.1	810	42.0	15.1	<0.001	0.07	0.83	4.1	0.2	0.5	12.7	<0.01	0.05	1.8	0.008
C330357		9.4	380	20.0	6.0	<0.001	0.03	0.45	2.6	<0.2	0.2	37.0	<0.01	0.04	1.8	0.007
C330358		16.9	750	32.4	11.3	<0.001	0.05	0.72	4.1	<0.2	0.4	21.8	<0.01	0.04	2.0	0.009
C330359		20.1	410	48.1	14.9	<0.001	0.04	0.84	5.9	0.2	0.6	15.7	<0.01	0.05	3.7	0.011
C330360		31.5	1610	3.3	17.1	0.001	0.19	2.08	9.3	<0.2	0.9	283.0	0.01	0.02	2.3	0.198

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CERTIFICATE OF ANALYSIS VA06095381

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C330321		0.15	4.65	36	0.23	4.38	55	0.8
C330322		0.15	8.61	32	0.17	9.85	58	0.8
C330323		0.14	5.58	46	0.19	7.81	76	<0.5
C330324		0.10	3.52	30	0.15	5.77	58	<0.5
C330325		0.15	2.47	41	0.18	4.10	61	0.5
C330326		0.14	3.02	38	0.18	6.07	55	<0.5
C330327		0.12	2.81	33	0.18	6.12	60	1.2
C330328		0.18	2.57	43	0.21	4.93	76	0.5
C330329		0.16	1.96	56	0.21	4.12	70	0.8
C330330		0.13	1.31	43	0.23	2.50	61	1.2
C330331		0.13	1.78	41	0.22	3.50	69	0.9
C330332		0.17	3.49	39	0.18	8.32	73	0.6
C330333		0.18	4.84	17	0.22	5.26	37	2.9
C330334		0.27	1.31	23	0.16	13.95	76	1.8
C330335		0.17	2.45	22	0.14	11.05	81	1.9
C330336		0.12	1.65	23	0.21	12.65	59	2.0
C330337		0.11	7.65	27	0.17	14.80	92	1.9
C330338		0.10	5.58	26	0.15	12.15	76	1.7
C330339		0.09	4.28	31	0.20	16.65	80	1.9
C330340		0.09	4.42	31	0.22	16.20	74	1.8
C330341		0.10	3.68	16	0.08	15.00	75	1.5
C330342		0.13	2.99	24	0.14	15.25	90	1.8
C330343		0.13	4.10	29	0.16	15.95	116	1.9
C330344		0.14	2.18	28	0.13	14.70	119	1.7
C330345		0.10	2.14	20	0.15	15.85	85	1.8
C330346		0.16	3.02	31	0.34	27.50	85	2.6
C330347		0.24	4.48	25	0.20	14.85	76	1.6
C330348		0.09	3.77	23	0.21	18.95	81	1.2
C330349		0.73	2.35	9	0.06	11.00	35	4.3
C330350		0.17	0.96	22	0.07	8.51	99	0.8
C330351		0.17	0.94	29	0.08	5.62	113	1.2
C330352		0.24	1.44	34	0.12	10.00	119	1.9
C330353		0.11	0.64	11	<0.05	12.35	68	3.4
C330354		0.18	0.79	38	0.11	13.25	245	1.9
C330355		0.14	0.87	29	0.10	11.55	179	1.6
C330356		0.13	1.16	26	0.11	10.10	217	1.8
C330357		0.07	0.64	11	0.06	6.98	73	1.5
C330358		0.13	0.91	22	0.09	13.10	114	1.6
C330359		0.16	0.74	35	0.11	14.25	347	2.1
C330360		0.10	3.63	121	9.85	17.05	147	19.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 20-OCT-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095381

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C330361		0.62	<0.005	0.13	0.87	5.3	<10	130	0.80	0.30	8.75	0.27	22.40	9.9	11	1.25
C330362		0.50	<0.005	0.13	1.56	8.7	<10	240	1.47	0.46	3.05	0.76	36.00	12.5	17	1.68
C330363		0.56	<0.005	0.23	1.58	9.7	<10	330	1.79	0.65	4.84	0.76	36.40	14.5	16	3.26
C330364		0.48	<0.005	0.16	1.22	7.2	10	210	1.01	0.32	4.34	0.70	24.70	10.5	13	1.11
C330365		0.44	0.006	0.07	1.17	10.0	<10	1160	2.43	0.37	1.68	0.14	42.40	11.8	14	4.71
C330366		0.42	0.009	0.16	2.39	11.3	<10	630	1.38	0.55	1.68	1.07	37.50	14.5	22	1.85
C330367		0.50	<0.005	0.14	2.16	9.3	<10	970	1.72	0.53	0.74	0.59	49.70	16.6	21	2.17
C330368		0.58	<0.005	0.36	0.88	8.4	10	600	1.04	0.51	8.89	1.29	26.70	11.7	9	4.27
C330369		0.46	<0.005	0.21	2.19	9.2	<10	400	1.64	0.70	1.69	0.57	43.40	15.1	20	3.07
C330370		0.56	<0.005	0.21	0.37	2	<10	30	0.22	0.07	18.15	0.71	8.06	2.9	4	0.41
C330371		0.48	<0.005	0.53	1.46	12.4	10	100	1.59	0.79	4.46	0.73	40.70	27.5	14	2.86
C330372		0.66	<0.005	0.50	0.27	15	<10	20	0.24	0.10	18.10	1.17	7.33	4.6	4	0.81
C330373		0.54	<0.005	0.37	0.38	8	10	30	0.44	0.15	16.15	0.79	11.95	6.7	5	0.72
C330374		0.54	<0.005	0.16	0.49	2	10	70	0.44	0.15	14.10	0.37	17.05	6.4	5	0.66
C330375		0.60	0.011	0.23	1.56	106.5	<10	290	1.52	3.34	0.95	1.53	66.30	70.3	13	2.08
C330376		0.74	0.006	0.14	1.50	55.4	<10	240	1.11	4.94	0.33	0.32	88.30	39.9	16	1.66
C330377		0.72	0.005	1.50	1.44	492.0	<10	440	1.07	3.63	0.63	3.77	67.80	57.7	13	1.76
C330378		0.66	0.007	0.17	1.85	33.1	<10	610	1.80	1.58	0.48	0.55	82.70	66.8	15	2.37
C330379		0.64	<0.005	0.12	1.61	31.6	<10	830	1.14	1.08	1.07	0.46	82.80	37.6	12	2.22
C330380		0.54	<0.005	0.12	1.64	29.2	<10	880	1.10	2.48	1.19	0.44	80.40	38.2	11	2.15
C330381		0.78	0.007	0.15	1.30	31.4	<10	710	0.76	3.54	1.41	0.06	39.80	46.6	10	2.05
C330382		0.62	0.005	0.10	1.58	10.7	<10	490	1.01	1.61	0.57	0.22	62.90	41.1	12	0.80
C330383		0.64	0.006	0.08	1.41	9.9	<10	370	0.73	1.52	0.33	0.33	66.10	33.5	12	0.94
C330384		0.60	0.023	0.08	1.29	7.5	<10	690	0.66	1.43	0.61	0.34	70.80	24.3	12	1.18
C330385		0.64	0.005	0.06	1.01	18.8	<10	160	0.64	2.54	1.80	0.07	40.80	36.1	9	1.80
C330386		0.74	<0.005	0.03	1.18	7.3	<10	280	0.91	1.64	2.84	0.08	56.50	37.9	9	2.19
C330387		0.64	<0.005	0.05	1.42	4.7	<10	480	0.65	1.80	0.94	0.19	63.40	31.1	12	1.61
C330388		0.78	<0.005	0.05	1.41	45.8	<10	230	0.46	3.01	3.78	0.05	40.60	50.7	13	1.16
C330389		0.70	0.005	0.07	1.39	57.8	<10	280	0.67	2.86	1.23	0.07	46.50	61.1	12	1.54
C330390		0.76	0.005	0.09	2.36	5.8	<10	630	1.22	6.31	0.27	0.29	103.00	50.6	16	7.24
C330391		0.66	0.010	0.08	1.95	6.8	<10	440	0.93	20.50	0.28	0.26	150.50	62.4	17	6.66
C330392		0.68	<0.005	0.05	2.28	5.4	<10	310	1.01	5.75	0.25	0.21	118.00	49.4	16	5.12
C330393		0.64	<0.005	0.07	2.04	5.9	<10	540	1.00	7.64	0.35	0.36	174.50	38.1	20	9.48
C330394		0.74	0.011	0.09	1.38	69.6	<10	370	0.83	3.44	0.47	0.11	63.70	61.2	12	2.09
C330395		0.60	0.006	0.12	1.55	48.6	<10	80	1.37	2.14	0.08	0.11	29.20	29.1	20	3.94
C330396		0.48	<0.005	0.17	1.54	65.8	<10	60	1.99	2.16	0.10	0.09	31.00	26.9	20	4.81
C330397		0.62	0.006	0.17	1.90	39.7	<10	80	1.30	4.90	0.06	0.18	29.50	58.8	24	6.85
C330398		0.86	0.011	0.32	1.36	211.0	<10	70	3.27	4.10	0.09	0.16	32.30	140.0	13	2.86
C330399		0.82	0.012	0.22	1.40	331.0	<10	120	4.67	7.01	0.02	0.19	23.70	330.0	12	3.40
C330400		0.78	0.010	0.22	1.40	341.0	<10	120	4.56	7.15	0.02	0.21	24.20	333.0	12	3.54

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 20-OCT-2006
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CERTIFICATE OF ANALYSIS VA06095381

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C330361		27.6	2.32	2.28	0.07	0.07	0.06	0.036	0.12	10.8	9.8	5.16	995	0.64	0.02	0.25
C330362		21.4	3.27	4.24	0.08	0.10	0.08	0.056	0.11	16.1	17.4	1.89	1890	0.91	0.02	0.47
C330363		132.0	3.45	4.24	0.09	0.13	0.11	0.099	0.16	15.5	18.5	3.60	2750	0.92	0.02	0.34
C330364		20.6	2.60	3.37	0.07	0.09	0.05	0.044	0.13	10.4	15.2	2.34	1570	0.85	0.02	0.35
C330365		12.3	3.35	3.44	0.11	0.19	0.18	0.204	0.16	19.6	16.8	0.51	5230	1.09	0.01	0.34
C330366		24.4	4.40	6.75	0.09	0.11	0.05	0.075	0.15	16.3	24.3	1.34	2350	1.39	0.01	0.55
C330367		22.9	4.13	6.40	0.10	0.11	0.06	0.095	0.16	20.0	20.5	0.64	3260	1.04	0.01	0.51
C330368		135.0	1.82	2.56	0.08	0.13	0.08	0.028	0.11	11.7	15.9	5.33	1740	0.81	0.02	0.16
C330369		75.8	3.95	5.98	0.10	0.09	0.05	0.068	0.15	19.2	32.3	1.53	2230	1.00	0.02	0.33
C330370		6.8	0.80	0.92	<0.05	0.05	0.06	0.014	0.04	3.5	5.3	11.35	731	0.42	0.03	0.09
C330371		87.1	2.83	4.12	0.09	0.10	0.09	0.052	0.11	19.3	25.8	2.51	1740	1.17	0.02	0.20
C330372		9.7	1.29	0.71	<0.05	0.03	0.09	0.018	0.05	3.1	4.3	11.35	520	1.94	0.03	0.06
C330373		14.1	1.37	1.04	<0.05	0.05	0.07	0.017	0.08	5.3	4.6	8.25	556	2.03	0.03	0.07
C330374		8.7	1.35	1.41	0.06	0.07	0.04	0.023	0.09	7.8	6.3	8.78	789	0.58	0.03	0.10
C330375		609.0	6.22	4.55	0.16	0.12	0.11	0.154	0.05	31.8	25.2	0.87	7980	6.56	0.01	0.13
C330376		363.0	4.47	4.82	0.15	0.08	0.04	0.080	0.05	43.9	26.9	0.80	3420	4.12	0.01	0.15
C330377		305.0	5.25	4.31	0.14	0.10	0.08	0.122	0.06	33.3	21.6	0.89	6840	5.58	0.01	0.14
C330378		154.0	6.47	5.41	0.16	0.18	0.10	0.205	0.09	40.5	30.4	0.94	8100	5.48	0.01	0.18
C330379		169.0	5.35	4.68	0.15	0.13	0.06	0.242	0.06	38.7	28.3	0.96	7900	5.81	0.01	0.15
C330380		166.5	5.35	4.68	0.15	0.14	0.06	0.239	0.06	38.1	29.1	0.98	8070	5.99	0.01	0.15
C330381		135.5	7.64	3.56	0.13	0.09	0.02	0.093	0.07	19.6	16.4	1.20	5710	8.62	0.01	0.23
C330382		150.0	6.66	4.42	0.13	0.14	0.03	0.107	0.07	28.0	17.3	0.89	10000	2.96	0.01	0.09
C330383		122.0	4.47	4.47	0.12	0.07	0.05	0.072	0.05	29.5	16.5	0.86	5820	2.49	0.01	0.15
C330384		100.5	4.52	4.46	0.14	0.08	0.06	0.100	0.08	34.2	12.9	0.79	6560	1.80	0.01	0.16
C330385		39.8	4.29	2.98	0.10	0.06	0.02	0.043	0.07	19.4	17.2	0.99	2740	3.29	0.01	0.10
C330386		78.6	4.68	3.24	0.12	0.07	0.02	0.073	0.11	25.8	18.3	1.35	4730	2.49	0.01	<0.05
C330387		112.5	3.69	4.07	0.12	0.07	0.04	0.089	0.10	30.5	21.7	0.96	6500	1.33	0.01	0.08
C330388		190.5	4.73	3.79	0.10	0.05	0.02	0.049	0.10	19.1	22.8	1.00	3270	2.72	0.01	0.09
C330389		284.0	5.19	3.77	0.11	0.06	0.02	0.064	0.10	21.6	21.8	0.90	3990	3.62	0.01	0.09
C330390		625.0	5.35	9.15	0.19	0.10	0.09	0.102	0.12	48.7	31.5	2.00	7220	1.20	0.01	0.19
C330391		161.5	4.31	8.32	0.22	0.09	0.05	0.097	0.09	72.5	25.1	1.68	5910	0.65	0.01	0.15
C330392		151.5	5.02	8.75	0.19	0.09	0.05	0.081	0.11	56.1	32.1	1.92	5790	0.56	0.01	0.12
C330393		485.0	4.53	9.73	0.23	0.10	0.07	0.119	0.09	79.3	26.3	1.56	5840	1.04	0.01	0.16
C330394		625.0	6.32	4.17	0.13	0.08	0.03	0.105	0.11	30.9	19.5	0.86	6060	4.83	0.01	0.14
C330395		168.0	4.82	5.99	0.09	0.02	0.05	0.115	0.08	13.5	13.4	0.34	700	4.43	0.02	0.56
C330396		355.0	4.57	5.26	0.09	0.03	0.11	0.164	0.09	14.8	15.3	0.41	639	4.36	0.02	0.59
C330397		130.0	6.10	6.09	0.09	0.03	0.10	0.117	0.08	12.6	16.6	0.38	1760	4.21	0.01	0.70
C330398		925.0	8.75	4.50	0.13	0.08	0.05	0.291	0.07	14.7	15.4	0.45	5860	8.04	0.01	0.16
C330399		746.0	8.88	4.08	0.12	0.06	0.04	0.232	0.07	10.0	14.4	0.31	5940	6.99	0.01	0.18
C330400		769.0	9.06	4.08	0.12	0.07	0.05	0.238	0.07	10.1	14.2	0.31	6050	7.04	0.01	0.19

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C330361		14.7	580	29.4	8.4	<0.001	0.04	0.71	3.7	0.2	0.3	29.3	<0.01	0.04	2.1	0.009
C330362		19.1	730	47.0	12.8	<0.001	0.07	0.79	5.3	0.3	0.5	15.3	0.01	0.05	2.5	0.009
C330363		19.5	1090	36.1	15.2	<0.001	0.06	0.87	5.6	0.5	0.5	18.4	0.01	0.07	2.6	0.011
C330364		15.5	780	40.9	10.3	<0.001	0.11	0.68	3.4	<0.2	0.4	25.5	<0.01	0.04	1.4	0.008
C330365		20.1	1110	23.4	17.0	<0.001	0.10	1.30	7.1	0.9	0.5	23.8	0.01	0.20	2.1	0.012
C330366		21.1	560	93.5	17.3	<0.001	0.05	1.09	6.7	<0.2	0.8	14.3	<0.01	0.06	3.1	0.009
C330367		21.9	430	50.7	18.2	<0.001	0.04	0.91	9.7	0.3	0.8	11.6	<0.01	0.06	4.4	0.008
C330368		12.9	780	74.7	9.7	<0.001	0.11	0.99	3.4	0.4	0.3	39.9	<0.01	0.04	1.9	0.005
C330369		22.6	670	52.0	17.4	<0.001	0.06	0.96	7.0	<0.2	0.6	12.1	<0.01	0.05	2.7	0.006
C330370		3.8	600	57.6	3.1	<0.001	0.10	0.42	1.5	0.3	<0.2	33.5	<0.01	0.03	0.5	<0.005
C330371		19.1	1030	111.5	12.2	<0.001	0.12	1.25	4.2	0.5	0.5	32.4	0.01	0.03	1.2	0.005
C330372		5.8	580	66.5	2.8	0.001	0.10	1.75	1.7	0.4	<0.2	43.3	<0.01	0.04	0.6	<0.005
C330373		8.9	580	125.0	4.4	0.001	0.07	1.17	2.4	0.5	0.2	67.9	<0.01	0.04	0.6	<0.005
C330374		8.1	690	26.9	4.8	<0.001	0.08	0.59	2.8	0.3	0.2	46.7	<0.01	0.04	0.7	<0.005
C330375		98.1	2000	20.0	8.5	0.001	0.13	1.60	5.3	0.9	0.2	22.0	0.01	0.22	23.2	0.008
C330376		47.8	1290	12.9	5.6	<0.001	0.04	1.18	3.7	0.6	0.2	9.8	0.01	0.26	22.3	0.007
C330377		70.6	1260	241.0	6.8	<0.001	0.11	9.34	4.2	1.0	0.2	26.3	0.01	0.17	23.4	0.006
C330378		48.7	1330	28.5	12.9	0.001	0.12	1.21	6.2	1.3	0.2	20.6	0.01	0.13	19.9	0.008
C330379		38.4	1370	29.1	11.2	<0.001	0.09	1.23	4.8	0.9	0.2	27.0	0.01	0.16	15.6	0.007
C330380		39.4	1390	27.4	11.1	<0.001	0.09	1.25	4.8	1.0	0.2	29.7	0.01	0.14	15.1	0.007
C330381		49.5	890	7.8	7.3	0.001	0.22	0.59	4.4	0.5	<0.2	15.1	0.01	0.07	22.6	<0.005
C330382		39.6	1160	11.0	10.2	<0.001	0.10	0.53	4.0	0.8	<0.2	15.2	0.02	0.05	13.8	0.005
C330383		31.1	980	10.7	9.5	<0.001	0.05	0.45	3.4	0.7	0.2	10.6	0.01	0.06	8.6	0.010
C330384		30.2	1210	14.9	12.6	0.001	0.11	0.51	4.1	0.9	0.2	16.4	0.01	0.07	8.7	0.011
C330385		32.2	840	5.6	7.4	<0.001	0.31	0.45	2.3	0.4	<0.2	20.7	<0.01	0.05	14.0	<0.005
C330386		36.7	910	9.2	11.8	<0.001	0.10	0.66	3.3	0.4	0.2	22.5	0.01	0.04	16.3	<0.005
C330387		30.0	980	11.5	15.5	<0.001	0.02	0.44	3.1	0.7	0.2	19.4	0.01	0.06	7.9	0.007
C330388		34.0	770	6.4	10.3	<0.001	0.05	0.46	2.2	0.2	<0.2	45.8	<0.01	0.06	15.8	0.005
C330389		40.4	840	6.9	11.1	<0.001	0.04	0.62	2.7	0.4	0.2	18.7	<0.01	0.09	16.1	0.005
C330390		61.3	680	30.2	22.3	0.001	<0.01	1.43	4.1	1.0	0.3	14.2	0.01	0.26	14.7	0.018
C330391		53.6	740	37.2	20.3	<0.001	0.01	1.17	3.7	1.4	0.3	12.5	0.01	0.39	10.2	0.021
C330392		65.8	630	22.5	18.8	<0.001	0.02	0.99	3.7	0.8	0.2	11.1	0.01	0.16	14.8	0.014
C330393		47.1	970	35.0	19.4	<0.001	0.06	1.17	4.9	1.2	0.4	14.9	0.01	0.12	13.7	0.018
C330394		47.7	890	9.1	13.1	<0.001	0.08	0.68	4.5	0.5	0.2	11.5	0.01	0.12	16.0	0.008
C330395		39.4	1200	22.2	14.2	<0.001	0.10	1.97	2.9	1.1	0.6	11.9	<0.01	0.17	6.3	0.021
C330396		43.6	1050	24.6	14.6	<0.001	0.08	1.89	3.8	1.4	0.5	13.0	<0.01	0.20	7.8	0.024
C330397		55.1	980	28.8	14.2	<0.001	0.05	2.35	3.8	1.1	0.6	10.8	<0.01	0.15	5.8	0.026
C330398		116.0	590	13.0	8.4	<0.001	<0.01	3.49	6.8	1.0	0.2	7.4	0.01	0.24	91.5	0.009
C330399		130.5	880	19.0	11.4	<0.001	0.01	3.89	6.4	1.3	0.2	4.0	0.01	0.28	100.0	0.007
C330400		131.5	890	19.6	11.4	<0.001	0.01	3.87	6.6	1.3	0.2	4.0	0.01	0.30	103.5	0.007

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 20-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095381

Sample Description	Method Analyte Units LOR	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
C330361		0.09	0.80	17	0.09	11.40	113	1.6
C330362		0.14	1.02	30	0.11	20.20	200	2.0
C330363		0.14	1.26	27	0.13	26.80	168	2.6
C330364		0.12	0.60	23	0.21	12.40	155	2.0
C330365		0.23	0.84	19	0.18	51.60	73	4.0
C330366		0.22	1.15	47	0.11	14.70	417	2.4
C330367		0.19	1.10	39	0.12	18.75	167	2.1
C330368		0.13	1.07	12	0.06	16.25	401	3.7
C330369		0.17	0.99	33	0.08	18.45	238	1.9
C330370		0.05	1.34	10	<0.05	6.25	201	1.4
C330371		0.18	1.08	21	0.06	24.40	376	2.0
C330372		0.20	2.05	18	<0.05	6.46	637	0.9
C330373		0.11	1.42	21	<0.05	9.16	418	1.1
C330374		0.09	1.15	11	<0.05	10.35	166	1.8
C330375		0.24	17.70	14	0.11	43.00	629	2.3
C330376		0.12	16.15	12	0.10	22.40	136	2.3
C330377		0.27	12.50	11	0.11	42.60	1080	1.9
C330378		0.70	25.60	16	0.12	69.30	175	3.8
C330379		0.36	9.87	12	0.10	56.00	172	2.8
C330380		0.38	10.40	12	0.10	56.40	171	2.7
C330381		0.50	5.21	13	0.06	34.20	80	2.9
C330382		0.55	4.74	13	0.08	73.50	100	2.3
C330383		0.51	6.08	16	0.07	39.50	93	0.9
C330384		0.21	7.44	17	0.08	51.30	103	0.8
C330385		0.27	4.04	9	0.05	20.30	59	1.6
C330386		0.18	4.21	12	0.05	32.40	74	1.7
C330387		0.15	2.96	12	0.07	47.00	109	1.1
C330388		0.25	3.97	10	0.05	20.40	81	1.7
C330389		0.26	5.05	12	0.07	22.70	82	2.1
C330390		0.33	11.05	22	0.12	70.20	219	0.8
C330391		0.30	7.84	22	0.09	72.60	173	0.8
C330392		0.20	10.55	21	0.09	66.90	189	0.7
C330393		0.28	9.60	29	0.12	70.10	172	0.7
C330394		0.28	6.64	16	0.12	32.10	88	2.6
C330395		0.20	4.77	39	0.14	10.60	68	<0.5
C330396		0.22	6.54	36	0.16	13.95	65	0.9
C330397		0.34	5.36	44	0.17	7.86	91	0.6
C330398		0.16	20.00	15	0.08	25.00	53	4.9
C330399		0.21	16.15	15	0.07	26.40	64	2.9
C330400		0.21	16.70	15	0.08	27.00	65	2.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 20-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095381

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C330401		0.66	0.007	0.15	1.73	106.5	<10	90	3.69	4.29	0.05	0.23	26.60	118.0	19	6.08
C330402		0.70	<0.005	0.08	1.22	73.2	<10	150	1.63	1.70	0.23	0.30	25.60	62.0	11	3.31
C330403		0.84	0.008	0.17	1.07	116.0	<10	160	1.82	4.90	0.13	0.44	46.10	105.5	12	2.18
C330404		0.76	<0.005	0.12	1.88	109.5	<10	120	3.60	3.38	0.07	0.35	79.70	125.5	21	3.33
C330405		0.64	0.016	0.22	0.78	362.0	<10	120	0.81	5.35	0.52	0.18	30.70	91.7	9	1.06
C330406		0.66	0.009	0.22	0.59	100.0	<10	160	0.45	8.14	0.85	0.13	19.20	100.5	3	0.47
C330407		0.52	0.013	0.13	0.44	44.8	<10	80	0.64	5.48	0.72	0.15	25.30	45.0	7	0.41
C330408		0.70	0.014	0.16	0.23	76.2	<10	50	0.26	6.23	5.03	0.08	14.40	41.8	2	0.38
C330409		0.88	<0.005	0.33	1.83	152.0	<10	60	2.04	6.75	0.06	0.09	62.60	118.5	15	1.79
C330410		0.88	0.006	0.31	1.79	122.5	<10	110	2.88	9.61	0.06	0.12	69.20	135.0	15	2.64
C330411		1.02	<0.005	0.27	1.22	129.5	<10	140	2.11	6.70	0.11	0.17	74.40	124.5	11	2.66
C330412		0.74	0.008	0.25	1.86	207.0	<10	140	2.90	4.99	0.11	0.47	48.30	162.5	16	3.44
C330413		0.88	<0.005	0.18	0.21	22.5	<10	50	1.07	5.14	0.02	0.21	48.20	17.3	3	1.54
C330414		1.10	<0.005	0.13	0.37	19.3	<10	30	1.21	2.58	0.02	0.20	46.90	21.1	4	1.79
C330415		0.92	<0.005	0.31	0.41	20.1	<10	30	1.34	3.15	0.02	0.14	56.10	22.2	4	1.61
C330416		0.70	<0.005	0.05	0.68	15.6	<10	60	0.94	1.54	0.03	0.15	36.90	18.6	10	3.06
C330417		0.78	<0.005	0.15	0.75	14.3	<10	60	0.69	1.16	0.04	0.26	34.60	21.0	10	2.13
C330418		0.74	<0.005	0.05	0.67	12.8	<10	50	0.82	1.64	0.04	0.19	39.60	14.5	10	1.82
C330419		0.78	<0.005	0.09	1.03	14.6	<10	70	0.82	1.40	0.08	0.18	43.00	14.1	16	1.58
C330420		0.12	0.074	1.47	4.49	30	20	470	0.67	0.04	14.55	0.02	23.40	48.4	58	2.16
C330421		0.80	0.005	0.06	1.20	14.7	<10	90	0.73	1.16	0.05	0.19	30.70	17.6	19	2.05
C330422		0.76	0.005	0.05	1.24	13.8	<10	80	0.68	1.27	0.06	0.16	36.80	14.9	22	2.13
C330423		0.58	<0.005	0.06	1.32	12.0	<10	90	0.39	0.81	0.07	0.12	26.20	8.4	24	1.71
C330424		0.76	<0.005	0.22	1.36	20.3	<10	100	1.59	3.49	0.07	0.30	34.40	24.7	18	3.84
C330425		0.80	0.011	0.06	1.67	12.6	<10	100	1.00	1.21	0.04	0.22	42.00	25.5	20	2.19
C330426		1.02	0.005	0.04	1.39	11.9	<10	60	0.50	1.51	0.03	0.09	46.40	18.0	18	1.33
C330427		0.74	<0.005	0.05	1.40	12.8	<10	90	0.93	1.15	0.05	0.15	34.70	15.5	20	1.91
C330428		0.74	0.007	0.04	1.43	11.7	<10	70	0.49	0.76	0.04	0.12	40.80	15.0	20	1.30
C330429		0.92	0.007	0.16	1.25	18.0	<10	90	0.80	2.20	0.03	0.31	44.60	35.0	16	2.11
C330430		0.90	0.006	0.07	1.29	13.6	<10	80	0.83	1.05	0.04	0.19	38.50	26.7	18	2.31
C330431		0.66	0.030	0.19	1.67	51.6	<10	110	1.12	2.84	0.05	0.33	41.70	52.7	23	3.15
C330432		0.60	<0.005	0.04	1.46	13.7	<10	90	0.66	1.17	0.03	0.13	52.30	19.5	18	1.58
C330433		0.58	0.008	0.07	1.51	10.9	<10	80	0.56	1.16	0.05	0.23	32.30	18.6	18	2.01
C330434		0.52	<0.005	0.15	1.90	15.2	<10	200	0.98	2.44	0.16	0.21	35.20	18.9	24	2.95
C330435		0.60	<0.005	0.08	1.81	12.1	<10	100	0.51	0.90	0.06	0.18	36.40	12.7	23	1.79
C330436		0.68	<0.005	0.09	1.74	15.5	<10	160	0.70	1.07	0.08	0.21	40.50	20.1	23	2.11
C330437		0.62	<0.005	0.07	1.78	14.9	<10	130	0.85	1.24	0.06	0.23	37.10	22.3	26	2.64
C330438		0.68	<0.005	0.07	1.77	15.3	<10	130	0.84	0.94	0.07	0.37	45.00	25.6	25	2.56
C330439		0.68	<0.005	0.07	1.75	13.3	<10	80	0.60	0.88	0.07	0.21	35.90	16.8	25	2.00
C330440		0.64	<0.005	0.07	1.70	14.1	<10	80	0.61	0.94	0.06	0.20	34.90	17.9	24	1.86

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06095381

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C330401		397.0	7.37	4.91	0.11	0.06	0.08	0.207	0.07	10.9	18.8	0.34	4150	4.85	0.01	0.30
C330402		235.0	8.68	4.04	0.11	0.08	0.08	0.209	0.06	10.6	7.4	0.20	7970	2.34	0.01	0.22
C330403		218.0	10.15	3.73	0.14	0.08	0.07	0.257	0.08	19.8	8.2	0.25	10650	2.67	0.01	0.23
C330404		272.0	7.11	5.85	0.15	0.05	0.05	0.150	0.08	36.8	24.5	0.47	3780	5.44	0.01	0.35
C330405		190.5	9.94	3.23	0.14	0.10	0.04	0.145	0.05	14.5	4.1	0.28	7560	26.40	0.01	0.14
C330406		160.0	10.50	2.86	0.13	0.09	0.04	0.257	0.04	8.2	3.3	0.49	8600	10.05	0.01	0.09
C330407		103.0	6.52	1.59	0.09	0.06	0.07	0.125	0.04	11.6	1.8	0.16	6480	4.38	0.01	0.10
C330408		23.3	8.92	0.72	0.12	0.10	0.04	0.150	0.02	5.4	1.3	3.24	8390	12.90	0.02	0.10
C330409		291.0	8.76	5.13	0.16	0.07	0.05	0.146	0.07	28.9	20.3	0.64	4510	7.91	0.01	0.11
C330410		223.0	8.76	4.95	0.17	0.08	0.05	0.204	0.08	30.7	24.4	0.51	4800	5.30	0.01	0.10
C330411		241.0	9.30	3.64	0.18	0.06	0.05	0.194	0.06	32.7	12.2	0.36	5660	4.09	0.01	0.13
C330412		429.0	13.35	5.29	0.17	0.10	0.10	0.288	0.07	21.1	15.4	0.41	9240	3.68	0.01	0.29
C330413		45.4	3.47	1.11	0.09	0.22	0.02	0.059	0.05	22.6	2.0	0.06	2340	0.93	<0.01	<0.05
C330414		24.8	3.42	1.56	0.08	0.18	0.04	0.050	0.04	21.7	4.1	0.10	2270	1.06	<0.01	0.07
C330415		73.2	3.54	1.73	0.10	0.24	0.03	0.053	0.05	25.6	4.5	0.10	2650	1.15	0.01	0.07
C330416		26.6	3.32	3.45	0.08	<0.02	0.06	0.041	0.04	16.9	5.5	0.11	3310	1.57	0.01	0.39
C330417		36.2	3.30	3.28	0.08	0.02	0.08	0.058	0.05	14.5	4.5	0.15	5560	1.48	0.01	0.38
C330418		32.0	2.91	2.71	0.08	0.02	0.04	0.040	0.04	17.8	7.7	0.14	1890	0.99	0.01	0.41
C330419		38.7	2.95	3.57	0.09	0.02	0.03	0.040	0.05	19.6	10.8	0.25	1140	1.15	0.01	0.67
C330420		2960.0	16.00	15.00	0.38	0.33	0.01	0.553	0.44	15.0	23.6	2.41	2930	5.91	0.12	0.07
C330421		31.3	3.52	4.86	0.07	<0.02	0.04	0.045	0.05	13.5	10.9	0.24	2190	1.37	0.01	0.56
C330422		35.6	3.24	5.01	0.08	<0.02	0.02	0.042	0.05	16.5	12.0	0.29	1360	1.47	0.01	0.68
C330423		20.9	2.94	6.08	0.07	<0.02	0.04	0.034	0.05	12.4	12.7	0.33	432	1.64	0.01	0.86
C330424		59.3	4.15	4.28	0.08	0.02	0.10	0.112	0.06	15.8	17.7	0.36	2720	1.36	0.01	0.41
C330425		33.5	3.92	5.40	0.09	<0.02	0.08	0.049	0.08	17.2	17.7	0.45	4120	1.51	0.01	0.53
C330426		25.2	3.53	4.63	0.08	0.02	0.02	0.042	0.06	21.1	13.6	0.41	1620	1.14	0.01	0.55
C330427		40.7	3.25	4.34	0.08	<0.02	0.03	0.041	0.06	15.6	14.2	0.41	1500	1.08	0.01	0.47
C330428		23.5	3.07	4.78	0.08	<0.02	0.02	0.034	0.06	18.6	13.6	0.42	842	1.10	0.01	0.49
C330429		58.3	4.45	4.46	0.10	<0.02	0.04	0.067	0.07	18.1	11.1	0.34	4130	1.56	0.01	0.59
C330430		32.2	4.49	4.22	0.09	<0.02	0.02	0.060	0.05	17.6	13.2	0.39	2530	1.40	<0.01	0.48
C330431		200.0	5.44	5.44	0.10	<0.02	0.02	0.116	0.09	17.9	15.9	0.48	3920	1.99	0.01	0.53
C330432		36.8	3.51	4.19	0.09	<0.02	0.02	0.050	0.09	23.7	15.2	0.54	1080	0.94	0.01	0.38
C330433		29.2	3.87	4.99	0.08	0.02	0.05	0.063	0.08	14.9	14.0	0.43	1960	1.26	0.01	0.27
C330434		45.3	5.00	5.18	0.10	0.06	0.04	0.120	0.08	17.1	18.8	0.68	1440	1.06	0.01	0.45
C330435		30.9	3.41	5.98	0.08	<0.02	0.03	0.041	0.08	16.7	17.0	0.44	693	1.39	0.01	0.62
C330436		37.7	3.82	5.55	0.08	<0.02	0.02	0.052	0.09	17.5	18.7	0.55	1080	1.25	0.01	0.44
C330437		57.8	3.73	5.73	0.08	<0.02	0.03	0.049	0.07	16.6	19.9	0.51	1030	1.45	0.01	0.64
C330438		60.1	4.08	5.67	0.09	<0.02	0.04	0.056	0.08	19.4	18.5	0.55	1800	1.49	0.01	0.56
C330439		43.4	3.66	5.46	0.08	<0.02	0.02	0.046	0.06	15.3	16.7	0.47	936	1.57	0.01	0.64
C330440		44.1	3.61	5.27	0.07	<0.02	0.02	0.044	0.05	14.8	16.7	0.47	925	1.50	0.01	0.59

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 20-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095381

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C330401		88.7	980	19.1	13.3	<0.001	0.02	2.62	4.4	1.0	0.3	5.9	0.01	0.19	23.6	0.014
C330402		39.1	1820	17.8	14.5	<0.001	0.04	1.48	4.7	0.6	0.3	9.6	0.01	0.11	9.2	0.011
C330403		75.0	820	21.3	10.1	<0.001	<0.01	2.65	7.0	0.9	0.2	9.4	0.01	0.16	28.1	0.010
C330404		72.1	800	18.8	15.7	<0.001	0.01	3.35	4.7	1.4	0.3	7.6	0.01	0.27	27.6	0.016
C330405		72.2	990	10.6	8.0	<0.001	0.05	2.13	7.9	1.5	0.2	13.5	0.01	0.21	8.8	0.008
C330406		50.7	850	13.1	6.4	<0.001	0.27	1.76	6.1	1.3	<0.2	13.8	0.01	0.12	3.5	0.005
C330407		33.3	1180	9.8	5.7	<0.001	0.05	1.15	4.2	1.0	0.2	11.4	0.01	0.12	3.8	0.006
C330408		29.8	1020	8.6	1.8	<0.001	0.23	1.29	3.2	1.0	0.4	34.9	0.01	0.10	3.3	<0.005
C330409		125.5	540	15.7	7.9	<0.001	0.08	4.90	4.5	1.4	<0.2	3.3	0.01	0.36	63.6	<0.005
C330410		118.0	500	17.3	8.6	<0.001	0.05	5.09	5.3	1.5	0.2	4.3	0.01	0.45	91.5	<0.005
C330411		87.4	430	24.5	7.1	<0.001	0.02	4.82	4.7	0.9	<0.2	4.5	0.01	0.28	66.2	<0.005
C330412		106.0	1100	30.2	13.9	<0.001	0.02	4.02	7.9	1.3	0.3	8.0	0.01	0.27	37.5	0.011
C330413		18.0	190	91.7	4.7	<0.001	<0.01	2.62	1.6	0.2	<0.2	9.6	<0.01	0.04	26.5	<0.005
C330414		18.8	190	54.0	5.1	<0.001	<0.01	2.27	1.8	0.2	0.2	5.6	<0.01	0.04	27.1	<0.005
C330415		20.4	240	97.1	5.5	<0.001	<0.01	3.09	2.0	0.2	0.2	3.6	<0.01	0.05	30.9	<0.005
C330416		15.7	530	28.3	10.7	<0.001	<0.01	2.13	1.4	0.4	0.4	5.3	<0.01	0.06	7.4	0.017
C330417		16.0	620	47.9	9.1	<0.001	<0.01	2.35	2.3	0.6	0.4	7.5	<0.01	0.07	7.5	0.024
C330418		16.4	400	44.4	7.8	<0.001	<0.01	1.82	1.7	0.3	0.3	5.3	<0.01	0.06	6.1	0.020
C330419		22.2	400	37.1	9.1	<0.001	<0.01	1.49	2.4	0.3	0.4	8.7	<0.01	0.05	7.3	0.033
C330420		32.2	1660	3.5	18.5	0.001	0.15	1.73	9.6	<0.2	0.9	295.0	<0.01	0.02	2.5	0.189
C330421		18.8	580	28.4	11.4	<0.001	0.04	1.36	1.9	0.5	0.5	6.4	<0.01	0.06	2.6	0.034
C330422		21.1	440	25.8	12.4	<0.001	0.02	1.37	2.3	0.3	0.5	8.2	<0.01	0.05	3.8	0.046
C330423		17.1	420	14.7	8.9	<0.001	0.03	1.10	1.8	0.3	0.7	9.1	<0.01	0.05	1.4	0.041
C330424		28.4	670	36.8	12.2	<0.001	0.03	2.22	3.3	0.5	0.4	8.2	<0.01	0.08	6.6	0.023
C330425		33.4	650	15.0	12.9	<0.001	0.03	1.57	3.3	0.5	0.5	7.4	<0.01	0.07	4.8	0.040
C330426		22.1	410	11.6	11.2	<0.001	0.01	1.20	2.4	0.3	0.4	4.6	<0.01	0.04	9.3	0.028
C330427		26.2	420	13.2	11.5	<0.001	0.02	1.11	2.0	0.3	0.4	7.1	<0.01	0.04	2.6	0.031
C330428		22.9	380	11.1	12.1	<0.001	0.01	1.04	1.8	0.4	0.4	5.9	<0.01	0.04	2.4	0.029
C330429		29.5	630	54.8	12.4	<0.001	0.01	1.79	3.3	0.6	0.4	6.1	<0.01	0.06	11.6	0.037
C330430		28.9	460	12.2	9.7	<0.001	0.01	1.45	2.7	0.4	0.4	6.2	<0.01	0.05	7.1	0.033
C330431		41.3	1040	30.9	15.6	<0.001	0.02	1.94	4.2	0.6	0.5	8.5	<0.01	0.07	9.3	0.044
C330432		29.4	320	11.8	11.6	<0.001	0.01	1.72	2.6	0.2	0.3	4.7	<0.01	0.03	6.9	0.021
C330433		22.9	810	12.1	16.3	<0.001	0.05	1.32	1.5	0.5	0.4	5.1	<0.01	0.05	1.7	0.013
C330434		29.1	680	22.2	16.5	<0.001	0.03	2.05	4.3	0.4	0.4	10.2	0.01	0.04	6.3	0.018
C330435		21.8	410	13.3	17.7	<0.001	0.02	1.86	1.7	0.3	0.5	7.6	<0.01	0.05	1.4	0.026
C330436		27.2	500	15.6	17.1	<0.001	0.02	1.69	2.1	<0.2	0.4	7.4	<0.01	0.04	3.1	0.020
C330437		26.8	450	16.4	16.7	<0.001	0.02	1.62	2.6	0.3	0.7	8.0	<0.01	0.06	3.7	0.031
C330438		26.5	770	20.4	15.4	<0.001	0.02	1.49	2.6	0.3	0.7	8.0	<0.01	0.06	4.8	0.031
C330439		26.9	680	18.1	12.3	<0.001	0.03	2.59	2.2	0.4	0.7	8.9	<0.01	0.06	2.3	0.035
C330440		27.8	630	18.4	11.2	<0.001	0.02	2.72	2.1	0.4	0.6	8.4	<0.01	0.06	2.4	0.032

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 20-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095381

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C330401		0.22	11.00	26	0.11	17.40	70	1.4
C330402		0.16	5.81	26	0.09	15.25	61	1.7
C330403		0.21	6.69	22	0.10	23.70	83	1.9
C330404		0.19	10.85	29	0.13	20.40	102	0.9
C330405		0.21	9.17	39	0.09	22.60	52	2.2
C330406		2.71	5.39	57	0.08	22.10	47	1.8
C330407		0.41	4.95	15	0.08	18.65	35	0.9
C330408		1.00	3.09	19	0.08	19.70	28	3.3
C330409		0.18	10.55	13	0.05	13.55	67	3.2
C330410		0.25	10.95	11	<0.05	19.00	71	3.2
C330411		0.23	8.64	10	<0.05	15.85	79	2.5
C330412		0.25	9.73	24	0.09	31.30	130	2.4
C330413		0.09	3.91	4	0.05	5.14	82	11.3
C330414		0.09	4.45	6	<0.05	5.48	59	10.8
C330415		0.09	4.73	6	0.06	6.82	52	13.0
C330416		0.13	3.41	22	0.16	4.30	41	<0.5
C330417		0.17	3.10	22	0.12	6.07	59	0.6
C330418		0.09	2.41	19	0.14	4.38	48	0.5
C330419		0.09	1.79	29	0.17	5.32	52	0.6
C330420		0.10	3.96	124	10.20	18.10	136	17.8
C330421		0.13	1.78	40	0.22	4.68	59	<0.5
C330422		0.12	1.73	41	0.22	4.74	60	<0.5
C330423		0.16	1.05	48	0.24	3.08	52	<0.5
C330424		0.14	3.97	30	0.18	11.95	119	0.6
C330425		0.15	2.81	36	0.21	6.72	76	0.5
C330426		0.10	1.54	28	0.13	3.70	49	0.8
C330427		0.09	1.73	31	0.15	4.20	59	<0.5
C330428		0.11	1.21	31	0.19	3.49	49	<0.5
C330429		0.17	2.76	30	0.19	6.42	116	0.7
C330430		0.10	2.26	28	0.15	5.68	60	<0.5
C330431		0.16	2.83	39	0.20	10.30	92	0.5
C330432		0.08	1.16	21	0.10	7.19	51	0.5
C330433		0.13	1.05	25	0.10	4.98	60	0.5
C330434		0.10	2.40	30	0.12	15.50	125	1.8
C330435		0.13	0.93	40	0.18	3.88	74	<0.5
C330436		0.12	1.08	32	0.13	5.10	86	<0.5
C330437		0.14	1.32	40	0.16	5.21	69	<0.5
C330438		0.16	1.48	38	0.15	6.07	79	<0.5
C330439		0.14	1.30	41	0.18	4.47	78	<0.5
C330440		0.13	1.27	39	0.16	4.39	77	<0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 20-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095381

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C330441		0.68	<0.005	0.08	2.08	15.3	<10	170	0.93	0.61	0.07	0.28	37.60	19.7	25	2.36

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06095381

Sample Description	Method Analyte Units LOR	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
C330441		52.7	8.21	6.31	0.12	0.03	0.03	0.128	0.06	16.3	16.7	0.52	3940	1.71	0.01	0.71

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06095381

Sample Description	Method Analyte Units LOR	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005
C330441		28.2	830	15.6	13.6	<0.001	0.03	1.34	6.0	0.6	0.7	9.8	0.01	0.07	3.3	0.043

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06095381

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C330441		0.16	1.96	46	0.21	17.50	75	<0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-OCT-2006
Account: EIA

CERTIFICATE VA06095227

Project: Werneckes

P.O. No.: FRG06-01

This report is for 165 Soil samples submitted to our lab in Vancouver, BC, Canada on 5-SEP-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL	ROBIN BLACK	DAVID C
I DUNLOP	SCOTT HEFFERNAN	RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

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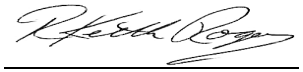
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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CERTIFICATE OF ANALYSIS VA06095227

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C330601		0.86	<0.005	0.06	0.99	6.7	<10	1010	1.19	1.13	0.23	0.13	61.90	53.2	13	8.41
C330602		0.76	<0.005	0.07	1.50	6.4	<10	920	1.32	4.95	0.25	0.17	77.60	54.2	16	8.55
C330603		0.70	0.012	0.10	0.74	4.9	<10	1930	1.28	1.06	1.43	0.14	75.70	19.2	8	11.85
C330604		0.76	0.009	0.04	0.78	7.1	<10	2200	1.73	1.07	0.38	0.09	267.00	60.0	13	9.72
C330605		0.88	0.017	0.14	0.85	10.1	<10	610	1.62	1.63	0.44	0.06	50.00	77.6	12	10.15
C330606		0.84	0.008	0.29	1.94	160.5	<10	200	2.73	19.35	0.11	0.25	58.40	89.5	16	5.81
C330607		0.64	0.006	0.31	2.32	131.5	<10	190	5.15	13.35	0.07	0.48	51.40	130.0	16	10.20
C330608		0.44	0.006	0.07	1.82	27.8	<10	170	3.03	3.19	0.22	0.35	51.00	34.7	21	7.09
C330609		0.82	<0.005	0.04	1.03	10.8	<10	530	5.37	0.46	0.14	0.19	118.00	25.0	16	9.60
C330610		0.88	0.030	0.07	1.56	9.1	<10	570	2.49	0.61	0.30	0.08	58.50	47.5	25	4.77
C330611		0.64	<0.005	0.03	0.90	7.8	<10	120	1.78	0.39	0.08	0.15	47.40	20.0	11	2.26
C330612		0.64	<0.005	0.05	0.95	20.5	<10	210	3.28	0.53	0.16	0.28	40.20	29.9	9	9.16
C330613		0.66	0.020	0.07	1.74	19.2	<10	350	2.43	1.10	0.31	0.26	116.50	46.6	14	4.40
C330614		0.58	0.019	0.15	1.40	20.2	<10	230	1.32	0.66	0.79	0.13	64.70	48.4	33	6.30
C330615		0.56	<0.005	0.09	1.17	15.8	<10	1000	0.70	1.37	0.11	0.18	32.60	14.4	14	1.48
C330616		0.48	<0.005	0.36	1.20	17.0	<10	350	0.82	1.37	0.35	0.19	24.40	21.7	15	2.59
C330617		0.58	<0.005	0.18	0.73	15.7	<10	160	0.66	1.48	4.87	0.11	27.60	18.9	8	1.01
C330618		0.66	<0.005	0.06	1.21	18.5	<10	90	0.66	1.08	0.05	0.09	49.40	15.3	13	1.40
C330619		0.70	<0.005	0.10	0.91	31.4	<10	80	0.77	1.17	0.02	0.10	52.80	21.1	12	1.11
C330620		0.52	<0.005	0.12	1.16	20.2	<10	140	0.80	1.23	0.20	0.14	39.00	17.5	15	1.67
C330621		0.44	<0.005	0.13	1.19	20.7	<10	130	0.82	1.23	0.17	0.13	41.50	17.6	15	1.70
C330622		0.66	<0.005	0.04	0.94	19.8	<10	80	0.47	1.01	0.02	0.06	59.20	13.4	14	1.04
C330623		0.62	<0.005	0.15	1.10	44.4	<10	80	0.76	1.26	0.21	0.14	41.30	18.6	16	1.29
C330624		0.60	0.015	0.11	0.76	25.3	<10	50	0.56	1.18	0.22	0.12	32.60	17.0	11	0.78
C330625		0.72	<0.005	0.06	1.05	19.2	<10	80	0.58	1.02	0.04	0.09	43.00	18.2	13	1.02
C330626		0.64	<0.005	0.03	0.62	9.8	<10	40	0.39	0.58	0.02	0.04	39.20	8.0	8	0.66
C330627		0.54	<0.005	0.07	0.78	11.5	<10	90	0.59	0.70	0.41	0.09	23.00	11.2	9	0.90
C330628		0.52	<0.005	0.16	1.08	33.5	<10	370	0.94	1.75	0.25	0.13	27.20	17.0	15	3.59
C330629		0.40	<0.005	0.25	1.35	22.3	<10	180	1.11	1.42	0.43	0.34	23.40	14.1	14	2.15
C330630		0.62	<0.005	0.02	0.79	13.0	<10	90	0.37	0.70	0.10	0.13	31.70	13.6	12	0.80
C330631		0.50	<0.005	0.04	0.98	14.9	<10	170	0.67	1.02	0.16	0.11	30.80	13.1	12	1.40
C330632		0.60	0.046	0.16	0.65	13.3	<10	70	0.52	0.88	0.04	0.06	36.90	12.3	7	0.47
C330633		0.72	<0.005	0.12	1.21	13.8	<10	110	0.58	0.53	0.10	0.10	30.50	11.8	20	1.12
C330634		0.62	<0.005	0.04	0.44	16.1	<10	20	0.17	0.81	0.01	0.02	28.80	10.1	11	0.65
C330635		0.64	<0.005	0.06	0.86	16.0	<10	80	0.53	0.96	0.05	0.04	36.30	10.4	11	0.84
C330636		0.48	<0.005	0.08	0.95	22.9	<10	120	0.75	1.54	0.15	0.10	28.00	16.2	12	2.35
C330637		0.76	0.006	0.05	0.86	20.0	<10	60	0.62	1.14	0.02	0.03	43.30	12.6	9	0.72
C330638		0.66	<0.005	0.12	0.63	20.9	<10	50	0.51	1.03	0.13	0.11	36.00	14.9	10	0.72
C202754		0.42	<0.005	0.31	1.38	17.8	<10	210	1.04	1.14	0.26	0.11	33.30	16.3	18	2.78
C202755		0.58	<0.005	0.22	0.87	15.5	<10	70	0.66	1.35	2.71	0.11	29.60	11.8	11	1.38

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095227

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C330601		122.0	4.92	4.09	0.14	0.07	0.04	0.092	0.08	31.5	16.1	0.72	6470	2.40	<0.01	0.09
C330602		332.0	4.78	6.13	0.16	0.08	0.04	0.087	0.08	38.4	23.6	1.14	6790	2.22	<0.01	0.11
C330603		20.1	4.01	2.69	0.12	0.07	0.03	0.099	0.08	40.1	11.1	0.76	7010	1.68	<0.01	0.09
C330604		87.3	3.68	4.26	0.27	0.07	0.01	0.042	0.06	144.0	12.2	0.53	4960	4.52	<0.01	0.09
C330605		737.0	6.07	3.79	0.12	0.06	0.03	0.090	0.10	24.8	10.0	0.53	4860	10.55	<0.01	0.07
C330606		442.0	7.12	5.70	0.13	0.07	0.04	0.122	0.06	27.1	24.3	0.78	4110	9.43	<0.01	0.11
C330607		409.0	10.70	5.95	0.16	0.10	0.07	0.223	0.08	23.5	26.5	0.58	7120	27.70	0.01	0.25
C330608		1115.0	7.62	5.81	0.15	0.08	0.05	0.143	0.08	28.5	15.5	0.42	4950	11.55	<0.01	0.36
C330609		61.6	6.67	3.93	0.18	0.05	0.07	0.082	0.06	57.7	11.1	0.43	4560	3.40	<0.01	0.13
C330610		214.0	7.02	7.16	0.17	0.07	0.02	0.045	0.04	28.1	25.7	1.28	2860	4.23	<0.01	0.11
C330611		49.8	4.40	4.10	0.09	0.02	0.04	0.030	0.07	23.0	8.4	0.32	1910	1.84	<0.01	0.14
C330612		54.6	8.39	4.10	0.12	0.07	0.09	0.082	0.06	18.2	6.0	0.21	5540	5.90	<0.01	0.16
C330613		955.0	7.32	5.96	0.21	0.08	0.06	0.065	0.07	67.2	22.5	0.86	5990	4.08	<0.01	0.24
C330614		1270.0	6.49	9.75	0.21	0.04	0.03	0.057	0.07	35.9	27.5	1.42	2500	4.81	0.01	0.72
C330615		47.1	4.50	3.55	0.07	0.04	0.03	0.070	0.08	17.4	15.5	0.31	1390	1.21	<0.01	0.39
C330616		50.1	5.39	3.40	0.09	0.08	0.07	0.077	0.06	12.8	17.1	0.47	1980	1.28	0.01	0.39
C330617		47.0	4.61	1.90	0.09	0.04	0.04	0.062	0.10	13.9	11.3	3.17	2510	1.10	0.01	0.12
C330618		40.5	4.01	3.96	0.09	0.04	0.02	0.051	0.09	23.4	13.0	0.19	775	1.13	<0.01	0.48
C330619		85.4	3.39	2.75	0.09	0.03	0.05	0.044	0.12	25.1	11.5	0.31	1200	0.65	<0.01	0.19
C330620		65.7	3.89	3.49	0.08	0.05	0.06	0.053	0.16	19.8	11.0	0.35	1320	0.92	<0.01	0.32
C330621		66.4	3.96	3.55	0.08	0.05	0.05	0.053	0.17	21.1	11.4	0.36	1260	0.90	<0.01	0.32
C330622		49.9	3.13	3.07	0.09	0.03	0.02	0.041	0.13	28.1	8.5	0.19	820	0.65	<0.01	0.26
C330623		88.8	3.97	3.34	0.08	0.08	0.04	0.052	0.14	20.3	10.8	0.44	1070	0.84	<0.01	0.20
C330624		63.5	3.34	2.23	0.06	0.05	0.06	0.042	0.13	16.4	6.6	0.29	1360	0.64	<0.01	0.16
C330625		62.2	3.26	3.08	0.08	0.02	0.03	0.041	0.14	21.4	10.6	0.27	984	0.79	<0.01	0.32
C330626		32.2	1.96	1.82	0.06	0.02	0.02	0.023	0.12	19.5	4.7	0.16	717	0.36	<0.01	0.13
C330627		39.4	2.58	2.49	0.05	0.09	0.03	0.035	0.12	12.3	4.1	0.21	1310	0.69	<0.01	0.19
C330628		79.2	3.51	3.24	0.06	0.08	0.04	0.052	0.10	13.8	11.7	0.32	1210	0.97	<0.01	0.36
C330629		83.8	3.32	3.85	0.06	0.11	0.05	0.049	0.21	12.4	9.0	0.32	1290	0.97	<0.01	0.31
C330630		29.2	2.66	2.84	0.05	0.02	0.01	0.034	0.10	15.9	8.0	0.24	794	0.75	<0.01	0.44
C330631		38.1	3.26	2.93	0.05	0.05	0.03	0.048	0.11	15.9	8.8	0.25	1120	0.76	<0.01	0.28
C330632		52.6	2.87	1.89	0.06	0.03	0.03	0.041	0.08	19.3	7.1	0.25	882	0.87	<0.01	0.10
C330633		32.5	2.88	3.91	0.06	0.03	0.03	0.032	0.05	15.1	11.2	0.35	742	0.99	<0.01	0.55
C330634		28.4	3.59	2.64	0.06	<0.02	0.02	0.031	0.03	14.8	3.2	0.12	777	0.79	<0.01	0.42
C330635		45.4	3.13	3.04	0.06	<0.02	0.01	0.043	0.10	19.0	8.9	0.26	610	1.03	<0.01	0.26
C330636		45.6	3.76	3.12	0.05	0.04	0.02	0.058	0.09	14.4	12.1	0.31	1090	1.07	<0.01	0.31
C330637		71.2	3.21	2.64	0.07	0.02	0.03	0.049	0.12	22.1	8.3	0.25	753	1.06	<0.01	0.11
C330638		59.9	3.06	1.94	0.06	0.04	0.03	0.036	0.12	18.2	5.2	0.27	1370	0.54	<0.01	0.11
C202754		74.3	3.73	4.06	0.07	0.06	0.07	0.079	0.11	17.5	20.7	0.60	922	1.53	<0.01	0.42
C202755		61.9	3.72	2.45	0.07	0.05	0.05	0.061	0.11	15.3	14.5	1.96	1040	1.40	<0.01	0.26

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CERTIFICATE OF ANALYSIS VA06095227

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C330601		48.8	550	20.0	13.1	<0.001	0.04	0.92	7.0	0.6	0.3	8.4	0.01	0.10	21.7	0.011
C330602		50.6	630	22.1	14.9	0.001	0.03	0.89	4.8	0.9	0.2	8.7	0.01	0.17	20.9	0.011
C330603		36.7	630	17.5	15.0	0.001	0.08	0.95	8.1	0.8	0.3	44.2	0.01	0.44	21.6	0.008
C330604		30.6	610	17.2	11.3	0.001	0.06	1.14	6.4	0.8	0.4	45.2	0.01	0.08	19.8	0.009
C330605		55.8	920	10.8	13.5	0.001	0.04	1.14	11.3	0.8	0.3	12.4	0.01	0.12	18.2	0.008
C330606		107.5	610	33.9	7.9	<0.001	0.05	2.89	8.9	1.1	0.2	4.9	0.01	0.24	44.0	<0.005
C330607		174.5	1370	49.1	14.5	0.001	0.09	3.41	12.0	1.8	0.3	9.3	0.01	0.31	64.3	0.008
C330608		43.9	1450	21.8	20.2	<0.001	0.08	1.46	6.9	1.5	0.5	10.8	0.01	0.26	9.0	0.018
C330609		81.0	1200	9.9	12.1	<0.001	0.03	1.60	10.5	0.7	0.3	7.5	0.01	0.16	33.6	0.016
C330610		60.3	1070	9.2	7.4	0.001	0.03	1.12	14.2	0.4	0.4	8.4	<0.01	0.11	28.5	0.015
C330611		45.4	1000	9.2	11.3	<0.001	0.05	0.95	2.3	0.3	0.3	3.9	<0.01	0.14	6.2	0.008
C330612		43.0	1680	13.1	16.1	<0.001	0.08	2.52	5.9	0.7	0.5	6.5	0.01	0.13	9.4	0.007
C330613		50.5	1360	14.2	17.0	<0.001	0.07	0.83	5.7	1.2	0.3	10.6	0.01	0.16	16.6	0.008
C330614		41.5	1320	16.8	20.4	<0.001	0.07	0.73	9.9	1.0	0.7	14.4	0.01	0.19	8.2	0.055
C330615		20.3	460	16.3	12.7	<0.001	0.02	1.59	3.7	0.5	0.3	10.4	<0.01	0.05	5.0	0.014
C330616		29.7	660	16.4	11.2	<0.001	0.05	1.68	4.9	0.7	0.3	18.5	<0.01	0.05	3.7	0.015
C330617		28.7	460	21.0	8.7	<0.001	0.03	1.80	3.7	0.4	0.2	12.6	<0.01	0.04	6.2	0.006
C330618		20.5	280	10.2	13.6	<0.001	0.01	1.80	2.8	0.3	0.4	3.7	<0.01	0.04	9.9	0.012
C330619		25.5	250	14.7	10.3	<0.001	0.01	2.47	3.2	0.2	0.2	2.1	<0.01	0.04	9.4	0.007
C330620		25.4	530	12.5	14.6	<0.001	0.03	1.92	3.5	0.3	0.3	13.6	<0.01	0.04	7.0	0.010
C330621		25.8	480	12.1	14.3	<0.001	0.03	1.94	3.7	0.3	0.3	11.7	<0.01	0.04	7.2	0.010
C330622		15.3	210	8.6	12.2	<0.001	<0.01	1.69	2.3	0.3	0.3	2.8	<0.01	0.03	9.6	0.009
C330623		27.0	450	18.2	12.4	<0.001	0.02	2.13	3.5	0.3	0.2	5.0	<0.01	0.04	6.2	0.007
C330624		23.8	340	11.4	9.5	<0.001	0.02	1.58	2.9	0.3	0.2	3.8	<0.01	0.04	6.1	0.006
C330625		28.0	360	9.2	11.5	<0.001	0.01	1.84	2.9	0.3	0.3	3.6	<0.01	0.04	5.8	0.014
C330626		13.0	190	4.1	7.7	<0.001	<0.01	0.73	1.8	0.2	<0.2	1.4	<0.01	0.02	6.7	0.005
C330627		14.0	810	7.3	10.8	<0.001	0.06	1.05	2.5	0.4	0.2	10.2	<0.01	0.03	3.5	0.007
C330628		22.9	650	11.1	15.6	<0.001	0.03	5.93	3.0	0.5	0.3	14.0	<0.01	0.04	4.4	0.011
C330629		23.9	660	16.3	18.0	<0.001	0.05	4.26	3.4	0.5	0.4	10.8	<0.01	0.05	6.1	0.006
C330630		15.1	210	7.1	10.3	<0.001	0.01	1.01	1.6	<0.2	0.3	4.6	<0.01	0.03	6.1	0.013
C330631		18.3	460	7.1	12.7	<0.001	0.02	1.80	2.7	0.2	0.3	8.7	<0.01	0.04	5.8	0.007
C330632		26.2	180	5.7	6.5	<0.001	<0.01	1.04	2.0	0.3	0.2	2.0	<0.01	0.04	8.9	<0.005
C330633		24.8	550	11.4	8.4	<0.001	0.02	0.78	2.8	0.3	0.4	8.7	<0.01	0.03	2.0	0.025
C330634		10.1	290	8.5	8.1	<0.001	<0.01	0.91	1.0	0.3	0.2	1.5	<0.01	0.04	5.3	0.016
C330635		19.4	370	5.0	10.5	<0.001	0.01	1.55	1.5	0.2	0.2	3.3	<0.01	0.04	5.3	0.009
C330636		23.6	530	10.7	11.9	<0.001	0.03	2.59	2.4	0.3	0.3	7.4	<0.01	0.05	3.8	0.010
C330637		28.0	250	4.8	10.3	<0.001	0.01	2.12	2.1	0.3	0.2	2.1	<0.01	0.04	9.8	<0.005
C330638		21.9	320	11.7	8.3	<0.001	0.01	1.42	2.7	0.2	0.2	2.6	<0.01	0.04	6.9	0.006
C202754		28.0	570	14.5	13.1	<0.001	0.02	1.54	3.9	0.5	0.3	10.4	<0.01	0.05	6.1	0.013
C202755		25.5	530	15.4	9.9	<0.001	0.03	1.75	4.0	0.4	0.2	9.3	<0.01	0.04	6.9	0.011

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 23-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095227

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C330601		0.15	8.14	19	0.11	37.70	71	0.9
C330602		0.16	11.20	19	0.10	45.70	97	1.0
C330603		0.12	10.40	16	0.12	45.10	58	0.9
C330604		0.12	17.60	23	0.21	39.70	54	0.6
C330605		0.19	8.75	54	0.16	25.40	63	1.5
C330606		0.18	8.20	36	0.08	19.50	112	2.1
C330607		0.45	23.20	28	0.13	33.50	128	2.5
C330608		0.26	20.80	39	0.17	32.70	89	1.3
C330609		0.15	7.62	33	0.16	23.20	49	0.9
C330610		0.09	6.79	94	0.21	17.40	60	2.1
C330611		0.13	6.57	21	0.09	3.79	31	0.5
C330612		0.25	5.42	30	0.09	19.95	49	1.2
C330613		0.37	19.30	20	0.13	41.00	65	1.0
C330614		0.21	9.72	82	0.44	18.70	92	0.8
C330615		0.13	1.19	26	0.11	8.90	41	1.0
C330616		0.12	1.58	26	0.10	14.70	57	1.9
C330617		0.14	0.87	15	0.05	12.00	33	1.6
C330618		0.12	0.79	25	0.11	3.96	30	2.0
C330619		0.07	0.71	15	0.05	5.78	37	1.3
C330620		0.10	0.91	20	0.11	6.72	44	1.3
C330621		0.09	0.92	20	0.09	7.04	44	1.2
C330622		0.08	0.77	19	0.08	3.38	26	1.2
C330623		0.08	0.85	18	0.05	7.35	81	2.1
C330624		0.06	0.58	13	0.06	6.14	43	1.3
C330625		0.08	0.81	18	0.09	5.33	31	<0.5
C330626		0.04	0.41	9	0.05	3.31	14	0.8
C330627		0.07	0.61	11	0.07	8.09	31	2.1
C330628		0.08	2.62	21	0.13	8.56	48	2.4
C330629		0.11	1.25	16	0.10	8.01	55	3.0
C330630		0.06	0.47	19	0.08	1.96	30	0.8
C330631		0.07	0.97	16	0.07	4.53	33	1.1
C330632		0.05	0.62	8	0.05	3.05	14	1.1
C330633		0.09	1.00	34	0.18	7.95	51	<0.5
C330634		0.05	0.60	18	0.07	1.55	18	0.6
C330635		0.07	0.58	16	0.07	2.65	17	<0.5
C330636		0.08	0.92	19	0.09	3.92	42	1.1
C330637		0.05	0.66	10	0.05	2.95	13	0.9
C330638		0.05	0.53	12	0.05	6.27	53	1.3
C202754		0.14	1.19	24	0.12	11.45	51	1.6
C202755		0.14	0.72	18	0.07	11.55	48	1.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-OCT-2006
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CERTIFICATE OF ANALYSIS VA06095227

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C202756		0.48	<0.005	0.22	1.61	18.1	<10	190	1.36	1.01	0.36	0.17	30.20	15.4	23	2.76
C202757		0.56	<0.005	0.24	0.79	18.3	<10	100	0.77	1.38	0.97	0.14	36.50	17.9	10	1.29
C202758		0.56	<0.005	0.12	0.86	13.6	<10	180	0.73	1.31	0.26	0.13	33.10	15.6	10	0.82
C202759		0.52	<0.005	0.08	0.84	9.4	<10	570	0.47	0.96	0.37	0.08	28.00	9.5	10	0.88
C202760		0.64	<0.005	0.13	0.83	13.4	<10	310	0.60	1.19	0.16	0.14	36.10	13.5	11	0.81
C202761		0.48	<0.005	0.16	0.89	9.8	<10	730	0.65	1.02	0.42	0.09	24.10	9.5	11	0.80
C202762		0.52	<0.005	0.27	0.96	11.1	<10	600	0.75	1.11	0.38	0.11	24.40	10.1	11	1.12
C202763		0.38	<0.005	0.26	0.87	8.3	<10	830	0.58	0.82	0.73	0.14	18.60	9.3	10	1.02
C202764		0.54	<0.005	0.15	1.12	13.7	<10	470	0.74	1.41	0.19	0.13	37.00	15.6	13	1.50
C202765		0.62	<0.005	0.19	1.23	14.2	<10	620	0.81	1.47	0.16	0.12	34.90	14.6	15	1.90
C202766		0.54	<0.005	0.19	1.14	13.7	<10	350	0.80	1.43	0.16	0.07	36.60	14.5	13	1.49
C202767		0.44	<0.005	0.27	1.09	11.6	<10	540	0.67	1.27	0.43	0.19	25.50	13.2	13	1.48
C202768		0.56	<0.005	0.26	1.19	20.4	<10	940	1.01	1.77	0.41	0.11	34.50	23.2	16	1.70
C202769		0.66	0.005	0.18	0.86	17.0	<10	340	0.69	1.45	0.10	0.13	43.10	23.5	11	1.02
C202770		0.44	<0.005	0.19	0.86	15.4	<10	430	0.70	1.35	0.46	0.14	28.90	15.6	10	1.17
C202771		0.58	<0.005	0.19	0.88	13.8	<10	480	0.65	1.22	0.51	0.12	26.90	15.1	8	1.02
C202772		0.62	<0.005	0.12	1.08	14.3	<10	410	0.76	1.21	0.20	0.08	32.70	14.6	12	1.28
C202773		0.66	<0.005	0.20	1.09	14.6	<10	430	0.77	1.23	0.38	0.14	29.00	16.2	11	1.45
C202774		0.48	0.016	0.11	0.83	19.8	<10	70	0.52	0.86	0.93	0.17	25.30	11.8	9	0.75
C202775		0.54	0.005	0.07	0.70	15.2	<10	40	0.44	0.67	0.33	0.05	30.50	10.4	8	0.53
C202776		0.52	<0.005	0.05	1.33	16.5	<10	50	0.20	0.99	0.04	0.08	29.10	8.3	20	1.83
C202777		0.60	<0.005	0.06	1.42	27.6	<10	60	0.52	1.73	0.03	0.09	32.30	18.6	19	1.87
C202778		0.72	<0.005	0.05	1.14	20.0	<10	60	0.34	0.82	0.02	0.06	32.10	11.1	15	1.05
C202779		0.82	<0.005	0.05	0.88	18.8	<10	70	0.46	0.52	0.01	0.06	42.20	13.9	8	0.75
C202780		0.60	<0.005	0.05	0.96	19.0	<10	60	0.29	0.90	0.04	0.14	24.50	10.1	16	1.39
C202781		0.56	<0.005	0.03	1.77	18.8	<10	70	0.44	0.60	0.05	0.09	29.00	8.7	28	2.05
C202782		0.58	<0.005	0.09	1.03	17.3	<10	90	0.46	1.19	0.14	0.16	31.50	11.5	15	1.40
C202783		0.90	<0.005	0.07	0.57	22.2	<10	40	0.46	1.03	0.02	0.08	40.00	15.7	7	0.67
C202784		0.54	<0.005	0.14	1.78	33.3	<10	130	1.30	1.77	0.31	0.37	25.50	21.3	27	4.30
C202785		0.64	<0.005	0.08	1.31	22.6	<10	100	0.59	0.58	0.05	0.12	39.40	15.6	18	1.22
C202786		0.76	<0.005	0.05	0.78	17.2	<10	50	0.37	0.51	0.02	0.07	28.90	10.2	9	0.85
C202787		0.60	<0.005	0.09	1.02	17.8	<10	50	0.49	0.66	0.02	0.09	35.60	16.1	12	0.93
C202788		0.78	<0.005	0.09	0.77	19.5	<10	40	0.44	0.60	0.01	0.07	36.10	13.2	8	0.76
C202789		0.70	0.005	0.50	1.94	56.0	<10	140	1.90	3.41	0.17	0.69	40.30	77.2	24	3.80
C202790		0.14	0.069	1.23	4.38	42	20	470	0.99	0.05	14.20	0.01	22.70	50.1	58	2.01
C202791		0.54	0.007	0.26	2.32	50.6	<10	190	1.87	2.88	0.15	0.41	37.90	53.1	29	5.60
C202792		0.62	<0.005	0.08	1.42	39.1	<10	60	0.34	1.82	0.05	0.14	27.80	18.9	22	2.10
C202793		0.60	<0.005	0.09	1.64	17.5	<10	70	0.49	0.61	0.08	0.18	32.60	13.8	26	2.27
C202794		0.62	<0.005	0.10	1.77	21.1	<10	90	0.82	1.11	0.08	0.15	38.50	16.2	29	3.97
C202795		0.62	<0.005	0.06	2.02	20.0	<10	130	0.85	0.84	0.06	0.10	37.40	16.7	30	2.64

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06095227

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C202756		59.0	4.16	4.59	0.08	0.06	0.07	0.093	0.10	16.0	25.0	0.67	996	1.42	<0.01	0.52
C202757		63.5	4.71	2.36	0.09	0.06	0.06	0.096	0.11	18.0	13.6	0.92	2680	1.37	<0.01	0.18
C202758		51.4	3.79	2.44	0.07	0.09	0.03	0.058	0.13	16.5	11.3	0.38	1540	1.02	<0.01	0.19
C202759		25.7	2.86	2.60	0.05	0.08	0.03	0.042	0.12	13.5	8.9	0.27	726	0.85	<0.01	0.22
C202760		43.4	3.98	2.46	0.07	0.06	0.04	0.060	0.10	18.1	11.6	0.36	1080	0.95	<0.01	0.28
C202761		32.7	3.36	2.45	0.06	0.08	0.04	0.051	0.10	12.7	10.6	0.35	638	0.73	<0.01	0.23
C202762		39.9	3.51	2.57	0.06	0.10	0.04	0.054	0.12	12.8	10.5	0.37	701	0.79	<0.01	0.25
C202763		38.6	2.84	2.33	0.06	0.09	0.09	0.043	0.11	11.1	9.3	0.36	764	0.79	0.01	0.25
C202764		48.9	4.51	3.18	0.08	0.11	0.06	0.079	0.13	18.4	13.8	0.39	1190	1.14	<0.01	0.27
C202765		47.6	4.26	3.43	0.08	0.08	0.06	0.065	0.12	18.1	14.7	0.42	1020	1.05	<0.01	0.33
C202766		49.0	4.40	3.11	0.08	0.09	0.05	0.076	0.12	17.9	15.6	0.40	1160	0.92	<0.01	0.28
C202767		40.3	3.83	3.04	0.07	0.09	0.05	0.060	0.10	13.0	13.3	0.41	1070	1.07	<0.01	0.31
C202768		90.3	5.09	3.45	0.08	0.06	0.07	0.103	0.08	17.4	18.1	0.46	1860	1.51	0.01	0.48
C202769		67.9	4.61	2.53	0.09	0.03	0.05	0.071	0.07	20.2	12.9	0.34	1700	1.12	<0.01	0.19
C202770		46.7	4.25	2.37	0.06	0.10	0.05	0.063	0.10	14.4	10.1	0.37	1370	1.07	<0.01	0.19
C202771		43.4	4.32	1.95	0.06	0.09	0.04	0.054	0.11	13.7	10.1	0.38	1475	1.15	0.01	0.18
C202772		43.5	4.36	2.43	0.07	0.09	0.05	0.056	0.11	17.0	12.3	0.35	1115	1.05	0.01	0.27
C202773		45.3	4.45	2.55	0.07	0.08	0.05	0.057	0.10	14.8	13.7	0.41	1425	0.91	<0.01	0.27
C202774		52.0	3.01	1.94	0.05	0.08	0.04	0.035	0.14	12.8	8.7	0.42	750	0.70	0.01	0.16
C202775		36.7	2.86	1.69	0.05	0.06	0.02	0.032	0.13	15.3	6.6	0.29	857	0.53	0.01	0.11
C202776		23.3	3.64	7.99	0.06	<0.02	0.14	0.036	0.05	14.9	9.3	0.21	400	2.20	<0.01	1.12
C202777		74.1	3.95	4.38	0.06	0.03	0.04	0.058	0.06	14.7	10.2	0.32	901	2.00	0.01	0.67
C202778		44.0	3.41	4.40	0.06	<0.02	0.04	0.041	0.08	15.6	7.2	0.22	682	1.25	0.01	0.60
C202779		48.2	3.79	2.26	0.06	0.03	0.02	0.046	0.14	19.7	3.8	0.14	1200	0.67	0.01	0.12
C202780		34.7	3.51	4.39	<0.05	<0.02	0.07	0.036	0.05	11.9	6.3	0.16	1060	1.46	0.01	0.43
C202781		24.1	3.30	8.03	0.05	<0.02	0.06	0.029	0.05	14.0	14.6	0.33	438	2.24	0.01	1.24
C202782		40.0	3.41	4.90	0.05	<0.02	0.02	0.044	0.08	15.9	8.1	0.25	1100	2.91	0.01	0.35
C202783		66.5	3.31	1.69	0.05	0.02	0.02	0.043	0.04	19.3	5.4	0.17	1100	1.27	0.01	0.15
C202784		106.5	4.76	5.71	0.05	0.02	0.06	0.068	0.12	12.7	22.7	0.52	1630	1.90	0.02	0.57
C202785		50.7	4.00	3.83	0.05	0.02	0.05	0.047	0.08	18.8	10.5	0.35	1210	1.00	0.01	0.62
C202786		31.0	3.69	2.57	0.05	0.02	0.04	0.044	0.07	13.6	5.4	0.15	934	0.82	0.01	0.33
C202787		56.6	4.17	3.04	0.05	0.02	0.04	0.057	0.07	16.8	7.8	0.26	1350	1.07	0.01	0.39
C202788		49.4	4.24	2.24	0.06	0.02	0.03	0.063	0.06	17.2	5.6	0.18	1220	0.79	0.01	0.26
C202789		332.0	7.77	5.17	0.09	0.10	0.05	0.245	0.09	19.3	23.4	0.73	2790	4.52	0.02	0.27
C202790		2540.0	12.70	14.05	0.23	0.32	0.02	0.500	0.40	14.7	26.2	2.35	2900	5.96	0.12	0.06
C202791		203.0	7.19	6.37	0.09	0.08	0.07	0.170	0.10	18.5	27.4	0.63	2200	3.27	0.01	0.69
C202792		94.5	4.94	6.87	0.05	<0.02	0.07	0.060	0.05	13.2	10.4	0.29	783	2.64	0.01	0.85
C202793		37.3	3.20	6.14	0.05	<0.02	0.06	0.027	0.05	14.7	16.2	0.40	543	1.97	0.01	0.94
C202794		58.2	3.94	5.46	0.05	0.02	0.04	0.046	0.06	18.2	18.4	0.51	989	1.67	0.01	0.87
C202795		37.6	4.50	8.28	0.06	<0.02	0.06	0.041	0.09	18.3	16.3	0.39	1120	2.18	0.01	0.93

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CERTIFICATE OF ANALYSIS VA06095227

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C202756		31.0	650	20.6	14.2	<0.001	0.03	1.36	5.1	0.7	0.4	10.8	<0.01	0.05	4.0	0.020
C202757		28.6	580	16.8	9.0	<0.001	0.04	1.79	4.1	0.5	0.2	6.5	<0.01	0.04	6.9	0.009
C202758		24.7	420	8.5	9.6	<0.001	0.02	1.53	3.3	0.3	0.2	4.5	<0.01	0.04	5.5	0.007
C202759		17.0	560	5.7	11.2	<0.001	0.04	0.88	2.4	0.3	0.2	8.8	<0.01	0.02	4.8	0.006
C202760		24.7	400	10.9	8.2	<0.001	0.01	1.33	3.5	0.4	0.2	6.3	<0.01	0.04	7.0	0.012
C202761		19.0	610	7.5	9.4	<0.001	0.04	0.92	2.8	0.4	0.2	10.0	<0.01	0.04	3.5	0.007
C202762		21.1	610	7.9	11.1	<0.001	0.04	1.07	3.3	0.5	0.2	9.1	<0.01	0.03	4.1	0.008
C202763		18.8	730	6.9	10.4	<0.001	0.07	0.95	2.8	0.6	0.2	15.7	<0.01	0.03	3.0	0.007
C202764		25.6	630	10.0	12.0	<0.001	0.03	1.45	4.5	0.5	0.2	9.6	<0.01	0.04	6.3	0.010
C202765		25.1	550	10.9	12.4	<0.001	0.03	1.48	4.5	0.5	0.3	9.3	<0.01	0.04	5.8	0.013
C202766		24.8	510	8.4	11.1	<0.001	0.02	1.28	4.0	0.5	0.2	7.1	<0.01	0.04	7.3	0.010
C202767		21.2	830	9.3	11.8	<0.001	0.06	1.11	3.2	0.5	0.3	17.8	<0.01	0.04	3.4	0.010
C202768		37.2	610	18.4	10.9	<0.001	0.03	1.70	4.6	0.6	0.3	18.6	<0.01	0.05	8.0	0.017
C202769		33.0	390	12.1	6.8	<0.001	0.02	1.64	3.4	0.5	0.2	5.8	<0.01	0.04	6.8	0.010
C202770		25.6	590	11.4	10.0	<0.001	0.06	1.57	3.4	0.5	0.2	11.3	<0.01	0.04	5.0	0.007
C202771		23.0	550	10.1	9.0	<0.001	0.06	1.42	3.7	0.7	0.2	10.1	<0.01	0.04	4.9	0.007
C202772		23.9	530	9.2	9.6	<0.001	0.03	1.33	4.4	0.6	0.2	8.4	<0.01	0.04	5.9	0.011
C202773		24.4	570	10.1	9.5	<0.001	0.04	1.34	4.1	0.6	0.2	10.0	<0.01	0.05	5.0	0.011
C202774		20.3	530	9.1	10.5	<0.001	0.07	1.41	2.9	0.7	0.2	6.3	<0.01	0.04	4.4	0.006
C202775		15.9	300	6.3	8.4	<0.001	0.03	0.88	2.9	0.4	<0.2	2.8	<0.01	0.03	5.4	0.006
C202776		15.9	440	13.6	11.0	<0.001	0.03	1.11	2.2	0.6	0.8	6.5	<0.01	0.08	1.2	0.052
C202777		32.9	550	20.6	10.7	<0.001	0.03	1.39	2.0	0.6	0.4	4.4	<0.01	0.07	3.4	0.026
C202778		22.2	430	15.6	9.5	<0.001	0.02	1.12	1.6	0.3	0.4	3.8	<0.01	0.06	2.3	0.024
C202779		26.9	270	12.4	9.7	<0.001	0.01	0.84	2.3	0.4	0.2	1.2	<0.01	0.04	9.2	<0.005
C202780		16.8	630	13.7	9.2	<0.001	0.05	1.09	0.9	0.4	0.4	4.5	<0.01	0.05	0.6	0.025
C202781		19.0	400	14.4	11.0	<0.001	0.03	1.08	2.1	0.3	0.9	8.7	<0.01	0.04	0.8	0.058
C202782		18.9	530	12.0	16.3	<0.001	0.04	0.86	1.3	<0.2	0.4	6.3	<0.01	0.08	1.2	0.018
C202783		24.0	340	16.8	5.5	<0.001	0.01	1.43	1.6	0.2	<0.2	1.9	<0.01	0.05	5.9	0.007
C202784		41.3	960	24.0	21.9	<0.001	0.09	1.98	2.9	0.8	0.6	11.0	<0.01	0.08	1.6	0.035
C202785		33.4	410	15.4	8.6	<0.001	0.01	1.04	2.9	0.3	0.3	6.2	<0.01	0.04	5.0	0.032
C202786		20.4	420	11.2	8.5	<0.001	0.02	0.74	1.4	<0.2	0.2	2.3	<0.01	0.05	3.3	0.014
C202787		29.3	470	16.7	9.1	<0.001	0.02	0.84	2.2	0.4	0.3	3.1	<0.01	0.07	5.3	0.018
C202788		28.7	350	15.4	7.3	<0.001	0.01	0.84	2.3	0.3	0.2	1.9	<0.01	0.05	6.9	0.010
C202789		85.7	680	53.7	11.9	<0.001	0.02	2.60	7.2	1.2	0.4	13.3	<0.01	0.19	22.6	0.033
C202790		36.8	1700	3.9	16.9	<0.001	0.18	5.74	9.6	<0.2	1.0	293.0	<0.01	0.01	2.7	0.187
C202791		67.4	960	53.4	19.3	<0.001	0.04	2.12	5.9	0.9	0.6	11.6	<0.01	0.16	10.0	0.032
C202792		33.5	590	25.0	10.2	<0.001	0.05	5.43	2.0	0.7	0.7	6.8	<0.01	0.11	1.9	0.042
C202793		26.1	470	19.7	10.8	<0.001	0.03	1.14	2.1	0.3	0.6	9.6	<0.01	0.07	1.2	0.051
C202794		31.6	650	30.1	12.8	<0.001	0.04	1.19	3.7	0.4	0.6	10.4	<0.01	0.06	2.9	0.054
C202795		23.7	700	21.7	16.3	<0.001	0.06	1.01	2.9	<0.2	0.9	9.0	<0.01	0.07	1.1	0.049

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095227

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C202756		0.21	1.11	37	0.15	14.75	76	1.2
C202757		0.12	0.83	18	0.06	13.15	50	1.8
C202758		0.07	0.67	15	0.06	9.23	37	2.3
C202759		0.07	0.52	14	0.07	3.53	25	2.1
C202760		0.08	0.69	17	0.08	8.61	43	1.5
C202761		0.07	0.74	15	0.06	8.02	31	1.9
C202762		0.08	0.79	16	0.07	9.15	46	2.2
C202763		0.08	0.61	14	0.06	10.80	34	2.2
C202764		0.09	1.14	20	0.09	12.60	47	2.7
C202765		0.10	1.26	23	0.11	11.10	51	1.9
C202766		0.08	0.92	19	0.09	7.81	36	2.3
C202767		0.08	1.34	20	0.10	8.15	55	2.1
C202768		0.13	1.36	24	0.10	10.35	47	1.5
C202769		0.09	1.38	16	0.07	9.57	37	0.8
C202770		0.09	1.11	15	0.06	9.92	43	2.4
C202771		0.07	0.98	15	0.36	8.64	43	2.4
C202772		0.07	1.86	19	0.17	9.65	45	2.3
C202773		0.07	1.42	20	0.13	9.43	59	2.1
C202774		0.06	0.63	13	0.08	4.96	79	2.4
C202775		0.05	0.43	12	0.06	3.91	29	1.7
C202776		0.17	0.75	68	0.27	2.49	50	<0.5
C202777		0.14	1.64	31	0.18	3.57	69	0.6
C202778		0.12	0.68	29	0.15	2.58	52	<0.5
C202779		0.06	1.19	9	<0.05	3.43	44	1.4
C202780		0.11	0.94	31	0.15	2.32	52	<0.5
C202781		0.21	0.79	65	0.35	3.44	65	<0.5
C202782		0.08	0.98	27	0.12	2.43	51	<0.5
C202783		0.03	2.18	8	0.05	3.04	41	<0.5
C202784		0.13	3.37	42	0.18	8.33	116	<0.5
C202785		0.08	1.16	28	0.14	5.11	65	0.7
C202786		0.05	0.83	15	0.08	2.49	48	0.5
C202787		0.06	0.98	18	0.09	4.57	73	0.7
C202788		0.04	1.15	12	0.07	4.44	52	0.7
C202789		0.15	5.47	30	0.13	17.85	176	5.1
C202790		0.08	4.08	122	11.85	17.20	161	16.5
C202791		0.18	5.59	43	0.26	14.40	160	2.2
C202792		0.18	1.81	51	0.23	3.74	75	0.5
C202793		0.14	1.06	52	0.28	3.99	76	<0.5
C202794		0.13	1.98	48	0.23	10.85	87	<0.5
C202795		0.20	1.60	66	0.29	9.48	60	<0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C202796		0.74	<0.005	0.02	1.04	7.1	<10	90	0.41	0.56	0.01	0.05	69.40	12.7	10	0.57
C202797		0.78	<0.005	0.03	0.87	9.3	<10	80	0.46	0.59	0.02	0.06	65.50	11.6	10	0.65
C202798		0.52	<0.005	0.06	0.95	15.0	<10	90	0.58	1.04	0.10	0.12	39.50	13.3	10	1.10
C202799		0.70	<0.005	0.03	0.82	7.5	<10	80	0.41	0.51	0.02	0.03	66.40	8.2	8	0.62
C202800		0.76	<0.005	0.04	0.73	10.3	<10	40	0.40	0.54	0.03	0.05	49.40	9.0	8	0.54
C202801		0.54	<0.005	0.03	1.36	14.9	<10	90	0.48	0.87	0.04	0.10	40.10	18.9	19	1.76
C202802		0.42	0.009	0.10	1.27	9.9	<10	1070	1.20	1.15	0.67	0.14	37.30	20.6	23	1.27
C202803		0.52	<0.005	0.16	1.28	7.9	<10	1150	1.53	1.36	1.50	0.18	31.60	14.1	16	1.41
C202804		0.58	<0.005	0.10	1.70	9.7	<10	770	1.62	1.17	0.66	0.17	39.10	18.4	20	1.64
C202805		0.52	0.010	0.12	1.32	6.8	<10	1660	1.55	1.01	0.72	0.16	42.10	17.9	21	1.06
C202806		0.64	0.010	0.08	1.73	11.7	<10	500	1.60	1.10	0.62	0.18	47.00	22.4	24	2.00
C202807		0.56	0.006	0.10	1.67	9.6	<10	690	1.38	0.64	0.64	0.21	35.50	15.6	22	1.72
C202808		0.52	0.007	0.13	1.53	10.0	<10	580	1.39	0.93	0.85	0.23	37.70	16.3	23	1.75
C202809		0.50	0.007	0.13	1.41	9.5	<10	580	1.43	0.78	1.21	0.22	36.00	15.8	20	1.62
C202810		0.48	0.080	0.13	1.12	12.8	<10	620	2.37	0.97	0.98	0.20	73.80	23.2	17	1.37
C202811		0.58	0.028	0.16	1.20	14.2	<10	660	2.40	0.82	0.83	0.23	82.70	26.4	18	1.47
C202812		0.52	0.013	0.04	1.04	6.8	<10	850	1.39	0.74	0.56	0.11	44.80	17.8	25	0.72
C202813		0.54	<0.005	0.09	0.62	8.5	<10	100	0.61	0.32	7.07	0.20	22.70	11.9	10	1.25
C202814		0.54	<0.005	0.11	0.71	8.6	<10	90	0.73	0.27	7.82	0.21	18.35	12.3	10	1.01
C202815		0.46	<0.005	0.16	0.73	9.9	<10	120	0.82	0.26	7.18	0.30	19.75	12.1	11	1.34
C202816		0.42	0.036	0.22	1.01	12.7	<10	220	0.98	0.36	4.22	0.39	22.70	15.0	13	1.76
C202817		0.50	<0.005	0.11	0.85	8.6	<10	260	0.86	0.31	5.60	0.20	23.00	11.1	13	1.25
C202818		0.46	<0.005	0.17	0.79	7.8	10	380	0.78	0.34	4.79	0.36	18.20	9.9	11	1.08
C202819		0.32	<0.005	0.14	0.76	6.0	10	880	0.63	0.34	2.91	0.47	11.50	7.6	8	1.14
C202820		0.58	<0.005	0.16	1.09	12.4	<10	1050	1.40	1.41	3.01	0.30	36.50	19.1	16	0.85
C202821		0.40	<0.005	0.10	0.72	8.4	10	290	0.75	0.44	4.17	0.40	20.10	10.5	10	1.07
C202822		0.44	<0.005	0.17	0.81	8.6	<10	160	0.67	0.23	5.73	0.37	17.45	10.2	10	0.86
C202823		0.46	<0.005	0.11	1.27	10.9	<10	720	1.06	0.29	0.89	0.45	32.90	20.3	18	1.35
C202824		0.44	<0.005	0.30	1.12	11.7	<10	240	0.90	0.22	3.04	0.82	19.30	13.3	15	1.30
C202825		0.50	0.009	0.23	0.78	9.5	10	470	0.58	0.20	2.71	0.57	14.25	8.1	11	0.98
C202826		0.42	0.028	0.23	0.80	9.2	10	180	0.96	0.42	7.29	0.26	20.40	8.6	13	2.56
C202827		0.42	<0.005	0.23	0.72	12.0	10	120	0.91	0.44	8.84	0.20	23.40	8.8	10	2.21
C202828		0.44	<0.005	0.14	0.45	5	<10	110	0.51	0.26	12.30	0.16	17.60	6.0	6	1.24
C202829		0.64	<0.005	0.08	2.64	39.6	<10	30	2.65	1.64	0.12	0.10	39.40	278.0	23	5.26
C202830		0.76	<0.005	0.06	2.22	24.0	<10	40	2.70	1.14	0.06	0.14	32.50	110.0	19	6.12
C202831		0.62	<0.005	0.07	2.29	24.7	<10	40	2.75	1.15	0.07	0.15	33.40	115.5	20	6.57
C202832		0.72	<0.005	0.21	1.07	46.5	<10	70	2.67	2.69	0.13	0.29	20.80	143.0	14	7.42
C202833		0.76	<0.005	0.16	0.49	68.4	<10	50	1.86	2.24	0.12	0.19	18.55	86.2	7	2.37
C202834		0.78	<0.005	0.11	1.48	50.7	<10	50	5.80	2.49	0.06	0.15	27.40	191.0	12	4.72
C202835		0.82	<0.005	0.20	1.14	68.9	<10	130	5.14	2.82	0.08	0.31	35.10	129.5	12	8.72

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C202796		26.2	3.11	2.70	0.07	0.02	0.02	0.027	0.08	33.1	15.7	0.37	578	0.35	0.01	0.16
C202797		35.2	2.95	2.43	0.07	<0.02	0.02	0.028	0.05	31.7	12.2	0.30	552	0.54	0.01	0.29
C202798		47.5	3.56	2.55	0.06	0.03	0.03	0.039	0.09	19.6	9.9	0.27	742	0.83	0.01	0.21
C202799		26.5	2.80	2.15	0.06	0.03	0.01	0.023	0.08	32.3	9.9	0.26	411	0.52	0.01	0.13
C202800		28.9	3.06	1.96	0.05	0.02	0.02	0.024	0.06	24.6	8.5	0.26	432	0.53	0.01	0.13
C202801		24.6	4.62	4.68	0.05	<0.02	0.04	0.065	0.07	18.9	12.2	0.31	1960	1.32	0.01	0.55
C202802		63.3	4.46	4.78	0.06	0.08	0.09	0.131	0.12	19.1	18.1	0.85	3000	0.88	0.02	0.31
C202803		82.7	3.29	4.03	0.06	0.10	0.14	0.109	0.11	15.0	14.8	0.72	2910	0.78	0.02	0.33
C202804		72.6	3.98	6.25	0.07	0.09	0.11	0.114	0.12	18.5	23.0	1.03	2460	2.12	0.02	0.36
C202805		94.5	4.01	4.99	0.07	0.07	0.12	0.117	0.12	22.7	18.3	0.88	2160	1.49	0.02	0.29
C202806		19.8	4.53	6.18	0.06	0.08	0.08	0.111	0.13	23.9	25.8	0.94	3850	1.02	0.02	0.30
C202807		27.9	4.19	5.66	0.06	0.08	0.14	0.135	0.10	20.8	20.1	0.88	3230	0.84	0.02	0.29
C202808		33.5	3.90	5.06	0.07	0.07	0.12	0.102	0.11	19.5	19.4	0.88	2580	0.91	0.02	0.35
C202809		29.7	4.15	4.74	0.06	0.07	0.14	0.125	0.13	19.4	17.3	0.92	2760	0.89	0.02	0.32
C202810		44.8	5.04	3.52	0.10	0.12	0.17	0.179	0.12	37.9	11.4	0.57	4770	1.42	0.02	0.32
C202811		43.1	5.62	3.94	0.21	0.20	0.14	0.197	0.12	43.8	11.6	0.59	5650	1.58	0.01	0.38
C202812		45.3	3.67	4.14	0.07	0.11	0.08	0.091	0.14	24.5	17.3	0.85	2120	1.56	0.01	0.25
C202813		27.9	2.24	2.11	0.06	0.06	0.06	0.027	0.07	10.7	13.2	4.57	590	0.77	0.02	0.14
C202814		26.9	2.41	2.38	0.06	0.07	0.07	0.028	0.06	8.3	15.7	5.01	614	1.03	0.02	0.10
C202815		30.0	2.54	2.50	0.06	0.08	0.09	0.029	0.09	9.0	15.9	4.65	626	0.86	0.02	0.14
C202816		43.7	3.11	3.41	0.07	0.10	0.12	0.039	0.11	10.5	20.2	2.80	751	1.04	0.02	0.18
C202817		42.4	2.58	2.94	0.06	0.06	0.07	0.040	0.10	11.1	15.4	3.56	688	0.74	0.02	0.19
C202818		49.5	2.18	2.67	0.05	0.05	0.11	0.039	0.06	8.5	12.3	2.36	950	0.71	0.02	0.26
C202819		46.4	1.76	2.63	<0.05	0.05	0.11	0.039	0.06	6.0	8.2	0.56	1200	0.79	0.02	0.25
C202820		96.3	3.55	3.95	0.07	0.11	0.08	0.077	0.16	17.8	16.6	1.94	2500	0.91	0.02	0.34
C202821		39.8	2.29	2.42	0.06	0.08	0.08	0.051	0.07	10.1	10.3	2.16	1250	0.75	0.02	0.22
C202822		30.3	2.47	2.32	0.05	0.06	0.10	0.031	0.07	8.0	12.3	3.58	779	0.64	0.02	0.16
C202823		28.1	5.30	3.71	0.07	0.11	0.18	0.168	0.08	15.0	11.7	0.43	9730	0.89	0.02	0.24
C202824		65.6	3.40	3.22	0.06	0.06	0.26	0.044	0.07	9.2	12.3	1.27	1850	0.87	0.02	0.24
C202825		58.8	2.11	2.09	<0.05	0.05	0.15	0.031	0.06	5.3	9.9	0.54	703	0.82	0.01	0.26
C202826		65.5	2.24	2.38	0.06	0.08	0.27	0.043	0.12	10.6	13.0	4.57	397	1.05	0.03	0.22
C202827		43.4	2.02	2.11	0.06	0.08	0.13	0.045	0.11	11.9	11.1	5.70	381	0.99	0.02	0.25
C202828		26.8	1.46	1.34	<0.05	0.04	0.08	0.028	0.07	8.6	8.6	8.04	502	0.78	0.02	0.12
C202829		26.6	5.12	6.07	0.10	0.22	0.03	0.099	0.05	18.7	46.7	2.12	1700	4.46	0.04	0.05
C202830		36.0	4.70	5.87	0.09	0.15	0.05	0.165	0.05	15.6	38.4	1.91	2060	2.38	0.02	0.08
C202831		38.4	4.88	6.20	0.10	0.15	0.06	0.181	0.05	15.7	40.6	1.99	2200	2.40	0.02	0.08
C202832		136.5	6.54	2.78	0.09	0.08	0.06	0.183	0.06	9.4	11.6	0.36	3010	2.42	0.02	0.22
C202833		164.5	4.01	1.41	0.05	0.06	0.05	0.075	0.04	8.3	4.7	0.12	1760	2.01	0.01	0.15
C202834		148.0	3.95	3.16	0.09	0.10	0.03	0.078	0.04	11.7	27.5	1.23	1330	3.54	0.02	0.12
C202835		311.0	6.59	3.08	0.09	0.07	0.08	0.204	0.07	15.5	14.3	0.38	3640	6.27	0.01	0.24

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095227

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C202796		23.8	340	5.9	7.5	<0.001	0.01	0.54	2.5	0.4	0.2	1.9	<0.01	0.02	8.3	0.006
C202797		24.0	270	6.6	6.0	<0.001	<0.01	0.69	2.4	<0.2	0.2	3.3	<0.01	0.03	8.7	0.013
C202798		26.1	400	11.5	9.9	<0.001	0.03	0.94	2.3	<0.2	0.2	5.4	<0.01	0.04	5.2	0.008
C202799		19.4	250	6.4	7.5	<0.001	<0.01	0.57	2.1	<0.2	<0.2	2.3	<0.01	0.02	8.1	0.005
C202800		19.8	300	6.8	5.8	<0.001	0.01	0.63	1.5	<0.2	<0.2	2.0	<0.01	0.02	6.3	0.005
C202801		25.0	510	11.4	12.4	<0.001	0.04	1.12	2.4	0.2	0.5	5.8	<0.01	0.07	2.5	0.030
C202802		36.4	970	9.3	16.0	<0.001	0.06	1.02	7.9	0.5	0.5	18.2	<0.01	0.10	8.0	0.021
C202803		20.1	1130	14.4	13.9	<0.001	0.10	0.83	6.8	0.8	0.4	17.0	<0.01	0.08	3.3	0.013
C202804		24.9	910	16.5	16.8	<0.001	0.06	0.82	7.6	0.3	0.6	11.9	<0.01	0.08	3.7	0.023
C202805		30.7	1020	10.0	14.6	<0.001	0.08	1.06	8.2	0.4	0.6	15.9	<0.01	0.08	7.8	0.019
C202806		43.6	1050	18.5	21.6	<0.001	0.08	1.03	7.8	0.3	0.6	18.2	<0.01	0.08	7.8	0.020
C202807		27.1	1260	20.6	16.7	<0.001	0.09	0.78	8.4	0.6	0.6	13.7	<0.01	0.15	4.9	0.019
C202808		28.0	1040	19.6	14.1	<0.001	0.07	0.79	7.5	0.6	0.5	13.8	<0.01	0.07	4.1	0.023
C202809		28.9	1220	15.7	15.7	<0.001	0.10	0.95	7.0	0.7	0.5	13.7	<0.01	0.08	4.1	0.019
C202810		27.2	1080	19.2	12.7	<0.001	0.08	1.60	8.1	0.8	0.4	12.7	0.01	0.14	7.2	0.021
C202811		30.3	1010	20.4	12.7	<0.001	0.07	1.70	9.3	1.5	0.4	12.1	0.03	0.17	7.3	0.021
C202812		32.3	860	8.1	14.4	0.001	0.05	1.43	7.7	0.6	0.5	10.4	0.01	0.13	7.7	0.018
C202813		17.9	560	31.1	5.4	<0.001	0.03	1.01	3.8	0.3	0.2	32.0	<0.01	0.03	5.7	0.005
C202814		19.8	560	32.2	4.6	<0.001	0.03	1.04	4.4	0.3	0.3	35.2	<0.01	0.02	4.2	<0.005
C202815		19.7	720	47.5	6.3	0.001	0.06	1.09	4.6	0.5	0.3	29.8	<0.01	0.02	3.4	<0.005
C202816		24.6	840	60.0	9.5	<0.001	0.06	1.37	5.8	0.8	0.4	22.9	<0.01	0.03	3.7	0.005
C202817		18.2	650	33.0	8.2	<0.001	0.07	0.87	5.4	0.8	0.3	21.2	<0.01	0.03	3.1	0.006
C202818		15.2	910	35.5	9.1	<0.001	0.12	0.89	3.4	1.4	0.6	24.5	<0.01	0.04	0.9	0.007
C202819		10.4	1160	28.0	13.2	<0.001	0.16	0.87	2.7	1.4	0.6	26.2	<0.01	0.05	0.4	0.007
C202820		24.4	850	46.3	10.9	<0.001	0.08	1.42	7.4	0.9	0.5	19.3	0.01	0.11	4.2	0.015
C202821		15.7	1000	39.8	8.9	<0.001	0.15	0.98	4.3	1.1	0.3	17.5	<0.01	0.07	1.6	0.009
C202822		16.2	740	78.1	7.1	<0.001	0.08	0.95	3.8	0.8	0.3	19.9	<0.01	0.03	1.4	0.005
C202823		39.9	610	75.6	10.5	<0.001	0.06	1.11	10.7	1.3	2.7	13.1	0.01	0.04	6.3	0.006
C202824		18.6	1350	69.3	8.6	<0.001	0.18	1.03	3.0	1.5	1.3	18.8	0.01	0.04	0.5	0.006
C202825		13.4	1290	38.9	8.2	<0.001	0.18	0.94	1.8	1.5	0.4	21.6	<0.01	0.03	0.5	0.006
C202826		18.7	850	77.5	9.8	<0.001	0.17	1.30	5.3	2.1	0.5	28.9	<0.01	0.04	1.9	0.006
C202827		18.5	730	86.5	9.4	<0.001	0.08	1.28	5.0	1.0	0.5	29.6	<0.01	0.05	2.0	0.008
C202828		11.1	450	48.3	5.8	<0.001	0.06	1.03	3.6	0.8	0.2	34.8	<0.01	0.02	1.7	<0.005
C202829		145.0	940	11.1	4.5	<0.001	0.16	1.79	6.6	0.5	0.6	21.1	0.01	0.05	61.8	<0.005
C202830		63.9	600	13.0	5.5	<0.001	0.09	1.45	7.6	0.7	0.3	15.4	<0.01	0.05	47.6	0.005
C202831		66.7	620	13.4	5.8	<0.001	0.09	1.49	8.2	0.8	0.3	16.5	<0.01	0.05	48.9	0.006
C202832		101.5	810	37.0	8.9	<0.001	0.12	2.29	11.1	1.0	0.4	33.2	0.01	0.08	35.1	0.009
C202833		77.9	480	22.2	5.2	<0.001	0.03	2.58	6.6	0.5	0.2	12.4	0.01	0.08	25.4	0.006
C202834		125.5	490	13.3	4.8	<0.001	0.09	3.03	4.0	0.7	0.2	12.7	<0.01	0.14	48.0	0.008
C202835		93.5	740	23.5	10.5	<0.001	0.05	2.65	9.6	1.1	0.4	14.3	0.01	0.22	46.5	0.011

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-OCT-2006
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CERTIFICATE OF ANALYSIS VA06095227

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C202796		0.04	0.63	10	<0.05	4.69	38	0.8
C202797		0.03	0.91	12	0.07	5.00	38	0.7
C202798		0.06	1.34	12	0.06	5.68	52	0.9
C202799		0.02	0.82	8	<0.05	4.43	28	0.9
C202800		0.02	0.67	8	<0.05	2.70	33	0.7
C202801		0.08	0.93	36	0.16	5.35	59	<0.5
C202802		0.07	3.77	34	0.43	14.95	76	1.7
C202803		0.08	3.43	24	0.15	20.20	56	1.9
C202804		0.11	3.04	47	5.22	16.60	85	1.5
C202805		0.07	3.31	37	0.54	17.55	47	1.6
C202806		0.12	3.02	39	0.43	23.60	89	1.4
C202807		0.10	2.11	37	0.39	25.30	74	1.4
C202808		0.09	2.66	36	0.33	21.90	78	1.3
C202809		0.08	2.74	32	0.36	24.70	76	1.3
C202810		0.08	3.11	28	0.68	35.10	61	2.5
C202811		0.09	3.31	30	0.67	43.60	67	2.8
C202812		0.13	2.38	26	0.42	15.95	39	2.6
C202813		0.07	1.50	13	0.10	8.16	104	1.8
C202814		0.06	1.77	15	0.08	8.55	111	2.3
C202815		0.09	1.28	15	0.07	9.36	137	2.1
C202816		0.12	1.80	19	0.09	11.35	175	2.6
C202817		0.08	1.06	19	0.10	10.75	118	1.5
C202818		0.10	1.53	18	0.10	11.05	138	1.3
C202819		0.10	3.31	16	0.09	8.19	120	1.0
C202820		0.17	1.38	32	0.29	17.35	107	2.4
C202821		0.10	0.93	21	0.14	11.90	136	1.8
C202822		0.09	0.70	18	0.09	9.72	155	1.4
C202823		0.15	1.46	32	0.17	30.00	121	1.5
C202824		0.12	2.63	26	0.11	18.70	179	1.1
C202825		0.08	3.07	17	0.11	6.57	138	1.2
C202826		0.21	1.94	18	0.09	14.55	142	1.9
C202827		0.15	0.93	18	0.11	14.45	130	1.7
C202828		0.10	0.93	12	0.09	9.39	76	1.0
C202829		0.08	8.15	25	0.05	18.40	57	12.4
C202830		0.09	8.41	23	0.05	15.10	48	7.9
C202831		0.09	8.75	25	0.06	16.10	51	7.8
C202832		0.17	7.52	24	0.09	22.80	83	2.4
C202833		0.09	6.69	14	0.05	11.00	68	2.0
C202834		0.16	16.20	15	0.06	10.90	47	4.7
C202835		0.17	10.65	21	0.09	22.30	71	1.4

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C202836		0.66	<0.005	0.12	1.41	66.3	<10	90	3.28	1.39	0.06	0.35	42.80	67.9	16	10.10
C202837		0.66	<0.005	0.23	1.04	83.4	<10	90	3.26	1.49	0.14	0.31	27.10	64.7	13	7.10
C202838		0.72	<0.005	0.09	1.25	70.4	<10	70	2.60	1.62	0.08	0.22	29.00	45.8	17	4.82
C202839		0.52	<0.005	0.16	1.36	44.8	<10	90	2.87	1.29	0.27	0.23	24.50	34.0	16	4.01
C202840		0.64	<0.005	0.15	1.13	116.0	<10	90	4.49	4.50	0.08	0.34	20.60	111.0	13	5.28
C202841		0.52	0.012	0.05	1.67	10.1	<10	390	1.67	1.74	0.16	0.20	148.50	57.8	18	7.77
C202842		0.64	0.005	0.04	2.01	9.8	<10	400	2.30	6.09	0.26	0.20	163.00	42.9	22	12.75
C202843		0.56	<0.005	0.14	1.63	7.7	<10	900	1.77	1.75	0.47	0.22	294.00	38.6	19	7.10
C202844		0.62	<0.005	0.04	1.48	6.7	<10	610	1.69	3.82	0.25	0.15	120.50	35.6	20	8.10
C202845		0.58	<0.005	0.08	2.03	12.0	<10	1100	2.18	4.01	0.96	0.40	131.50	38.9	24	18.85
C202846		0.70	<0.005	0.05	1.20	5.9	<10	950	1.07	1.08	0.75	0.20	88.90	38.1	14	4.63
C202847		0.62	0.015	0.06	1.12	6.3	<10	1010	1.02	0.83	0.51	0.13	73.20	28.9	16	4.76
C202848		0.66	0.005	0.03	0.90	7.0	<10	620	0.78	1.61	0.41	0.06	49.20	24.3	12	1.76
C202849		0.56	0.007	0.04	0.71	7.0	<10	340	0.78	1.78	0.70	0.20	51.50	35.8	6	2.22
C202850		0.10	0.055	0.99	4.65	37	20	510	0.84	0.05	15.50	0.02	22.80	49.1	61	2.11
C202851		0.48	0.005	0.07	1.77	10.7	<10	190	0.90	4.40	1.08	0.16	65.80	31.6	16	4.22
C202852		0.64	0.011	0.07	1.76	20.4	<10	150	0.65	2.93	0.63	0.14	68.60	45.4	15	3.28
C202853		0.60	0.011	0.04	0.93	6.9	<10	700	0.41	1.76	0.61	0.15	43.80	30.2	11	1.88
C202854		0.56	<0.005	0.05	0.97	6.5	<10	830	0.59	1.34	0.89	0.19	77.10	29.5	13	3.59
C202855		0.58	<0.005	0.05	1.48	7.0	<10	460	0.80	1.54	0.54	0.34	90.80	35.3	16	3.78
C202856		0.60	0.005	0.05	1.64	12.0	<10	480	1.09	1.37	0.40	0.48	73.30	86.8	16	3.84
C202857		0.60	0.013	0.07	1.29	8.0	<10	660	1.11	1.84	0.25	0.14	90.70	107.0	19	7.51
C202858		0.64	<0.005	0.06	0.71	5.0	<10	200	0.64	0.48	0.89	0.61	45.80	54.2	8	1.84
C202859		0.68	<0.005	0.04	0.68	4.7	<10	50	0.38	0.46	0.03	0.06	45.90	5.6	7	0.60
C202860		0.50	<0.005	0.05	1.20	8.8	<10	110	0.54	0.60	0.05	0.11	42.70	10.9	15	1.17
C202861		0.50	0.005	0.06	0.76	9.9	<10	60	0.46	0.66	0.07	0.06	57.10	17.0	8	0.73
C202862		0.52	<0.005	0.07	1.48	17.1	<10	100	0.46	1.38	0.06	0.10	38.90	11.2	20	1.85
C202863		0.42	0.018	0.21	1.62	26.3	<10	600	1.00	3.79	0.46	0.45	29.80	26.9	21	3.03
C202864		0.70	<0.005	0.03	1.06	12.0	<10	70	0.33	0.94	0.01	0.04	45.50	8.1	13	1.02
C202865		0.62	0.009	0.11	1.80	14.9	<10	100	0.66	0.85	0.06	0.12	39.50	12.2	24	1.66
C202866		0.50	0.010	0.07	1.88	34.7	<10	130	0.88	1.59	0.08	0.19	35.70	15.9	25	2.59
C202867		0.52	<0.005	0.05	0.70	11.1	<10	90	0.33	0.87	0.13	0.23	19.95	10.9	10	1.09
C202868		0.66	<0.005	0.03	0.90	17.8	<10	70	0.44	1.16	0.04	0.07	30.90	9.8	13	1.11
C202869		0.58	0.009	0.06	0.69	16.3	<10	90	0.44	1.41	0.10	0.15	27.40	9.5	9	1.08
C202870		0.74	0.009	0.05	0.79	15.1	<10	70	0.36	1.18	0.03	0.09	30.60	8.4	11	0.99
C202871		0.62	<0.005	0.05	0.75	15.5	<10	70	0.39	1.17	0.03	0.10	32.80	8.7	10	0.95
C202872		0.60	0.006	0.06	1.08	12.1	<10	100	0.21	0.72	0.09	0.11	27.90	4.9	18	1.87
C202873		0.60	0.006	0.05	1.02	14.3	<10	80	0.32	0.90	0.04	0.09	31.20	7.4	16	1.22
C202874		0.56	0.011	0.04	1.23	10.2	<10	70	0.27	0.60	0.06	0.09	25.00	7.2	22	1.28
C202875		0.58	0.006	0.05	0.93	11.1	<10	70	0.19	0.97	0.04	0.05	37.60	6.4	14	1.43

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095227

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C202836		260.0	6.82	4.08	0.10	0.08	0.08	0.249	0.07	20.0	18.1	0.44	4080	4.35	0.01	0.39
C202837		450.0	7.65	2.88	0.09	0.09	0.08	0.219	0.06	12.2	12.8	0.38	4740	4.50	0.01	0.27
C202838		252.0	5.13	3.76	0.07	0.06	0.03	0.110	0.06	13.5	17.0	0.44	1730	3.54	0.01	0.36
C202839		146.5	6.31	4.28	0.07	0.06	0.10	0.149	0.06	11.2	16.5	0.56	2300	4.46	0.02	0.33
C202840		1025.0	7.70	3.26	0.09	0.05	0.09	0.217	0.07	9.2	10.5	0.26	3200	3.83	0.01	0.24
C202841		115.5	5.01	6.17	0.19	0.08	0.04	0.065	0.10	70.3	23.0	0.77	2930	2.67	0.01	0.43
C202842		152.5	4.23	6.65	0.16	0.07	0.05	0.064	0.10	46.5	27.5	0.79	2780	2.73	0.01	0.52
C202843		89.9	4.89	6.08	0.33	0.12	0.06	0.080	0.11	143.5	15.6	0.51	4550	2.48	0.01	0.32
C202844		42.5	3.67	5.65	0.13	0.06	0.06	0.049	0.09	48.5	19.1	0.68	2830	1.39	0.01	0.48
C202845		51.9	3.47	6.88	0.16	0.09	0.05	0.069	0.11	59.1	22.1	0.68	4040	2.23	0.02	0.35
C202846		64.6	3.24	3.82	0.11	0.06	0.06	0.042	0.08	44.7	12.0	0.44	3290	1.56	0.02	0.20
C202847		130.5	3.21	3.99	0.13	0.08	0.07	0.044	0.11	49.9	11.1	0.39	2860	1.47	0.02	0.22
C202848		121.5	3.41	3.29	0.10	0.06	0.04	0.030	0.08	27.4	11.4	0.55	2850	1.79	0.01	0.21
C202849		132.5	2.72	2.59	0.09	0.11	0.11	0.084	0.08	26.4	6.1	0.31	10950	2.20	0.01	0.12
C202850		2540.0	17.65	14.10	0.37	0.15	0.01	0.507	0.45	14.7	26.2	2.61	3190	6.61	0.14	0.11
C202851		73.4	4.50	5.81	0.13	0.11	0.08	0.072	0.08	37.1	22.9	1.15	4730	2.16	0.01	0.14
C202852		67.3	6.19	5.60	0.15	0.14	0.04	0.048	0.06	34.5	28.1	1.22	5360	4.77	0.01	0.22
C202853		82.5	2.87	2.87	0.08	0.05	0.03	0.032	0.07	23.7	17.1	0.69	2950	1.71	0.01	0.08
C202854		74.5	3.35	3.92	0.12	0.07	0.05	0.050	0.07	39.1	13.3	0.67	5440	1.93	0.02	0.09
C202855		178.5	5.14	5.48	0.15	0.09	0.08	0.093	0.07	43.0	13.3	0.76	8490	4.11	0.01	0.13
C202856		120.0	7.29	5.52	0.15	0.07	0.08	0.118	0.10	33.1	14.6	0.63	6700	5.85	0.02	0.31
C202857		404.0	7.27	4.49	0.18	0.11	0.13	0.119	0.10	47.3	16.7	0.78	6900	4.89	0.01	0.38
C202858		16.6	11.25	2.80	0.17	0.12	0.15	0.206	0.06	20.7	3.1	0.32	14950	0.92	0.01	0.22
C202859		16.4	2.51	1.83	0.07	0.03	0.01	0.031	0.05	23.6	8.1	0.18	150	0.51	<0.01	0.18
C202860		27.2	3.47	3.44	0.09	0.03	0.02	0.041	0.08	22.6	11.2	0.30	534	0.83	<0.01	0.52
C202861		34.1	3.77	2.05	0.11	0.05	0.01	0.038	0.09	27.7	9.5	0.30	776	1.01	<0.01	0.10
C202862		39.4	3.92	5.70	0.08	<0.02	0.02	0.065	0.08	20.4	10.5	0.27	861	2.02	0.01	0.78
C202863		91.2	7.89	4.93	0.13	0.10	0.07	0.312	0.12	16.7	14.4	0.48	6480	16.25	0.01	0.51
C202864		31.5	3.72	3.42	0.08	0.04	0.02	0.054	0.11	23.7	6.3	0.22	813	1.10	0.01	0.37
C202865		37.4	3.65	6.27	0.09	<0.02	0.05	0.047	0.08	20.5	13.0	0.40	748	1.85	0.01	0.71
C202866		113.0	4.64	5.64	0.08	0.02	0.04	0.106	0.11	18.9	16.1	0.48	1210	1.61	0.01	0.72
C202867		23.1	3.94	3.11	0.06	<0.02	0.03	0.054	0.04	9.6	6.3	0.14	1610	0.81	<0.01	0.27
C202868		45.6	3.30	3.45	0.07	<0.02	0.02	0.065	0.05	16.7	7.7	0.22	1020	1.34	<0.01	0.36
C202869		51.9	3.56	2.27	0.07	0.02	0.05	0.078	0.05	13.4	5.0	0.18	1500	1.22	<0.01	0.32
C202870		46.6	3.17	2.53	0.07	0.02	0.03	0.065	0.07	16.0	5.7	0.18	1130	1.14	<0.01	0.38
C202871		47.6	3.15	2.45	0.07	0.02	0.03	0.066	0.06	16.9	5.6	0.18	1210	1.11	<0.01	0.36
C202872		18.3	2.42	8.16	0.05	<0.02	0.03	0.040	0.06	14.5	4.3	0.17	399	2.34	0.01	0.94
C202873		36.3	2.94	3.75	0.07	<0.02	0.04	0.050	0.08	16.2	9.0	0.25	540	1.52	<0.01	0.58
C202874		19.8	3.06	4.21	<0.05	<0.02	0.03	0.030	0.06	12.0	7.3	0.28	703	1.44	0.01	0.58
C202875		23.2	2.38	4.74	0.07	<0.02	0.02	0.033	0.06	20.5	5.1	0.15	340	2.00	<0.01	0.43

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-OCT-2006
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CERTIFICATE OF ANALYSIS VA06095227

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C202836		57.8	770	35.3	13.2	<0.001	0.04	2.40	9.0	1.3	0.4	14.2	0.01	0.16	32.3	0.021
C202837		80.1	750	29.8	10.3	<0.001	0.03	3.52	7.7	1.4	0.4	15.3	0.01	0.17	37.4	0.015
C202838		52.1	520	25.1	10.2	<0.001	0.03	3.09	4.9	0.7	0.4	10.4	0.01	0.18	18.5	0.020
C202839		45.9	710	37.6	10.4	<0.001	0.09	3.28	6.6	1.1	0.4	12.7	0.01	0.17	14.6	0.016
C202840		101.5	1040	56.3	12.8	<0.001	0.08	3.72	8.7	1.4	0.4	12.4	0.01	0.17	18.5	0.012
C202841		36.2	820	21.9	19.6	0.001	0.05	1.45	3.6	0.7	0.7	7.7	0.01	0.12	9.7	0.019
C202842		33.4	1310	27.4	20.8	<0.001	0.08	1.24	2.0	0.7	0.7	14.2	0.01	0.13	4.0	0.029
C202843		35.3	1690	16.9	24.7	0.001	0.09	0.94	4.0	1.2	0.6	13.7	0.02	0.13	12.2	0.012
C202844		27.7	990	16.0	18.0	<0.001	0.06	0.88	2.8	0.6	0.6	10.7	0.01	0.08	7.2	0.024
C202845		28.0	2030	29.6	25.0	<0.001	0.15	1.17	2.5	0.8	0.7	20.4	0.01	0.09	3.5	0.017
C202846		22.1	1340	13.7	16.9	<0.001	0.10	0.85	2.0	0.8	0.4	15.0	0.01	0.08	4.2	0.011
C202847		21.9	1080	14.1	19.6	<0.001	0.07	0.67	4.4	0.8	0.5	11.9	0.01	0.09	7.3	0.013
C202848		27.0	730	6.0	10.9	<0.001	0.04	0.53	4.4	0.3	0.4	7.9	0.01	0.06	10.5	0.015
C202849		16.7	910	8.7	13.2	<0.001	0.09	0.44	3.1	1.0	0.4	18.3	0.01	0.06	7.3	0.005
C202850		35.3	1800	3.6	18.3	0.001	0.21	5.10	9.9	<0.2	1.0	310.0	0.01	0.01	2.8	0.212
C202851		36.4	1250	14.9	13.7	<0.001	0.11	0.46	4.8	1.3	0.4	26.3	0.01	0.07	8.1	0.006
C202852		42.8	1310	13.7	8.0	<0.001	0.18	0.42	4.0	0.7	0.2	22.1	0.01	0.07	19.7	0.006
C202853		23.5	1120	9.6	9.1	<0.001	0.08	0.35	2.0	0.4	0.2	18.2	<0.01	0.06	5.0	0.006
C202854		29.5	1310	11.5	12.7	<0.001	0.11	0.75	2.2	1.0	0.2	23.6	0.01	0.05	3.0	0.007
C202855		32.9	1520	16.8	15.6	<0.001	0.12	0.99	3.1	1.0	0.3	17.9	0.01	0.08	4.4	0.011
C202856		41.9	1430	22.9	18.4	0.001	0.11	1.10	4.6	1.2	0.6	12.2	0.01	0.13	8.0	0.018
C202857		44.9	660	16.9	15.6	0.001	0.06	1.15	9.2	1.2	0.6	6.6	0.01	0.14	22.6	0.021
C202858		71.8	860	27.0	12.0	0.001	0.10	0.54	18.0	1.1	0.3	17.6	0.02	0.08	12.5	0.014
C202859		15.7	240	6.7	6.4	<0.001	0.01	0.43	2.3	0.2	0.2	2.5	<0.01	0.01	7.4	0.005
C202860		23.7	450	9.3	10.6	<0.001	0.02	0.67	3.3	0.5	0.4	5.6	<0.01	0.02	4.4	0.021
C202861		29.5	240	8.6	7.5	<0.001	0.01	0.76	3.2	0.2	0.2	3.7	<0.01	0.03	11.2	<0.005
C202862		18.5	450	13.2	13.3	<0.001	0.03	1.44	1.8	0.4	0.7	5.6	<0.01	0.05	1.5	0.024
C202863		40.6	990	20.2	24.1	0.001	0.10	1.70	8.0	2.2	0.5	11.1	0.01	0.21	5.0	0.020
C202864		14.9	430	7.1	13.8	<0.001	0.02	1.01	1.8	0.4	0.3	2.2	<0.01	0.04	5.1	0.009
C202865		23.4	480	13.6	13.2	<0.001	0.04	1.14	2.0	0.6	0.7	7.9	<0.01	0.05	1.1	0.037
C202866		33.3	580	15.8	20.6	<0.001	0.04	1.34	3.0	0.5	0.7	7.8	<0.01	0.07	2.4	0.026
C202867		10.7	810	8.5	10.3	<0.001	0.05	0.69	1.3	0.3	0.4	6.0	<0.01	0.05	0.7	0.015
C202868		16.7	440	9.9	8.8	<0.001	0.02	1.26	1.2	0.3	0.4	4.6	<0.01	0.04	1.0	0.018
C202869		18.7	600	11.5	9.5	<0.001	0.03	1.54	1.6	0.5	0.3	4.9	<0.01	0.07	1.9	0.014
C202870		15.3	430	9.2	10.3	<0.001	0.02	1.31	1.5	0.4	0.3	3.3	<0.01	0.05	2.7	0.014
C202871		15.1	430	9.3	9.9	<0.001	0.02	1.42	1.6	0.4	0.3	3.2	<0.01	0.05	3.0	0.013
C202872		12.6	520	13.4	11.8	<0.001	0.05	0.97	1.2	0.4	1.2	9.5	<0.01	0.05	0.3	0.037
C202873		15.9	530	8.5	13.5	<0.001	0.04	1.23	1.6	0.4	0.5	5.7	<0.01	0.05	1.4	0.022
C202874		13.0	560	8.4	10.8	<0.001	0.05	0.82	1.2	0.3	0.6	6.4	<0.01	0.05	0.5	0.043
C202875		10.9	450	6.3	13.8	<0.001	0.03	0.74	0.9	0.3	0.6	5.0	<0.01	0.06	0.5	0.017

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C202836		0.15	6.61	31	0.14	26.50	85	1.5
C202837		0.15	14.40	24	0.11	23.60	83	1.8
C202838		0.11	7.07	28	0.12	14.70	81	1.3
C202839		0.16	4.91	30	0.11	12.60	101	1.7
C202840		0.19	7.21	27	0.11	19.70	107	0.8
C202841		0.17	19.85	29	0.48	36.80	95	0.8
C202842		0.15	7.72	31	0.66	31.60	97	<0.5
C202843		0.22	10.40	29	0.37	53.60	73	1.0
C202844		0.16	6.70	25	0.33	28.50	64	0.5
C202845		0.20	25.40	31	0.30	60.80	86	0.6
C202846		0.12	13.85	18	0.22	37.70	43	0.5
C202847		0.12	6.77	21	0.20	43.60	40	0.7
C202848		0.09	4.38	17	0.20	21.80	40	0.8
C202849		0.15	4.82	7	0.08	39.50	33	1.5
C202850		0.11	4.23	131	9.66	18.40	170	7.2
C202851		0.31	6.58	16	0.12	46.80	88	1.4
C202852		0.52	4.09	14	0.08	31.80	94	3.1
C202853		0.18	3.05	9	0.05	20.00	53	0.7
C202854		0.17	7.29	15	0.06	29.80	62	0.5
C202855		0.21	21.80	22	0.11	42.60	75	0.7
C202856		0.20	12.80	30	0.25	30.80	102	0.6
C202857		0.13	11.95	25	0.84	57.60	87	0.8
C202858		0.18	4.48	49	0.12	46.00	144	1.4
C202859		0.05	0.73	9	<0.05	5.00	27	0.8
C202860		0.10	1.05	23	0.13	7.16	45	0.6
C202861		0.04	1.43	8	<0.05	7.29	35	1.9
C202862		0.18	0.89	41	0.18	3.71	55	<0.5
C202863		0.17	19.95	36	0.16	25.50	101	1.7
C202864		0.11	0.82	17	0.08	3.36	35	0.8
C202865		0.18	1.33	46	0.20	4.98	53	<0.5
C202866		0.14	1.45	39	0.17	6.26	82	<0.5
C202867		0.06	0.52	22	0.09	4.58	53	<0.5
C202868		0.08	0.91	24	0.11	3.95	33	<0.5
C202869		0.07	1.12	15	0.09	4.86	40	<0.5
C202870		0.07	0.95	16	0.09	3.22	35	<0.5
C202871		0.07	0.96	15	0.09	3.19	34	<0.5
C202872		0.19	0.92	64	0.27	3.11	45	<0.5
C202873		0.12	0.94	29	0.17	3.07	41	<0.5
C202874		0.11	0.65	46	0.16	2.62	57	<0.5
C202875		0.15	0.75	32	0.14	2.12	26	<0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 23-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095227

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C202876		0.76	0.008	0.04	0.91	15.4	<10	60	0.37	1.23	0.02	0.04	47.40	11.0	12	0.91
C202877		0.90	0.009	0.06	0.87	13.5	<10	70	0.43	1.15	0.01	0.04	50.90	9.5	10	0.72
C202878		0.66	<0.005	0.03	1.26	10.6	<10	60	0.35	0.62	0.04	0.04	42.20	6.2	17	1.51
C202879		0.54	0.005	0.06	1.28	10.7	<10	70	0.28	0.58	0.07	0.05	29.80	6.0	21	2.05
C202880		0.70	0.008	0.04	1.79	11.4	<10	100	0.59	1.10	0.01	0.05	47.50	14.8	19	1.09

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06095227

Sample Description	Method Analyte Units LOR	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
C202876		61.5	3.45	2.80	0.08	0.04	0.03	0.051	0.06	24.8	7.6	0.25	779	2.38	<0.01	0.36
C202877		58.3	3.19	2.37	0.06	0.04	0.03	0.052	0.07	23.9	8.8	0.26	739	1.73	<0.01	0.26
C202878		20.0	2.83	5.56	0.07	<0.02	0.02	0.033	0.05	21.9	11.2	0.23	333	4.63	<0.01	0.88
C202879		14.4	2.68	7.07	0.07	<0.02	0.03	0.027	0.05	15.7	12.2	0.24	339	2.66	<0.01	1.12
C202880		39.9	3.45	3.94	0.08	0.07	0.05	0.043	0.12	24.2	12.4	0.29	755	1.00	<0.01	0.60

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06095227

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C202876		19.3	380	6.9	9.5	<0.001	0.02	1.17	1.8	0.4	0.3	2.1	<0.01	0.08	5.1	0.011
C202877		19.2	290	6.7	9.5	<0.001	0.01	0.94	2.1	0.4	0.2	1.8	<0.01	0.07	5.7	0.007
C202878		13.0	300	9.6	10.1	<0.001	0.02	0.81	1.7	0.3	0.6	5.6	<0.01	0.05	1.6	0.025
C202879		12.3	370	11.4	11.8	<0.001	0.03	0.80	1.7	0.2	0.8	9.3	<0.01	0.05	0.8	0.038
C202880		20.1	380	7.8	15.2	<0.001	0.02	1.02	2.1	0.6	0.4	2.1	0.01	0.06	8.1	0.011

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095227

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C202876		0.07	1.33	16	0.10	3.91	25	0.8
C202877		0.06	1.10	12	0.08	3.81	24	0.8
C202878		0.14	1.30	38	0.19	2.69	32	<0.5
C202879		0.19	0.68	54	0.23	2.31	39	<0.5
C202880		0.11	0.90	19	0.13	2.37	27	1.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

Fronteer Development Group Inc.
Rimfire Minerals Corporation

2006 GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT ON THE WERNECKES PROJECT

Volume III

Located in the Bonnet Plume River Area, Mayo Mining Division
NTS 106C/11, 12, 13, 14; 106D/09, 10, 15, 16; 106E/01, 02; 106F/03, 04
65˚ 00' N Latitude; 134˚ 05' W Longitude

-prepared for-

FRONTEER DEVELOPMENT GROUP INC.
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V6E 2E9
&
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FRONTEER DEVELOPMENT GROUP INC.

March, 2007

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Finalized Date: 31-OCT-2006
Account: EIA

CERTIFICATE VA06095225

Project: Werneckes

P.O. No.: FRG06-01

This report is for 203 Soil samples submitted to our lab in Vancouver, BC, Canada on 5-SEP-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL	ROBIN BLACK	DAVID C
I DUNLOP	SCOTT HEFFERNAN	RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
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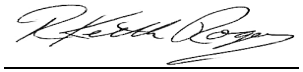
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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CERTIFICATE OF ANALYSIS VA06095225

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C330639		0.56	0.020	0.12	2.19	40.2	<10	270	1.22	1.11	0.44	0.05	65.20	36.2	25	1.29
C330640		0.44	0.015	0.08	1.77	39.0	<10	310	1.12	3.51	0.56	0.19	40.60	34.9	20	1.97
C330641		0.50	0.017	0.07	1.79	41.0	<10	300	1.15	3.74	0.53	0.19	39.90	38.6	20	1.98
C330642		0.58	0.016	0.22	0.96	21.9	<10	170	0.85	1.52	6.77	0.24	32.10	17.7	11	1.05
C330643		0.50	0.017	0.37	0.61	29	<10	40	0.73	2.42	14.30	0.17	16.00	20.4	7	0.74
C330644		0.50	0.023	0.14	2.03	59.0	<10	380	1.54	1.47	0.48	0.13	61.80	61.0	23	1.49
C330645		0.54	0.017	0.04	1.70	20.6	<10	130	0.68	0.80	0.17	0.07	40.90	26.7	25	1.35
C330646		0.54	0.023	0.20	2.65	54.5	<10	290	1.74	1.47	0.25	0.06	74.70	42.3	28	1.51
C330647		0.42	0.023	0.58	2.23	33.5	<10	420	1.66	2.66	0.34	0.22	51.90	39.4	36	2.14
C330648		0.56	0.021	0.38	0.81	39	<10	50	0.72	3.94	11.45	0.08	17.70	35.2	7	1.08
C330649		0.54	0.020	0.17	1.94	64.8	<10	360	1.36	1.19	0.38	0.08	60.60	59.8	22	1.30
C330650		0.44	0.026	0.18	2.42	10.1	<10	950	1.69	0.73	0.44	0.12	49.90	63.0	25	2.68
C330651		0.54	0.039	0.18	1.78	8.2	<10	1350	1.40	0.54	0.40	0.10	66.10	55.4	21	1.66
C330652		0.52	0.041	0.20	2.24	12.7	<10	1080	1.60	0.86	0.48	0.09	63.10	64.4	23	1.52
C330653		0.38	0.044	0.15	2.34	16.9	<10	1010	1.63	0.95	0.62	0.04	44.60	64.5	23	1.37
C330654		0.52	0.042	0.28	1.80	113.0	<10	750	1.53	2.19	0.32	0.08	56.30	131.0	19	1.31
C330655		0.42	0.051	0.35	1.45	97.4	<10	880	0.93	2.16	0.48	0.09	46.10	162.5	18	1.33
C330656		0.46	0.028	0.26	1.02	450.0	<10	280	0.93	4.90	0.11	0.06	42.30	287.0	12	0.96
C330657		0.62	0.044	0.51	0.95	519.0	<10	560	1.10	5.98	0.22	0.09	59.80	337.0	10	0.80
C330658		0.46	0.029	0.09	1.16	17.8	<10	140	0.51	0.78	0.15	0.16	34.90	30.4	19	1.96
C330659		0.50	0.085	0.09	1.46	7.7	<10	430	1.05	0.69	0.33	0.15	43.80	41.9	15	1.61
C330660		0.12	0.053	1.15	4.14	31	20	450	0.79	0.04	13.65	0.02	22.30	52.8	55	2.01
C330661		0.52	0.013	0.08	0.87	11.9	<10	430	0.49	1.03	0.50	0.17	31.20	30.8	15	1.19
C330662		0.52	0.025	0.04	3.16	5.7	<10	140	1.97	0.53	0.23	0.07	32.30	60.0	31	3.65
C330663		0.40	0.007	0.11	0.89	8.7	<10	220	0.42	0.78	0.25	0.11	20.80	15.9	15	1.29
C330664		0.64	<0.005	0.11	1.55	16.8	<10	90	1.24	1.33	0.14	0.19	38.20	29.8	14	2.85
C330665		0.42	<0.005	0.05	1.14	15.0	<10	70	1.09	1.25	0.06	0.10	47.50	25.7	13	2.35
C330666		0.54	<0.005	0.11	1.73	21.0	<10	50	1.87	2.18	0.04	0.10	46.60	45.1	18	3.19
C330667		0.44	<0.005	0.10	1.58	44.6	<10	40	2.01	6.12	0.09	0.08	40.20	45.4	14	2.41
C330668		0.58	<0.005	0.07	1.18	27.3	<10	50	1.51	1.89	0.09	0.08	33.20	41.1	15	1.56
C330669		0.46	<0.005	0.06	1.04	20.5	<10	60	1.26	2.41	0.04	0.09	48.60	29.0	10	2.56
C330670		0.46	<0.005	0.04	1.04	10.0	<10	60	0.96	1.01	0.03	0.06	48.90	18.2	16	3.39
C330671		0.48	<0.005	0.04	1.20	5.4	<10	50	0.57	0.43	0.07	0.08	47.90	16.3	16	2.69
C330672		0.58	<0.005	0.06	1.09	7.5	<10	290	1.47	0.71	0.36	0.11	42.90	24.8	15	1.44
C330673		0.70	<0.005	0.07	1.09	9.8	<10	40	0.89	1.37	0.04	0.06	38.50	24.5	10	2.27
C330674		0.60	0.009	0.06	0.80	5.3	<10	620	0.94	0.24	0.51	0.21	29.40	24.8	13	0.87
C330675		0.02	<0.005	0.02	0.54	14.3	<10	40	0.48	0.93	0.03	0.03	32.70	13.2	8	0.69
C330676		0.62	<0.005	0.09	1.60	24.1	<10	60	1.62	1.28	0.05	0.11	40.50	52.2	14	4.71
C330677		0.60	<0.005	0.07	1.38	27.3	<10	50	0.77	0.76	0.03	0.08	34.50	28.3	12	2.58
C330678		0.66	<0.005	0.08	1.38	22.9	<10	50	1.09	1.74	0.03	0.07	36.20	37.3	11	2.84

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095225

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C330639		87.6	5.04	7.28	0.09	0.09	0.03	0.061	0.07	32.6	29.4	1.60	1460	5.33	<0.01	0.30
C330640		34.3	6.89	6.47	0.10	0.09	0.04	0.092	0.08	20.6	19.2	0.78	4660	7.58	<0.01	0.30
C330641		35.1	7.25	6.73	0.10	0.08	0.04	0.096	0.09	19.3	17.9	0.78	4770	8.05	<0.01	0.31
C330642		48.9	5.68	2.91	0.13	0.06	0.08	0.074	0.06	16.3	12.6	4.37	6280	3.44	0.01	0.30
C330643		50.6	5.52	1.60	0.17	0.05	0.10	0.045	0.09	8.6	11.1	8.12	4100	4.65	0.02	0.15
C330644		132.5	5.49	7.10	0.10	0.13	0.05	0.096	0.09	31.7	28.8	1.62	2990	8.87	<0.01	0.30
C330645		43.3	4.48	6.40	0.09	0.03	0.04	0.045	0.07	18.8	25.8	0.80	798	3.66	<0.01	0.64
C330646		116.0	5.57	8.57	0.15	0.15	0.04	0.085	0.08	39.4	34.6	1.51	1240	10.30	<0.01	0.24
C330647		215.0	3.46	7.84	0.19	0.11	0.11	0.131	0.08	27.9	40.1	2.11	512	26.30	<0.01	0.23
C330648		114.0	6.15	2.41	0.37	0.08	0.11	0.075	0.10	9.5	16.0	7.38	5520	7.50	0.02	0.15
C330649		107.5	4.80	6.47	0.13	0.13	0.03	0.075	0.08	30.6	25.3	1.35	1995	7.52	<0.01	0.38
C330650		124.5	4.82	10.10	0.12	0.09	0.06	0.101	0.13	26.7	34.2	2.48	3600	5.50	<0.01	0.41
C330651		148.5	4.67	8.05	0.15	0.11	0.06	0.106	0.09	37.4	26.7	1.75	4130	4.19	<0.01	0.27
C330652		367.0	4.95	7.98	0.14	0.11	0.07	0.092	0.15	34.5	32.1	2.14	3520	11.10	<0.01	0.24
C330653		318.0	4.82	7.99	0.11	0.12	0.05	0.099	0.15	24.3	30.8	2.04	3020	14.95	<0.01	0.29
C330654		128.0	6.49	7.24	0.15	0.15	0.08	0.135	0.10	30.5	24.8	1.36	5070	14.70	<0.01	0.41
C330655		111.0	7.16	7.25	0.17	0.12	0.13	0.098	0.16	25.9	24.3	1.57	7240	21.70	0.02	0.38
C330656		155.5	10.45	4.95	0.16	0.08	0.09	0.142	0.07	21.8	8.4	0.44	7360	36.60	0.01	0.53
C330657		261.0	12.60	4.10	0.20	0.11	0.14	0.166	0.09	36.9	8.1	0.52	10100	33.70	0.02	0.87
C330658		32.6	3.56	6.15	0.09	0.02	0.11	0.051	0.12	16.9	16.6	0.95	1660	3.84	0.01	0.19
C330659		15.7	5.20	4.96	0.12	0.10	0.07	0.077	0.10	18.2	22.7	1.13	4550	6.74	0.01	0.17
C330660		2660.0	13.20	14.95	0.32	0.55	0.02	0.485	0.40	14.4	23.9	2.32	2840	6.12	0.13	0.16
C330661		40.1	3.69	5.71	0.07	0.04	0.06	0.061	0.07	15.3	10.7	0.58	2600	5.89	0.02	0.17
C330662		7.8	5.09	14.95	0.17	0.03	0.03	0.083	0.18	16.1	58.5	3.95	1330	2.86	0.01	0.58
C330663		22.9	2.71	4.82	0.05	0.02	0.09	0.043	0.06	10.5	9.1	0.59	967	2.77	0.01	0.32
C330664		76.9	3.59	3.41	0.08	0.09	0.04	0.056	0.11	17.4	11.8	0.31	1705	1.60	<0.01	0.53
C330665		89.6	3.36	2.99	0.08	0.05	0.03	0.045	0.07	22.0	10.1	0.26	1410	1.43	<0.01	0.46
C330666		119.5	4.95	4.35	0.09	0.09	0.03	0.066	0.07	22.7	19.7	0.42	1230	2.28	<0.01	0.23
C330667		78.1	6.60	4.41	0.11	0.06	0.04	0.103	0.08	18.7	19.8	0.42	3000	4.01	<0.01	0.11
C330668		52.6	4.21	2.96	0.08	0.05	0.05	0.042	0.07	15.5	13.4	0.31	1380	3.96	0.01	0.12
C330669		73.0	3.49	2.83	0.08	0.03	0.02	0.037	0.07	23.7	11.2	0.21	711	2.72	<0.01	0.23
C330670		26.7	4.07	4.20	0.09	0.04	0.03	0.030	0.06	23.7	10.7	0.26	1175	2.00	<0.01	0.22
C330671		12.8	4.31	5.92	0.08	0.04	0.05	0.027	0.07	22.5	10.7	0.36	666	2.37	<0.01	0.24
C330672		14.9	5.94	3.42	0.12	0.11	0.06	0.091	0.08	21.4	7.3	0.24	5430	3.16	<0.01	0.14
C330673		35.7	3.03	3.36	0.08	0.16	0.01	0.029	0.08	17.5	12.7	0.34	609	1.19	<0.01	0.07
C330674		14.0	5.09	2.21	0.09	0.10	0.09	0.051	0.09	15.8	3.3	0.15	5310	2.81	<0.01	0.16
C330675		34.6	2.38	1.57	0.06	0.06	0.01	0.019	0.20	14.2	2.8	0.07	650	1.61	0.01	0.13
C330676		333.0	5.36	4.20	0.11	0.10	0.03	0.083	0.07	18.0	12.7	0.38	1265	3.63	<0.01	0.41
C330677		60.7	3.83	3.41	0.07	0.06	0.04	0.056	0.06	15.4	8.0	0.13	2500	2.05	<0.01	0.33
C330678		73.3	3.33	3.38	0.07	0.06	0.02	0.042	0.08	16.8	13.8	0.24	1310	2.10	<0.01	0.28

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 31-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095225

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C330639		39.5	740	10.8	17.4	<0.001	0.04	0.94	4.3	1.1	0.5	5.0	<0.01	0.16	8.4	0.017
C330640		25.6	2130	40.8	21.7	<0.001	0.13	1.52	3.4	1.3	0.5	7.7	0.01	0.15	2.0	0.021
C330641		22.8	2190	42.6	22.3	<0.001	0.13	1.54	3.2	1.4	0.5	7.7	0.01	0.15	2.0	0.022
C330642		28.5	860	19.0	11.1	<0.001	0.04	1.30	4.3	1.4	0.2	16.0	0.01	0.08	2.4	0.022
C330643		35.3	740	33.2	7.2	<0.001	0.07	2.20	2.6	1.6	<0.2	20.8	<0.01	0.09	2.4	0.008
C330644		48.8	730	14.6	17.1	<0.001	0.05	1.19	5.6	1.6	0.5	5.7	<0.01	0.26	11.8	0.016
C330645		34.6	410	12.6	14.4	0.001	0.04	1.20	2.8	0.4	0.5	7.6	<0.01	0.13	5.3	0.041
C330646		47.8	530	17.2	17.9	<0.001	0.02	1.21	5.2	1.0	0.5	4.2	<0.01	0.17	15.2	0.008
C330647		63.6	1000	48.1	13.7	0.001	0.23	3.06	7.1	7.9	0.4	5.3	0.01	0.11	10.8	0.015
C330648		46.3	810	35.5	9.2	0.001	0.07	2.56	3.2	2.4	<0.2	18.4	<0.01	0.09	2.8	0.008
C330649		41.7	580	8.7	14.9	0.001	0.06	0.93	4.2	0.8	0.4	5.0	<0.01	0.24	13.5	0.011
C330650		54.3	770	7.9	29.3	0.001	0.05	0.55	9.7	0.9	0.8	9.2	<0.01	0.30	9.5	0.051
C330651		51.9	800	7.8	19.9	0.001	0.04	0.54	11.4	1.1	0.6	9.1	<0.01	0.25	13.7	0.032
C330652		74.4	860	8.6	27.0	0.001	0.05	0.86	10.0	1.4	0.5	10.2	<0.01	0.40	14.4	0.027
C330653		70.5	800	8.0	28.1	0.001	0.08	0.75	9.0	1.6	0.5	8.4	<0.01	0.40	11.9	0.018
C330654		67.0	770	11.8	20.0	0.001	0.06	1.09	7.2	1.5	0.6	6.0	<0.01	0.49	13.7	0.016
C330655		87.1	880	8.9	23.6	0.001	0.11	0.85	8.8	1.9	0.5	10.5	<0.01	0.63	15.0	0.021
C330656		68.4	1510	17.0	17.0	0.001	0.10	3.66	3.4	3.0	0.4	3.6	<0.01	0.73	7.0	0.009
C330657		115.0	1250	19.2	12.2	0.001	0.16	3.25	5.6	2.8	0.4	6.7	<0.01	0.95	10.9	0.010
C330658		34.1	970	8.2	23.4	<0.001	0.09	0.77	2.6	0.7	0.5	5.3	<0.01	0.16	2.1	0.032
C330659		42.4	1200	18.7	20.0	<0.001	0.06	1.14	7.7	1.7	0.4	4.8	<0.01	0.15	9.1	0.025
C330660		35.5	1580	3.3	18.8	0.001	0.18	6.13	11.0	<0.2	0.9	275.0	<0.01	0.01	2.5	0.211
C330661		23.1	1200	13.1	17.7	<0.001	0.09	0.94	2.9	0.9	0.5	8.1	<0.01	0.21	2.2	0.021
C330662		49.3	730	5.3	36.8	<0.001	0.04	0.59	4.1	<0.2	1.0	4.4	<0.01	0.12	4.8	0.059
C330663		20.3	970	9.2	15.5	<0.001	0.13	0.73	2.4	0.7	0.4	7.3	<0.01	0.13	1.7	0.020
C330664		26.5	900	15.8	13.6	<0.001	0.03	1.13	3.4	0.6	0.3	12.7	<0.01	0.10	13.7	0.016
C330665		24.3	550	10.7	11.3	<0.001	0.03	1.11	2.7	0.5	0.3	8.3	<0.01	0.08	10.3	0.016
C330666		40.1	740	8.0	9.5	<0.001	0.04	1.43	3.0	0.7	0.2	5.7	<0.01	0.18	17.3	0.008
C330667		45.4	820	7.9	8.4	<0.001	0.03	2.01	4.5	0.7	0.2	6.1	<0.01	0.13	20.8	<0.005
C330668		38.6	780	6.4	6.7	<0.001	0.05	1.35	4.0	0.7	0.2	7.1	<0.01	0.15	14.1	<0.005
C330669		26.0	590	7.5	8.8	<0.001	0.03	1.15	1.9	0.5	0.2	5.9	<0.01	0.09	11.1	0.010
C330670		28.2	790	7.1	15.4	<0.001	0.02	1.04	2.4	0.5	0.4	3.2	<0.01	0.09	13.4	0.014
C330671		22.6	920	6.1	11.6	<0.001	0.04	0.67	1.9	0.6	0.3	3.9	<0.01	0.14	12.5	0.008
C330672		39.9	920	7.0	9.6	<0.001	0.04	0.49	13.0	0.7	0.3	9.0	<0.01	0.10	21.4	0.006
C330673		13.6	220	5.8	7.6	<0.001	0.01	0.70	1.8	0.2	<0.2	2.5	<0.01	0.07	26.0	<0.005
C330674		41.5	1230	7.2	8.5	<0.001	0.07	0.37	10.7	0.8	0.3	8.7	<0.01	0.13	13.1	0.013
C330675		15.9	300	9.3	10.5	<0.001	0.01	0.36	2.0	0.3	0.3	3.0	<0.01	0.08	10.0	<0.005
C330676		40.2	1030	12.2	11.4	<0.001	0.03	1.22	4.1	0.8	0.3	8.3	<0.01	0.17	27.3	0.013
C330677		20.1	1150	9.0	13.8	<0.001	0.03	0.86	2.4	0.7	0.4	7.8	<0.01	0.09	11.4	0.011
C330678		16.2	550	7.3	11.7	<0.001	0.03	1.45	1.7	0.4	0.3	3.8	<0.01	0.10	15.0	0.009

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 31-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095225

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C330639		0.32	25.90	33	0.29	8.53	35	2.0
C330640		1.17	29.00	40	0.19	16.65	48	1.4
C330641		1.24	28.50	42	0.23	13.90	50	1.4
C330642		0.98	4.03	30	0.16	23.60	74	1.0
C330643		1.68	4.99	17	0.05	13.75	183	1.6
C330644		0.50	11.50	29	0.34	13.95	49	3.2
C330645		0.11	2.01	41	0.28	4.16	42	0.7
C330646		0.45	11.10	32	0.17	12.80	47	4.1
C330647		3.42	58.00	44	0.30	22.70	59	3.1
C330648		3.14	6.18	17	0.07	19.30	58	2.4
C330649		0.11	10.30	22	0.26	9.15	42	3.9
C330650		0.11	12.50	52	0.42	19.70	43	1.8
C330651		0.08	9.09	36	0.45	23.50	35	2.3
C330652		0.08	11.00	37	0.46	24.80	36	2.7
C330653		0.08	31.10	37	0.33	21.70	32	2.8
C330654		0.08	23.70	25	0.56	22.60	38	4.1
C330655		0.07	25.50	26	0.94	23.50	32	3.2
C330656		0.09	17.20	27	1.44	7.91	29	2.3
C330657		0.08	23.30	27	4.04	20.50	37	3.0
C330658		0.12	2.94	28	0.29	6.70	29	<0.5
C330659		0.31	7.20	23	0.37	26.90	28	1.6
C330660		0.09	3.85	119	9.72	19.15	164	33.0
C330661		0.12	3.01	26	0.41	7.49	28	0.9
C330662		0.09	3.99	41	0.36	4.76	37	1.4
C330663		0.10	3.13	25	0.18	4.07	26	0.5
C330664		0.13	3.07	23	0.14	9.16	55	2.0
C330665		0.10	2.27	22	0.11	7.06	35	1.2
C330666		0.13	2.33	19	0.06	8.64	30	2.1
C330667		0.16	2.11	15	<0.05	10.30	22	1.9
C330668		0.09	2.67	13	0.10	9.32	18	1.1
C330669		0.07	4.34	16	0.08	6.25	29	0.7
C330670		0.09	1.58	23	0.11	4.37	23	1.0
C330671		0.07	1.17	23	0.07	3.12	23	1.2
C330672		0.08	2.60	23	0.08	29.30	27	2.0
C330673		0.07	3.12	8	<0.05	5.98	19	7.5
C330674		0.07	2.19	29	0.11	24.90	33	1.9
C330675		0.06	3.10	9	0.21	3.90	12	3.0
C330676		0.13	3.39	24	0.10	12.25	50	3.0
C330677		0.13	2.22	23	0.10	5.10	38	1.7
C330678		0.11	2.92	17	0.13	6.52	28	1.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06095225

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C330679		0.48	0.031	0.11	0.93	34.7	<10	50	0.93	1.20	0.10	0.18	22.50	30.0	10	3.04
C330680		0.56	<0.005	0.06	0.55	30.2	<10	30	1.45	1.38	0.04	0.03	54.60	37.5	5	2.67
C330681		0.66	<0.005	0.07	0.57	30.4	<10	40	1.50	1.38	0.04	0.03	55.00	39.1	6	2.51
C330682		0.52	0.022	0.08	0.53	16	<10	2040	0.59	1.42	13.65	0.28	11.00	45.5	3	0.73
C330683		0.68	<0.005	0.07	0.99	46.8	<10	80	1.58	1.43	0.10	0.11	36.60	49.7	11	2.55
C330684		0.40	<0.005	0.02	2.26	4.0	<10	180	0.89	0.30	0.13	0.11	58.40	18.0	85	3.53
C330685		0.38	<0.005	0.01	0.73	7.3	<10	40	0.14	0.41	0.14	0.05	26.40	2.8	12	0.93
C330686		0.72	<0.005	0.06	1.24	13.3	<10	110	0.48	0.98	0.18	0.10	44.90	11.7	19	1.37
C330687		0.44	<0.005	0.06	1.67	14.0	<10	60	0.43	0.49	0.05	0.08	27.30	9.3	25	2.25
C330688		0.50	<0.005	0.05	1.09	9.1	<10	110	0.44	0.46	0.50	0.10	39.30	12.7	20	1.15
C330689		0.56	<0.005	0.05	1.57	12.5	<10	140	0.63	0.60	0.25	0.07	45.30	18.8	27	1.89
C330690		0.48	<0.005	0.03	1.27	13.4	<10	70	0.36	0.67	0.05	0.07	23.40	8.2	25	1.62
C330256		0.28	0.007	0.12	0.99	10.5	<10	210	0.71	0.89	1.73	0.25	21.50	12.6	12	0.77
C330257		0.42	<0.005	0.02	0.64	2.7	<10	150	0.12	0.27	0.05	0.09	42.50	3.7	7	0.60
C330258		0.40	<0.005	0.16	1.90	11.2	<10	80	1.00	0.62	0.36	0.28	95.30	17.9	24	2.55
C330259		0.40	<0.005	0.03	1.15	7.5	<10	60	0.43	0.50	0.65	0.08	38.80	10.0	17	2.41
C330260		0.50	<0.005	0.08	1.33	9.6	<10	90	0.50	0.87	0.30	0.10	86.60	16.8	18	4.60
C330261		0.58	<0.005	0.08	1.30	9.1	<10	80	0.47	0.73	0.29	0.09	85.30	16.1	18	4.60
C330262		0.42	<0.005	0.10	0.90	24.2	<10	110	0.42	0.95	0.51	0.10	70.90	22.5	11	1.18
C330263		0.44	0.007	0.08	1.88	16.5	<10	140	1.18	0.95	0.20	0.15	92.60	45.3	29	1.52
C330264		0.30	0.012	0.11	1.87	8.5	<10	200	1.01	0.54	0.83	0.20	87.70	36.9	28	1.84
C330265		0.32	0.134	0.02	1.69	10.5	<10	250	1.60	0.19	0.66	0.19	145.50	10.8	22	1.64
C330266		0.30	0.052	0.05	1.25	15.4	<10	120	0.39	0.98	0.18	0.12	42.50	18.1	22	2.46
C330267		0.42	0.027	0.04	1.92	7.1	<10	100	0.89	0.57	0.24	0.11	85.90	20.4	30	1.45
C330268		0.44	0.108	0.10	2.66	4.0	<10	180	1.31	0.43	0.42	0.08	58.00	39.6	37	2.42
C330269		0.36	0.020	0.07	2.51	5.4	<10	180	1.27	0.46	0.36	0.07	67.80	40.0	37	2.27
C330270		0.48	0.006	0.07	2.39	4.2	<10	170	1.24	0.37	0.36	0.06	63.50	35.5	38	2.08
C330271		0.40	0.016	0.08	2.55	5.9	<10	140	1.40	0.51	0.31	0.07	74.50	39.1	38	2.69
C330272		0.42	0.013	0.09	3.21	5.0	<10	340	1.79	0.35	0.51	0.07	73.90	47.9	35	4.56
C330273		0.50	0.017	0.06	1.70	43.5	<10	80	0.87	0.92	0.12	0.13	47.90	29.4	25	1.42
C330274		0.42	<0.005	0.03	0.80	14.3	<10	50	0.20	0.63	0.04	0.05	45.50	6.8	16	1.74
C330275		0.38	0.017	0.13	2.48	19.9	<10	220	1.45	0.60	0.57	0.15	50.10	41.5	29	2.89
C330276		0.54	0.007	0.08	1.54	25.1	<10	50	0.77	0.57	0.04	0.06	49.00	22.4	23	1.06
C330277		0.46	0.034	0.10	2.09	26.1	<10	170	1.49	0.55	0.37	0.05	65.70	59.3	27	2.06
C330278		0.40	0.031	0.16	2.08	23.1	<10	200	1.43	0.47	0.56	0.06	57.20	53.0	27	2.02
C330279		0.36	0.022	0.22	2.42	26.1	<10	260	1.62	0.52	1.07	0.09	32.10	58.6	25	2.49
C330280		0.38	NSS	0.19	2.59	30.9	<10	230	1.63	0.61	0.78	0.06	44.80	65.8	28	2.83
C330281		0.56	<0.005	0.08	2.93	29.8	<10	60	1.32	0.71	0.06	0.12	43.40	24.7	30	1.08
C330282		0.50	0.011	0.09	1.99	34.5	<10	240	1.51	0.94	0.10	0.12	43.50	32.5	24	1.70
C330283		0.52	0.015	0.05	2.49	41.2	<10	200	1.38	1.05	0.09	0.14	62.00	43.5	35	2.29

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 31-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095225

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C330679		52.3	4.07	3.07	0.06	0.06	0.08	0.026	0.09	11.2	3.7	0.10	431	2.97	<0.01	0.20
C330680		117.5	2.72	1.62	0.08	0.03	0.02	0.034	0.05	25.8	5.4	0.11	1045	2.14	<0.01	0.10
C330681		124.0	2.74	1.68	0.07	0.02	0.02	0.032	0.06	28.1	6.5	0.11	1035	2.17	<0.01	0.09
C330682		16.2	8.37	1.63	0.11	0.08	0.04	0.365	0.04	4.2	6.4	5.42	9740	8.27	0.02	0.21
C330683		164.0	3.98	3.06	0.09	0.03	0.01	0.087	0.06	17.5	13.9	0.28	1680	2.80	<0.01	0.27
C330684		18.1	3.43	8.97	0.11	0.02	0.05	0.023	0.04	23.9	23.5	2.53	690	2.18	<0.01	0.45
C330685		4.8	2.11	5.93	0.05	<0.02	0.01	0.012	0.04	14.2	6.4	0.16	135	1.08	<0.01	1.15
C330686		48.9	2.67	4.12	0.08	0.07	0.02	0.025	0.09	26.0	17.4	0.55	334	1.14	<0.01	0.74
C330687		22.5	4.23	6.18	0.07	0.07	0.02	0.032	0.06	13.9	28.1	0.39	352	1.22	<0.01	1.76
C330688		55.7	2.52	3.81	0.07	0.04	0.02	0.018	0.08	22.0	17.1	0.57	579	0.77	<0.01	0.74
C330689		125.5	3.26	5.55	0.08	0.05	0.02	0.027	0.11	24.1	23.7	0.66	972	0.95	<0.01	0.95
C330690		57.3	4.90	7.58	0.07	0.03	0.01	0.026	0.08	12.6	17.1	0.38	269	1.26	<0.01	1.51
C330256		64.9	2.29	3.04	0.05	0.07	0.06	0.028	0.10	12.1	15.3	0.59	1425	0.70	<0.01	0.19
C330257		6.4	1.36	3.73	0.06	0.02	0.01	0.008	0.05	22.5	2.7	0.06	100	0.88	<0.01	0.38
C330258		47.9	3.65	6.83	0.10	0.04	0.01	0.033	0.10	41.0	31.4	0.80	1065	0.62	<0.01	1.00
C330259		24.7	2.62	4.13	0.08	0.02	0.01	0.019	0.09	19.7	20.7	0.60	490	0.57	<0.01	0.94
C330260		59.3	3.18	4.83	0.13	0.04	0.01	0.021	0.20	50.8	28.9	0.82	1285	1.17	<0.01	1.07
C330261		58.3	3.04	4.74	0.14	0.04	0.01	0.020	0.20	50.0	29.5	0.80	1070	1.13	<0.01	1.09
C330262		66.0	2.89	3.26	0.11	0.04	0.01	0.029	0.05	38.7	18.6	0.47	1755	1.93	<0.01	0.53
C330263		167.5	5.61	7.88	0.13	0.05	0.03	0.201	0.07	34.0	26.2	1.07	3540	6.02	<0.01	0.46
C330264		380.0	6.06	8.52	0.18	0.10	0.05	0.241	0.07	62.3	23.2	1.41	6390	15.60	<0.01	0.32
C330265		12.0	2.41	8.29	0.14	0.07	0.02	0.044	0.07	68.1	31.7	0.87	3360	0.90	<0.01	0.18
C330266		39.5	4.40	8.75	0.09	<0.02	0.03	0.079	0.07	20.0	11.5	0.48	3070	5.70	<0.01	0.17
C330267		124.5	5.94	8.25	0.15	0.06	0.03	0.181	0.06	50.6	24.7	1.06	2350	6.32	<0.01	0.20
C330268		174.5	5.74	12.40	0.21	0.04	0.03	0.072	0.15	31.1	41.8	3.14	2060	2.66	<0.01	0.32
C330269		198.5	5.99	12.50	0.19	0.05	0.02	0.092	0.09	38.0	41.9	2.93	2390	3.39	<0.01	0.32
C330270		143.0	5.71	11.65	0.19	0.04	0.02	0.071	0.14	33.0	39.4	2.79	2050	2.16	<0.01	0.26
C330271		196.5	6.07	12.80	0.21	0.05	0.04	0.096	0.10	42.5	44.0	2.86	2500	3.26	<0.01	0.29
C330272		176.0	5.22	15.35	0.24	0.04	0.02	0.070	0.32	43.5	55.5	3.94	1130	2.00	<0.01	0.71
C330273		104.5	4.10	7.33	0.11	0.02	0.04	0.044	0.08	26.3	28.8	1.24	896	2.95	<0.01	0.48
C330274		14.5	3.09	9.89	0.07	<0.02	0.02	0.020	0.07	25.9	5.6	0.18	209	3.91	<0.01	0.89
C330275		80.3	4.32	10.80	0.11	0.08	0.04	0.068	0.11	31.4	43.0	2.41	1005	2.63	<0.01	0.59
C330276		36.6	4.12	6.89	0.09	<0.02	0.05	0.032	0.06	27.7	20.5	0.95	558	3.01	<0.01	0.30
C330277		92.5	4.56	10.15	0.14	0.05	0.02	0.062	0.12	39.7	40.7	2.58	1040	2.70	<0.01	0.67
C330278		80.8	4.33	10.05	0.15	0.04	0.02	0.063	0.14	34.2	41.1	2.64	883	2.42	<0.01	0.70
C330279		138.0	3.80	10.70	0.12	0.06	0.04	0.080	0.12	20.3	40.6	2.95	1300	1.93	<0.01	0.99
C330280		136.0	4.45	11.80	0.12	0.06	0.03	0.094	0.11	27.1	44.2	3.15	1340	2.23	<0.01	0.93
C330281		96.4	4.09	9.69	0.08	0.06	0.04	0.035	0.06	23.7	37.9	1.36	560	3.16	<0.01	0.31
C330282		72.7	4.06	5.87	0.09	0.08	0.05	0.085	0.07	19.4	21.2	0.54	1660	1.88	0.01	0.60
C330283		88.3	4.75	7.92	0.12	0.10	0.06	0.071	0.11	29.6	37.5	1.00	1495	3.02	0.01	0.71

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 31-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095225

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C330679		30.1	1320	7.7	13.1	<0.001	0.11	0.82	1.4	0.9	0.3	6.5	<0.01	0.17	4.3	0.006
C330680		28.2	400	3.9	7.0	<0.001	0.01	0.85	2.0	0.5	0.2	9.6	<0.01	0.12	13.2	<0.005
C330681		29.3	420	4.0	6.7	<0.001	0.01	0.78	2.1	0.6	0.2	10.1	<0.01	0.08	13.5	<0.005
C330682		27.0	630	7.9	3.8	<0.001	0.11	0.73	1.8	0.9	<0.2	89.6	0.01	0.06	1.9	<0.005
C330683		41.2	630	7.7	7.8	<0.001	0.01	1.51	3.4	0.7	0.3	10.8	<0.01	0.09	16.0	0.015
C330684		47.7	700	5.7	12.3	<0.001	0.02	0.31	8.3	0.4	0.7	6.3	<0.01	0.13	5.9	0.046
C330685		5.1	150	8.4	8.0	<0.001	<0.01	0.37	1.3	0.2	0.6	7.1	<0.01	0.01	2.9	0.043
C330686		26.1	360	7.7	14.3	<0.001	<0.01	0.55	4.0	0.6	0.3	9.0	<0.01	0.04	10.4	0.031
C330687		18.6	300	15.2	14.9	<0.001	0.01	0.63	2.3	0.5	0.5	5.8	0.01	0.04	7.6	0.046
C330688		21.2	380	7.5	12.1	<0.001	0.03	0.42	2.7	0.5	0.3	11.0	<0.01	0.02	7.6	0.026
C330689		29.6	360	9.3	18.4	<0.001	0.01	0.40	3.7	0.4	0.4	9.7	<0.01	0.05	10.7	0.033
C330690		15.5	290	11.3	16.4	<0.001	0.01	0.52	1.9	0.2	0.5	4.9	<0.01	0.08	5.5	0.040
C330256		19.7	840	11.7	9.6	<0.001	0.15	0.61	2.5	1.1	0.2	14.7	<0.01	0.02	2.5	0.006
C330257		3.8	100	6.4	9.3	<0.001	<0.01	0.32	0.9	<0.2	0.4	3.3	<0.01	<0.01	5.3	0.009
C330258		24.8	240	117.0	22.0	<0.001	0.02	0.50	4.1	0.6	0.5	6.3	<0.01	0.02	9.8	0.033
C330259		16.7	430	12.8	22.4	<0.001	0.03	0.33	2.3	0.4	0.3	11.0	<0.01	0.01	6.2	0.036
C330260		26.6	530	16.7	42.4	<0.001	0.01	0.39	2.6	0.6	0.3	9.3	<0.01	0.02	14.0	0.060
C330261		25.4	560	16.4	43.9	<0.001	0.01	0.37	2.5	0.6	0.3	9.0	<0.01	0.02	13.8	0.059
C330262		23.3	590	17.1	10.6	<0.001	0.02	0.76	1.7	0.6	0.2	14.3	<0.01	0.04	8.5	0.017
C330263		36.1	920	9.6	15.4	<0.001	0.04	0.82	9.4	1.1	0.6	8.7	0.01	0.18	6.9	0.041
C330264		40.6	1200	10.1	18.1	<0.001	0.08	0.64	16.6	2.4	0.5	11.5	0.01	0.15	6.4	0.028
C330265		29.8	420	15.9	24.7	<0.001	0.02	0.53	14.2	1.1	0.8	15.0	0.01	0.01	8.9	0.014
C330266		17.2	1310	19.4	21.5	<0.001	0.10	0.99	2.1	0.8	0.8	8.3	<0.01	0.11	0.5	0.021
C330267		31.0	1300	7.6	12.8	<0.001	0.07	0.45	11.3	1.1	0.5	4.9	0.01	0.13	5.4	0.021
C330268		51.4	710	5.3	26.4	<0.001	0.05	0.58	12.9	0.9	0.6	5.2	<0.01	0.15	8.1	0.073
C330269		53.8	600	6.1	14.4	<0.001	0.04	0.71	14.0	1.0	0.7	5.1	<0.01	0.14	11.1	0.066
C330270		50.2	760	5.2	17.5	<0.001	0.04	0.62	12.6	0.8	0.6	4.9	<0.01	0.10	11.4	0.064
C330271		55.5	810	7.2	16.4	<0.001	0.05	0.83	15.8	1.1	0.7	5.7	<0.01	0.16	12.5	0.066
C330272		55.2	670	5.1	45.6	<0.001	0.02	0.37	13.7	0.9	1.0	9.2	<0.01	0.10	8.0	0.120
C330273		31.1	680	7.0	14.4	<0.001	0.02	0.78	2.6	0.6	0.6	8.1	<0.01	0.11	2.8	0.050
C330274		9.5	300	9.4	26.7	<0.001	0.01	0.80	1.6	0.4	1.0	6.2	<0.01	0.09	2.1	0.049
C330275		39.7	1020	7.9	34.9	<0.001	0.06	0.54	6.1	1.4	0.8	8.6	0.01	0.08	5.4	0.042
C330276		22.1	840	4.0	13.6	<0.001	0.05	0.63	1.3	0.6	0.5	2.4	<0.01	0.08	2.0	0.019
C330277		43.2	600	5.0	25.0	<0.001	0.02	0.64	6.3	0.8	0.9	5.5	<0.01	0.11	9.9	0.061
C330278		41.6	610	4.8	25.5	<0.001	0.04	0.62	6.2	1.5	0.9	6.9	<0.01	0.09	8.7	0.061
C330279		43.2	950	7.5	30.4	<0.001	0.10	0.62	6.3	1.5	0.9	9.7	0.01	0.11	4.9	0.059
C330280		47.2	870	7.5	33.8	<0.001	0.08	0.62	7.3	1.3	1.0	8.8	0.01	0.12	6.3	0.067
C330281		37.6	500	8.7	10.8	<0.001	0.03	3.05	3.2	0.7	0.4	3.6	<0.01	0.09	8.0	0.011
C330282		28.4	790	13.4	17.0	<0.001	0.05	0.69	2.9	0.4	0.4	10.3	0.01	0.08	6.4	0.019
C330283		48.7	760	12.9	20.2	<0.001	0.04	0.86	4.2	0.4	0.6	9.2	<0.01	0.12	10.5	0.026

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C330679		0.09	2.03	20	0.06	4.42	29	1.5
C330680		0.06	3.18	8	<0.05	8.18	11	1.1
C330681		0.06	3.29	8	<0.05	8.32	11	0.5
C330682		0.28	3.30	22	0.21	23.00	73	2.0
C330683		0.08	3.54	19	0.10	9.45	30	0.7
C330684		0.06	1.13	72	0.46	5.31	26	0.5
C330685		0.07	0.40	43	0.18	1.68	17	<0.5
C330686		0.10	1.28	24	0.32	13.10	58	1.8
C330687		0.12	0.68	39	0.21	2.96	45	2.1
C330688		0.08	1.17	23	0.18	8.12	53	1.1
C330689		0.12	1.35	29	0.19	7.65	49	1.3
C330690		0.09	0.54	44	0.22	2.63	36	1.3
C330256		0.09	1.70	15	0.09	9.15	74	1.5
C330257		0.09	0.36	27	0.10	1.64	20	0.7
C330258		0.26	1.98	40	0.11	14.65	182	0.5
C330259		0.17	1.04	20	0.08	5.88	50	0.5
C330260		0.48	1.57	18	0.08	15.70	98	0.7
C330261		0.48	1.48	18	0.07	15.40	97	0.8
C330262		0.14	2.80	11	0.09	9.15	74	0.8
C330263		0.40	2.99	52	0.28	14.65	43	0.8
C330264		0.28	7.87	54	0.25	37.60	48	1.3
C330265		0.16	1.29	40	0.19	37.20	74	0.6
C330266		0.38	1.91	55	0.27	6.15	46	<0.5
C330267		0.20	4.01	54	0.31	24.40	51	0.6
C330268		0.52	3.85	112	0.30	12.20	35	0.7
C330269		0.91	4.55	97	0.32	15.55	40	1.0
C330270		0.49	3.79	95	0.35	12.00	39	1.0
C330271		0.96	4.55	95	0.35	19.00	42	0.9
C330272		0.12	7.37	110	0.29	12.55	43	0.8
C330273		0.06	2.05	39	0.31	4.88	38	<0.5
C330274		0.12	0.95	65	0.31	2.28	27	<0.5
C330275		0.14	13.35	44	0.50	16.05	70	1.6
C330276		0.06	2.59	23	0.36	3.06	27	<0.5
C330277		0.06	5.34	41	0.66	10.85	35	1.2
C330278		0.06	15.65	41	0.66	10.20	38	1.2
C330279		0.07	5.09	39	0.33	15.40	38	1.3
C330280		0.08	5.49	46	0.38	15.90	40	1.4
C330281		0.09	1.82	45	0.14	3.76	54	1.5
C330282		0.14	4.51	36	0.19	14.45	56	1.7
C330283		0.14	16.90	42	0.21	10.55	70	2.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 31-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095225

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C330284		0.64	0.011	0.07	1.90	79.4	<10	110	2.32	1.22	0.04	0.16	67.80	44.7	18	1.44
C330285		0.60	0.009	0.07	1.71	60.3	<10	90	1.87	1.09	0.07	0.15	69.00	39.0	16	1.11
C330286		0.42	0.025	0.08	2.36	209.0	<10	90	2.43	1.63	0.09	0.05	53.40	32.6	21	2.02
C330287		0.60	0.006	0.08	1.92	85.7	<10	60	1.33	0.94	0.06	0.13	48.30	34.8	19	1.43
C330288		0.72	0.011	0.11	1.17	16.2	<10	100	1.56	1.57	0.05	0.22	110.00	32.1	11	2.92
C330289		0.70	0.005	0.06	1.15	12.1	<10	90	1.57	1.65	0.04	0.11	110.50	32.0	9	3.12
C330290		0.76	0.005	0.05	1.07	10.8	<10	90	1.75	2.21	0.03	0.13	114.50	41.8	10	3.67
C330291		0.64	<0.005	0.08	1.21	17.9	<10	70	1.55	1.50	0.05	0.12	74.30	32.9	11	3.95
C330292		0.62	<0.005	0.08	1.41	16.4	<10	110	1.46	1.65	0.05	0.20	63.10	30.7	12	3.56
C330293		0.70	0.005	0.05	1.31	9.6	<10	40	1.18	1.88	0.02	0.03	56.60	32.0	11	3.21
C330294		0.72	0.005	0.04	1.04	10.4	<10	20	1.48	1.28	0.04	0.02	45.90	31.2	6	2.70
C330295		0.54	<0.005	0.05	1.26	11.5	<10	40	0.95	1.02	0.05	0.12	33.70	18.9	13	2.15
C330296		0.58	<0.005	0.06	0.74	26.7	<10	80	1.06	0.77	0.09	0.16	42.10	31.4	7	2.48
C330297		0.62	<0.005	0.06	0.71	27.5	<10	50	1.41	2.11	0.04	0.04	43.60	33.9	6	2.15
C330298		0.70	<0.005	0.04	0.59	24.1	<10	30	1.65	1.24	0.02	0.02	50.90	27.6	4	1.92
C330299		0.58	0.005	0.05	0.30	27.0	<10	50	1.02	1.71	0.05	0.02	31.00	39.8	4	1.69
C330300		0.10	0.066	1.00	4.07	31	20	460	0.72	0.05	13.55	0.02	22.20	40.4	54	2.17
C331001		0.52	0.006	0.08	0.96	15.4	<10	50	0.78	1.01	0.11	0.09	45.10	24.5	9	2.26
C331002		0.70	<0.005	0.03	0.42	11.6	<10	40	0.64	0.76	0.03	0.04	57.20	16.5	3	1.18
C331003		0.62	0.006	0.05	0.91	11.0	<10	60	0.95	0.82	0.05	0.10	65.00	20.5	8	1.74
C331004		0.60	0.006	0.06	0.91	11.8	<10	90	0.88	0.85	0.07	0.12	50.60	19.1	9	1.65
C331005		0.58	<0.005	0.07	1.07	16.8	<10	60	1.14	1.65	0.03	0.09	49.70	29.7	9	2.57
C331006		0.48	<0.005	0.10	1.00	11.3	<10	90	0.73	0.92	0.09	0.08	41.70	17.5	10	2.13
C331007		0.30	0.042	0.07	2.18	13.8	<10	150	1.11	1.07	0.23	0.47	116.50	39.1	24	4.46
C331008		0.56	0.006	0.04	1.89	6.3	<10	120	0.81	0.31	0.18	0.23	198.50	13.1	25	2.56
C331009		0.48	<0.005	0.08	1.22	5.3	<10	130	0.56	0.49	0.02	0.05	54.90	10.3	13	4.53
C331010		0.36	<0.005	0.08	1.19	6.2	<10	120	0.47	0.45	0.07	0.10	41.30	10.9	13	1.90
C331011		0.46	<0.005	0.12	1.15	43.8	<10	70	0.46	0.85	1.35	0.26	48.20	18.8	13	1.38
C331012		0.40	0.005	0.09	1.47	29.3	<10	110	0.37	0.85	1.11	0.08	27.30	18.7	20	1.31
C331013		0.36	0.007	0.12	0.97	26.8	<10	110	0.44	0.60	2.26	0.21	59.70	18.7	21	1.55
C331014		0.58	0.010	0.06	1.55	14.4	<10	120	0.51	0.70	0.57	0.14	50.10	21.1	30	2.54
C331015		0.56	<0.005	0.02	0.97	13.9	<10	100	0.19	0.47	0.14	0.09	30.90	6.1	17	1.14
C330442		0.48	<0.005	0.11	1.45	41.6	<10	590	0.56	2.35	0.56	0.04	38.30	23.3	20	1.79
C330443		0.52	0.016	0.51	1.60	55.3	<10	490	1.00	5.14	4.10	0.14	33.40	40.3	16	2.07
C330444		0.52	0.028	0.62	1.55	58.1	<10	190	1.55	5.01	5.16	0.21	27.90	44.0	15	1.96
C330445		0.56	0.023	0.80	1.29	71.8	<10	70	1.51	5.82	4.58	0.26	27.00	43.7	13	1.74
C330446		0.56	0.011	0.12	1.75	39.5	<10	260	1.40	1.08	0.26	0.06	63.30	53.9	20	0.91
C330447		0.58	0.009	0.34	0.85	25	<10	50	0.77	1.06	12.65	0.06	16.05	16.5	7	0.96
C330448		0.50	0.020	0.08	2.34	19.5	<10	620	1.85	0.74	0.41	0.05	68.10	72.0	31	2.04
C330449		0.60	0.018	0.09	1.93	68.7	<10	200	1.61	1.24	0.15	0.06	67.80	61.1	22	0.98

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 31-OCT-2006
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CERTIFICATE OF ANALYSIS VA06095225

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C330284		138.0	3.87	5.04	0.11	0.05	0.04	0.064	0.07	30.0	25.3	1.03	1740	2.45	0.01	0.31
C330285		115.5	3.59	4.70	0.11	0.07	0.05	0.049	0.06	30.9	20.9	0.92	1460	2.04	0.01	0.48
C330286		240.0	5.76	6.10	0.12	0.12	0.07	0.149	0.09	24.0	28.2	1.49	1315	4.00	0.01	0.30
C330287		80.4	4.16	5.57	0.10	0.08	0.08	0.061	0.07	21.9	24.0	1.06	1575	2.28	<0.01	0.26
C330288		63.1	3.64	3.77	0.14	0.07	0.03	0.034	0.09	46.7	18.0	0.29	1605	2.15	<0.01	1.61
C330289		71.9	3.41	3.84	0.14	0.11	0.02	0.036	0.07	45.4	21.0	0.27	1480	2.17	<0.01	0.67
C330290		58.6	3.67	3.79	0.14	0.20	0.02	0.043	0.07	48.0	15.2	0.25	1830	2.61	<0.01	0.74
C330291		64.8	3.43	3.29	0.12	0.05	0.03	0.037	0.08	32.0	14.2	0.25	1105	2.42	0.01	0.87
C330292		51.6	3.48	4.32	0.10	0.06	0.06	0.051	0.13	26.9	13.2	0.27	3940	1.78	0.01	0.45
C330293		41.0	3.54	3.84	0.10	0.30	0.01	0.024	0.10	24.7	18.9	0.44	655	1.73	0.01	0.06
C330294		60.8	3.20	2.89	0.08	0.11	0.01	0.028	0.06	21.4	17.2	0.27	519	2.67	0.02	<0.05
C330295		65.5	3.13	3.49	0.07	0.06	0.05	0.037	0.05	17.0	14.8	0.26	597	1.92	0.01	0.46
C330296		41.9	3.48	2.21	0.08	0.04	0.06	0.062	0.07	18.2	6.6	0.16	3780	1.48	0.01	0.32
C330297		93.5	3.86	2.12	0.09	0.14	0.03	0.038	0.05	19.7	8.7	0.16	1550	2.26	0.01	0.10
C330298		109.5	3.07	1.74	0.09	0.10	0.01	0.023	0.05	23.5	9.4	0.14	780	3.15	0.01	<0.05
C330299		160.5	3.09	0.98	0.07	0.04	0.03	0.036	0.04	15.4	2.9	0.08	980	1.03	<0.01	0.13
C330300		2110.0	11.85	12.80	0.31	0.19	0.01	0.520	0.38	15.4	25.8	2.32	2820	5.53	0.10	0.17
C331001		57.4	2.81	2.76	0.09	0.03	0.03	0.034	0.07	19.5	8.8	0.21	1170	1.53	0.01	0.42
C331002		35.7	2.20	1.35	0.08	0.03	0.02	0.021	0.05	24.8	4.2	0.09	1005	0.82	0.01	0.24
C331003		58.2	2.83	2.77	0.10	0.04	0.03	0.024	0.06	28.1	9.8	0.21	934	1.36	0.01	0.56
C331004		55.6	2.85	2.56	0.09	0.03	0.03	0.028	0.07	22.0	9.3	0.20	1120	1.16	0.01	0.46
C331005		97.8	3.34	2.92	0.08	0.03	0.03	0.045	0.06	22.0	10.7	0.16	1685	1.69	0.01	0.31
C331006		33.9	3.08	3.23	0.08	0.02	0.04	0.039	0.08	18.6	9.0	0.18	1160	1.21	0.01	0.50
C331007		240.0	3.79	7.26	0.18	0.05	0.07	0.070	0.08	63.3	20.6	1.10	2170	2.51	0.01	0.48
C331008		35.3	2.46	8.23	0.12	0.02	0.09	0.030	0.07	42.9	20.0	1.14	1740	0.97	0.01	0.33
C331009		14.6	2.67	3.73	0.09	0.08	0.03	0.024	0.07	23.8	18.2	0.24	800	0.97	0.01	0.32
C331010		18.8	2.44	3.63	0.08	0.04	0.02	0.021	0.10	18.8	24.4	0.25	544	0.73	0.01	0.59
C331011		56.7	3.62	3.30	0.10	0.08	0.06	0.037	0.05	22.3	12.5	0.50	2400	1.70	0.01	0.40
C331012		65.6	3.65	3.36	0.06	0.04	0.04	0.035	0.05	14.8	12.3	0.63	1635	1.19	0.02	0.49
C331013		165.0	1.92	3.35	0.11	0.06	0.07	0.028	0.04	42.1	8.6	0.42	1355	1.17	0.01	0.42
C331014		188.0	2.89	5.76	0.10	0.05	0.04	0.035	0.09	24.3	22.0	0.79	477	0.99	0.02	0.98
C331015		12.9	3.09	5.31	0.07	0.03	0.01	0.022	0.05	14.8	10.6	0.26	357	1.86	0.01	1.20
C330442		43.3	4.86	8.94	0.10	0.03	0.13	0.082	0.09	18.9	12.1	0.71	1540	13.85	0.01	0.40
C330443		152.0	8.02	4.79	0.26	0.11	0.11	0.117	0.13	16.7	25.9	3.79	7760	12.20	0.01	0.21
C330444		149.5	7.93	4.49	0.29	0.11	0.17	0.116	0.13	15.2	32.0	4.57	6970	6.59	<0.01	0.32
C330445		156.5	10.20	3.43	0.31	0.10	0.21	0.109	0.10	14.1	28.3	3.67	7920	7.04	<0.01	0.23
C330446		125.0	4.76	5.65	0.09	0.10	0.03	0.056	0.08	32.8	29.5	1.21	1595	5.88	<0.01	0.32
C330447		38.2	4.46	2.29	0.26	0.07	0.09	0.055	0.06	8.5	18.5	8.82	3970	8.72	<0.01	0.08
C330448		166.0	5.00	10.80	0.11	0.10	0.02	0.066	0.16	36.1	42.9	2.87	1990	6.58	<0.01	0.37
C330449		105.0	5.24	5.58	0.08	0.06	0.03	0.065	0.09	33.2	29.4	1.12	2060	6.74	<0.01	0.49

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C330284		42.6	490	8.6	9.5	<0.001	0.03	0.98	2.6	0.2	0.2	4.2	0.01	0.10	13.2	0.008
C330285		37.2	620	6.8	7.7	<0.001	0.04	0.87	1.9	0.2	0.2	4.1	0.01	0.09	12.7	0.006
C330286		42.0	630	10.6	13.4	<0.001	0.04	1.26	4.4	0.2	0.3	4.7	0.01	0.13	16.5	0.009
C330287		29.8	710	8.7	11.3	<0.001	0.03	0.92	2.6	0.3	0.3	4.9	<0.01	0.08	15.7	0.010
C330288		18.1	280	45.9	11.8	<0.001	0.03	1.16	2.0	0.6	0.2	4.2	0.01	0.08	34.1	0.007
C330289		13.0	220	37.1	10.0	<0.001	0.02	1.26	2.1	0.2	0.2	3.3	0.01	0.08	40.3	<0.005
C330290		13.8	240	22.4	10.3	<0.001	0.02	1.59	2.5	0.4	0.2	3.4	0.02	0.10	48.4	0.005
C330291		20.6	610	17.0	11.2	<0.001	0.04	1.04	2.4	0.5	0.3	6.3	<0.01	0.09	25.3	0.013
C330292		14.5	800	19.6	18.8	<0.001	0.06	0.84	1.8	0.3	0.3	5.7	0.01	0.07	9.4	0.007
C330293		16.7	210	8.3	10.7	<0.001	0.02	0.82	1.7	<0.2	<0.2	2.3	<0.01	0.09	37.6	<0.005
C330294		15.7	420	8.3	6.3	<0.001	0.04	0.68	1.6	0.2	<0.2	4.5	0.01	0.10	30.2	<0.005
C330295		19.6	620	10.2	9.7	<0.001	0.06	0.87	1.9	0.6	0.3	5.7	<0.01	0.09	12.1	0.014
C330296		18.9	620	10.0	9.3	<0.001	0.04	1.18	2.3	0.4	0.2	7.3	<0.01	0.05	17.0	0.011
C330297		24.1	440	16.5	6.4	<0.001	0.04	1.37	1.9	0.3	<0.2	4.8	<0.01	0.15	41.2	<0.005
C330298		19.1	300	5.6	6.2	<0.001	0.02	1.20	1.6	0.2	<0.2	2.4	<0.01	0.08	39.5	<0.005
C330299		30.6	350	5.4	4.7	<0.001	0.03	0.80	2.7	0.3	<0.2	11.2	<0.01	0.08	20.1	<0.005
C330300		28.4	1560	3.3	18.1	0.001	0.17	5.77	9.1	<0.2	0.9	273.0	0.01	0.02	2.8	0.188
C331001		17.0	640	11.7	11.8	<0.001	0.04	0.89	1.5	0.3	0.3	7.9	<0.01	0.07	6.0	0.011
C331002		11.1	360	4.4	6.1	<0.001	0.02	0.75	1.4	0.2	<0.2	3.8	<0.01	0.05	13.6	<0.005
C331003		16.4	490	11.0	9.7	<0.001	0.03	0.72	1.9	0.3	0.2	5.8	<0.01	0.06	15.0	0.010
C331004		18.3	600	9.3	9.9	<0.001	0.03	0.66	1.9	<0.2	0.2	6.4	<0.01	0.06	11.9	0.010
C331005		22.8	710	9.8	13.2	<0.001	0.03	0.87	2.1	0.3	0.3	6.8	<0.01	0.08	9.6	0.008
C331006		14.2	670	11.3	15.1	<0.001	0.06	0.54	1.6	0.3	0.3	6.6	<0.01	0.06	4.7	0.009
C331007		26.0	1260	11.5	23.9	<0.001	0.10	0.56	2.7	0.6	0.4	10.2	0.01	0.12	4.4	0.033
C331008		25.6	910	11.6	19.3	<0.001	0.08	0.46	2.6	0.3	0.6	9.2	<0.01	0.07	2.1	0.034
C331009		11.6	550	5.4	16.0	<0.001	0.03	0.18	1.2	<0.2	0.2	2.6	<0.01	0.05	9.1	<0.005
C331010		13.4	450	20.5	16.7	<0.001	0.03	0.27	1.3	<0.2	0.2	6.3	<0.01	0.04	7.0	0.011
C331011		28.8	990	17.2	12.9	<0.001	0.11	0.96	2.6	1.0	0.2	21.4	0.01	0.12	3.2	0.014
C331012		18.9	830	12.7	8.8	<0.001	0.08	0.36	2.5	0.4	0.2	15.2	0.01	0.09	3.0	0.022
C331013		26.5	1070	11.7	10.0	<0.001	0.16	0.56	2.3	1.1	0.2	34.5	0.01	0.07	2.6	0.012
C331014		32.8	650	11.7	23.8	<0.001	0.04	0.33	4.8	0.2	0.4	15.1	<0.01	0.08	8.4	0.040
C331015		10.5	190	13.3	14.2	<0.001	0.02	0.45	1.6	<0.2	0.5	7.5	<0.01	0.04	4.4	0.028
C330442		19.2	1430	27.9	24.4	<0.001	0.09	1.22	2.6	1.0	0.7	10.0	<0.01	0.15	2.5	0.017
C330443		61.5	1240	49.3	17.2	0.001	0.08	3.09	4.3	2.4	0.2	10.7	0.01	0.12	5.5	0.014
C330444		69.4	1060	50.5	16.3	0.001	0.06	3.21	5.9	3.2	0.3	14.2	0.01	0.15	4.5	0.024
C330445		72.2	1270	72.6	11.0	0.001	0.06	3.54	5.1	3.4	0.2	10.1	0.01	0.19	3.4	0.015
C330446		43.0	610	7.5	11.3	<0.001	0.05	0.71	3.6	0.7	0.3	3.9	<0.01	0.19	15.3	0.011
C330447		29.3	730	35.5	5.6	0.001	0.02	2.37	3.6	1.7	<0.2	25.3	<0.01	0.06	3.0	0.005
C330448		61.2	500	6.5	27.2	0.001	0.02	0.55	8.7	0.6	0.7	6.1	<0.01	0.21	15.3	0.053
C330449		43.9	670	7.8	10.1	<0.001	0.06	0.69	2.9	0.6	0.3	3.1	0.01	0.21	12.4	0.008

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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VANCOUVER BC V6C 1G8

Finalized Date: 31-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095225

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C330284		0.07	5.84	18	0.08	11.25	38	1.2
C330285		0.06	4.38	15	0.07	9.48	33	1.7
C330286		0.07	6.45	22	0.11	17.30	35	4.1
C330287		0.08	3.67	19	0.07	9.94	34	2.3
C330288		0.10	10.30	10	0.43	18.15	83	1.7
C330289		0.09	6.97	9	0.18	12.50	34	4.6
C330290		0.10	9.00	10	0.22	14.85	32	9.5
C330291		0.10	5.51	18	0.13	10.65	44	1.5
C330292		0.13	6.85	17	0.10	10.90	35	1.2
C330293		0.08	5.48	9	<0.05	7.92	23	13.2
C330294		0.04	5.71	7	<0.05	5.89	19	5.4
C330295		0.09	3.99	21	0.09	5.63	44	1.8
C330296		0.08	3.56	14	0.10	10.40	31	1.0
C330297		0.04	5.32	7	0.05	7.61	17	6.4
C330298		0.03	4.73	4	<0.05	6.09	11	4.7
C330299		0.04	3.76	7	<0.05	6.09	13	1.6
C330300		0.09	4.00	122	9.90	16.45	145	8.9
C331001		0.10	3.24	17	0.15	5.56	36	0.7
C331002		0.04	2.47	6	0.06	5.27	13	0.9
C331003		0.08	3.13	13	0.10	8.21	31	1.0
C331004		0.08	2.62	16	0.09	5.62	28	0.6
C331005		0.11	2.89	17	0.07	5.76	27	0.6
C331006		0.11	1.63	19	0.10	3.50	29	<0.5
C331007		0.18	4.35	38	0.16	21.80	40	0.6
C331008		0.14	1.65	40	0.14	7.82	50	<0.5
C331009		0.08	2.34	13	0.05	2.97	33	1.9
C331010		0.10	1.23	20	0.11	4.50	54	0.8
C331011		0.10	2.93	19	0.09	18.70	77	1.4
C331012		0.09	2.70	28	0.34	10.65	85	0.7
C331013		0.09	3.94	17	0.08	20.70	47	0.8
C331014		0.13	3.03	34	0.15	12.60	105	0.8
C331015		0.10	0.46	48	0.16	2.21	55	1.0
C330442		1.36	38.30	49	0.20	3.89	38	0.7
C330443		3.97	11.40	32	0.10	22.10	87	2.7
C330444		3.69	6.58	35	0.13	26.60	108	2.6
C330445		4.29	6.52	36	0.09	27.20	251	2.4
C330446		0.09	11.15	20	0.29	9.58	38	2.7
C330447		2.95	7.55	19	0.05	14.80	36	2.4
C330448		0.09	10.30	48	0.58	13.20	38	2.8
C330449		0.06	6.44	19	0.29	7.53	41	1.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 31-OCT-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095225

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C330450		0.50	0.021	0.17	1.99	15.7	<10	1480	1.70	1.21	0.29	0.05	49.80	65.8	24	1.36
C330801		0.50	0.031	0.21	1.69	11.8	<10	1990	1.44	1.06	0.30	0.05	51.30	54.1	23	1.60
C330802		0.50	0.044	0.23	0.67	150.5	<10	160	0.70	5.99	0.55	0.22	29.20	204.0	5	0.38
C330803		0.52	0.072	0.61	1.22	278.0	<10	500	0.93	5.91	0.57	0.29	56.50	282.0	13	0.71
C330804		0.48	0.029	0.18	1.02	112.5	<10	250	0.60	2.50	0.32	0.13	36.90	98.3	14	0.89
C330805		0.64	0.036	0.11	3.28	7.4	<10	180	2.34	0.91	0.46	0.08	59.30	53.8	38	3.00
C330806		0.58	0.182	0.04	2.36	7.1	<10	80	1.23	0.80	0.06	0.09	45.40	37.6	34	1.78
C330807		0.40	0.105	0.12	2.24	8.8	<10	90	1.22	0.88	0.18	0.17	35.60	34.3	32	1.95
C330808		0.54	0.017	0.07	2.43	7.9	<10	320	1.60	0.98	0.21	0.12	48.50	35.8	31	2.15
C330809		0.38	0.007	0.16	0.60	11.8	<10	360	0.29	0.68	0.34	0.15	17.70	10.6	13	1.12
C330810		0.68	0.006	0.14	2.53	103.0	<10	100	2.42	1.55	0.11	0.11	63.90	60.9	27	2.07
C330811		0.86	<0.005	0.08	1.23	8.7	<10	60	1.73	1.40	0.05	0.11	107.50	32.1	13	2.91
C330812		0.70	<0.005	0.16	0.86	15.7	<10	100	2.01	2.25	0.03	0.13	114.00	61.6	10	2.58
C330813		0.72	<0.005	0.08	1.29	11.1	<10	90	2.46	2.01	0.03	0.05	171.00	42.3	13	2.86
C330814		0.80	<0.005	0.05	1.31	8.5	<10	80	1.66	1.32	0.06	0.04	153.00	30.7	12	2.22
C330815		0.76	<0.005	0.06	1.02	11.2	<10	90	2.08	1.51	0.03	0.05	149.00	41.5	10	2.76
C330816		0.70	<0.005	0.09	1.29	19.4	<10	70	1.95	1.38	0.03	0.07	139.00	51.4	13	2.68
C330817		0.78	<0.005	0.05	1.30	5.6	<10	50	2.43	0.93	0.03	0.04	133.00	31.7	12	2.51
C330818		0.80	<0.005	0.09	1.44	14.1	<10	50	2.70	3.29	0.05	0.06	165.00	38.9	15	3.83
C330819		0.70	<0.005	0.07	1.32	6.9	<10	40	2.13	0.81	0.06	0.05	102.00	24.2	10	2.80
C330820		0.68	<0.005	0.06	1.33	6.6	<10	40	2.04	0.82	0.06	0.05	101.50	23.6	11	2.77
C330821		0.82	<0.005	0.09	0.56	14.2	<10	50	1.98	1.50	0.05	0.03	71.60	27.6	5	3.19
C330822		0.68	<0.005	0.05	0.40	22.2	<10	60	1.29	3.04	0.05	0.06	38.90	34.0	5	1.68
C330823		0.64	<0.005	0.04	0.44	10.7	<10	30	0.56	1.10	0.02	0.03	36.60	15.8	5	1.50
C330824		0.46	<0.005	0.08	0.89	8.5	<10	70	0.43	0.72	0.06	0.09	37.00	8.0	11	1.97
C330825		0.58	<0.005	0.08	1.17	20.5	<10	70	0.96	1.10	0.03	0.10	46.20	15.9	11	2.26
C330826		0.66	<0.005	0.04	1.27	10.1	<10	60	0.65	0.69	0.04	0.10	57.70	12.8	13	1.61
C330827		0.54	<0.005	0.05	1.49	10.4	<10	90	1.41	0.79	0.04	0.07	58.10	21.1	14	3.15
C330828		0.54	<0.005	0.04	1.62	8.4	<10	60	0.71	0.55	0.04	0.08	63.50	11.7	17	2.20
C330829		0.56	<0.005	0.02	1.28	5.5	<10	80	0.64	0.48	0.04	0.04	86.60	11.1	13	1.69
C330830		0.54	<0.005	0.05	2.50	9.6	<10	140	1.17	0.60	0.05	0.10	43.40	19.8	25	3.86
C330831		0.58	<0.005	0.04	1.49	5.9	<10	50	0.58	0.63	0.01	0.05	62.80	15.8	10	1.64
C330832		0.56	<0.005	0.05	1.84	9.0	<10	50	0.77	0.51	0.03	0.10	38.30	11.1	18	2.85
C330833		0.46	<0.005	0.05	0.83	6.1	<10	60	0.38	0.58	0.07	0.08	33.00	5.5	9	2.31
C330834		0.60	<0.005	0.03	0.81	10.0	<10	30	0.55	0.81	0.02	0.05	45.10	12.1	8	1.63
C330835		0.64	<0.005	0.06	0.93	14.1	<10	60	0.74	1.18	0.03	0.10	37.30	27.3	10	2.09
C330836		0.52	<0.005	0.04	0.77	3.3	<10	20	0.12	0.22	0.02	0.06	32.60	3.0	11	0.90
C330837		0.46	<0.005	0.12	0.37	2.9	<10	60	0.11	0.46	0.15	0.16	18.20	4.8	10	1.79
C330838		0.68	<0.005	0.17	1.45	9.7	<10	50	0.79	0.86	0.02	0.08	36.60	19.7	12	6.20
C330839		0.68	<0.005	0.11	1.25	14.4	<10	180	0.52	0.43	1.20	0.17	45.20	17.5	24	2.00

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C330450		47.5	4.99	7.68	0.06	0.09	0.10	0.073	0.15	26.3	38.6	1.89	3930	5.09	<0.01	0.27
C330801		52.6	4.82	6.63	0.08	0.09	0.04	0.058	0.16	27.3	36.9	1.89	2880	2.85	<0.01	0.25
C330802		132.5	10.40	2.24	0.08	0.08	0.18	0.124	0.04	19.3	3.3	0.19	9220	17.45	<0.01	0.59
C330803		386.0	12.00	5.81	0.12	0.13	0.11	0.499	0.31	35.5	16.1	0.86	11000	87.30	<0.01	0.36
C330804		133.0	6.33	4.97	0.06	0.03	0.12	0.177	0.07	20.8	9.3	0.43	4830	23.20	<0.01	0.36
C330805		13.4	5.52	14.40	0.20	0.11	0.08	0.158	0.24	32.0	57.5	4.06	2440	2.42	<0.01	0.38
C330806		9.4	4.66	12.50	0.11	0.03	0.06	0.062	0.07	23.6	48.7	2.46	1580	1.31	<0.01	0.24
C330807		15.5	3.94	10.90	0.08	0.03	0.10	0.051	0.08	18.2	40.5	2.14	1505	1.94	<0.01	0.30
C330808		32.9	6.60	8.60	0.07	0.07	0.06	0.110	0.12	21.7	60.6	2.19	4280	7.73	<0.01	0.14
C330809		25.6	1.99	3.45	<0.05	<0.02	0.09	0.031	0.07	9.5	5.6	0.32	604	4.08	<0.01	0.34
C330810		127.0	6.20	6.92	0.08	0.07	0.06	0.114	0.08	31.4	34.4	1.02	1960	5.00	<0.01	0.20
C330811		53.5	2.80	3.50	0.08	0.13	0.02	0.020	0.14	50.0	28.9	0.31	678	1.51	<0.01	0.55
C330812		80.3	2.78	2.66	0.09	0.19	0.02	0.018	0.10	52.6	12.6	0.20	1080	2.29	<0.01	2.18
C330813		61.4	3.42	4.12	0.13	0.21	0.01	0.025	0.13	79.1	22.7	0.33	1265	2.09	<0.01	0.73
C330814		40.9	3.34	3.86	0.11	0.16	0.01	0.026	0.13	69.6	21.2	0.37	1105	1.33	<0.01	0.49
C330815		54.0	3.52	3.20	0.10	0.27	0.02	0.036	0.13	67.4	13.7	0.26	1720	2.51	<0.01	1.01
C330816		72.2	3.88	3.97	0.11	0.13	0.03	0.059	0.13	64.2	13.4	0.31	2600	2.34	<0.01	1.88
C330817		25.5	3.22	3.72	0.10	0.14	0.01	0.023	0.12	59.5	23.8	0.31	857	1.68	<0.01	0.66
C330818		78.7	3.61	4.02	0.12	0.17	0.02	0.030	0.12	74.8	26.8	0.34	1285	2.09	<0.01	1.13
C330819		86.5	3.62	3.51	0.08	0.12	0.02	0.034	0.11	45.5	24.4	0.29	1140	1.91	<0.01	0.69
C330820		85.8	3.61	3.45	0.10	0.13	0.01	0.032	0.12	46.0	24.4	0.29	1120	1.88	<0.01	0.73
C330821		19.2	3.40	1.47	0.07	0.18	0.02	0.028	0.16	33.5	6.6	0.08	1220	1.14	<0.01	0.08
C330822		79.0	3.73	1.42	0.05	0.03	0.03	0.051	0.09	17.1	1.9	0.05	1900	2.49	<0.01	0.09
C330823		26.6	2.30	1.69	<0.05	0.02	0.04	0.020	0.07	17.3	1.1	0.03	331	0.98	<0.01	0.21
C330824		18.3	2.06	3.71	<0.05	0.02	0.05	0.026	0.08	17.8	3.2	0.08	463	1.23	<0.01	0.64
C330825		31.4	2.84	3.35	0.05	0.02	0.03	0.031	0.11	22.0	9.2	0.17	643	1.17	<0.01	0.31
C330826		26.7	3.00	3.37	0.06	0.04	0.02	0.020	0.08	26.9	12.0	0.24	583	1.05	<0.01	0.74
C330827		76.7	3.32	3.70	0.07	0.06	0.05	0.034	0.11	26.5	15.4	0.28	1240	1.05	<0.01	0.65
C330828		26.6	2.83	4.33	0.06	0.05	0.02	0.024	0.10	29.7	14.9	0.27	329	0.97	<0.01	1.08
C330829		18.2	2.42	3.32	0.07	0.04	0.02	0.017	0.08	39.5	13.9	0.27	375	0.61	<0.01	0.77
C330830		28.1	3.61	5.88	0.07	0.08	0.04	0.035	0.10	19.8	16.7	0.38	530	1.38	<0.01	0.99
C330831		22.9	2.61	2.91	0.09	0.06	0.04	0.020	0.09	28.4	14.6	0.18	384	0.70	<0.01	0.80
C330832		41.8	4.28	5.14	0.07	0.07	0.06	0.032	0.06	17.6	15.1	0.20	287	1.57	<0.01	1.03
C330833		13.6	2.51	4.62	0.06	<0.02	0.02	0.028	0.06	15.6	2.1	0.05	480	3.63	<0.01	0.19
C330834		30.6	2.61	2.64	0.07	0.04	0.02	0.020	0.06	20.9	7.2	0.11	292	1.15	<0.01	0.49
C330835		44.2	2.88	3.09	0.07	0.04	0.09	0.034	0.07	16.5	7.6	0.15	1700	1.48	<0.01	0.52
C330836		12.7	1.34	5.59	0.05	<0.02	0.06	0.012	0.02	16.6	4.2	0.20	112	0.94	<0.01	0.27
C330837		11.0	1.10	2.66	<0.05	<0.02	0.08	0.012	0.07	9.3	2.2	0.11	148	1.23	<0.01	0.38
C330838		50.5	2.50	3.91	0.07	0.08	0.05	0.022	0.06	17.3	40.4	0.32	467	1.21	<0.01	0.20
C330839		124.5	2.86	4.49	0.11	0.06	0.04	0.027	0.10	22.5	18.8	1.17	908	0.77	<0.01	0.92

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 31-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095225

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C330450		64.9	840	8.1	26.8	<0.001	0.04	0.57	6.8	0.8	0.6	8.1	0.01	0.26	10.5	0.032
C330801		62.8	810	6.4	26.3	<0.001	0.04	0.58	7.3	0.7	0.5	24.8	0.01	0.23	15.1	0.043
C330802		66.3	1480	32.7	7.1	0.001	0.15	1.48	3.3	2.5	0.4	9.8	0.01	0.90	3.9	0.007
C330803		84.2	1120	29.4	20.0	0.002	0.68	1.66	9.9	3.2	0.8	10.4	0.01	0.96	11.9	0.008
C330804		31.7	1120	26.9	12.0	0.001	0.18	1.42	3.5	1.5	0.6	8.9	<0.01	0.47	3.1	0.016
C330805		51.1	900	4.8	37.4	<0.001	0.03	0.67	14.3	0.3	0.9	4.5	0.01	0.11	16.0	0.067
C330806		43.8	700	5.4	12.3	<0.001	0.05	0.64	5.7	0.4	0.7	2.4	<0.01	0.09	8.0	0.048
C330807		37.1	1530	8.5	16.2	<0.001	0.14	0.69	4.1	0.6	0.7	4.8	<0.01	0.12	3.5	0.037
C330808		74.0	1190	20.0	17.1	<0.001	0.06	0.96	6.4	0.7	0.5	3.6	<0.01	0.24	12.8	0.028
C330809		12.6	1380	9.1	8.8	<0.001	0.17	0.84	1.2	0.8	0.4	7.7	<0.01	0.10	0.3	0.014
C330810		60.4	1100	18.0	14.4	<0.001	0.06	1.20	4.2	0.9	0.3	4.5	<0.01	0.21	12.6	0.009
C330811		17.6	230	20.0	11.9	<0.001	<0.01	0.69	1.7	0.2	0.2	3.7	0.01	0.05	43.4	<0.005
C330812		22.1	250	71.8	10.3	<0.001	0.03	1.47	1.4	0.4	<0.2	3.0	0.04	0.09	48.7	0.011
C330813		19.3	260	23.0	12.1	<0.001	<0.01	1.01	2.0	0.4	0.2	3.3	0.02	0.08	56.1	<0.005
C330814		17.5	270	14.7	11.6	<0.001	<0.01	0.71	2.1	0.3	0.2	3.4	0.01	0.06	43.4	<0.005
C330815		18.3	260	25.5	12.1	<0.001	<0.01	1.13	2.3	0.3	<0.2	2.9	0.04	0.09	59.6	<0.005
C330816		22.6	470	45.1	14.3	<0.001	0.01	1.19	3.4	0.5	0.2	3.8	0.03	0.10	53.8	0.009
C330817		15.1	230	8.5	10.9	<0.001	<0.01	0.68	1.9	0.3	0.2	2.1	0.01	0.04	56.9	<0.005
C330818		18.1	260	16.0	12.2	<0.001	<0.01	0.98	2.0	0.4	0.2	2.9	0.02	0.06	78.4	<0.005
C330819		15.8	240	7.9	11.4	<0.001	<0.01	0.79	2.4	0.2	0.2	3.3	0.01	0.04	63.6	<0.005
C330820		15.5	230	7.7	11.7	<0.001	<0.01	0.78	2.3	0.2	0.2	3.4	0.01	0.03	64.8	<0.005
C330821		20.0	270	5.7	14.0	<0.001	<0.01	1.30	2.6	<0.2	0.2	5.2	<0.01	0.02	43.4	<0.005
C330822		27.0	740	7.0	10.9	<0.001	0.02	1.17	2.2	0.5	0.2	5.9	<0.01	0.14	7.5	<0.005
C330823		11.2	600	3.4	10.7	<0.001	0.03	0.54	1.3	0.2	0.2	4.2	<0.01	0.04	3.7	0.005
C330824		9.3	880	7.2	19.7	<0.001	0.08	0.60	1.4	0.4	0.4	5.3	<0.01	0.06	2.8	0.010
C330825		16.4	830	8.9	18.7	<0.001	0.02	0.57	1.5	0.4	0.4	9.4	<0.01	0.05	3.4	0.008
C330826		16.0	540	8.5	12.5	<0.001	0.01	0.60	1.5	0.3	0.3	5.1	<0.01	0.04	6.7	0.017
C330827		19.4	520	11.7	16.5	<0.001	0.02	0.62	2.4	0.5	0.3	5.4	<0.01	0.05	12.2	0.011
C330828		16.5	290	10.5	18.2	<0.001	<0.01	0.48	2.3	0.3	0.4	5.1	<0.01	0.05	13.7	0.016
C330829		14.7	140	7.7	14.3	<0.001	<0.01	0.34	1.9	0.2	0.3	4.3	<0.01	0.03	14.2	0.009
C330830		20.8	290	17.1	21.9	<0.001	<0.01	0.73	3.1	0.5	0.6	7.2	<0.01	0.06	16.9	0.017
C330831		14.4	270	8.2	11.5	<0.001	<0.01	0.42	1.5	0.4	0.2	2.2	0.01	0.04	17.3	0.005
C330832		19.7	490	12.9	14.8	<0.001	0.01	0.87	2.1	0.7	0.5	6.0	0.01	0.06	18.6	0.018
C330833		7.0	850	6.6	18.7	<0.001	0.04	0.59	0.6	0.4	0.5	4.7	0.01	0.07	0.5	0.010
C330834		15.0	370	5.4	11.4	<0.001	0.01	0.59	1.5	0.3	0.3	4.3	<0.01	0.05	10.7	0.009
C330835		16.6	780	13.9	13.4	<0.001	0.03	0.78	1.7	0.6	0.3	5.1	<0.01	0.09	6.4	0.014
C330836		7.5	650	4.6	3.9	<0.001	0.04	0.37	0.7	0.5	0.5	3.2	<0.01	0.06	0.7	0.017
C330837		7.5	1020	6.9	9.3	<0.001	0.11	0.31	0.6	0.5	0.8	6.6	<0.01	0.04	0.2	0.017
C330838		21.7	420	11.2	10.6	<0.001	0.05	0.57	1.4	0.5	0.3	7.2	<0.01	0.07	14.0	0.005
C330839		27.7	740	10.3	22.1	<0.001	0.01	0.52	4.2	0.5	0.3	16.4	0.01	0.08	10.8	0.044

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 31-OCT-2006
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CERTIFICATE OF ANALYSIS VA06095225

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C330450		0.09	13.30	32	0.51	19.00	30	1.9
C330801		0.07	6.09	31	0.61	21.60	28	2.2
C330802		0.05	12.55	21	1.13	15.15	92	1.7
C330803		0.12	28.40	28	1.60	19.30	161	3.7
C330804		0.13	10.30	32	1.55	7.93	87	0.5
C330805		0.10	5.50	51	0.69	22.00	34	3.3
C330806		0.06	4.59	46	0.34	5.45	34	0.7
C330807		0.12	3.40	44	0.28	6.01	39	0.6
C330808		0.07	4.78	37	0.37	13.70	65	1.7
C330809		0.16	2.08	28	0.21	3.32	44	<0.5
C330810		0.10	3.60	28	0.14	10.65	51	1.4
C330811		0.08	6.53	8	0.17	10.20	59	4.6
C330812		0.10	11.15	6	1.19	26.20	85	6.8
C330813		0.09	10.00	9	0.48	17.75	39	7.8
C330814		0.08	10.80	9	0.26	13.35	32	6.4
C330815		0.09	8.67	6	0.63	20.80	32	10.8
C330816		0.13	10.05	12	0.54	22.60	41	4.7
C330817		0.07	6.80	8	0.20	12.15	19	5.6
C330818		0.08	8.04	9	0.38	17.80	26	6.1
C330819		0.07	7.92	8	0.19	14.40	21	4.6
C330820		0.07	7.81	8	0.19	14.50	21	4.9
C330821		0.08	6.39	6	0.05	6.78	13	6.8
C330822		0.10	2.36	10	<0.05	7.17	17	0.5
C330823		0.09	1.12	13	0.05	2.51	16	0.5
C330824		0.15	1.53	24	0.12	3.11	33	0.6
C330825		0.13	1.71	22	0.10	5.22	33	<0.5
C330826		0.10	1.80	24	0.16	4.76	38	0.7
C330827		0.14	2.77	18	0.12	8.91	35	1.2
C330828		0.14	1.21	27	0.15	3.96	38	1.5
C330829		0.10	2.07	18	0.13	5.40	27	1.0
C330830		0.23	1.79	40	0.20	5.44	51	2.4
C330831		0.08	1.69	10	0.12	4.24	22	1.8
C330832		0.14	2.11	38	0.16	3.32	60	2.3
C330833		0.13	1.26	32	0.16	2.68	27	<0.5
C330834		0.08	1.64	17	0.09	3.13	21	1.1
C330835		0.13	2.60	22	0.14	5.21	36	0.9
C330836		0.06	1.19	34	0.11	1.80	19	<0.5
C330837		0.09	0.86	19	0.21	2.19	24	<0.5
C330838		0.11	2.92	15	0.06	3.89	35	2.1
C330839		0.13	0.90	29	0.16	11.00	78	1.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C330840		0.10	0.061	1.20	4.07	26	20	460	0.68	0.04	13.30	0.02	21.60	49.0	53	2.10
C330841		0.60	<0.005	0.03	1.06	8.8	<10	70	0.36	0.43	0.17	0.11	41.70	15.3	17	1.07
C330842		0.72	<0.005	0.03	1.19	7.9	<10	70	0.51	0.42	0.14	0.08	50.20	13.1	17	1.10
C330843		0.66	<0.005	0.06	1.38	8.1	<10	110	0.64	0.48	0.17	0.04	62.00	13.2	18	1.41
C330844		0.54	<0.005	0.05	0.78	7.3	<10	80	0.23	0.38	0.09	0.03	28.50	4.4	14	1.43
C330845		0.58	<0.005	0.03	1.05	12.4	<10	80	0.29	0.42	0.05	0.06	24.80	5.4	19	1.45
C202881		0.46	<0.005	0.07	1.12	4.5	<10	70	0.38	0.28	0.46	0.06	33.50	13.8	38	1.25
C202882		0.46	<0.005	0.12	1.24	10.4	<10	450	0.75	0.35	1.01	0.23	38.50	10.8	16	1.15
C202883		0.38	<0.005	0.23	1.74	9.4	<10	310	1.29	0.52	0.59	1.09	37.50	14.3	19	1.18
C202884		0.36	0.008	0.16	1.51	10.3	<10	320	0.91	0.49	0.73	1.68	28.90	18.9	19	1.42
C202885		0.32	0.005	0.05	1.57	3.5	<10	110	0.68	0.56	0.45	0.12	53.80	24.4	24	0.78
C202886		0.36	0.030	0.09	1.46	3.2	<10	110	0.56	0.52	0.70	0.10	55.50	21.4	25	0.90
C202887		0.44	0.006	0.07	1.44	4.6	<10	120	0.58	0.50	0.85	0.12	48.30	20.7	24	0.83
C202888		0.46	0.014	0.17	1.83	63.9	<10	410	1.40	1.32	0.38	0.09	51.80	62.5	23	1.14
C202889		0.32	0.035	0.48	2.20	44.0	<10	630	1.59	1.19	0.92	0.15	30.10	42.2	28	1.84
C202890		0.56	0.015	0.07	3.08	75.3	<10	190	1.82	1.45	0.06	0.08	76.30	62.4	31	2.49
C202891		0.52	0.007	0.07	3.04	90.5	<10	260	1.91	1.66	0.07	0.07	79.50	62.4	31	2.44
C202892		0.36	0.039	0.06	0.91	9.9	<10	160	0.43	0.70	0.10	0.07	37.40	10.9	18	2.26
C202893		0.48	<0.005	0.12	2.86	4.7	<10	250	1.36	0.47	0.66	0.11	57.10	37.7	42	2.22
C202894		0.44	0.006	0.07	2.20	6.1	<10	120	1.32	0.35	0.42	0.06	51.40	36.7	27	2.35
C202895		0.50	0.010	0.02	2.37	7.2	<10	60	1.24	0.43	0.06	0.05	86.50	35.5	31	2.48
C202896		0.38	0.013	0.19	2.10	18.8	<10	240	1.42	0.40	0.88	0.07	34.40	42.9	25	2.05
C202897		0.40	0.006	0.04	1.56	39.3	<10	130	0.69	0.93	0.08	0.06	48.40	20.3	24	1.60
C202898		0.46	<0.005	0.12	2.42	42.1	<10	430	1.39	1.05	0.19	0.14	43.70	42.0	29	1.90
C202899		0.46	0.010	0.06	2.46	550.0	<10	230	1.34	1.09	0.12	0.21	42.90	224.0	31	2.15
C202900		0.44	0.007	0.18	0.92	28.5	<10	60	0.42	1.27	0.06	0.11	52.80	21.6	17	1.27
C202901		0.50	0.017	0.12	2.27	20.2	<10	110	1.25	0.60	0.05	0.15	41.70	26.2	25	1.64
C202902		0.52	0.009	0.19	2.08	69.4	<10	160	2.34	1.19	0.08	0.32	44.40	54.8	27	2.91
C202903		0.52	<0.005	0.05	2.73	85.5	<10	140	3.21	1.36	0.06	0.09	56.50	85.5	25	2.17
C202904		0.40	<0.005	0.11	2.46	82.6	<10	120	2.47	1.23	0.12	0.27	41.20	74.0	25	2.17
C202905		0.54	<0.005	0.08	1.42	48.8	<10	80	2.76	1.16	0.10	0.27	30.10	68.1	13	5.51
C202906		0.58	<0.005	0.06	0.94	39.6	<10	80	1.57	1.16	0.13	0.15	26.00	44.2	7	2.78
C202907		0.58	<0.005	0.17	0.91	63.7	<10	60	2.30	3.91	0.29	0.08	27.50	68.2	6	3.21
C202908		0.56	<0.005	0.08	1.93	27.5	<10	70	1.03	1.02	0.05	0.13	30.60	31.5	26	3.20
C202909		0.40	<0.005	0.21	1.46	78.7	<10	40	2.15	3.33	0.31	0.11	20.80	27.6	13	3.30
C202910		0.12	0.051	1.33	4.30	36	20	450	0.93	0.04	13.50	0.02	22.90	50.5	56	2.26
C202911		0.70	<0.005	0.11	0.81	40.3	<10	50	1.61	2.20	0.16	0.08	40.30	55.9	7	3.31
C202912		0.66	0.009	0.10	1.58	22.0	<10	50	2.55	1.88	0.05	0.07	46.30	41.5	13	5.61
C202913		0.84	<0.005	0.04	0.98	12.8	<10	40	1.53	1.22	0.05	0.06	70.90	24.1	9	1.68
C202914		0.50	<0.005	0.05	1.89	9.7	<10	50	0.68	0.36	0.06	0.07	57.50	9.1	24	2.90

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
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Finalized Date: 31-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095225

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C330840		2220.0	11.70	14.50	0.29	0.44	0.01	0.540	0.38	13.8	22.9	2.29	2690	5.72	0.07	0.10
C330841		18.5	3.01	3.90	0.08	0.02	0.01	0.017	0.06	19.7	16.9	0.51	622	1.11	<0.01	0.88
C330842		21.5	2.78	3.76	0.09	0.03	0.02	0.018	0.06	22.7	18.3	0.51	517	0.86	<0.01	0.89
C330843		50.1	2.69	4.37	0.10	0.05	0.02	0.022	0.08	31.2	19.2	0.61	438	0.77	<0.01	0.83
C330844		9.1	2.22	5.45	0.05	0.02	0.02	0.013	0.03	14.4	11.5	0.14	142	1.43	<0.01	0.79
C330845		12.0	3.95	6.69	0.06	0.02	0.01	0.024	0.04	12.5	15.4	0.20	259	1.57	<0.01	1.33
C202881		46.4	2.86	3.91	0.08	0.02	0.02	0.018	0.08	15.5	14.4	0.68	418	0.41	<0.01	0.36
C202882		23.9	2.36	4.39	0.08	0.04	0.10	0.046	0.08	19.5	16.0	0.52	1700	0.82	<0.01	0.25
C202883		50.3	3.28	5.52	0.07	0.07	0.03	0.045	0.07	18.6	14.8	0.48	1690	1.10	<0.01	0.36
C202884		37.4	3.23	5.27	0.06	0.07	0.05	0.043	0.07	12.5	14.9	0.44	1760	2.56	<0.01	0.36
C202885		91.8	3.72	8.01	0.11	0.05	0.05	0.077	0.06	28.6	21.3	1.48	3000	2.96	<0.01	0.16
C202886		68.7	3.63	7.17	0.13	0.04	0.07	0.076	0.08	27.5	20.0	1.45	2340	2.24	<0.01	0.16
C202887		96.3	3.34	7.15	0.11	0.04	0.03	0.065	0.06	24.9	21.5	1.43	1925	1.78	<0.01	0.17
C202888		143.0	4.52	6.14	0.11	0.10	0.06	0.088	0.09	26.2	26.0	1.29	2320	8.01	<0.01	0.31
C202889		190.0	3.99	7.29	0.12	0.17	0.08	0.082	0.11	25.8	31.5	1.53	1080	5.96	<0.01	0.31
C202890		104.0	5.57	10.95	0.12	0.09	0.04	0.102	0.09	38.3	42.3	2.27	1865	5.28	<0.01	0.47
C202891		108.0	5.62	11.20	0.13	0.10	0.05	0.108	0.08	40.1	42.9	2.15	1795	5.91	<0.01	0.46
C202892		26.1	2.59	8.03	0.07	<0.02	0.04	0.034	0.07	20.2	8.1	0.46	690	2.44	<0.01	0.18
C202893		207.0	5.91	12.15	0.18	0.05	0.04	0.089	0.11	28.8	39.2	3.24	3080	2.89	<0.01	0.34
C202894		18.1	3.80	10.90	0.11	<0.02	0.05	0.075	0.13	26.6	39.7	2.53	1035	1.01	<0.01	0.62
C202895		12.0	5.02	14.35	0.17	0.03	0.01	0.056	0.11	46.0	58.1	2.70	448	1.23	<0.01	0.87
C202896		76.0	3.22	9.47	0.13	0.04	0.05	0.062	0.13	20.8	34.7	2.56	1150	1.97	<0.01	0.79
C202897		29.2	4.04	7.27	0.08	<0.02	0.03	0.045	0.09	24.5	24.7	0.90	641	3.30	<0.01	0.27
C202898		85.1	4.75	8.65	0.10	0.08	0.05	0.073	0.10	22.5	28.2	1.13	2090	3.50	<0.01	0.39
C202899		179.0	4.82	7.66	0.09	0.05	0.06	0.091	0.10	19.5	25.8	1.04	1755	3.41	<0.01	0.54
C202900		40.0	3.09	6.59	0.09	<0.02	0.07	0.037	0.06	26.4	9.2	0.31	440	3.34	<0.01	0.27
C202901		82.4	4.02	6.91	0.09	0.04	0.10	0.082	0.05	18.0	37.2	0.52	1510	3.15	<0.01	0.84
C202902		119.0	4.78	8.56	0.09	0.02	0.10	0.087	0.11	20.0	33.9	0.61	2220	3.40	<0.01	0.62
C202903		123.5	5.32	8.07	0.11	0.12	0.07	0.116	0.09	23.8	40.2	0.81	2970	2.59	<0.01	0.34
C202904		120.0	5.49	7.72	0.11	0.07	0.06	0.118	0.10	18.7	35.6	0.79	3370	2.93	<0.01	0.35
C202905		72.3	4.75	4.31	0.08	0.04	0.08	0.128	0.09	13.1	17.6	0.27	5240	2.63	<0.01	0.28
C202906		47.2	5.00	3.17	0.08	0.06	0.05	0.150	0.09	11.3	8.7	0.13	4730	1.68	<0.01	0.16
C202907		127.5	5.96	2.80	0.10	0.09	0.04	0.193	0.08	12.6	20.1	0.29	5900	3.75	<0.01	0.08
C202908		67.8	4.03	7.02	0.07	0.02	0.06	0.058	0.09	14.2	22.9	0.40	1150	2.94	<0.01	0.79
C202909		183.0	5.22	3.92	0.08	0.11	0.07	0.211	0.07	9.8	24.5	0.31	1300	4.58	<0.01	0.19
C202910		2680.0	12.90	13.55	0.27	0.35	<0.01	0.556	0.40	14.5	27.8	2.32	2870	6.14	0.10	0.09
C202911		49.0	5.66	2.25	0.11	0.06	0.05	0.124	0.09	18.3	11.1	0.26	4180	2.04	<0.01	0.07
C202912		133.5	3.31	4.63	0.10	0.05	0.04	0.041	0.09	20.8	28.3	0.27	768	3.47	<0.01	0.31
C202913		55.9	2.44	3.31	0.11	0.03	0.01	0.020	0.07	32.9	17.0	0.24	530	1.57	<0.01	0.42
C202914		31.9	3.59	6.88	0.08	<0.02	0.04	0.025	0.05	27.1	21.4	0.42	309	1.39	<0.01	0.88

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06095225

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C330840		32.8	1570	3.5	17.7	<0.001	0.15	6.63	10.1	1.2	0.9	272.0	<0.01	0.02	2.4	0.188
C330841		16.6	430	9.2	11.3	<0.001	<0.01	0.44	1.6	0.2	0.2	6.7	<0.01	0.04	10.0	0.018
C330842		16.9	420	8.9	10.4	<0.001	<0.01	0.42	1.7	0.3	0.2	6.1	<0.01	0.04	11.0	0.015
C330843		24.2	510	10.0	12.4	<0.001	<0.01	0.48	3.0	0.5	0.2	8.0	<0.01	0.05	12.5	0.019
C330844		7.3	140	11.2	13.1	<0.001	<0.01	0.43	1.2	0.2	0.6	5.6	<0.01	0.05	4.4	0.025
C330845		9.8	250	14.4	13.1	<0.001	<0.01	0.65	1.6	0.2	0.6	5.9	<0.01	0.06	3.8	0.041
C202881		20.4	230	10.9	11.4	<0.001	0.01	0.29	2.6	0.3	0.2	9.1	<0.01	0.02	4.9	0.051
C202882		20.0	650	18.7	12.4	<0.001	0.03	0.67	6.0	0.8	0.3	14.1	0.01	0.03	3.7	0.008
C202883		25.4	320	35.2	13.8	<0.001	0.01	0.78	4.5	0.6	0.5	11.5	<0.01	0.04	4.2	0.006
C202884		24.2	530	37.9	13.6	<0.001	0.02	0.88	3.4	0.5	0.5	16.0	<0.01	0.06	3.0	0.007
C202885		36.6	1110	4.6	10.7	<0.001	0.06	0.41	7.1	0.7	0.5	4.7	<0.01	0.11	7.8	0.021
C202886		35.3	990	4.5	13.0	<0.001	0.06	0.39	7.7	0.6	0.4	6.0	<0.01	0.12	7.2	0.024
C202887		34.2	840	4.3	10.4	<0.001	0.07	0.38	6.0	0.7	0.4	6.6	<0.01	0.11	5.5	0.021
C202888		44.6	650	8.8	13.5	<0.001	0.06	0.89	4.3	1.2	0.4	6.3	<0.01	0.23	12.8	0.012
C202889		50.6	1160	10.7	26.8	<0.001	0.11	1.12	6.3	3.4	0.4	11.9	0.01	0.19	9.8	0.009
C202890		41.1	800	10.3	33.0	<0.001	0.02	0.71	7.1	1.2	0.7	3.6	<0.01	0.15	11.1	0.033
C202891		44.0	810	10.8	36.0	<0.001	0.01	0.79	6.8	1.1	0.7	4.1	<0.01	0.18	12.1	0.028
C202892		13.5	880	8.1	22.1	<0.001	0.06	0.63	0.9	0.4	0.7	6.9	<0.01	0.08	0.2	0.020
C202893		55.5	960	6.8	17.0	<0.001	0.05	0.67	13.9	1.0	0.6	7.1	<0.01	0.14	9.7	0.068
C202894		36.7	1020	6.0	31.8	<0.001	0.05	0.44	5.0	0.6	1.0	6.7	<0.01	0.06	3.5	0.054
C202895		38.7	330	6.8	28.4	<0.001	<0.01	0.66	4.3	0.2	1.2	4.3	<0.01	0.06	7.8	0.065
C202896		38.0	960	4.7	24.1	<0.001	0.08	0.60	4.7	1.0	0.8	8.4	<0.01	0.07	4.6	0.056
C202897		26.6	810	7.7	17.7	<0.001	0.04	0.73	1.9	0.5	0.6	4.9	<0.01	0.11	2.1	0.029
C202898		40.9	1310	13.4	22.2	<0.001	0.07	0.87	4.4	0.9	0.5	7.9	<0.01	0.14	7.2	0.014
C202899		63.5	860	15.6	19.6	<0.001	0.04	0.99	5.3	0.9	0.6	10.0	<0.01	0.15	6.1	0.034
C202900		19.3	910	6.6	14.9	<0.001	0.07	0.92	1.1	0.7	0.5	5.2	<0.01	0.19	0.9	0.019
C202901		32.3	840	15.0	15.2	<0.001	0.05	0.88	2.9	0.8	0.6	7.1	0.01	0.12	2.8	0.027
C202902		33.0	970	17.7	24.9	0.001	0.08	1.11	2.4	0.6	0.7	7.6	<0.01	0.16	2.4	0.018
C202903		50.0	690	13.3	19.3	0.001	0.03	1.38	4.1	0.5	0.4	5.4	0.01	0.12	20.4	0.007
C202904		46.2	790	14.9	18.9	0.001	0.04	1.57	3.6	0.4	0.5	8.5	<0.01	0.12	15.2	0.009
C202905		26.0	850	16.8	18.7	<0.001	0.05	2.44	2.9	0.5	0.4	9.2	<0.01	0.09	11.8	0.011
C202906		22.1	890	11.2	18.5	<0.001	0.04	1.85	2.9	0.4	0.3	8.8	<0.01	0.07	11.3	<0.005
C202907		34.3	550	7.5	11.3	<0.001	0.05	3.01	3.6	0.8	0.2	7.4	<0.01	0.12	18.4	<0.005
C202908		23.8	580	22.3	18.5	<0.001	0.04	1.53	2.3	0.6	0.7	8.1	<0.01	0.10	3.5	0.029
C202909		31.0	730	20.0	10.9	<0.001	0.08	1.95	3.7	1.1	0.2	8.7	<0.01	0.12	14.2	<0.005
C202910		34.1	1690	3.6	18.8	0.001	0.18	7.06	9.6	<0.2	1.0	285.0	0.01	0.02	2.4	0.191
C202911		25.6	530	8.9	10.9	<0.001	0.03	2.09	3.1	0.4	<0.2	6.5	<0.01	0.07	34.1	<0.005
C202912		21.0	600	14.2	18.5	<0.001	0.04	1.53	1.8	0.6	0.4	5.2	<0.01	0.14	15.7	0.007
C202913		16.7	370	10.0	8.5	<0.001	<0.01	1.17	1.8	0.3	0.2	4.8	<0.01	0.07	26.1	0.008
C202914		20.2	520	11.9	11.3	<0.001	0.02	0.59	2.1	0.3	0.5	7.1	<0.01	0.12	6.3	0.036

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C330840		0.09	3.92	119	10.20	17.45	146	23.2
C330841		0.06	1.07	23	0.19	4.24	44	1.0
C330842		0.06	1.64	21	0.16	5.01	40	0.8
C330843		0.09	4.25	21	0.17	11.80	53	1.2
C330844		0.09	0.54	43	0.16	2.11	21	0.6
C330845		0.08	0.47	56	0.18	2.03	44	1.0
C202881		0.07	0.88	47	0.08	5.02	36	0.5
C202882		0.10	1.60	26	0.12	21.00	62	0.9
C202883		0.13	0.72	45	0.11	10.40	156	1.8
C202884		0.14	1.29	45	0.13	6.00	112	1.8
C202885		0.07	3.53	43	0.29	12.15	47	1.3
C202886		0.08	3.37	42	0.28	10.40	32	1.1
C202887		0.07	3.80	38	0.31	9.54	38	1.1
C202888		0.07	20.50	21	0.25	12.50	39	3.1
C202889		0.08	107.50	23	0.20	37.10	50	4.8
C202890		0.11	14.35	47	0.33	13.00	63	2.6
C202891		0.11	12.40	43	0.33	11.35	58	2.8
C202892		0.16	2.00	45	0.24	3.66	27	<0.5
C202893		0.81	5.17	107	0.23	15.70	46	1.1
C202894		0.11	5.02	40	0.40	9.10	39	<0.5
C202895		0.06	3.01	53	0.70	3.04	38	0.9
C202896		0.09	5.42	38	0.33	13.70	33	1.3
C202897		0.11	2.47	36	0.32	3.10	32	<0.5
C202898		0.14	4.79	35	0.18	12.00	56	2.2
C202899		0.13	3.96	47	0.22	10.35	76	1.2
C202900		0.09	1.87	36	0.18	3.25	34	<0.5
C202901		0.19	1.95	43	0.25	5.30	50	0.8
C202902		0.20	6.03	43	0.20	7.05	62	<0.5
C202903		0.17	5.92	25	0.11	16.85	45	3.1
C202904		0.15	5.23	28	0.12	14.20	58	1.9
C202905		0.18	5.92	22	0.11	12.85	44	0.6
C202906		0.15	3.31	13	0.07	11.70	27	1.3
C202907		0.11	4.81	7	<0.05	13.35	17	2.7
C202908		0.22	2.47	46	0.21	4.39	65	<0.5
C202909		0.24	7.71	14	<0.05	11.25	40	3.3
C202910		0.11	3.92	124	10.55	16.90	161	15.9
C202911		0.09	10.85	7	0.05	12.75	22	3.1
C202912		0.17	6.29	18	0.09	6.95	40	1.1
C202913		0.07	7.45	10	0.07	7.97	20	0.8
C202914		0.11	1.98	49	0.25	3.22	35	<0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 31-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095225

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C202915		0.48	<0.005	0.04	1.04	10.8	<10	40	0.30	0.51	0.02	0.04	49.80	6.5	12	1.23
C202916		0.52	<0.005	0.02	1.16	9.4	<10	110	0.40	0.50	0.08	0.08	51.80	7.9	12	1.27
C202917		0.50	<0.005	0.07	1.09	10.7	<10	320	0.56	0.39	0.53	0.27	47.30	27.7	20	1.20

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06095225

Sample Description	Method Analyte Units LOR	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
C202915		15.1	2.93	4.57	0.09	0.02	<0.01	0.015	0.04	23.4	12.7	0.36	219	1.24	<0.01	1.29
C202916		13.6	2.70	5.40	0.08	0.02	<0.01	0.019	0.06	25.0	13.9	0.28	335	1.41	<0.01	1.02
C202917		107.0	3.13	4.23	0.10	0.04	0.02	0.023	0.07	22.9	16.8	0.52	5460	1.09	0.01	0.84

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06095225

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C202915		12.5	150	9.4	10.5	<0.001	<0.01	0.64	1.5	<0.2	0.3	3.0	<0.01	0.05	9.9	0.015
C202916		10.2	180	12.0	14.1	<0.001	<0.01	0.49	1.6	<0.2	0.4	5.3	<0.01	0.06	7.9	0.011
C202917		29.8	570	8.4	13.2	<0.001	0.02	0.46	3.2	<0.2	0.3	15.8	<0.01	0.04	8.5	0.032

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06095225

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C202915		0.08	1.20	26	0.21	4.19	31	0.9
C202916		0.13	0.82	30	0.19	3.23	34	0.7
C202917		0.11	1.31	26	0.19	9.32	60	1.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 23-OCT-2006
Account: EIA

CERTIFICATE VA06095221

Project: Werneckes

P.O. No.: FRG06-01

This report is for 184 Soil samples submitted to our lab in Vancouver, BC, Canada on 5-SEP-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
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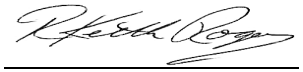
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 23-OCT-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095221

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C202587	0.58	<0.005	0.27	1.16	17.6	<10	90	1.12	2.73	0.35	0.27	42.40	24.2	15	1.28
C202588	0.36	<0.005	0.16	1.23	18.7	<10	60	1.01	1.28	0.44	0.25	44.50	24.8	15	0.74
C202589	0.56	<0.005	0.36	1.23	19.7	<10	130	1.59	1.19	0.54	0.44	52.50	33.2	15	0.94
C202590	0.58	<0.005	0.39	1.26	19.0	<10	150	1.57	1.11	0.59	0.44	49.00	31.9	15	0.92
C202591	0.48	<0.005	0.45	1.39	25.8	<10	170	1.48	1.72	0.73	0.58	57.00	32.0	14	1.00
C202592	0.60	<0.005	0.06	1.21	9.8	<10	60	0.72	1.16	0.12	0.13	46.60	12.3	14	1.22
C202593	0.30	<0.005	0.40	1.87	9.2	<10	200	1.38	1.12	0.79	0.20	29.40	13.3	15	2.93
C202594	0.56	<0.005	0.07	0.69	13.3	<10	70	0.19	1.07	0.04	0.08	32.60	10.6	12	0.95
C202595	0.50	<0.005	0.02	0.50	11.2	<10	50	0.15	0.95	0.03	0.09	39.90	8.4	10	0.61
C202596	0.50	<0.005	0.14	0.98	7.0	<10	80	0.34	0.70	0.05	0.10	40.50	9.3	11	0.79
C202597	0.58	<0.005	0.11	0.92	9.8	<10	50	0.31	0.77	0.02	0.13	28.90	9.2	13	0.92
C202598	0.50	<0.005	0.05	0.88	7.3	<10	80	0.40	0.86	0.09	0.09	48.30	11.6	9	0.68
C202599	0.62	<0.005	0.09	0.86	8.1	<10	80	0.36	0.93	0.12	0.07	39.60	11.5	10	0.80
C202600	0.38	<0.005	0.30	1.36	13.7	<10	150	0.72	1.49	0.16	0.11	31.00	12.5	15	1.79
C203995	0.40	<0.005	0.13	1.03	10.1	<10	90	0.43	0.97	0.06	0.29	34.40	10.7	12	1.39
C203996	0.68	0.007	0.13	1.03	31.6	<10	180	0.87	2.96	0.07	0.22	31.30	59.3	14	2.24
C203997	0.58	0.006	0.06	0.87	9.6	<10	70	0.31	1.10	0.05	0.23	38.30	8.7	11	1.39
C203998	0.58	<0.005	0.07	1.06	6.4	<10	110	0.50	0.65	0.06	0.26	52.60	11.2	11	0.80
C203999	0.46	<0.005	0.19	0.70	11.8	<10	140	0.33	1.13	0.22	0.32	23.30	11.1	11	0.84
C204000	0.50	<0.005	0.11	1.00	10.9	<10	110	0.52	1.28	0.21	0.11	40.50	16.7	10	1.41
C330151	0.50	<0.005	0.05	1.05	15.9	<10	50	0.36	1.53	0.08	0.08	46.20	13.2	13	1.07
C330152	0.48	<0.005	0.09	0.75	23.9	<10	120	0.59	2.19	0.22	0.18	30.10	28.1	10	0.98
C330153	0.62	0.013	0.07	1.33	22.7	<10	100	0.58	4.68	0.17	0.28	26.20	19.3	20	1.64
C330154	0.52	<0.005	0.11	1.54	20.8	<10	70	0.49	1.62	0.05	0.13	32.80	19.3	21	1.41
C330155	0.46	0.008	0.10	1.44	41.8	<10	60	0.51	1.69	0.06	0.11	26.00	13.5	21	2.52
C330156	0.66	0.024	0.19	1.62	143.5	<10	130	1.20	2.88	0.07	0.32	35.40	52.8	22	3.38
C330157	0.68	0.043	0.46	0.94	286.0	<10	250	1.35	6.34	0.26	0.28	30.90	84.8	9	2.79
C330158	0.70	0.389	1.27	0.75	436.0	<10	150	1.19	11.00	0.31	0.26	21.60	110.5	5	2.16
C330159	0.74	0.072	0.19	1.10	44.7	<10	220	0.93	2.05	0.45	0.14	23.80	47.4	14	4.04
C330160	0.60	0.075	0.14	1.03	30.4	<10	200	0.89	1.75	0.43	0.11	21.60	43.7	14	4.03
C330161	0.64	0.181	0.23	0.88	13.2	<10	1130	0.50	3.14	2.24	0.05	36.00	99.7	11	2.11
C330162	0.62	0.148	0.15	0.78	13.6	<10	1200	0.59	2.35	2.08	0.05	34.00	66.3	11	2.60
C330163	0.78	0.034	0.17	0.61	42.3	<10	130	0.65	2.01	1.88	0.11	17.90	36.4	10	1.65
C330164	0.74	0.010	0.20	0.93	41.7	<10	90	1.20	4.42	0.09	0.12	22.10	48.7	10	1.93
C330165	0.64	0.005	0.15	0.39	44.1	<10	40	1.01	1.74	0.70	0.05	22.40	31.1	4	0.86
C330166	0.74	0.012	0.37	0.89	122.0	<10	40	1.11	6.39	0.03	0.09	13.35	101.0	10	1.52
C330167	0.56	0.007	0.20	0.96	66.9	<10	50	1.21	4.22	0.17	0.09	15.45	48.2	11	2.68
C330168	0.68	<0.005	0.10	1.07	44.1	<10	90	1.18	3.17	0.11	0.24	20.20	50.3	13	2.58
C330169	0.54	<0.005	0.06	1.10	25.0	<10	240	0.85	1.72	0.08	0.13	28.00	22.6	17	1.73
C330170	0.60	<0.005	0.05	0.42	13.2	<10	20	0.53	0.93	0.10	0.04	26.40	13.0	6	0.55

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-OCT-2006
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CERTIFICATE OF ANALYSIS VA06095221

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C202587		105.5	4.32	3.24	0.07	0.23	0.05	0.081	0.14	20.2	12.5	0.55	2190	1.47	0.01	0.34
C202588		62.4	4.18	3.13	0.07	0.21	0.06	0.076	0.07	20.2	17.3	0.93	2290	1.98	<0.01	0.10
C202589		92.5	4.62	3.35	0.11	0.43	0.11	0.104	0.09	23.3	16.3	0.86	4580	1.96	<0.01	0.14
C202590		97.8	4.94	3.10	0.10	0.41	0.10	0.112	0.09	22.0	15.2	0.87	5150	1.93	0.01	0.14
C202591		241.0	6.29	3.88	0.11	0.33	0.10	0.167	0.08	23.6	12.6	0.64	7400	1.72	0.01	0.21
C202592		43.2	3.06	3.53	0.05	0.10	0.02	0.035	0.11	21.7	18.7	0.38	466	0.81	<0.01	0.37
C202593		103.5	3.11	3.85	0.06	0.23	0.09	0.042	0.20	20.5	16.4	0.50	1070	0.63	0.01	0.40
C202594		28.9	4.47	4.69	0.09	<0.02	0.04	0.036	0.05	16.3	5.0	0.10	909	0.95	0.01	0.79
C202595		25.9	3.46	4.62	0.08	<0.02	0.03	0.035	0.05	19.8	2.9	0.12	578	1.12	0.01	0.62
C202596		24.0	2.82	3.16	0.08	0.04	0.04	0.028	0.15	19.6	8.1	0.21	768	0.41	0.01	0.39
C202597		26.2	3.15	3.65	0.08	<0.02	0.04	0.037	0.06	14.5	9.5	0.15	501	0.80	0.01	0.66
C202598		30.5	3.11	2.64	0.09	0.05	0.02	0.043	0.10	22.9	6.1	0.20	1045	0.43	0.01	0.25
C202599		35.7	3.05	2.75	0.08	0.05	0.02	0.037	0.10	19.2	6.5	0.23	872	0.50	0.01	0.25
C202600		150.0	3.21	3.52	0.08	0.06	0.05	0.045	0.17	15.5	11.0	0.31	778	0.63	0.01	0.36
C203995		39.9	3.09	3.59	0.07	0.02	0.05	0.042	0.10	16.8	9.7	0.20	711	0.77	0.01	0.43
C203996		132.0	6.08	3.44	0.09	0.02	0.08	0.116	0.05	15.3	12.1	0.22	3630	2.73	0.01	0.36
C203997		26.4	3.02	3.07	0.07	0.03	0.04	0.036	0.08	18.8	9.0	0.20	545	0.57	0.01	0.39
C203998		35.6	2.91	2.92	0.10	0.04	0.03	0.028	0.13	25.1	9.5	0.28	596	0.39	0.01	0.25
C203999		37.9	3.03	3.37	0.06	<0.02	0.05	0.051	0.08	11.9	6.3	0.20	1265	1.25	0.01	0.53
C204000		38.8	3.42	2.72	0.09	0.07	0.05	0.051	0.09	19.4	9.5	0.32	1660	0.63	0.01	0.29
C330151		38.0	3.69	3.35	0.10	0.03	0.02	0.061	0.05	22.5	15.4	0.42	785	1.16	0.01	0.27
C330152		98.5	4.21	2.24	0.08	0.06	0.05	0.087	0.06	14.3	10.3	0.32	2100	1.30	0.01	0.22
C330153		82.0	4.98	4.93	0.09	0.02	0.07	0.077	0.05	13.7	11.1	0.35	2710	24.80	0.01	0.51
C330154		79.8	3.96	4.75	0.08	<0.02	0.05	0.064	0.05	15.9	13.7	0.43	1585	1.94	0.01	0.60
C330155		218.0	3.75	5.42	0.07	<0.02	0.06	0.075	0.05	13.2	11.9	0.32	933	2.18	0.01	0.81
C330156		781.0	8.02	5.24	0.14	0.04	0.08	0.192	0.05	15.8	14.2	0.38	7480	2.65	0.01	0.88
C330157		990.0	12.70	3.23	0.18	0.14	0.05	0.334	0.04	14.9	6.8	0.42	12850	5.15	0.01	0.27
C330158		4140.0	13.00	2.54	0.16	0.16	0.06	0.464	0.06	11.6	4.8	0.35	10650	10.80	0.01	0.11
C330159		222.0	9.78	4.44	0.13	0.14	0.09	0.199	0.14	12.1	13.6	0.57	7610	28.50	0.01	0.21
C330160		142.5	9.30	4.36	0.13	0.12	0.06	0.178	0.15	11.1	14.1	0.55	7110	26.80	0.01	0.22
C330161		371.0	8.81	4.20	0.15	0.07	0.13	0.147	0.11	20.8	16.7	1.21	5980	27.80	0.02	0.25
C330162		492.0	8.11	3.74	0.12	0.07	0.11	0.126	0.13	19.7	17.2	1.01	4160	22.40	0.02	0.32
C330163		323.0	6.29	2.06	0.09	0.21	0.02	0.078	0.10	9.5	6.2	0.99	2720	11.80	0.01	0.05
C330164		378.0	9.64	2.53	0.14	0.11	0.12	0.228	0.04	10.9	12.0	0.53	3590	3.01	0.01	0.12
C330165		111.5	3.45	1.08	0.08	0.27	0.02	0.059	0.04	11.1	5.2	0.49	1285	3.00	0.01	<0.05
C330166		370.0	8.86	2.35	0.13	0.14	0.03	0.182	0.04	7.2	11.9	0.48	1790	4.96	0.01	0.07
C330167		182.5	6.73	2.46	0.10	0.09	0.05	0.156	0.06	9.1	15.8	0.50	1490	2.45	0.01	0.11
C330168		137.5	6.87	3.11	0.10	0.04	0.09	0.141	0.06	11.4	15.9	0.43	2670	2.49	0.01	0.27
C330169		84.3	4.35	3.50	0.08	0.03	0.03	0.077	0.06	13.7	14.8	0.35	1110	2.35	0.01	0.52
C330170		41.0	2.61	1.30	0.07	0.03	0.02	0.036	0.05	13.2	5.3	0.18	743	0.79	0.01	0.07

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095221

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C202587		29.8	700	20.4	13.8	<0.001	0.04	1.85	5.1	0.5	0.2	12.0	<0.01	0.05	7.8	0.016
C202588		28.0	620	43.8	7.7	<0.001	0.06	3.55	3.9	0.3	<0.2	5.9	<0.01	0.06	5.3	0.006
C202589		33.2	1110	47.2	8.3	<0.001	0.09	3.36	5.4	0.8	<0.2	9.0	0.01	0.06	6.4	0.009
C202590		31.9	1150	46.8	7.9	<0.001	0.09	3.19	5.0	0.7	<0.2	9.2	0.01	0.06	5.6	0.009
C202591		29.6	1530	48.8	8.4	<0.001	0.11	4.76	7.7	0.8	0.2	12.9	0.01	0.07	3.8	0.013
C202592		19.4	320	8.3	12.6	<0.001	0.03	1.02	3.1	<0.2	0.2	4.5	<0.01	0.02	9.3	0.010
C202593		30.4	760	9.1	23.2	<0.001	0.08	1.21	4.5	0.9	0.3	17.6	<0.01	0.03	6.9	0.005
C202594		9.2	400	11.4	10.4	<0.001	0.02	1.37	1.3	0.2	0.3	3.6	<0.01	0.05	4.4	0.024
C202595		8.0	250	11.6	11.6	<0.001	0.01	1.56	1.2	<0.2	0.3	3.0	<0.01	0.04	5.6	0.022
C202596		12.7	320	8.7	13.3	<0.001	0.02	1.25	1.6	0.2	0.2	4.5	<0.01	0.02	7.3	0.006
C202597		11.7	420	9.6	8.9	<0.001	0.02	1.07	1.5	0.3	0.3	3.8	<0.01	0.04	3.3	0.018
C202598		11.4	210	8.8	10.9	<0.001	0.01	0.99	1.6	<0.2	0.2	4.9	<0.01	0.03	9.6	0.005
C202599		12.4	250	10.0	11.1	<0.001	0.01	1.28	1.6	<0.2	0.2	6.0	<0.01	0.03	8.3	0.005
C202600		21.1	330	9.8	17.1	<0.001	0.02	1.52	3.0	0.3	0.3	9.6	<0.01	0.04	7.5	0.006
C203995		14.5	380	9.5	14.8	<0.001	0.03	1.16	1.7	0.2	0.3	4.8	<0.01	0.04	5.6	0.009
C203996		44.8	590	13.8	11.9	<0.001	0.05	2.97	3.2	0.7	0.3	6.3	<0.01	0.09	4.3	0.015
C203997		13.0	320	7.8	13.0	<0.001	0.02	1.22	1.4	0.2	0.2	3.5	<0.01	0.03	5.8	0.011
C203998		15.6	210	9.2	12.7	<0.001	0.01	1.34	2.0	<0.2	0.2	3.9	<0.01	0.02	10.6	0.005
C203999		14.4	670	11.3	11.3	<0.001	0.05	2.03	1.5	0.4	0.3	12.5	0.01	0.05	2.1	0.018
C204000		19.4	260	11.6	10.1	<0.001	0.02	1.57	2.8	0.3	0.2	15.4	<0.01	0.03	9.9	0.008
C330151		17.5	280	9.5	6.7	<0.001	0.01	1.70	1.7	<0.2	<0.2	5.1	<0.01	0.03	7.3	0.007
C330152		25.3	580	16.3	5.3	<0.001	0.03	3.01	2.4	0.4	<0.2	12.0	<0.01	0.05	5.0	0.010
C330153		28.0	720	12.0	12.8	<0.001	0.04	1.11	6.0	1.8	0.4	9.0	<0.01	2.36	2.4	0.027
C330154		32.4	450	12.7	9.1	<0.001	0.03	1.38	2.2	0.7	0.4	6.7	<0.01	0.08	2.3	0.033
C330155		25.7	650	16.3	13.2	<0.001	0.06	1.81	2.3	0.8	0.5	7.5	<0.01	0.09	1.5	0.038
C330156		76.2	720	34.3	12.8	<0.001	0.04	3.00	5.8	1.2	0.5	8.7	0.01	0.14	5.4	0.054
C330157		158.0	570	25.9	7.3	<0.001	0.04	4.26	8.2	1.7	0.2	13.5	0.01	0.24	24.0	0.019
C330158		225.0	390	78.6	8.6	<0.001	0.06	2.89	9.7	2.3	0.2	8.3	0.01	0.53	37.8	0.005
C330159		58.8	1020	24.3	27.4	<0.001	0.09	1.80	13.2	1.6	0.4	8.0	0.01	0.44	15.8	0.016
C330160		53.1	990	16.8	27.9	<0.001	0.09	1.67	12.9	1.4	0.4	7.5	0.01	0.45	13.9	0.017
C330161		76.6	1030	11.9	21.0	<0.001	0.30	1.24	15.1	2.1	0.3	26.1	0.01	1.20	11.9	0.016
C330162		53.3	1110	10.7	26.7	<0.001	0.28	1.44	13.5	2.2	0.4	32.2	0.01	0.83	13.0	0.017
C330163		47.5	610	38.8	10.0	<0.001	0.05	1.85	5.1	0.9	0.3	16.8	<0.01	0.19	16.8	0.008
C330164		101.5	370	15.2	5.7	<0.001	0.04	2.35	6.9	1.2	<0.2	4.9	0.01	0.22	25.4	0.007
C330165		50.0	340	15.2	3.3	<0.001	0.03	2.38	3.0	0.6	<0.2	5.8	<0.01	0.06	20.6	<0.005
C330166		196.0	370	14.0	4.4	<0.001	0.04	5.35	4.1	1.6	<0.2	3.4	<0.01	0.24	27.2	<0.005
C330167		114.5	470	29.7	7.0	<0.001	0.04	2.78	4.1	1.2	0.2	6.1	<0.01	0.15	14.8	<0.005
C330168		99.5	830	24.1	9.3	<0.001	0.05	2.24	4.8	1.2	0.2	6.7	<0.01	0.15	10.4	0.014
C330169		47.8	500	16.1	9.1	<0.001	0.03	1.81	3.5	0.4	0.3	8.4	<0.01	0.09	5.5	0.025
C330170		24.4	320	6.8	4.2	<0.001	0.01	0.65	2.2	0.2	<0.2	2.4	<0.01	0.04	9.3	<0.005

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06095221

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C202587		0.19	1.76	21	0.14	14.65	60	4.0
C202588		0.53	1.23	13	0.07	16.00	98	4.0
C202589		0.66	1.60	13	0.11	29.10	110	7.6
C202590		0.67	1.50	14	0.08	28.30	106	7.3
C202591		1.31	1.12	28	0.08	35.70	113	4.9
C202592		0.09	0.93	19	0.07	3.80	34	2.1
C202593		0.11	3.13	16	0.10	18.15	45	4.3
C202594		0.07	0.60	30	0.16	1.89	45	<0.5
C202595		0.08	0.44	28	0.12	2.05	47	0.6
C202596		0.06	0.64	13	0.08	2.62	33	1.1
C202597		0.07	0.57	26	0.12	2.06	37	<0.5
C202598		0.05	0.62	11	0.06	2.80	29	1.9
C202599		0.05	0.68	11	0.06	2.30	32	1.9
C202600		0.08	0.91	16	0.08	5.20	49	1.7
C203995		0.08	0.59	19	0.08	2.19	48	0.7
C203996		0.14	0.92	24	0.15	7.29	54	<0.5
C203997		0.06	0.58	15	0.06	2.12	32	0.9
C203998		0.06	0.77	9	0.06	4.00	30	1.5
C203999		0.06	0.60	26	0.11	2.38	41	<0.5
C204000		0.06	1.60	12	0.06	5.67	32	2.4
C330151		0.04	0.83	14	0.06	3.74	36	1.8
C330152		0.06	1.27	14	0.07	5.78	44	2.2
C330153		0.09	17.65	37	0.22	11.90	66	<0.5
C330154		0.12	1.31	33	0.17	4.87	61	<0.5
C330155		0.14	1.18	43	0.21	5.05	59	<0.5
C330156		0.14	1.94	43	0.21	17.85	80	0.8
C330157		0.18	3.67	16	0.10	35.00	61	6.7
C330158		0.12	6.95	9	0.08	32.90	63	9.3
C330159		0.15	19.15	29	0.20	25.90	45	4.1
C330160		0.16	14.45	30	0.21	24.30	37	3.6
C330161		0.08	25.40	28	0.25	18.25	24	1.7
C330162		0.08	22.70	28	0.25	18.20	27	1.8
C330163		0.05	9.38	25	0.08	9.15	51	12.0
C330164		0.07	2.99	11	0.05	15.00	39	6.7
C330165		0.03	2.07	4	<0.05	8.58	21	16.7
C330166		0.05	2.40	9	<0.05	6.97	29	10.5
C330167		0.06	1.40	10	<0.05	8.54	33	3.5
C330168		0.13	1.45	18	0.07	8.16	42	1.6
C330169		0.07	1.31	29	0.14	5.47	50	0.8
C330170		0.02	0.70	6	<0.05	5.09	15	1.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06095221

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C330171		0.62	<0.005	0.05	0.59	15.0	<10	60	0.66	0.98	0.02	0.05	35.80	14.3	7	0.84
C330172		0.48	0.020	0.15	0.33	19.1	<10	3430	0.54	1.95	0.39	0.07	45.60	19.6	8	0.84
C330173		0.56	0.011	0.16	1.15	14.1	<10	1920	0.99	1.13	1.03	0.19	32.10	19.8	16	1.00
C330174		0.42	0.055	0.25	0.82	10.8	<10	1500	0.80	0.79	1.93	0.19	17.15	12.7	10	0.81
C330175		0.46	0.007	0.17	0.99	14.7	<10	2030	1.04	1.37	1.39	0.19	24.70	18.7	11	0.91
C330176		0.42	0.026	0.17	0.79	13.8	<10	2280	0.82	1.03	1.39	0.16	20.20	24.4	10	0.57
C330177		0.36	0.008	0.23	0.70	87.8	<10	1920	0.62	3.60	1.58	0.29	16.25	61.8	7	0.46
C330178		0.72	0.051	0.28	0.51	53.3	<10	1090	0.51	5.36	7.16	0.11	14.40	43.3	5	0.72
C330179		0.40	<0.005	0.20	1.37	53.5	<10	1190	1.05	3.25	1.14	0.30	18.70	19.5	13	0.92
C330180		0.16	0.062	1.15	4.41	34	20	470	0.75	0.06	14.65	0.03	20.00	46.5	55	1.89
C330181		0.50	<0.005	0.12	1.25	9.7	<10	300	1.24	0.70	3.14	0.33	32.80	13.5	12	0.96
C330182		0.58	<0.005	0.16	1.45	17.6	<10	250	1.35	1.02	0.57	0.30	34.80	24.3	17	1.15
C330183		0.56	<0.005	0.12	0.72	7.2	<10	200	0.78	0.48	6.87	0.22	18.95	9.4	8	0.82
C330184		0.58	<0.005	0.23	1.28	16.5	<10	470	1.33	1.72	1.79	0.34	24.40	14.2	14	1.67
C330185		0.60	<0.005	0.15	1.53	10.0	<10	410	1.26	0.65	2.11	0.29	24.80	11.8	16	1.29
C330186		0.42	<0.005	0.02	0.87	7.2	<10	120	0.26	0.45	0.11	0.07	35.10	4.6	14	1.15
C330187		0.48	<0.005	0.03	0.98	7.0	<10	150	0.25	0.33	0.13	0.08	34.30	4.8	14	1.16
C330188		0.44	<0.005	0.01	0.87	4.6	<10	130	0.23	0.29	0.10	0.03	42.30	3.6	12	1.16
C330189		0.62	<0.005	0.02	1.03	5.8	<10	120	0.34	0.40	0.09	0.14	36.00	6.8	15	1.53
C330190		0.54	<0.005	0.01	1.08	9.2	<10	60	0.55	0.43	0.04	0.04	40.90	9.3	19	1.21
C330191		0.46	<0.005	0.10	1.86	10.4	<10	260	1.05	0.50	0.12	0.18	47.80	18.2	23	1.87
C330192		0.44	<0.005	0.24	1.19	11.5	<10	170	0.94	0.28	0.90	0.23	22.30	11.4	15	0.95
C330193		0.52	<0.005	0.18	1.00	9.8	<10	60	0.80	0.23	6.39	0.40	23.60	10.1	12	0.81
C330194		0.38	<0.005	0.18	1.23	10.9	<10	120	0.90	0.24	2.24	0.49	20.30	10.4	15	0.72
C330195		0.44	<0.005	0.15	1.31	11.2	<10	120	0.99	0.29	3.00	0.43	26.30	12.9	15	0.73
C330196		0.56	<0.005	0.15	0.75	8.4	<10	70	0.58	0.18	8.88	0.26	17.10	8.7	10	0.89
C330197		0.46	<0.005	0.22	1.06	11.5	<10	180	0.87	0.31	3.82	0.32	24.60	11.6	14	0.98
C330198		0.48	<0.005	0.10	1.61	12.6	<10	280	1.37	0.47	1.75	0.26	51.20	13.6	23	1.18
C330199		0.44	0.035	0.23	1.02	10.1	<10	410	0.80	0.37	4.41	0.44	24.50	9.9	13	1.04
C330200		0.48	0.010	0.19	0.97	11.3	<10	340	0.77	0.38	5.66	0.42	25.40	9.8	12	0.99
C330201		0.54	<0.005	0.22	0.96	9.1	<10	140	0.70	0.17	6.16	0.35	16.55	9.4	12	0.87
C330202		0.42	<0.005	0.25	1.55	9.8	<10	340	0.90	0.34	2.46	0.77	30.90	13.0	19	0.93
C330203		0.46	<0.005	0.16	1.41	11.0	<10	200	0.97	0.28	2.67	0.39	22.80	10.3	17	0.86
C330204		0.52	<0.005	0.09	1.84	11.3	<10	440	1.21	0.38	0.69	0.39	29.20	10.7	22	0.99
C330205		0.44	<0.005	0.08	1.72	11.5	<10	120	1.17	0.35	2.15	0.55	40.80	13.5	20	0.85
C330206		0.44	<0.005	0.18	1.27	11.3	<10	130	1.01	0.28	3.93	0.56	29.50	13.2	14	0.89
C330207		0.60	0.008	0.13	1.30	35.2	<10	180	1.97	0.86	0.14	0.29	50.00	79.1	19	1.78
C330208		0.60	0.006	0.31	0.96	122.0	<10	50	2.66	5.83	0.14	0.17	23.60	338.0	10	3.36
C330209		0.66	0.016	0.22	1.24	60.7	<10	180	1.75	1.67	0.27	0.11	44.60	117.5	22	1.75
C330210		0.70	0.008	0.19	1.02	23.2	<10	120	0.46	0.95	1.37	0.06	32.80	134.0	36	0.69

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095221

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C330171		49.3	3.14	1.81	0.07	0.02	0.02	0.042	0.06	17.7	6.1	0.16	1125	0.98	0.01	0.19
C330172		132.0	5.78	1.32	0.13	0.05	0.35	0.143	0.10	25.2	2.3	0.16	3540	3.92	0.01	0.22
C330173		63.4	4.68	3.40	0.09	0.08	0.14	0.111	0.09	16.4	12.0	0.57	2570	3.23	0.02	0.37
C330174		63.8	3.14	2.59	0.06	0.09	0.35	0.084	0.09	8.8	8.5	0.57	1480	2.39	<0.01	0.28
C330175		71.8	4.26	3.06	0.08	0.10	0.20	0.117	0.11	11.7	10.3	0.62	2270	2.96	<0.01	0.28
C330176		58.3	4.69	2.40	0.07	0.09	0.28	0.154	0.08	9.8	6.8	0.43	3090	5.87	<0.01	0.25
C330177		388.0	9.10	2.29	0.10	0.11	0.16	0.282	0.05	6.6	4.6	0.38	8360	4.79	<0.01	0.23
C330178		374.0	10.70	1.66	0.13	0.10	0.09	0.362	0.07	5.0	3.9	2.54	7390	12.80	<0.01	0.19
C330179		127.0	7.65	4.11	0.09	0.12	0.08	0.398	0.08	9.4	10.5	0.51	4550	3.80	<0.01	0.40
C330180		2430.0	15.75	14.80	0.29	0.41	0.02	0.470	0.41	13.2	24.9	2.41	2990	6.05	0.11	0.25
C330181		26.8	3.55	3.58	0.08	0.10	0.05	0.063	0.10	14.1	13.5	1.96	1640	0.90	<0.01	0.27
C330182		29.0	3.76	4.42	0.08	0.10	0.05	0.070	0.10	14.9	15.2	0.54	1440	0.92	<0.01	0.48
C330183		23.3	2.16	2.14	0.05	0.07	0.04	0.038	0.08	8.4	8.9	4.27	750	0.68	<0.01	0.18
C330184		48.8	3.88	3.57	0.07	0.11	0.07	0.117	0.12	11.3	13.0	1.14	1590	1.53	<0.01	0.29
C330185		28.7	3.27	4.46	0.07	0.09	0.06	0.060	0.09	11.9	15.9	1.29	959	0.94	<0.01	0.41
C330186		7.7	2.86	5.75	0.06	0.02	0.01	0.020	0.04	17.0	11.0	0.16	188	1.06	<0.01	1.13
C330187		6.9	2.73	6.15	0.06	0.02	0.01	0.018	0.04	16.7	9.6	0.14	178	1.20	<0.01	1.14
C330188		5.0	2.27	4.97	0.06	<0.02	0.01	0.014	0.04	21.4	8.3	0.11	125	0.92	<0.01	0.84
C330189		9.4	2.97	6.26	0.06	0.02	0.02	0.025	0.04	17.4	10.9	0.17	246	0.87	<0.01	0.98
C330190		12.9	3.80	3.83	0.07	0.04	0.01	0.034	0.05	20.2	23.0	0.33	276	0.87	<0.01	0.84
C330191		19.3	3.80	5.04	0.07	0.05	0.04	0.054	0.07	19.0	20.8	0.40	778	0.93	<0.01	0.96
C330192		26.8	3.27	3.70	0.06	0.09	0.11	0.041	0.09	10.1	14.3	0.50	623	0.77	<0.01	0.20
C330193		21.2	2.68	3.10	0.06	0.09	0.08	0.039	0.08	11.4	11.9	4.03	779	0.79	<0.01	0.16
C330194		19.4	3.13	3.75	0.06	0.10	0.07	0.039	0.09	9.5	15.1	1.36	556	0.74	<0.01	0.24
C330195		25.3	3.09	4.02	0.07	0.12	0.07	0.041	0.13	11.6	15.2	1.87	786	0.86	<0.01	0.26
C330196		18.6	2.21	2.27	0.06	0.07	0.07	0.026	0.09	7.6	10.5	5.55	490	0.60	<0.01	0.16
C330197		36.8	3.00	3.34	0.06	0.09	0.11	0.039	0.11	11.4	13.9	2.39	659	0.89	<0.01	0.20
C330198		32.6	3.27	5.23	0.08	0.14	0.08	0.057	0.20	25.2	22.7	1.68	1090	1.55	<0.01	0.26
C330199		31.9	2.97	3.08	0.07	0.05	0.10	0.052	0.07	11.6	10.8	2.17	1100	1.54	<0.01	0.23
C330200		26.9	2.99	2.91	0.07	0.06	0.11	0.055	0.06	12.1	10.2	3.17	1150	1.46	<0.01	0.22
C330201		19.8	2.51	2.79	0.06	0.08	0.09	0.030	0.08	7.8	13.0	3.86	500	0.64	<0.01	0.17
C330202		18.4	3.37	5.04	0.07	0.09	0.11	0.057	0.07	13.0	16.5	1.52	1900	0.93	<0.01	0.42
C330203		18.1	3.42	4.23	0.07	0.11	0.06	0.049	0.09	11.9	16.1	1.73	636	0.84	<0.01	0.30
C330204		20.5	4.01	5.81	0.08	0.12	0.09	0.069	0.09	15.8	21.4	0.61	576	1.03	<0.01	0.51
C330205		14.0	4.17	5.13	0.09	0.10	0.08	0.064	0.11	18.4	15.7	1.52	1600	0.95	<0.01	0.49
C330206		19.4	3.38	3.80	0.08	0.12	0.07	0.053	0.11	12.7	14.1	2.21	1300	0.86	<0.01	0.27
C330207		505.0	6.85	5.80	0.12	0.12	0.05	0.110	0.06	23.8	14.0	0.89	3640	5.23	<0.01	0.20
C330208		108.0	6.62	2.47	0.09	0.17	0.04	0.109	0.07	10.8	9.2	0.48	3300	19.75	0.01	0.08
C330209		424.0	7.03	6.32	0.13	0.16	0.06	0.114	0.06	22.1	11.9	0.88	3060	22.80	<0.01	0.13
C330210		126.0	6.21	4.62	0.13	0.21	0.07	0.088	0.03	16.0	8.2	1.33	2830	14.55	0.02	0.10

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095221

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C330171		26.5	210	8.4	6.0	<0.001	0.01	0.87	2.8	0.3	0.2	2.3	<0.01	0.04	9.6	0.007
C330172		15.5	620	6.9	8.4	<0.001	0.11	0.84	4.1	0.7	0.3	64.8	<0.01	0.13	8.1	0.013
C330173		22.6	700	23.4	10.7	<0.001	0.09	0.86	6.6	0.8	0.4	34.3	0.01	0.11	4.1	0.013
C330174		17.8	860	16.7	9.1	<0.001	0.12	0.71	3.9	1.5	0.3	32.1	<0.01	0.14	1.8	0.008
C330175		21.4	610	19.3	9.8	<0.001	0.08	0.74	4.5	1.2	0.4	35.8	<0.01	0.09	3.5	0.008
C330176		20.2	590	16.3	8.4	<0.001	0.08	0.60	4.8	1.5	0.3	40.9	<0.01	0.16	3.2	0.007
C330177		43.6	700	18.5	4.9	<0.001	0.10	0.84	3.7	1.2	0.2	59.9	0.01	0.08	1.9	0.007
C330178		30.4	340	13.8	5.0	<0.001	0.26	0.75	3.0	1.3	0.3	55.6	0.01	0.09	2.1	0.006
C330179		23.1	560	25.0	9.7	<0.001	0.06	0.93	5.0	1.3	0.4	39.6	0.01	0.08	2.7	0.009
C330180		30.4	1700	3.5	16.7	<0.001	0.19	5.28	10.2	1.3	1.0	280.0	0.02	0.01	2.5	0.159
C330181		15.8	520	40.9	9.7	<0.001	0.04	0.67	5.2	0.9	0.4	12.9	<0.01	0.04	2.4	0.007
C330182		19.9	350	34.2	11.2	<0.001	0.02	0.70	5.4	0.8	0.5	9.0	<0.01	0.04	4.0	0.012
C330183		11.6	490	23.0	6.4	<0.001	0.03	0.52	3.0	0.6	0.3	20.9	<0.01	0.02	1.7	0.005
C330184		20.1	830	34.3	15.1	<0.001	0.06	0.76	4.3	1.3	0.4	21.5	<0.01	0.05	2.3	0.008
C330185		18.4	710	33.7	10.5	<0.001	0.04	0.67	4.4	0.8	0.5	13.6	<0.01	0.04	1.9	0.009
C330186		7.6	120	9.3	12.6	<0.001	<0.01	0.49	1.6	0.3	0.6	5.8	<0.01	0.04	4.2	0.030
C330187		7.1	160	10.5	12.5	<0.001	<0.01	0.49	1.7	0.3	0.7	6.1	<0.01	0.04	4.1	0.027
C330188		5.3	110	8.4	10.3	<0.001	<0.01	0.38	1.4	0.2	0.6	4.7	<0.01	0.03	4.2	0.023
C330189		7.3	220	8.9	13.3	<0.001	<0.01	0.44	1.7	0.2	0.7	4.1	<0.01	0.04	5.1	0.026
C330190		14.2	190	11.8	13.5	<0.001	<0.01	0.65	1.6	0.3	0.4	2.7	<0.01	0.04	7.7	0.016
C330191		23.5	450	15.8	14.1	<0.001	<0.01	0.71	3.2	0.5	0.6	4.6	<0.01	0.05	9.8	0.020
C330192		20.2	660	85.6	8.9	<0.001	0.05	1.10	3.8	0.8	0.4	9.7	<0.01	0.03	1.2	<0.005
C330193		18.0	640	67.4	8.0	<0.001	0.04	0.89	4.7	0.8	0.3	21.4	<0.01	0.03	1.4	<0.005
C330194		19.1	580	83.4	9.1	<0.001	0.03	0.94	4.4	0.7	0.4	12.3	<0.01	0.03	1.7	<0.005
C330195		21.1	410	92.4	11.0	<0.001	0.02	1.13	5.4	0.7	0.4	15.6	<0.01	0.03	3.1	<0.005
C330196		15.2	630	55.5	6.2	<0.001	0.03	0.92	3.5	0.6	0.3	27.8	<0.01	0.02	2.3	0.005
C330197		20.4	590	79.1	8.0	<0.001	0.03	1.10	4.7	0.8	0.4	17.8	<0.01	0.04	2.1	0.005
C330198		30.3	350	48.7	14.3	<0.001	0.02	1.02	8.3	1.0	0.5	11.1	<0.01	0.05	6.1	0.007
C330199		15.7	1060	62.5	8.2	<0.001	0.09	1.04	3.2	1.2	0.3	31.4	<0.01	0.04	0.6	0.007
C330200		15.8	990	62.8	7.4	<0.001	0.07	1.17	3.7	1.1	0.3	29.2	<0.01	0.03	0.8	0.007
C330201		15.9	670	80.2	6.7	<0.001	0.02	0.84	4.1	0.6	0.3	22.3	<0.01	0.02	1.8	<0.005
C330202		18.4	570	73.6	9.4	<0.001	0.02	0.82	5.8	0.8	0.6	13.8	<0.01	0.04	2.4	0.009
C330203		17.8	600	71.9	10.5	<0.001	0.02	0.85	5.9	0.7	0.5	11.9	<0.01	0.04	2.1	0.006
C330204		20.2	380	64.9	9.3	<0.001	0.01	0.87	7.7	0.9	0.7	10.6	<0.01	0.04	3.4	0.008
C330205		20.8	420	78.2	11.8	<0.001	0.02	0.84	8.1	0.9	0.6	10.7	<0.01	0.05	2.9	0.010
C330206		18.6	610	97.9	11.3	<0.001	0.04	0.94	5.9	0.9	0.4	18.4	<0.01	0.05	1.7	0.007
C330207		60.8	700	33.5	6.7	<0.001	0.01	1.22	11.9	1.2	0.3	6.6	0.01	0.07	23.7	0.023
C330208		194.5	760	23.9	6.1	<0.001	0.15	2.95	11.1	1.2	0.2	19.0	0.01	0.08	52.7	<0.005
C330209		85.0	880	11.0	5.7	<0.001	0.06	1.48	23.2	1.5	0.4	10.2	<0.01	0.27	21.9	0.014
C330210		76.7	1100	6.2	2.1	<0.001	0.10	0.80	20.3	1.5	0.6	10.0	0.01	0.35	16.9	0.026

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C330171		0.04	0.84	10	0.05	7.31	21	1.0
C330172		0.06	5.72	17	0.33	7.02	21	1.8
C330173		0.14	2.28	28	0.27	13.20	80	1.7
C330174		0.12	3.50	16	0.17	10.80	76	1.7
C330175		0.18	2.11	19	0.22	12.20	70	1.9
C330176		0.13	3.44	17	0.16	12.25	58	1.6
C330177		0.91	2.71	15	0.09	13.15	79	2.1
C330178		2.93	2.79	14	0.09	16.95	48	2.0
C330179		0.49	2.20	26	0.12	17.40	114	2.1
C330180		0.11	3.88	120	14.30	19.10	158	16.2
C330181		0.13	0.96	23	0.15	15.55	131	1.8
C330182		0.13	1.06	30	0.12	12.95	114	1.8
C330183		0.08	0.85	13	0.06	8.52	89	1.4
C330184		0.17	1.27	22	0.10	13.55	140	1.9
C330185		0.12	0.79	28	0.11	12.15	133	1.6
C330186		0.12	0.49	38	0.21	1.97	23	0.6
C330187		0.15	0.51	43	0.22	2.09	24	0.5
C330188		0.12	0.48	33	0.19	1.93	16	<0.5
C330189		0.13	0.58	35	0.20	2.24	20	0.6
C330190		0.08	0.76	23	0.25	2.41	23	1.2
C330191		0.14	1.02	30	3.94	5.21	45	1.1
C330192		0.12	1.04	22	0.10	10.90	188	1.4
C330193		0.11	0.58	19	0.09	14.80	125	1.4
C330194		0.12	0.55	23	0.10	10.00	190	1.8
C330195		0.13	0.62	23	0.11	11.15	163	2.3
C330196		0.08	0.63	14	0.10	8.10	132	1.5
C330197		0.12	0.91	21	1.33	11.25	165	1.6
C330198		0.21	1.09	30	0.14	19.00	113	2.6
C330199		0.11	4.53	23	0.11	13.35	172	0.7
C330200		0.10	2.69	22	0.11	14.20	157	0.8
C330201		0.11	0.72	17	0.07	9.35	156	1.6
C330202		0.13	0.84	34	0.13	13.00	157	1.5
C330203		0.14	0.96	28	0.11	13.90	168	1.7
C330204		0.17	0.97	39	0.14	15.45	223	1.9
C330205		0.16	0.83	40	0.16	23.60	171	1.5
C330206		0.16	0.59	26	0.12	17.05	176	2.0
C330207		0.10	6.61	75	0.14	26.80	147	3.7
C330208		0.21	6.60	19	0.09	25.40	76	7.0
C330209		0.08	11.35	96	0.30	18.65	77	6.0
C330210		0.02	7.00	101	0.55	13.15	39	11.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C330211		0.72	<0.005	0.41	1.30	144.0	<10	70	1.91	4.32	0.11	0.40	20.20	354.0	10	3.68
C330212		0.72	0.006	0.42	1.01	171.5	<10	50	1.66	4.18	0.13	0.16	14.60	321.0	10	2.94
C330213		0.70	0.005	0.29	0.95	78.5	<10	40	2.58	2.81	0.04	0.10	29.90	86.0	7	1.37
C330214		0.66	0.007	0.21	1.15	57.1	<10	50	2.75	1.77	0.06	0.17	41.50	102.0	9	1.60
C330215		0.68	<0.005	0.05	2.37	18.5	<10	50	1.32	0.48	0.04	0.18	26.30	29.9	11	1.84
C330216		0.72	<0.005	0.17	1.37	42.8	<10	60	1.61	1.36	0.05	0.14	28.40	39.3	8	1.60
C330217		0.72	<0.005	0.09	0.67	49.9	<10	50	1.77	2.08	0.02	0.19	23.70	71.2	6	2.72
C330218		0.68	<0.005	0.08	0.75	51.0	<10	60	1.31	1.64	0.06	0.18	19.20	41.3	7	3.06
C330219		0.62	<0.005	0.17	1.02	89.0	<10	70	2.25	5.45	0.04	0.15	24.90	75.3	9	6.81
C330220		0.66	<0.005	0.15	1.05	86.2	<10	70	1.80	2.30	0.05	0.14	25.30	73.7	10	7.12
C330221		0.66	0.011	0.13	1.00	97.9	<10	220	2.79	3.11	0.08	0.24	23.70	67.2	12	6.15
C330222		0.78	<0.005	0.17	0.80	93.0	<10	390	2.25	2.86	0.06	0.25	42.90	81.6	9	3.44
C330223		0.72	<0.005	0.10	1.09	77.7	<10	150	1.98	2.26	0.06	0.33	35.70	85.3	11	2.51
C330224		0.86	<0.005	0.10	1.06	79.5	<10	110	2.70	2.25	0.03	0.22	33.80	72.2	11	3.00
C330225		0.72	0.005	0.29	1.07	241.0	<10	90	4.13	3.70	0.17	0.31	26.00	140.5	9	6.57
C330226		0.70	0.012	0.44	0.89	301.0	<10	100	2.98	6.07	0.06	0.27	21.40	143.5	8	4.95
C330227		0.88	<0.005	0.13	0.97	69.7	<10	70	2.32	3.15	0.03	0.14	43.70	84.2	8	2.54
C330228		0.74	<0.005	0.13	1.23	74.9	<10	100	2.75	5.39	0.04	0.26	25.40	81.5	14	6.18
C330229		0.92	<0.005	0.08	1.23	70.8	<10	70	2.92	3.41	0.05	0.17	49.80	76.6	12	3.07
C330230		0.76	0.015	0.24	1.03	124.5	<10	110	1.72	7.31	0.13	0.09	56.20	104.5	11	1.31
C330231		0.78	0.012	0.26	0.76	229.0	<10	200	1.82	5.73	0.21	0.10	52.00	121.0	11	1.71
C330232		0.42	0.014	0.29	0.25	185.5	<10	120	0.40	10.55	0.33	0.11	14.55	115.5	3	0.58
C330233		0.64	0.012	0.16	0.44	59.8	<10	170	0.57	7.32	0.20	0.11	56.60	58.2	8	1.15
C330234		0.64	0.014	0.16	0.40	42.1	<10	550	0.37	3.21	1.17	0.16	35.10	46.5	6	1.00
C330235		0.66	0.015	0.17	0.71	67.7	<10	250	0.56	6.25	0.32	0.26	53.90	75.3	10	1.53
C330236		0.78	0.014	0.08	0.89	16.2	<10	230	0.68	1.36	0.21	0.24	52.10	50.1	12	1.31
C330237		0.48	<0.005	0.06	0.92	12.2	<10	230	0.76	0.88	1.00	0.32	42.00	49.6	11	0.55
C330238		0.52	0.009	0.07	0.99	15.8	<10	390	0.76	0.99	0.44	0.30	78.30	44.3	14	0.91
C330239		0.48	0.009	0.08	0.77	24.0	<10	540	0.91	2.46	0.78	0.17	65.10	39.5	13	1.23
C330240		0.12	0.052	1.21	4.99	30	20	500	0.59	0.03	15.15	0.03	22.20	47.2	58	1.94
C330241		0.44	0.016	0.21	1.16	45.8	<10	340	0.77	5.02	0.48	0.34	48.10	58.3	17	1.45
C330242		0.62	0.025	0.06	0.42	74.6	<10	320	0.47	4.12	0.35	0.07	66.20	83.6	10	0.55
C330243		0.42	<0.005	0.22	1.37	28.7	<10	160	1.14	2.30	0.21	0.21	45.80	27.9	18	1.84
C330244		0.90	<0.005	0.14	1.57	29.8	<10	320	1.19	2.10	0.08	0.23	49.20	37.3	19	1.54
C330245		0.78	0.008	0.19	1.48	23.4	<10	640	1.18	1.89	0.09	0.35	51.10	37.5	19	1.45
C330246		0.62	<0.005	0.14	1.52	24.5	<10	140	0.72	1.71	0.05	0.20	34.00	21.7	20	1.40
C330247		0.60	<0.005	0.13	1.39	31.6	<10	130	0.74	2.30	0.03	0.10	50.30	19.7	15	1.13
C330248		0.76	<0.005	0.19	1.27	27.6	<10	470	1.57	2.08	0.04	0.35	49.30	51.7	12	2.06
C330249		0.72	0.011	0.43	1.39	28.5	<10	560	1.86	2.56	0.06	0.25	50.20	55.0	12	1.42
C330250		0.82	0.008	0.47	1.25	27.7	<10	990	1.40	2.89	0.06	0.40	51.50	46.0	11	1.33

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095221

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C330211		387.0	12.45	3.31	0.14	0.19	0.03	0.519	0.05	7.1	9.9	0.42	8520	4.80	0.02	0.13
C330212		325.0	8.24	2.52	0.10	0.16	0.06	0.170	0.05	5.5	7.6	0.42	4070	3.83	0.02	0.11
C330213		1360.0	7.47	2.48	0.11	0.17	0.03	0.151	0.05	13.4	6.9	0.30	3850	6.80	0.02	0.08
C330214		1040.0	6.56	3.04	0.10	0.11	0.03	0.157	0.06	18.6	11.5	0.51	3640	6.99	0.01	0.13
C330215		133.5	6.09	4.03	0.11	0.12	0.03	0.368	0.03	11.9	32.1	2.29	4930	3.01	0.01	0.09
C330216		533.0	6.62	2.93	0.10	0.10	0.04	0.164	0.05	12.4	18.0	0.87	3310	4.96	0.01	0.11
C330217		351.0	4.01	1.89	0.07	0.08	0.03	0.092	0.04	9.3	7.1	0.22	1870	3.74	0.01	0.14
C330218		269.0	3.81	1.88	0.06	0.05	0.04	0.077	0.04	7.9	9.6	0.38	1995	1.94	0.01	0.14
C330219		410.0	4.77	3.10	0.08	0.05	0.07	0.101	0.05	9.4	8.5	0.22	2240	3.69	0.01	0.22
C330220		384.0	4.90	3.32	0.08	0.03	0.08	0.103	0.06	10.6	7.2	0.21	2390	3.67	0.01	0.20
C330221		713.0	6.91	3.05	0.11	0.04	0.05	0.180	0.06	11.4	10.1	0.23	3890	4.98	0.01	0.27
C330222		741.0	7.26	2.62	0.11	0.05	0.06	0.169	0.06	18.6	7.1	0.17	4490	8.08	0.01	0.24
C330223		452.0	6.30	3.14	0.10	0.05	0.04	0.131	0.06	15.1	10.8	0.35	3830	5.80	0.01	0.25
C330224		498.0	7.69	3.20	0.11	0.09	0.05	0.165	0.06	14.9	8.8	0.28	4380	3.73	0.01	0.20
C330225		1300.0	7.08	3.62	0.13	0.10	0.07	0.251	0.07	11.6	13.0	0.37	3570	10.65	0.01	0.25
C330226		1280.0	9.16	2.80	0.13	0.08	0.07	0.229	0.06	8.5	7.8	0.26	5040	6.50	0.01	0.20
C330227		385.0	5.21	2.66	0.09	0.07	0.03	0.082	0.07	20.6	9.8	0.48	2500	5.42	0.01	0.12
C330228		370.0	7.09	3.90	0.12	0.05	0.04	0.125	0.08	11.7	13.3	0.31	3330	6.63	0.02	0.33
C330229		159.5	7.37	4.02	0.13	0.06	0.04	0.147	0.07	22.9	12.5	0.32	3980	4.94	<0.01	0.16
C330230		300.0	8.45	3.13	0.15	0.09	0.05	0.108	0.07	26.7	8.1	0.37	4430	13.65	0.01	0.16
C330231		270.0	7.89	2.95	0.16	0.08	0.07	0.091	0.09	26.3	7.7	0.36	4180	13.75	0.01	0.20
C330232		151.5	8.67	1.02	0.09	0.09	0.03	0.054	0.03	6.3	1.0	0.13	4920	9.02	0.01	0.11
C330233		148.0	6.31	2.33	0.12	0.08	0.05	0.058	0.05	29.6	3.5	0.25	4420	8.20	<0.01	0.19
C330234		290.0	14.20	1.92	0.17	0.12	0.06	0.317	0.05	17.1	2.0	0.67	15350	5.02	0.01	0.17
C330235		356.0	9.21	3.32	0.15	0.10	0.07	0.164	0.06	28.4	4.2	0.38	7950	6.82	0.02	0.21
C330236		356.0	4.58	3.57	0.10	0.08	0.05	0.063	0.04	26.2	6.1	0.33	3900	5.41	0.01	0.19
C330237		33.7	5.32	2.95	0.10	0.09	0.07	0.091	0.05	20.8	3.9	0.17	6460	19.05	0.01	0.18
C330238		83.9	8.94	3.35	0.16	0.10	0.07	0.138	0.06	43.1	3.5	0.24	10850	14.35	0.01	0.17
C330239		77.5	5.41	2.65	0.12	0.11	0.07	0.084	0.07	40.6	3.5	0.16	4320	5.66	0.01	0.15
C330240		2820.0	18.00	13.45	0.30	0.37	0.02	0.504	0.45	14.5	17.7	2.33	3080	6.10	0.13	0.17
C330241		402.0	8.53	4.55	0.14	0.12	0.09	0.175	0.06	26.8	5.4	0.47	8270	12.40	0.01	0.22
C330242		308.0	4.07	1.81	0.10	0.07	0.03	0.063	0.06	34.6	2.6	0.15	3510	8.07	0.01	0.12
C330243		132.0	5.05	4.01	0.10	0.08	0.05	0.117	0.07	21.5	15.5	0.71	2230	2.18	0.02	0.49
C330244		155.5	4.79	4.37	0.11	0.06	0.06	0.127	0.07	22.6	18.2	0.80	2600	2.29	0.01	0.32
C330245		168.5	4.67	4.08	0.11	0.06	0.05	0.113	0.05	23.6	17.1	0.73	2860	2.48	0.01	0.35
C330246		59.9	4.54	6.12	0.09	0.02	0.08	0.118	0.05	15.8	15.3	0.34	1625	1.82	0.01	0.63
C330247		113.0	4.10	3.98	0.11	0.05	0.07	0.085	0.06	23.6	14.8	0.46	1075	1.67	<0.01	0.44
C330248		235.0	7.42	3.81	0.14	0.06	0.09	0.190	0.06	22.1	12.2	0.50	5110	2.98	0.01	0.28
C330249		357.0	7.86	3.71	0.16	0.14	0.11	0.249	0.06	23.9	14.5	0.67	4560	3.26	0.01	0.07
C330250		353.0	7.89	3.36	0.16	0.18	0.08	0.235	0.06	23.1	12.1	0.68	4420	3.96	0.01	0.08

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C330211		229.0	1150	45.8	4.5	<0.001	0.08	5.37	12.8	0.8	0.2	16.5	0.01	0.11	64.8	<0.005
C330212		181.5	760	36.8	4.4	<0.001	0.12	4.14	8.3	0.9	0.2	8.8	0.01	0.09	47.9	<0.005
C330213		100.0	650	12.3	3.9	<0.001	0.05	2.37	4.4	0.9	0.2	6.1	0.01	0.33	35.5	<0.005
C330214		76.8	750	14.6	5.4	<0.001	0.03	1.83	4.9	1.0	0.2	6.7	0.01	0.30	36.2	0.007
C330215		35.7	350	9.3	3.7	<0.001	0.01	1.59	5.2	0.4	0.2	5.3	<0.01	0.13	49.8	0.006
C330216		48.6	430	12.9	4.1	<0.001	0.02	2.07	4.2	0.7	<0.2	6.0	<0.01	0.25	29.7	0.006
C330217		53.5	490	12.6	5.0	<0.001	0.03	2.70	3.2	0.6	0.2	6.6	<0.01	0.22	32.6	0.007
C330218		41.3	520	24.3	4.6	<0.001	0.02	1.90	3.0	0.4	0.2	7.6	<0.01	0.14	21.4	0.006
C330219		52.0	860	18.5	9.2	<0.001	0.06	3.22	3.2	0.8	0.3	5.8	0.01	0.18	7.7	0.011
C330220		49.3	960	19.3	10.1	<0.001	0.07	3.34	2.6	0.8	0.3	6.5	0.01	0.19	5.3	0.012
C330221		83.3	790	23.6	10.3	<0.001	0.03	4.12	5.2	1.0	0.4	12.7	0.01	0.21	12.1	0.014
C330222		80.9	870	16.3	8.7	<0.001	0.03	3.00	4.4	1.4	0.3	10.9	0.01	0.56	18.8	0.011
C330223		82.8	720	16.4	8.3	<0.001	0.04	2.00	3.8	1.0	0.3	10.7	0.01	0.29	19.6	0.014
C330224		62.5	650	13.6	7.1	<0.001	0.02	3.62	4.6	0.7	0.2	7.0	0.01	0.15	31.5	0.011
C330225		123.5	1030	24.7	12.0	<0.001	0.06	4.03	6.3	2.0	0.3	9.9	0.01	0.55	26.2	0.009
C330226		188.0	850	27.6	7.8	<0.001	0.04	3.53	6.5	1.6	0.3	10.4	0.01	0.48	50.2	0.008
C330227		65.7	620	13.3	6.5	<0.001	0.03	2.20	3.8	0.8	0.2	7.0	<0.01	0.30	43.1	0.005
C330228		84.1	970	18.3	12.3	<0.001	0.10	2.44	6.3	1.0	0.3	10.5	0.01	0.17	77.3	0.013
C330229		64.3	720	11.1	10.8	<0.001	0.02	2.33	6.7	0.8	0.2	6.3	0.01	0.17	51.8	0.005
C330230		110.0	640	14.3	7.3	<0.001	0.10	3.64	5.2	1.4	0.2	6.0	0.01	0.35	43.2	0.007
C330231		141.5	770	16.2	12.0	<0.001	0.18	3.44	7.1	1.5	0.3	7.8	0.01	0.31	37.9	0.012
C330232		117.0	1080	17.4	2.5	<0.001	0.34	2.15	4.3	1.4	<0.2	7.7	0.01	0.30	8.2	<0.005
C330233		40.8	1000	8.9	7.9	<0.001	0.11	1.10	4.6	1.0	0.2	4.6	0.01	0.10	7.5	0.014
C330234		32.7	720	13.8	5.6	<0.001	0.18	0.82	9.4	0.9	0.2	11.2	0.01	0.07	6.5	0.007
C330235		57.7	900	12.4	7.0	<0.001	0.19	0.91	8.2	1.2	0.3	8.9	0.01	0.11	8.5	0.015
C330236		27.8	750	8.6	8.2	<0.001	0.04	0.72	8.9	0.9	0.3	5.9	0.01	0.17	6.7	0.014
C330237		21.8	1560	9.5	8.6	<0.001	0.11	0.59	4.9	1.2	0.3	18.7	0.01	0.12	2.5	0.009
C330238		38.3	1100	9.6	10.8	<0.001	0.06	0.82	14.0	1.3	0.3	10.5	0.01	0.13	5.5	0.008
C330239		34.2	1400	8.9	11.4	<0.001	0.10	0.86	6.9	1.0	0.4	10.5	0.01	0.18	5.9	0.009
C330240		30.9	1760	3.5	16.5	<0.001	0.18	6.06	7.7	<0.2	0.9	306.0	0.01	0.01	2.4	0.193
C330241		39.5	1240	12.8	11.9	<0.001	0.08	0.99	10.6	1.6	0.3	10.3	0.01	0.18	4.7	0.014
C330242		31.7	880	6.0	6.0	<0.001	0.06	0.95	5.4	0.7	0.2	6.4	0.01	0.23	9.2	0.010
C330243		30.4	630	27.4	10.0	<0.001	0.03	3.10	4.9	0.7	0.3	11.5	0.01	0.06	5.9	0.030
C330244		37.3	610	21.2	8.6	<0.001	0.03	2.09	3.8	0.7	0.2	6.3	0.01	0.06	6.1	0.023
C330245		41.2	550	31.0	7.2	<0.001	0.03	2.21	3.7	0.7	0.3	7.1	0.01	0.06	6.5	0.028
C330246		22.5	730	16.2	9.2	<0.001	0.06	1.90	1.9	0.6	0.5	6.5	0.01	0.06	1.0	0.033
C330247		33.5	490	10.0	9.3	<0.001	0.03	1.65	2.4	0.5	0.3	3.8	0.01	0.05	4.0	0.017
C330248		59.7	830	22.0	9.3	<0.001	0.03	2.04	4.3	1.0	0.2	5.0	0.01	0.07	8.5	0.017
C330249		67.9	330	18.8	6.6	<0.001	0.03	2.70	4.2	1.0	<0.2	2.6	0.01	0.03	12.3	0.007
C330250		51.2	390	38.0	6.4	<0.001	0.03	3.18	4.6	0.9	0.2	4.4	0.01	0.06	14.8	0.009

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 23-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095221

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C330211		0.42	8.21	24	0.10	29.70	137	8.5
C330212		0.19	6.93	15	0.06	17.70	60	6.8
C330213		0.09	7.81	11	0.06	12.90	50	9.4
C330214		0.10	7.89	14	0.14	15.05	51	5.0
C330215		0.08	5.77	15	0.06	10.45	44	5.5
C330216		0.06	5.71	13	0.07	10.15	44	4.8
C330217		0.11	7.34	11	0.06	8.57	47	3.6
C330218		0.08	3.41	11	0.07	9.37	45	2.0
C330219		0.19	5.05	21	0.14	11.40	51	0.7
C330220		0.19	4.70	23	0.11	9.74	52	0.5
C330221		0.13	10.60	24	0.25	17.10	71	0.8
C330222		0.14	6.97	20	0.12	15.85	64	1.1
C330223		0.12	5.12	22	0.13	14.40	61	1.0
C330224		0.12	4.94	20	0.11	16.50	61	3.5
C330225		0.28	16.55	16	0.12	27.80	59	2.1
C330226		0.29	7.80	14	0.09	22.00	66	2.8
C330227		0.12	9.89	10	0.06	12.55	42	3.2
C330228		0.22	28.50	21	0.23	18.25	63	1.7
C330229		0.12	10.70	15	0.17	18.65	47	2.0
C330230		0.10	19.55	14	0.35	17.00	42	3.9
C330231		0.10	18.35	19	0.25	20.40	49	2.9
C330232		1.44	6.73	14	0.07	12.55	33	3.0
C330233		0.47	6.05	23	0.13	17.20	45	1.4
C330234		0.41	3.72	53	0.13	31.60	51	1.5
C330235		0.29	5.59	52	0.14	25.10	79	1.5
C330236		0.08	6.77	44	0.22	17.90	44	1.1
C330237		0.09	6.57	30	0.14	24.10	57	1.0
C330238		0.11	9.79	48	0.14	26.20	42	1.0
C330239		0.09	12.00	30	0.17	27.90	40	1.4
C330240		0.09	3.58	132	10.35	17.85	148	16.5
C330241		0.11	14.70	60	0.23	28.50	219	1.5
C330242		0.04	6.41	26	0.21	16.40	21	1.1
C330243		0.10	2.68	33	0.17	18.80	56	1.8
C330244		0.11	2.62	26	0.14	15.50	55	1.3
C330245		0.14	2.34	28	0.18	14.00	83	1.2
C330246		0.14	0.90	45	0.20	5.15	64	<0.5
C330247		0.11	0.74	23	0.10	4.21	36	1.0
C330248		0.17	1.71	20	0.11	11.50	59	1.9
C330249		0.16	2.47	11	0.06	14.65	70	8.8
C330250		0.15	3.93	13	0.06	17.05	125	13.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-OCT-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095221

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C330251		0.80	0.011	0.54	0.99	23.7	<10	200	0.98	2.47	0.08	0.15	38.10	33.3	9	1.07
C330252		0.80	0.014	0.39	1.05	25.2	<10	240	0.93	3.29	0.08	0.10	39.00	35.9	9	0.93
C330253		0.64	0.024	0.37	1.26	44.5	<10	160	1.26	2.16	0.07	0.36	38.50	54.1	12	1.05
C330254		0.68	<0.005	0.40	1.27	35.2	<10	260	1.19	2.39	0.07	0.15	38.80	56.2	11	0.87
C330255		0.70	0.012	0.43	1.68	40.6	<10	190	1.50	2.83	0.04	0.31	43.60	66.4	21	1.26
C203742		0.48	<0.005	0.13	0.96	14.3	<10	80	0.69	0.77	0.11	0.14	34.00	14.9	12	1.69
C203743		0.54	0.006	0.18	1.10	16.3	<10	200	1.05	1.14	0.06	0.10	40.30	18.9	11	2.28
C203744		0.52	<0.005	0.13	1.30	16.1	<10	180	1.48	1.25	0.05	0.12	42.80	18.4	13	2.75
C203745		0.42	0.011	0.15	1.03	14.9	<10	110	0.69	1.12	0.33	0.13	36.40	14.9	12	1.35
C203746		0.50	0.005	0.20	0.97	22.6	<10	230	0.99	1.15	0.09	0.21	42.00	21.6	10	1.96
C203747		0.46	<0.005	0.11	1.05	12.5	<10	130	0.48	0.87	0.35	0.10	25.90	9.7	14	1.79
C203748		0.46	<0.005	0.21	1.18	12.1	<10	110	0.74	0.84	0.04	0.08	36.80	12.6	14	1.78
C203749		0.70	<0.005	0.12	1.03	12.8	<10	110	0.72	0.88	0.10	0.12	35.50	15.9	12	1.60
C203750		0.44	<0.005	0.11	1.87	14.6	<10	150	1.31	1.01	0.03	0.12	41.10	18.1	21	3.27
C203751		0.44	<0.005	0.10	1.86	14.4	<10	150	1.19	1.03	0.03	0.11	39.40	16.7	21	3.26
C203752		0.36	<0.005	0.25	1.54	11.3	<10	290	1.04	0.85	0.39	0.16	26.90	11.8	15	2.16
C203753		0.44	<0.005	0.04	1.22	10.7	<10	140	0.63	0.79	0.07	0.09	39.70	13.1	13	1.12
C203754		0.60	<0.005	0.18	1.11	12.3	<10	130	0.76	0.89	3.95	0.16	31.90	14.6	11	1.29
C203755		0.48	0.007	0.09	1.20	12.5	<10	100	0.56	0.72	0.22	0.12	35.10	11.9	15	0.95
C203756		0.44	<0.005	0.11	2.43	15.1	<10	170	1.21	0.69	0.10	0.26	52.50	16.5	25	2.00
C203757		0.36	0.005	0.31	2.36	14.9	<10	180	1.39	0.72	0.13	0.14	37.70	15.8	28	3.25
C203758		0.44	<0.005	0.12	1.56	15.8	<10	100	0.56	0.80	0.14	0.10	29.10	11.4	21	3.50
C203759		0.52	<0.005	0.30	1.47	15.8	<10	160	0.96	0.67	0.80	0.35	43.60	14.3	20	1.54
C203760		0.32	<0.005	0.27	2.02	13.5	<10	190	1.43	0.76	0.45	0.32	37.20	14.8	25	3.52
C203761		0.40	<0.005	0.26	1.59	19.1	<10	160	1.01	0.85	0.68	0.23	25.80	12.8	22	3.54
C203762		0.42	0.005	0.19	1.68	11.6	<10	140	0.71	0.59	0.39	0.25	30.60	9.9	20	2.18
C203763		0.40	0.017	0.07	0.85	9.6	<10	1850	0.94	0.50	1.34	0.28	24.80	16.3	13	1.15
C203764		0.38	0.012	0.17	1.29	14.5	<10	1110	1.30	0.80	1.41	0.38	29.50	16.4	18	1.80
C203765		0.42	0.006	0.10	1.74	10.7	<10	440	0.91	0.34	1.04	0.29	33.00	15.8	21	2.43
C203766		0.44	0.008	0.16	1.26	10.2	10	710	1.22	0.30	1.86	0.33	23.00	13.7	15	1.34
C203767		0.36	<0.005	0.16	1.25	9.8	10	530	0.98	0.36	1.75	0.30	23.40	13.7	15	1.28
C203768		0.36	0.014	0.12	1.16	10.9	<10	1000	1.37	0.62	0.94	0.24	30.00	15.2	17	1.84
C203769		0.36	0.007	0.17	1.21	13.6	<10	890	1.08	0.57	1.37	0.25	27.10	16.3	17	1.52
C203770		0.10	0.080	1.20	4.58	30	20	480	0.81	0.08	15.25	0.02	20.90	45.8	58	1.94
C203771		0.42	0.007	0.20	1.46	13.3	<10	830	1.24	0.47	0.70	0.17	36.10	16.9	21	1.73
C203772		0.40	0.013	0.19	1.16	11.9	<10	560	1.09	0.34	1.76	0.40	29.10	14.9	17	1.09
C203773		0.46	0.012	0.24	1.19	12.8	<10	760	1.12	0.42	1.43	0.35	30.50	13.9	18	1.48
C203774		0.48	0.006	0.27	1.19	19.4	<10	900	1.36	0.83	1.18	0.32	30.50	17.5	19	1.88
C203775		0.44	0.010	0.21	1.19	14.2	<10	790	1.27	0.63	1.24	0.28	30.20	16.8	19	1.82
C203776		0.36	<0.005	0.25	1.32	13.7	<10	690	1.38	0.50	1.06	0.28	31.30	16.7	19	1.69

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06095221

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C330251		197.0	3.72	2.66	0.11	0.34	0.04	0.110	0.08	16.5	14.2	0.66	1920	2.08	<0.01	<0.05
C330252		102.5	4.33	2.74	0.12	0.23	0.05	0.125	0.06	17.1	14.9	0.68	2210	1.73	0.01	0.05
C330253		309.0	6.81	3.34	0.14	0.11	0.12	0.345	0.05	15.9	14.4	0.73	4310	1.96	0.01	0.19
C330254		205.0	7.19	3.32	0.14	0.21	0.05	0.167	0.05	16.9	14.8	0.82	3030	2.89	0.01	0.07
C330255		329.0	7.54	4.36	0.15	0.10	0.08	0.189	0.05	19.4	17.3	0.80	3030	4.76	0.01	0.16
C203742		54.7	3.00	3.04	0.09	0.03	0.05	0.045	0.05	15.8	17.3	0.42	671	1.36	0.01	0.39
C203743		116.0	3.75	3.04	0.09	0.06	0.06	0.059	0.10	19.0	17.2	0.41	1405	1.28	0.01	0.25
C203744		140.5	3.82	3.31	0.09	0.06	0.05	0.063	0.11	19.1	21.3	0.38	1335	1.29	0.01	0.27
C203745		55.7	3.77	3.07	0.11	0.07	0.06	0.065	0.09	17.7	16.6	0.53	1180	1.17	0.01	0.37
C203746		139.5	3.95	2.89	0.11	0.06	0.06	0.062	0.09	18.5	14.5	0.39	2330	1.31	0.01	0.18
C203747		37.4	3.13	4.38	0.07	0.03	0.03	0.042	0.10	13.1	11.4	0.31	464	1.37	0.01	0.55
C203748		53.4	3.20	3.47	0.08	0.05	0.04	0.047	0.09	17.2	18.7	0.45	472	1.17	0.01	0.45
C203749		51.9	3.12	3.09	0.09	0.05	0.03	0.047	0.09	16.7	17.7	0.45	804	1.03	0.01	0.27
C203750		72.2	3.59	5.01	0.10	0.06	0.04	0.058	0.13	19.3	24.8	0.57	575	1.43	0.01	0.52
C203751		67.5	3.56	5.05	0.09	0.05	0.04	0.060	0.14	18.7	25.5	0.56	522	1.43	0.01	0.53
C203752		56.8	3.29	4.07	0.08	0.11	0.07	0.050	0.22	14.0	17.4	0.51	622	1.15	0.01	0.26
C203753		40.3	3.19	3.53	0.09	0.06	0.02	0.042	0.15	18.4	18.4	0.46	630	0.93	0.01	0.22
C203754		49.7	3.03	2.94	0.10	0.11	0.06	0.048	0.17	15.4	18.5	2.64	1430	0.86	0.02	0.21
C203755		34.7	3.41	3.72	0.08	0.06	0.02	0.045	0.11	16.3	19.8	0.68	1280	1.03	0.01	0.35
C203756		41.9	3.64	5.06	0.09	0.10	0.04	0.058	0.13	17.5	21.9	0.65	891	1.29	0.01	0.80
C203757		32.9	3.80	6.12	0.10	0.07	0.07	0.058	0.10	17.8	28.9	0.73	462	1.06	0.01	0.90
C203758		28.0	3.93	6.72	0.08	0.03	0.03	0.072	0.10	14.0	18.1	0.47	611	1.50	0.01	0.94
C203759		45.0	3.97	4.28	0.12	0.11	0.09	0.060	0.14	21.1	19.1	1.02	1885	1.24	0.01	0.50
C203760		34.5	3.34	5.90	0.10	0.08	0.07	0.049	0.13	18.9	32.2	0.93	1005	1.14	0.01	0.61
C203761		33.0	3.24	4.94	0.08	0.09	0.06	0.054	0.09	13.6	20.2	0.66	740	1.16	0.01	0.64
C203762		23.4	3.36	6.05	0.08	0.04	0.03	0.044	0.09	14.8	23.1	0.47	496	1.12	0.01	0.71
C203763		38.1	3.78	3.09	0.08	0.08	0.17	0.222	0.09	11.8	7.8	0.45	5410	0.99	0.01	0.27
C203764		148.5	3.96	4.26	0.10	0.09	0.16	0.172	0.10	15.5	14.8	0.68	3010	1.14	0.01	0.41
C203765		22.3	3.29	7.76	0.09	0.06	0.10	0.074	0.08	17.1	23.8	0.71	1575	0.93	0.02	0.56
C203766		20.1	2.80	3.99	0.07	0.07	0.13	0.076	0.09	11.4	15.5	0.74	2080	0.75	0.01	0.40
C203767		24.9	2.83	4.11	0.08	0.07	0.13	0.091	0.08	11.6	14.3	0.65	2160	0.72	0.01	0.38
C203768		105.5	3.51	3.51	0.08	0.11	0.15	0.111	0.10	15.2	10.2	0.37	2830	0.98	0.01	0.41
C203769		193.5	3.17	4.14	0.07	0.10	0.11	0.098	0.10	13.7	13.7	0.59	1860	2.00	0.01	0.43
C203770		2580.0	15.95	15.95	0.36	0.43	0.01	0.504	0.42	13.9	24.8	2.50	3090	6.12	0.11	0.19
C203771		112.5	3.60	5.04	0.09	0.10	0.15	0.090	0.11	17.1	16.2	0.54	1730	1.19	<0.01	0.44
C203772		32.7	3.02	3.76	0.07	0.09	0.13	0.064	0.09	13.2	13.2	0.66	2000	0.85	0.01	0.39
C203773		43.5	3.09	3.85	0.09	0.10	0.13	0.067	0.12	14.6	14.3	0.67	1500	0.86	0.01	0.39
C203774		86.8	3.39	4.04	0.09	0.11	0.13	0.095	0.11	15.2	13.3	0.58	1690	0.97	0.01	0.41
C203775		50.6	3.44	4.05	0.08	0.11	0.15	0.109	0.10	15.5	12.9	0.57	1940	0.93	0.01	0.48
C203776		35.0	3.80	4.29	0.08	0.13	0.20	0.100	0.10	16.3	14.2	0.62	2170	0.92	<0.01	0.40

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C330251		25.8	270	38.0	6.5	<0.001	0.03	1.79	3.2	0.6	<0.2	3.9	<0.01	0.04	13.3	<0.005
C330252		26.1	300	24.1	5.4	<0.001	0.03	1.80	4.1	0.7	<0.2	3.9	<0.01	0.04	12.5	0.005
C330253		37.8	750	33.7	6.1	<0.001	0.03	1.98	6.2	0.9	0.2	5.4	0.01	0.06	8.3	0.010
C330254		48.8	360	29.1	4.2	<0.001	0.03	2.93	4.3	1.1	<0.2	3.5	<0.01	0.05	11.8	0.006
C330255		61.1	530	35.3	6.0	<0.001	0.04	3.85	5.4	1.1	0.2	3.8	0.01	0.12	12.7	0.012
C203742		23.1	480	13.7	8.4	<0.001	0.02	1.69	2.3	0.2	0.2	7.5	0.01	0.04	4.8	0.018
C203743		26.6	430	14.4	10.8	<0.001	0.02	1.51	3.5	0.4	0.2	4.5	<0.01	0.04	7.2	0.010
C203744		26.5	350	18.7	12.7	<0.001	0.02	1.55	3.3	0.3	0.2	3.5	<0.01	0.05	8.2	0.008
C203745		25.5	330	14.7	9.5	<0.001	0.03	1.58	4.0	0.3	0.2	6.1	0.01	0.03	6.8	0.014
C203746		31.3	460	19.3	8.8	<0.001	0.02	1.65	2.9	0.5	0.2	6.0	<0.01	0.04	5.0	0.008
C203747		15.9	370	12.2	11.5	<0.001	0.03	1.07	1.9	0.3	0.4	17.6	0.01	0.04	4.1	0.016
C203748		23.3	320	11.0	10.8	<0.001	0.02	1.06	2.5	0.3	0.3	4.4	<0.01	0.04	6.7	0.014
C203749		23.0	370	10.8	8.8	<0.001	0.01	1.05	2.8	0.3	0.2	5.1	<0.01	0.04	6.4	0.010
C203750		28.1	340	14.4	16.5	<0.001	0.02	1.12	4.3	0.3	0.4	5.0	<0.01	0.04	6.7	0.016
C203751		26.9	320	14.2	16.7	<0.001	0.02	1.11	4.1	0.3	0.4	5.0	<0.01	0.05	6.8	0.016
C203752		24.8	590	8.0	17.8	<0.001	0.05	1.13	3.8	0.4	0.3	11.2	0.01	0.03	5.7	0.006
C203753		23.3	260	7.8	13.0	<0.001	0.01	0.92	2.6	0.2	0.2	3.6	<0.01	0.03	7.7	0.006
C203754		22.2	540	12.8	11.9	<0.001	0.04	1.48	3.7	0.3	0.2	13.8	<0.01	0.03	5.0	0.009
C203755		20.6	350	14.7	12.8	<0.001	0.02	1.23	3.5	0.2	0.3	6.5	<0.01	0.03	5.3	0.014
C203756		34.8	270	23.2	15.5	<0.001	0.02	1.36	4.4	<0.2	0.4	8.9	<0.01	0.04	7.7	0.025
C203757		28.1	270	20.3	17.0	<0.001	0.01	0.95	5.5	0.2	0.5	10.8	<0.01	0.04	7.5	0.027
C203758		17.7	360	20.8	16.8	<0.001	0.02	1.11	2.6	<0.2	0.6	9.6	<0.01	0.05	4.4	0.021
C203759		27.4	570	23.0	13.5	<0.001	0.03	1.43	5.8	0.3	0.4	11.5	<0.01	0.04	5.2	0.025
C203760		26.0	550	29.9	18.9	<0.001	0.05	1.05	4.2	0.3	0.5	11.4	0.01	0.04	6.0	0.016
C203761		22.9	790	26.4	15.0	<0.001	0.07	1.00	3.8	0.5	0.4	13.2	0.01	0.04	3.2	0.020
C203762		17.9	520	26.5	13.9	<0.001	0.04	1.04	2.8	0.2	0.5	13.4	<0.01	0.04	2.8	0.018
C203763		18.2	1410	19.2	11.5	<0.001	0.13	1.11	6.9	0.7	0.4	22.4	0.01	0.14	4.2	0.012
C203764		24.3	1210	43.3	14.3	<0.001	0.12	1.31	8.9	1.0	0.4	21.7	0.01	0.11	4.0	0.013
C203765		22.5	1140	38.5	17.4	<0.001	0.10	0.87	7.8	0.7	0.7	15.3	0.01	0.05	3.1	0.016
C203766		21.6	1170	40.7	13.8	<0.001	0.12	0.89	4.2	0.9	0.4	17.8	0.01	0.06	1.8	0.011
C203767		20.1	1250	45.3	13.3	<0.001	0.13	0.94	4.6	0.8	0.4	17.1	0.01	0.08	2.1	0.012
C203768		24.8	980	30.7	15.3	<0.001	0.08	1.06	7.5	1.3	0.4	17.5	<0.01	0.12	4.3	0.012
C203769		24.9	900	37.6	12.3	<0.001	0.09	1.06	7.4	1.9	0.4	20.0	<0.01	0.10	3.8	0.013
C203770		32.1	1780	3.2	17.6	0.001	0.19	6.34	10.4	1.9	0.9	292.0	0.01	0.01	2.7	0.194
C203771		27.6	820	50.9	15.1	<0.001	0.06	1.07	8.6	1.7	0.5	15.8	<0.01	0.10	4.6	0.013
C203772		25.8	1070	46.6	10.8	<0.001	0.11	0.99	5.4	1.8	0.4	15.7	<0.01	0.07	2.2	0.010
C203773		28.9	910	50.0	12.1	<0.001	0.08	1.04	6.1	1.7	0.4	17.1	<0.01	0.08	3.1	0.011
C203774		30.4	990	58.3	13.2	<0.001	0.08	1.18	7.7	1.8	0.4	17.6	<0.01	0.12	3.6	0.013
C203775		29.5	970	41.5	13.8	<0.001	0.08	1.00	8.5	1.8	0.4	16.9	<0.01	0.12	4.7	0.013
C203776		30.2	730	63.6	11.7	<0.001	0.05	1.12	8.7	1.6	0.5	12.5	<0.01	0.14	5.0	0.011

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CERTIFICATE OF ANALYSIS VA06095221

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C330251		0.09	2.59	7	<0.05	14.55	60	20.5
C330252		0.08	2.17	8	<0.05	15.75	40	15.3
C330253		0.14	2.02	14	0.07	19.30	76	3.5
C330254		0.11	2.59	11	0.05	13.15	45	15.1
C330255		0.15	2.75	31	0.09	12.65	81	6.0
C203742		0.09	0.87	21	0.10	4.56	46	0.6
C203743		0.11	0.86	18	0.10	9.22	44	1.6
C203744		0.12	0.79	18	0.11	7.72	40	1.7
C203745		0.10	0.69	20	0.11	10.80	47	2.0
C203746		0.11	0.86	16	0.10	9.62	44	1.2
C203747		0.11	0.46	27	0.14	2.27	46	0.7
C203748		0.09	0.68	19	0.12	4.11	41	1.4
C203749		0.08	0.65	17	0.11	4.74	44	1.5
C203750		0.13	1.18	29	0.15	7.64	68	1.3
C203751		0.14	1.12	30	0.15	6.58	67	1.2
C203752		0.11	0.72	18	0.10	8.72	53	3.0
C203753		0.08	0.45	16	0.12	3.17	33	1.8
C203754		0.10	0.54	15	0.06	10.50	61	3.0
C203755		0.11	0.50	25	0.11	4.54	51	1.4
C203756		0.15	0.84	37	0.16	7.21	78	3.6
C203757		0.17	1.20	46	0.19	11.65	86	2.4
C203758		0.15	0.50	44	0.18	3.47	69	0.9
C203759		0.12	0.63	32	0.15	17.65	91	2.7
C203760		0.13	1.67	34	0.17	12.95	90	2.2
C203761		0.11	1.34	35	0.16	11.10	89	2.1
C203762		0.15	0.70	39	0.15	6.15	69	0.8
C203763		0.11	4.22	24	0.36	15.85	62	1.5
C203764		0.13	2.82	32	0.29	25.40	137	1.5
C203765		0.15	2.04	43	0.21	17.35	105	0.9
C203766		0.10	2.01	27	0.14	17.25	128	1.0
C203767		0.11	1.75	27	0.16	15.90	101	1.0
C203768		0.13	2.08	25	0.22	22.90	81	1.6
C203769		0.12	3.10	28	0.21	17.75	116	1.6
C203770		0.10	4.08	125	11.90	18.65	167	19.9
C203771		0.14	2.57	32	0.40	20.60	103	2.3
C203772		0.11	1.76	25	0.15	18.60	137	1.5
C203773		0.13	2.08	26	0.17	18.90	150	1.6
C203774		0.16	2.18	31	0.21	19.50	133	1.8
C203775		0.14	2.67	30	0.21	21.90	119	1.9
C203776		0.13	1.71	29	0.21	23.50	125	2.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06095221

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C203777		0.62	0.005	0.24	1.32	14.3	<10	400	1.43	0.52	2.52	0.25	36.20	15.5	20	2.61
C203778		0.76	0.023	0.16	0.73	120.0	<10	260	0.85	2.02	0.94	0.12	58.10	108.0	7	1.84
C203779		0.54	0.013	0.15	1.21	17.7	<10	370	1.00	0.99	0.42	0.25	80.20	42.3	12	2.00
C203780		0.50	0.013	0.12	1.01	14.0	<10	400	1.07	0.89	0.44	0.15	81.30	47.1	10	2.88
C203781		0.58	0.006	0.08	1.37	15.6	<10	230	1.03	0.67	0.54	0.27	95.90	34.3	14	2.66
C203782		0.52	<0.005	0.04	1.10	6.4	<10	260	0.92	0.34	0.27	0.07	77.10	29.6	12	1.60
C203783		0.66	<0.005	0.05	1.29	13.3	<10	310	0.56	0.71	3.38	0.16	52.40	28.3	10	1.45
C203784		0.66	0.015	0.10	1.13	19.1	<10	190	0.77	1.68	2.11	0.15	52.20	46.5	9	1.85
C203785		0.50	0.016	0.12	1.32	27.6	<10	190	1.31	2.18	0.74	0.11	51.40	114.0	12	0.96
C203786		0.52	<0.005	0.08	1.22	12.3	<10	200	0.91	1.57	0.70	0.31	65.60	36.3	10	0.57
C203787		0.34	0.010	0.07	1.66	6.2	<10	780	1.20	1.16	0.43	0.27	97.30	33.8	14	1.79
C203788		0.42	0.029	0.08	1.25	13.3	<10	260	0.94	0.61	0.43	0.51	47.70	55.2	15	1.77
C203789		0.54	0.014	0.04	1.28	6.1	<10	260	0.90	1.29	0.30	0.22	40.90	33.6	12	2.20
C203790		0.44	0.008	0.08	1.79	7.8	<10	320	1.08	2.93	0.63	0.24	62.60	31.3	15	5.76
C203791		0.42	0.006	0.09	1.76	7.3	<10	310	1.10	2.95	0.64	0.23	63.50	31.6	15	5.74
C203792		0.46	<0.005	0.04	1.57	5.1	<10	420	0.91	3.99	0.14	0.10	66.80	26.6	18	6.15
C203793		0.58	0.012	0.05	1.12	3.5	<10	440	0.76	0.72	0.21	0.10	41.80	9.2	14	3.36
C203794		0.60	0.005	0.04	1.40	5.5	<10	630	2.17	0.62	0.20	0.40	160.00	16.8	13	3.68
C203795		0.54	<0.005	0.02	0.73	1.7	<10	200	0.54	0.14	0.31	0.17	61.10	4.0	7	1.99
C203796		0.70	0.012	0.08	1.16	6.1	<10	1480	1.39	0.96	0.24	0.26	99.10	23.7	15	9.95
C203797		0.76	0.008	0.07	1.55	8.1	<10	2110	1.50	1.19	0.18	0.19	109.00	55.7	16	6.22
C203798		0.70	0.009	0.07	1.66	8.8	<10	220	1.56	1.21	0.10	0.28	225.00	58.8	19	10.95
C203799		0.92	0.007	0.06	1.50	6.2	<10	170	1.50	2.96	0.17	0.13	216.00	77.4	21	6.90
C203800		0.74	0.006	0.08	1.05	4.8	<10	2380	1.33	2.61	0.19	0.14	84.00	62.3	13	10.05

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06095221

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C203777		52.1	3.60	4.28	0.09	0.14	0.17	0.105	0.16	19.7	18.7	1.92	1620	0.94	0.01	0.26
C203778		1075.0	5.20	2.41	0.12	0.12	0.05	0.101	0.06	28.5	12.5	0.47	5210	11.40	0.01	0.25
C203779		518.0	6.31	4.26	0.15	0.14	0.04	0.105	0.05	39.9	14.5	0.69	6100	5.13	<0.01	0.16
C203780		487.0	6.44	3.64	0.15	0.14	0.05	0.084	0.08	41.0	15.5	0.61	6150	3.29	<0.01	0.16
C203781		98.5	4.47	4.91	0.15	0.13	0.03	0.068	0.08	49.2	25.4	0.94	2830	4.47	<0.01	0.61
C203782		138.5	4.12	3.76	0.12	0.10	0.04	0.061	0.07	38.8	23.9	0.79	3700	2.27	<0.01	0.12
C203783		92.2	3.72	4.34	0.11	0.10	0.03	0.042	0.06	26.5	24.3	0.93	3400	2.07	<0.01	0.44
C203784		545.0	5.91	3.86	0.13	0.11	0.05	0.075	0.09	26.6	15.0	0.93	4320	4.10	0.01	0.26
C203785		580.0	6.96	5.01	0.13	0.12	0.04	0.094	0.07	26.6	13.9	0.69	4370	12.10	<0.01	0.17
C203786		163.5	5.30	4.12	0.12	0.10	0.05	0.066	0.05	34.1	10.8	0.51	6590	2.74	<0.01	0.13
C203787		230.0	5.91	6.49	0.16	0.25	0.12	0.159	0.12	48.6	16.0	0.96	10900	3.68	<0.01	0.17
C203788		321.0	10.55	4.45	0.15	0.13	0.13	0.134	0.07	23.7	7.4	0.38	7970	7.59	<0.01	0.31
C203789		398.0	5.67	3.71	0.09	0.09	0.05	0.073	0.11	20.3	8.9	0.50	6390	4.38	<0.01	0.12
C203790		890.0	6.36	6.46	0.13	0.17	0.07	0.135	0.11	32.3	15.5	0.98	7710	3.29	0.01	0.21
C203791		886.0	6.19	6.57	0.13	0.17	0.07	0.137	0.11	32.4	16.0	0.96	7650	3.22	<0.01	0.20
C203792		62.3	4.20	6.53	0.09	0.05	0.04	0.053	0.09	26.0	20.3	0.79	2890	1.46	<0.01	0.22
C203793		20.4	2.35	5.27	0.05	0.02	0.05	0.025	0.09	17.6	16.6	0.45	989	0.98	<0.01	0.23
C203794		55.0	2.55	4.87	0.22	0.12	0.09	0.037	0.08	110.5	17.3	0.63	5000	0.96	<0.01	0.18
C203795		3.0	1.15	3.01	0.05	0.04	0.02	0.029	0.06	25.4	4.1	0.05	3430	0.20	<0.01	0.05
C203796		78.2	3.71	5.06	0.13	0.10	0.04	0.068	0.10	51.4	15.8	0.59	6110	1.42	<0.01	0.17
C203797		126.5	4.53	5.84	0.15	0.12	0.04	0.058	0.08	61.3	22.0	0.76	4430	1.50	<0.01	0.37
C203798		102.5	4.22	6.74	0.22	0.11	0.11	0.095	0.09	96.2	21.2	0.79	4400	2.01	<0.01	0.36
C203799		137.5	4.27	7.05	0.26	0.11	0.06	0.048	0.07	101.5	25.3	1.12	3190	1.10	<0.01	0.30
C203800		77.7	3.90	4.07	0.12	0.10	0.04	0.059	0.10	45.2	15.9	0.70	5000	2.33	<0.01	0.15

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	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C203777		31.1	720	53.8	15.0	0.001	0.05	1.27	8.8	1.2	0.5	14.2	<0.01	0.10	5.1	0.009
C203778		65.3	2830	20.1	6.4	<0.001	0.13	1.19	3.6	1.7	<0.2	22.5	0.01	0.18	23.7	<0.005
C203779		44.8	1330	30.5	7.9	<0.001	0.05	0.69	9.5	2.0	0.2	14.3	0.01	0.14	10.6	0.009
C203780		53.9	1380	15.1	9.5	<0.001	0.07	0.69	6.9	1.8	0.2	16.2	0.01	0.08	21.6	0.007
C203781		41.4	1130	14.2	10.6	<0.001	0.11	0.64	3.9	1.8	0.2	16.8	0.01	0.07	20.7	0.007
C203782		36.3	750	7.4	7.6	<0.001	0.02	0.47	3.9	1.5	<0.2	13.5	0.01	0.08	21.5	0.005
C203783		36.0	1230	8.6	7.5	<0.001	0.13	0.43	3.2	1.5	<0.2	59.8	0.01	0.05	15.5	0.006
C203784		51.6	1130	7.5	9.1	<0.001	0.18	0.55	4.7	1.2	<0.2	36.9	0.01	0.07	20.1	<0.005
C203785		65.0	1240	7.9	9.9	<0.001	0.12	0.61	9.7	1.5	0.2	13.3	0.01	0.12	12.1	0.005
C203786		37.6	1390	11.5	9.2	<0.001	0.09	0.51	4.1	1.8	0.2	21.4	0.01	0.07	6.6	0.005
C203787		41.2	1100	14.9	18.0	0.001	0.05	0.60	8.3	2.9	0.3	16.0	0.02	0.09	19.3	0.010
C203788		51.4	1390	18.3	15.7	<0.001	0.07	0.92	10.7	2.1	0.4	12.1	0.01	0.09	9.8	0.014
C203789		39.1	1080	10.0	12.5	<0.001	0.04	0.65	4.6	1.3	0.2	7.4	0.01	0.08	8.7	0.007
C203790		46.0	1080	18.8	19.5	<0.001	0.04	0.94	6.0	2.1	0.3	20.3	0.01	0.09	18.9	0.012
C203791		46.2	1030	18.9	19.7	<0.001	0.04	0.92	6.0	2.2	0.3	21.6	0.01	0.09	18.7	0.011
C203792		32.7	1150	13.6	20.6	<0.001	0.06	0.64	2.8	0.7	0.4	7.6	<0.01	0.12	6.6	0.013
C203793		18.3	870	7.8	29.6	<0.001	0.06	0.52	1.7	0.4	0.4	7.0	<0.01	0.11	2.7	0.009
C203794		21.8	1130	11.9	30.2	<0.001	0.04	0.58	5.7	1.6	0.3	6.8	0.01	0.12	10.2	0.009
C203795		4.8	720	5.2	14.8	<0.001	0.04	0.39	3.1	0.3	0.2	5.9	<0.01	0.02	5.3	<0.005
C203796		39.2	780	18.4	17.9	<0.001	0.03	0.89	8.4	1.3	0.4	13.7	0.01	0.11	13.6	0.013
C203797		41.2	900	21.7	16.7	<0.001	0.03	1.49	7.0	1.5	0.4	28.5	0.01	0.10	19.1	0.020
C203798		35.1	1140	25.5	17.1	<0.001	0.05	1.08	5.2	1.9	0.4	8.5	0.01	0.12	14.3	0.026
C203799		42.5	670	24.2	14.4	<0.001	0.01	1.14	3.9	1.6	0.4	6.6	0.01	0.15	28.0	0.037
C203800		34.1	540	16.3	14.2	<0.001	0.05	1.10	4.5	1.4	0.3	35.1	0.01	0.21	16.9	0.013

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 23-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06095221

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C203777		0.16	1.18	26	0.20	24.70	139	2.2
C203778		0.12	14.30	8	0.11	25.00	55	3.4
C203779		0.17	11.05	27	0.17	36.70	106	2.2
C203780		0.26	6.85	17	0.15	42.60	94	2.5
C203781		0.54	4.51	12	0.11	38.20	330	2.2
C203782		0.13	4.49	9	0.08	29.50	101	1.3
C203783		0.21	4.47	10	0.10	27.20	123	1.7
C203784		0.25	5.34	13	0.11	27.80	256	2.2
C203785		0.14	6.32	34	0.16	27.70	93	1.8
C203786		0.26	14.05	16	0.12	43.50	82	0.9
C203787		0.21	15.20	21	0.19	93.00	116	2.8
C203788		0.20	12.60	44	0.17	43.60	141	1.2
C203789		0.14	4.96	21	0.09	30.20	83	0.9
C203790		0.20	10.90	23	0.16	59.60	120	1.7
C203791		0.20	11.10	23	0.14	59.70	120	1.6
C203792		0.18	3.81	27	0.15	10.90	78	0.5
C203793		0.18	2.39	25	0.11	3.98	61	<0.5
C203794		0.23	3.76	19	0.13	43.80	64	0.9
C203795		0.16	0.37	10	<0.05	3.28	19	0.5
C203796		0.18	8.85	22	0.19	36.10	77	0.7
C203797		0.14	6.41	23	0.43	49.50	99	0.9
C203798		0.29	8.28	27	0.34	43.60	101	0.6
C203799		0.16	5.13	23	0.38	46.30	107	1.2
C203800		0.14	14.00	15	0.21	45.90	66	0.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 7-OCT-2006
Account: EIA

CERTIFICATE VA06089492

Project: Werneckles

P.O. No.: FRG06-01

This report is for 155 Soil samples submitted to our lab in Vancouver, BC, Canada on 23-AUG-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

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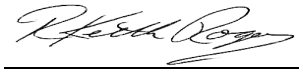
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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CERTIFICATE OF ANALYSIS VA06089492

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C203727		0.34	<0.005	0.06	1.27	17.3	<10	70	0.62	1.28	0.05	0.19	36.00	12.8	17	0.98
C203728		0.42	<0.005	0.15	1.00	13.1	<10	150	0.40	1.04	0.21	0.35	28.50	10.6	17	1.19
C203729		0.52	<0.005	0.10	1.19	12.3	<10	1150	0.48	0.75	0.65	0.92	39.40	22.1	14	1.80
C203730		0.44	0.022	0.08	0.80	13.0	<10	170	0.19	0.61	0.12	0.18	27.30	6.9	17	1.28
C203731		0.62	0.017	0.07	1.01	23.6	<10	140	0.29	0.75	0.10	0.17	24.30	9.4	22	1.11
C203732		0.54	0.010	0.08	0.59	12.1	<10	160	0.21	0.84	0.14	0.14	28.50	8.3	11	1.44
C203733		0.54	0.011	0.25	1.12	29.6	<10	210	0.70	2.45	0.18	0.14	44.20	24.3	14	0.91
C203734		0.56	0.034	0.24	1.09	33.5	<10	130	0.92	2.03	0.26	0.17	33.30	21.9	15	1.17
C203735		0.44	0.006	0.17	0.88	26.5	<10	240	0.47	1.32	0.20	0.44	25.00	25.0	18	1.21
C203736		0.44	0.010	0.18	1.04	24.4	<10	150	0.85	1.05	0.55	0.37	32.70	18.4	14	0.64
C203737		0.48	0.009	0.11	0.76	17.2	<10	210	0.63	0.71	0.94	0.58	35.60	18.5	7	0.57
C203738		0.66	0.005	0.51	0.84	16.4	<10	190	0.50	1.31	0.54	0.25	29.70	16.4	11	0.55
C203739		0.48	<0.005	0.18	1.00	17.6	<10	80	0.52	1.87	0.82	0.54	32.50	12.7	13	0.87
C203740		0.58	<0.005	0.34	1.21	27.4	<10	130	1.01	1.28	0.30	0.22	34.70	19.8	15	1.18
C203741		0.46	0.008	0.31	1.25	29.8	<10	110	0.90	1.12	0.32	0.17	33.50	15.2	17	1.31
C203889		0.58	<0.005	0.03	0.61	1.8	<10	20	0.12	0.22	0.02	0.03	56.60	3.2	19	1.70
C203890		0.04	<0.005	<0.01	0.01	<0.1	<10	<10	<0.05	<0.01	0.01	0.02	1.05	0.1	<1	<0.05
C203891		0.50	<0.005	0.03	1.53	2.7	<10	30	0.23	0.21	0.04	0.04	28.40	9.7	32	5.22
C203892		0.58	<0.005	0.04	2.15	4.9	<10	180	2.39	0.34	0.22	0.07	202.00	14.2	33	9.30
C203893		0.28	<0.005	0.11	1.62	5.5	<10	50	0.79	0.31	0.24	0.17	44.60	7.0	33	2.99
C203894		0.50	<0.005	0.20	1.68	21.9	<10	70	1.24	0.76	0.10	0.47	450.00	48.6	24	4.10
C203895		0.42	0.006	0.49	2.45	37.7	<10	60	2.38	1.51	0.04	0.82	148.50	21.9	27	5.89
C203896		0.32	<0.005	0.26	2.87	18.7	<10	40	1.33	0.64	0.07	0.30	54.30	10.6	29	2.27
C203897		0.48	<0.005	0.23	2.22	15.8	<10	120	1.61	0.94	0.14	0.52	127.50	22.4	24	2.56
C203898		0.20	0.007	0.30	1.25	7.3	<10	100	0.53	0.46	0.20	0.28	96.70	159.0	21	2.02
C203899		0.58	<0.005	0.20	1.71	19.8	<10	120	0.77	0.73	0.16	0.28	45.50	30.4	28	2.84
C203900		0.60	<0.005	0.15	0.77	10.8	<10	240	0.59	0.24	9.65	0.68	20.00	9.8	10	0.87
C203901		0.42	<0.005	0.17	1.61	15.6	<10	170	0.88	0.85	0.27	0.31	227.00	71.4	21	3.31
C203902		0.58	<0.005	0.05	1.34	9.0	<10	90	0.63	0.38	0.14	0.16	71.80	13.4	19	1.70
C203903		0.42	<0.005	0.13	1.27	12.3	<10	50	0.47	0.66	0.04	0.09	37.70	5.8	19	1.87
C203904		0.44	<0.005	0.24	0.77	10.4	<10	40	0.26	0.59	0.03	0.08	24.60	3.9	15	2.74
C203905		0.52	<0.005	0.12	1.75	17.0	<10	60	0.58	0.91	0.05	0.11	46.40	12.9	22	2.21
C203906		0.48	<0.005	0.22	0.84	8.8	<10	40	0.28	0.43	0.06	0.08	30.20	4.8	16	2.10
C203907		0.54	<0.005	0.17	1.55	17.8	<10	60	1.11	0.93	0.08	0.17	94.00	12.4	21	3.92
C203908		0.48	0.008	0.24	0.99	23.9	<10	40	0.43	1.29	0.05	0.09	41.00	6.6	25	5.02
C203909		0.48	0.006	0.17	1.82	24.1	<10	50	0.76	0.83	0.09	0.13	61.40	19.5	26	3.69
C203910		0.32	0.005	0.21	1.39	15.7	<10	40	0.27	0.67	0.04	0.11	70.60	5.3	22	1.80
C203911		0.34	0.005	0.21	1.43	15.2	<10	40	0.37	0.63	0.04	0.13	75.50	5.1	21	1.68
C203912		0.54	0.008	0.39	2.29	18.7	<10	90	0.82	0.57	0.13	0.32	94.70	24.6	27	2.42
C203913		0.50	0.006	0.16	1.28	21.1	<10	40	0.43	0.89	0.04	0.14	49.70	8.2	25	2.63

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Finalized Date: 7-OCT-2006
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CERTIFICATE OF ANALYSIS VA06089492

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C203727		30.9	3.56	3.15	0.06	<0.02	0.02	0.039	0.07	16.3	9.3	0.46	1630	1.02	0.01	0.35
C203728		25.3	3.93	3.99	0.05	<0.02	0.03	0.039	0.07	12.7	8.5	0.35	2210	1.20	0.02	0.39
C203729		34.5	8.12	5.04	0.09	<0.02	0.05	0.091	0.09	13.6	3.4	0.17	13800	2.14	0.02	0.38
C203730		20.5	3.39	6.67	0.06	<0.02	0.02	0.028	0.07	13.6	2.8	0.12	1085	1.80	0.01	0.81
C203731		31.0	5.21	5.65	0.07	<0.02	0.03	0.044	0.06	11.8	5.7	0.22	1450	1.76	0.01	0.52
C203732		26.6	2.72	4.19	0.05	<0.02	0.04	0.030	0.07	13.9	2.3	0.10	2000	2.30	0.01	0.26
C203733		187.5	5.65	3.21	0.10	0.11	0.05	0.094	0.14	22.0	8.6	0.54	4480	3.08	0.01	0.20
C203734		116.0	6.27	3.17	0.10	0.08	0.06	0.098	0.07	17.2	7.9	0.43	3450	3.09	0.01	0.30
C203735		67.6	5.61	3.93	0.07	<0.02	0.08	0.065	0.10	10.2	4.0	0.19	6020	2.72	0.02	0.25
C203736		141.5	8.08	2.75	0.10	0.11	0.05	0.094	0.08	14.9	5.2	0.33	6100	2.52	0.01	0.27
C203737		56.5	8.93	2.40	0.12	0.13	0.12	0.116	0.08	15.0	2.7	0.24	9540	1.79	0.02	0.27
C203738		64.4	7.44	2.40	0.09	0.10	0.07	0.101	0.08	13.1	4.3	0.31	8720	1.23	0.01	0.21
C203739		54.2	6.50	3.49	0.08	0.05	0.07	0.083	0.08	13.6	4.7	0.28	3620	1.56	0.02	0.41
C203740		87.6	6.52	3.24	0.09	0.13	0.04	0.093	0.12	17.7	7.0	0.43	3980	2.26	0.01	0.27
C203741		92.3	6.95	3.29	0.10	0.10	0.07	0.114	0.08	17.1	8.3	0.43	3440	1.64	0.02	0.43
C203889		4.1	1.93	4.50	0.05	<0.02	0.02	0.005	0.03	23.7	4.0	0.16	87	0.70	0.01	0.13
C203890		0.8	0.02	0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	<0.01	5	<0.05	0.01	<0.05
C203891		4.8	4.39	6.42	0.06	<0.02	0.02	0.013	0.03	11.8	20.2	0.60	361	0.68	0.01	0.37
C203892		66.3	3.66	8.30	0.15	0.04	0.03	0.040	0.06	79.4	37.0	1.16	2120	1.26	0.01	0.33
C203893		8.8	2.76	9.06	0.05	0.02	0.13	0.039	0.05	16.1	16.6	0.43	599	1.81	0.02	3.71
C203894		158.0	3.22	5.54	0.16	0.08	0.03	0.077	0.05	82.1	26.1	0.49	792	2.02	0.02	0.87
C203895		85.9	5.43	6.72	0.13	0.04	0.07	0.115	0.07	70.2	43.3	0.62	706	5.48	0.04	0.99
C203896		28.6	5.67	6.74	0.08	0.03	0.06	0.121	0.05	23.1	29.6	0.31	298	2.02	0.01	2.06
C203897		65.4	3.48	5.90	0.13	0.05	0.03	0.048	0.08	68.1	44.6	0.84	515	2.56	0.02	1.01
C203898		46.1	2.47	3.90	0.09	0.02	0.07	0.027	0.05	37.3	21.1	0.33	7150	1.14	0.02	0.46
C203899		24.3	3.49	5.73	0.06	<0.02	0.05	0.044	0.08	21.4	26.1	0.61	2280	3.07	0.02	0.64
C203900		25.0	2.32	2.14	0.05	0.05	0.08	0.024	0.07	9.7	13.0	4.34	675	2.03	0.03	0.15
C203901		42.7	3.92	5.58	0.21	0.09	0.06	0.055	0.06	113.5	22.6	0.42	899	1.83	0.01	0.69
C203902		21.7	2.90	4.37	0.08	0.03	0.02	0.023	0.06	35.0	20.4	0.47	677	0.91	0.01	1.10
C203903		25.6	3.06	5.03	0.06	<0.02	0.05	0.025	0.05	19.7	13.0	0.29	267	1.26	0.01	0.97
C203904		19.2	2.46	4.40	<0.05	<0.02	0.07	0.016	0.04	13.4	4.3	0.11	159	1.51	0.02	0.97
C203905		45.1	4.96	5.63	0.06	0.03	0.06	0.041	0.06	23.3	20.0	0.31	388	1.86	0.02	1.31
C203906		19.3	2.25	4.36	<0.05	<0.02	0.08	0.016	0.05	14.9	6.8	0.20	257	1.27	0.02	0.71
C203907		52.0	3.76	4.90	0.10	0.04	0.02	0.040	0.05	50.7	28.2	0.51	377	2.45	0.02	0.96
C203908		33.9	3.00	4.54	0.06	<0.02	0.05	0.029	0.05	20.2	6.8	0.21	227	1.80	0.01	0.61
C203909		44.1	4.07	5.60	0.08	0.03	0.04	0.044	0.07	29.1	25.0	0.57	848	1.36	0.01	0.85
C203910		34.0	3.59	4.58	0.07	0.02	0.10	0.040	0.04	32.2	6.9	0.19	245	1.35	0.01	0.88
C203911		35.4	3.42	4.48	0.07	0.02	0.11	0.041	0.03	34.5	6.8	0.17	194	1.24	0.02	0.87
C203912		84.8	3.86	5.31	0.10	0.04	0.05	0.039	0.08	32.7	27.7	0.62	1160	1.32	0.02	1.01
C203913		33.0	3.87	7.04	0.07	<0.02	0.05	0.051	0.05	22.3	10.7	0.29	355	1.86	0.01	1.02

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Finalized Date: 7-OCT-2006
Account: EIA

Project: Werneckles

CERTIFICATE OF ANALYSIS VA06089492

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C203727		20.2	510	15.0	8.6	<0.001	0.02	1.13	1.2	0.3	0.3	4.2	<0.01	0.04	0.9	0.019
C203728		16.2	730	24.7	11.5	<0.001	0.07	1.09	1.0	0.3	0.4	8.7	<0.01	0.05	0.4	0.023
C203729		17.3	1730	28.2	19.6	<0.001	0.14	1.17	2.9	0.5	0.6	11.6	0.01	0.07	0.7	0.021
C203730		10.8	530	13.8	16.4	<0.001	0.06	0.94	1.1	0.3	0.8	7.4	<0.01	0.05	0.3	0.036
C203731		13.9	650	13.8	13.0	<0.001	0.06	1.16	1.1	0.2	0.5	5.8	<0.01	0.05	0.3	0.028
C203732		10.0	610	15.5	13.5	<0.001	0.06	1.14	0.9	0.4	0.6	6.1	<0.01	0.06	0.3	0.018
C203733		30.8	410	10.7	11.5	<0.001	0.03	1.97	5.1	0.5	0.3	3.8	<0.01	0.07	6.6	0.011
C203734		28.6	870	15.6	10.8	<0.001	0.05	1.64	5.2	0.8	0.3	7.1	0.01	0.08	3.2	0.017
C203735		23.0	1230	22.6	14.9	<0.001	0.13	1.68	1.2	0.8	0.5	7.3	<0.01	0.07	0.3	0.018
C203736		27.5	940	17.9	8.2	<0.001	0.07	1.43	4.0	0.9	0.3	8.9	0.01	0.06	2.1	0.015
C203737		23.6	1550	23.1	8.4	<0.001	0.11	1.10	4.8	0.9	0.2	10.8	0.01	0.06	2.0	0.017
C203738		20.2	670	11.4	8.0	<0.001	0.06	1.29	3.6	0.7	0.2	9.4	0.01	0.06	2.4	0.011
C203739		14.6	870	14.5	11.5	<0.001	0.09	1.85	2.8	0.6	0.4	11.0	0.01	0.06	1.7	0.020
C203740		28.6	810	14.1	11.9	<0.001	0.05	1.52	4.6	0.8	0.3	7.6	0.01	0.07	4.2	0.015
C203741		25.5	760	14.3	11.4	<0.001	0.05	1.33	5.3	0.9	0.3	9.1	0.01	0.07	3.5	0.020
C203889		8.9	360	3.1	5.6	<0.001	0.03	0.23	0.7	0.2	0.5	2.9	<0.01	0.03	0.8	0.013
C203890		0.3	10	1.0	0.1	<0.001	0.02	0.06	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.2	<0.005
C203891		25.9	560	4.7	9.8	<0.001	0.03	0.38	1.8	0.3	0.5	3.3	<0.01	0.03	5.4	0.021
C203892		35.6	870	9.0	15.2	<0.001	0.04	0.62	4.7	0.6	0.5	9.2	0.01	0.04	12.6	0.019
C203893		18.4	880	8.8	10.0	<0.001	0.11	0.78	2.8	0.6	1.3	15.9	0.01	0.06	2.0	0.123
C203894		51.2	610	42.1	7.3	<0.001	0.05	2.56	2.5	0.9	0.4	10.1	0.01	0.06	9.3	0.033
C203895		41.5	1060	92.0	11.0	<0.001	0.18	5.78	2.0	1.5	0.5	14.6	0.01	0.16	12.7	0.016
C203896		24.5	690	25.4	10.6	<0.001	0.06	1.28	3.3	1.0	0.6	6.0	0.03	0.09	6.7	0.040
C203897		58.5	550	48.3	11.8	<0.001	0.04	1.65	2.7	0.9	0.3	16.0	0.01	0.09	18.5	0.015
C203898		27.3	710	10.8	9.1	<0.001	0.08	1.05	1.8	0.8	0.2	5.8	0.01	0.03	14.6	0.006
C203899		21.2	920	17.1	18.2	<0.001	0.07	1.93	1.9	0.6	0.5	9.7	<0.01	0.07	1.8	0.023
C203900		22.6	610	24.2	5.5	<0.001	0.05	1.00	3.3	0.5	0.2	89.6	<0.01	0.02	3.1	<0.005
C203901		49.7	720	22.7	14.1	<0.001	0.07	0.68	3.0	1.3	0.4	14.0	0.01	0.07	5.9	0.014
C203902		21.8	540	12.2	11.9	<0.001	0.03	0.61	2.3	0.4	0.3	7.8	0.01	0.03	9.3	0.032
C203903		13.8	690	12.2	9.3	<0.001	0.05	0.99	1.3	0.6	0.4	5.5	<0.01	0.06	3.2	0.019
C203904		8.5	750	9.7	8.2	<0.001	0.08	0.88	0.7	0.6	0.4	4.2	<0.01	0.06	0.7	0.015
C203905		29.3	630	16.0	10.4	<0.001	0.05	1.51	2.3	0.7	0.4	6.9	0.01	0.10	11.4	0.026
C203906		11.5	700	9.8	10.4	<0.001	0.06	0.64	1.0	0.5	0.4	5.1	<0.01	0.05	0.8	0.025
C203907		37.9	760	21.0	8.1	<0.001	0.10	1.86	1.8	0.9	0.3	11.2	0.01	0.08	5.9	0.017
C203908		15.1	1110	17.2	10.2	<0.001	0.08	1.13	0.7	0.7	0.4	6.8	<0.01	0.08	0.4	0.016
C203909		28.3	910	29.1	12.5	<0.001	0.04	0.94	1.9	0.6	0.3	6.6	<0.01	0.06	6.1	0.020
C203910		13.1	1250	22.5	7.5	<0.001	0.09	0.84	0.9	0.9	0.3	4.3	<0.01	0.06	1.6	0.013
C203911		12.4	1290	21.2	6.9	<0.001	0.09	0.80	0.9	1.0	0.3	4.5	0.01	0.07	1.5	0.013
C203912		41.1	950	22.9	13.0	<0.001	0.06	0.95	2.9	0.8	0.3	10.1	0.01	0.06	8.9	0.026
C203913		17.5	610	17.1	9.9	<0.001	0.04	1.37	1.5	0.6	0.5	6.3	<0.01	0.10	3.4	0.028

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CERTIFICATE OF ANALYSIS VA06089492

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C203727		0.07	0.67	25	0.09	4.23	86	<0.5
C203728		0.09	0.57	35	0.14	2.68	108	<0.5
C203729		0.21	0.81	46	0.21	11.80	157	<0.5
C203730		0.11	0.61	68	0.18	2.61	60	<0.5
C203731		0.08	0.76	46	0.14	3.29	56	<0.5
C203732		0.12	0.63	42	0.16	2.16	68	<0.5
C203733		0.09	1.77	18	0.09	13.75	43	2.7
C203734		0.09	3.41	26	0.15	22.20	64	1.7
C203735		0.26	1.00	33	0.11	4.39	90	<0.5
C203736		0.09	1.66	23	0.11	27.00	91	2.1
C203737		0.10	1.52	19	0.09	33.90	117	2.7
C203738		0.06	1.57	17	0.10	15.40	58	2.2
C203739		0.09	1.03	28	0.12	10.55	92	1.2
C203740		0.08	2.58	22	0.12	21.60	63	2.8
C203741		0.07	1.63	28	0.13	22.40	78	2.3
C203889		0.06	1.03	37	0.07	1.69	18	<0.5
C203890		<0.02	0.06	<1	<0.05	0.63	3	0.7
C203891		0.07	1.08	43	0.08	3.97	49	<0.5
C203892		0.08	3.43	41	0.77	17.85	62	0.5
C203893		0.10	1.36	54	1.02	5.33	36	0.5
C203894		0.10	3.57	36	0.23	22.30	376	1.3
C203895		0.13	5.69	26	0.51	23.20	438	0.5
C203896		0.10	1.16	46	0.19	7.53	349	1.0
C203897		0.16	4.28	20	0.19	24.70	423	0.8
C203898		0.10	4.39	12	0.09	11.30	147	<0.5
C203899		0.20	2.07	38	0.25	6.50	128	<0.5
C203900		0.11	1.01	22	0.05	9.43	146	1.5
C203901		0.18	2.62	36	0.22	38.70	346	0.5
C203902		0.10	1.42	23	0.18	13.85	90	0.5
C203903		0.11	1.57	29	0.19	6.04	61	<0.5
C203904		0.09	1.28	29	0.19	3.66	37	<0.5
C203905		0.12	1.84	37	0.27	7.48	138	0.8
C203906		0.09	1.10	30	0.32	4.14	47	<0.5
C203907		0.07	3.33	21	0.36	21.70	147	<0.5
C203908		0.14	1.59	34	0.13	5.62	74	<0.5
C203909		0.13	1.59	28	0.14	8.99	140	<0.5
C203910		0.09	2.43	29	0.15	8.03	66	<0.5
C203911		0.08	2.38	28	0.15	8.61	63	<0.5
C203912		0.12	1.76	29	0.17	12.10	185	0.8
C203913		0.10	1.43	40	0.23	5.68	88	<0.5

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C203914		0.42	0.012	0.52	2.26	43.1	<10	80	1.35	1.73	0.07	0.29	130.00	27.0	28	3.77
C203915		0.36	0.007	0.49	0.91	21.1	<10	30	0.34	0.82	0.03	0.34	42.00	7.8	17	2.53
C203916		0.44	<0.005	0.50	0.91	15.6	<10	40	0.50	0.68	0.03	0.16	54.80	6.8	16	1.97
C203917		0.54	<0.005	0.17	1.78	26.0	<10	40	0.80	0.66	0.07	0.17	57.40	12.9	25	2.32
C203918		0.50	0.007	0.08	1.76	18.1	<10	10	0.32	0.74	0.07	0.08	72.00	11.5	31	2.11
C203919		0.62	0.007	0.04	1.61	9.9	<10	30	0.46	0.35	0.13	0.06	95.90	20.3	27	1.87
C203920		0.56	<0.005	0.04	1.70	11.4	<10	20	0.48	0.37	0.14	0.03	110.00	20.2	28	1.62
C203921		0.60	0.007	0.39	1.94	139.0	<10	40	1.55	2.09	0.01	0.10	55.40	13.6	23	4.91
C203922		0.36	0.007	0.55	1.04	73.8	<10	50	0.84	1.02	0.19	0.20	36.80	9.5	18	7.39
C203923		0.50	<0.005	0.18	2.30	119.0	<10	60	1.25	1.38	0.06	0.17	116.50	69.5	31	5.16
C203924		0.60	<0.005	0.11	2.35	41.5	<10	30	0.72	0.53	0.05	0.13	53.30	23.7	34	3.90
C203925		0.52	<0.005	0.19	1.14	61.8	<10	30	0.43	0.78	0.04	0.11	39.60	10.0	20	3.59
C203926		0.68	<0.005	0.42	1.67	72.4	<10	50	0.95	1.13	0.20	2.10	65.60	43.0	25	3.82
C203927		0.36	0.006	0.42	1.74	89.5	<10	90	1.38	1.19	0.15	0.50	104.50	35.9	25	3.46
C203928		0.42	0.006	0.40	1.28	67.2	<10	80	0.60	1.45	0.49	0.24	40.30	23.1	16	1.57
C203929		0.78	<0.005	0.23	1.30	185.0	<10	90	0.86	0.56	0.46	0.13	42.60	17.4	17	1.74
C203930		0.40	<0.005	0.16	1.50	9.9	<10	120	0.65	0.35	0.91	0.19	60.70	13.0	21	1.44
C203931		0.46	<0.005	0.15	1.43	9.5	<10	110	0.63	0.34	0.75	0.18	58.80	12.0	20	1.32
C203932		0.60	<0.005	0.31	2.75	18.6	<10	120	2.72	0.91	0.11	0.56	429.00	55.7	32	4.27
C203933		0.58	0.005	0.13	1.52	25.1	<10	50	0.84	0.71	0.03	0.10	55.30	8.4	19	2.90
C203934		0.54	0.009	0.21	1.56	26.4	<10	80	1.60	0.82	0.05	0.22	59.90	10.6	19	3.90
C203935		0.62	0.016	1.46	0.13	113.5	<10	30	0.18	15.80	1.80	0.07	33.20	23.4	<1	0.31
C203936		0.54	0.005	0.15	1.50	27.6	<10	40	0.96	1.29	0.05	0.23	87.30	10.1	20	3.37
C203937		0.64	0.005	0.29	2.00	8.5	<10	1190	1.10	0.59	0.12	0.31	193.50	6.9	25	10.80
C203938		0.68	0.010	0.60	2.02	84.5	<10	160	2.25	2.10	0.06	0.17	93.20	7.8	20	4.96
C203939		0.62	0.005	0.21	2.54	18.5	<10	70	2.18	1.05	0.07	0.31	80.50	29.7	28	5.17
C203940		0.50	<0.005	0.04	1.13	9.2	<10	60	0.46	0.31	0.11	0.14	40.20	7.5	9	3.00
C203941		0.46	<0.005	0.85	1.08	44.6	<10	70	0.48	1.45	0.32	1.06	35.90	13.8	10	1.17
C203942		0.50	0.011	0.08	1.77	32.1	<10	110	0.65	0.75	0.07	0.16	27.70	35.9	26	2.98
C203943		0.46	0.011	0.11	2.28	50.5	<10	2120	0.95	1.48	0.18	0.06	43.30	95.6	22	2.49
C203944		0.34	0.008	0.48	0.86	58.3	<10	910	0.94	3.90	0.42	0.10	29.10	94.4	11	1.53
C203945		0.42	0.027	0.67	1.21	232.0	<10	1190	0.82	7.56	0.19	0.17	34.30	290.0	25	2.03
C203946		0.44	0.024	1.84	1.30	229.0	<10	1970	0.63	14.10	0.59	0.13	57.90	36.6	12	0.88
C203947		0.50	0.038	0.52	1.97	39.5	<10	1800	0.92	3.34	0.44	0.07	84.40	47.6	17	1.36
C203948		0.50	0.005	0.63	2.78	97.3	<10	470	0.98	6.27	1.57	0.18	20.00	35.6	11	1.49
C203949		0.58	0.021	0.62	1.11	13.0	<10	1240	1.34	1.01	0.46	0.09	115.50	30.4	12	2.33
C203950		0.10	<0.005	0.01	0.01	0.1	<10	10	<0.05	0.01	0.01	0.02	1.26	0.2	<1	<0.05
C203951		0.58	0.009	0.33	1.22	19.5	<10	1150	0.65	1.17	0.21	0.15	74.20	25.3	12	1.14
C203952		0.50	0.017	0.72	1.69	161.5	<10	670	1.08	2.70	0.73	0.85	141.00	117.0	11	1.36
C203953		0.62	0.014	0.13	1.86	43.9	<10	250	0.89	0.69	0.43	0.10	154.50	29.2	22	3.51

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 7-OCT-2006
Account: EIA

Project: Werneckles

CERTIFICATE OF ANALYSIS VA06089492

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C203914		161.5	5.14	5.83	0.12	0.04	0.08	0.109	0.07	58.8	30.4	0.56	653	2.58	0.02	0.96
C203915		41.9	2.68	3.90	0.06	0.02	0.07	0.029	0.03	20.7	9.7	0.24	222	1.54	<0.01	0.54
C203916		33.9	2.73	4.65	0.07	<0.02	0.05	0.032	0.04	29.7	7.0	0.18	211	2.22	<0.01	0.46
C203917		40.9	4.15	5.51	0.10	0.04	0.04	0.042	0.05	29.9	22.6	0.51	401	2.62	<0.01	0.71
C203918		27.3	4.57	5.96	0.09	0.03	0.05	0.028	0.02	24.5	17.6	0.49	290	0.95	<0.01	0.31
C203919		38.7	3.15	4.71	0.13	0.03	0.01	0.015	0.04	44.9	25.4	0.78	393	0.66	<0.01	0.05
C203920		47.6	3.27	5.04	0.15	0.03	0.01	0.017	0.03	56.5	27.1	0.80	350	0.53	<0.01	0.05
C203921		166.5	10.75	5.68	0.16	0.06	0.03	0.076	0.05	32.9	31.7	0.55	473	11.10	<0.01	1.48
C203922		35.0	3.07	4.53	0.05	<0.02	0.04	0.042	0.06	19.9	13.1	0.24	495	3.96	<0.01	0.60
C203923		283.0	5.34	6.76	0.14	0.05	0.06	0.221	0.04	47.6	33.0	0.69	3320	1.25	<0.01	0.59
C203924		52.3	5.05	6.76	0.10	0.03	0.03	0.048	0.03	24.8	33.8	0.80	807	0.97	<0.01	0.71
C203925		25.7	3.09	5.59	0.06	<0.02	0.05	0.030	0.05	18.1	8.2	0.25	515	1.71	<0.01	0.68
C203926		84.2	3.56	4.51	0.11	0.06	0.03	0.071	0.06	39.1	21.7	0.78	1205	0.77	<0.01	0.62
C203927		108.0	3.83	4.78	0.13	0.07	0.03	0.095	0.06	49.4	24.9	0.61	1240	0.99	<0.01	0.40
C203928		133.0	3.54	3.35	0.09	0.09	0.03	0.054	0.06	26.0	14.7	0.64	2000	0.93	<0.01	0.29
C203929		132.0	2.87	3.89	0.08	0.06	0.04	0.032	0.08	21.7	24.0	0.65	770	1.01	<0.01	0.46
C203930		45.9	2.77	4.43	0.12	0.08	0.05	0.028	0.06	45.1	25.1	0.61	664	1.17	0.01	0.75
C203931		42.5	2.75	4.14	0.11	0.08	0.05	0.027	0.05	40.2	24.1	0.59	612	0.88	<0.01	0.69
C203932		93.6	4.41	8.08	0.33	0.19	0.09	0.095	0.08	115.5	37.2	0.62	1125	2.29	<0.01	0.89
C203933		47.3	3.83	5.80	0.07	0.03	0.07	0.036	0.04	21.1	16.1	0.27	239	3.13	<0.01	0.86
C203934		45.3	4.24	5.87	0.08	0.02	0.04	0.034	0.05	41.1	25.2	0.35	409	2.60	0.01	1.15
C203935		31.5	18.70	0.71	0.22	0.07	0.20	0.134	0.01	16.3	2.0	0.07	6780	13.20	<0.01	0.10
C203936		41.3	5.41	7.62	0.10	0.02	0.05	0.033	0.05	24.8	15.3	0.22	244	4.94	<0.01	1.09
C203937		36.9	3.25	5.79	0.18	0.06	0.01	0.043	0.15	99.8	30.6	0.63	291	1.13	0.02	0.06
C203938		63.9	6.36	5.36	0.12	0.05	0.09	0.074	0.07	55.2	22.5	0.25	241	7.55	0.02	0.83
C203939		48.3	5.32	7.10	0.12	0.04	0.09	0.055	0.10	32.7	37.4	0.76	3400	2.47	<0.01	0.96
C203940		11.5	2.52	3.19	0.07	0.03	0.02	0.023	0.05	16.2	19.1	0.65	4110	0.81	<0.01	0.23
C203941		121.0	3.89	2.74	0.11	0.10	0.06	0.089	0.04	23.2	15.3	0.75	4340	1.17	<0.01	0.11
C203942		31.5	4.60	6.55	0.07	0.02	0.04	0.041	0.05	14.0	17.7	0.60	779	3.57	<0.01	0.89
C203943		170.5	6.05	6.20	0.12	0.10	0.05	0.087	0.05	39.4	24.2	1.03	3100	7.05	0.02	0.17
C203944		449.0	9.18	2.83	0.13	0.14	0.05	0.099	0.03	14.3	9.3	0.88	7110	15.30	0.01	0.10
C203945		653.0	16.00	4.20	0.18	0.15	0.11	0.275	0.03	16.6	8.4	0.39	11300	10.50	0.02	0.13
C203946		794.0	12.60	4.18	0.17	0.15	0.37	0.425	0.06	33.5	14.9	0.93	17850	15.40	0.02	0.17
C203947		539.0	7.63	5.54	0.14	0.15	0.17	0.185	0.11	58.6	26.2	1.43	8050	20.00	0.02	0.18
C203948		31.1	10.90	6.24	0.24	0.14	0.15	0.263	0.02	8.7	58.3	4.53	13050	5.47	0.01	0.12
C203949		59.9	7.52	3.29	0.16	0.19	0.26	0.155	0.14	67.4	17.3	0.57	10600	11.85	0.01	0.17
C203950		1.1	0.03	0.07	<0.05	0.03	<0.01	<0.005	<0.01	0.7	0.2	<0.01	30	0.10	<0.01	<0.05
C203951		93.4	7.35	3.31	0.13	0.09	0.37	0.253	0.07	45.3	12.5	0.71	10100	5.49	0.01	0.24
C203952		330.0	14.70	5.33	0.22	0.15	0.15	0.644	0.04	98.6	13.4	0.84	19300	20.20	0.01	0.52
C203953		43.5	5.34	4.54	0.16	0.07	0.04	0.098	0.11	82.1	22.1	1.54	3430	5.86	0.01	0.16

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	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C203914		58.3	1130	38.0	9.5	<0.001	0.09	3.80	2.6	1.5	0.4	17.5	0.01	0.16	12.2	0.018
C203915		17.7	770	23.5	6.6	<0.001	0.06	1.33	1.2	0.8	0.3	4.0	<0.01	0.08	4.3	0.011
C203916		15.4	700	29.8	9.9	<0.001	0.04	1.43	1.1	0.6	0.4	5.5	<0.01	0.08	3.4	0.011
C203917		28.9	770	27.5	7.8	<0.001	0.04	1.24	2.1	0.6	0.3	5.4	0.01	0.09	12.0	0.021
C203918		22.6	660	13.5	4.2	<0.001	0.03	0.45	2.4	0.9	0.3	2.6	0.01	0.05	18.0	0.012
C203919		33.2	510	5.6	3.7	<0.001	0.01	0.45	2.6	<0.2	0.2	3.5	<0.01	0.04	18.9	0.013
C203920		35.0	570	4.3	3.3	<0.001	<0.01	0.31	3.0	0.4	0.3	3.6	<0.01	0.03	18.7	0.014
C203921		23.1	1450	77.0	6.5	0.001	0.12	5.47	2.4	2.3	0.3	4.8	0.02	0.26	51.1	0.031
C203922		12.6	890	34.1	11.5	<0.001	0.08	1.89	1.0	0.9	0.4	7.1	<0.01	0.11	2.4	0.013
C203923		48.2	810	20.7	9.7	<0.001	0.04	0.54	4.2	1.0	0.2	3.5	0.01	0.09	21.2	0.009
C203924		35.0	370	10.1	6.8	<0.001	0.01	0.43	2.8	0.4	0.2	2.6	0.01	0.05	15.2	0.012
C203925		13.5	640	20.1	12.0	<0.001	0.04	0.83	1.1	0.4	0.4	3.6	<0.01	0.07	1.3	0.020
C203926		45.4	760	34.1	8.1	<0.001	0.01	2.34	2.8	0.5	0.2	8.6	0.01	0.06	13.8	0.031
C203927		39.4	740	38.5	11.4	<0.001	0.02	1.02	2.8	0.5	0.3	8.2	0.01	0.08	12.2	0.015
C203928		22.9	810	51.4	9.5	<0.001	0.05	0.88	2.9	0.9	0.2	11.8	<0.01	0.06	6.3	0.009
C203929		22.1	590	16.8	13.3	<0.001	0.04	0.57	2.4	0.5	0.3	8.9	<0.01	0.09	5.3	0.013
C203930		26.2	800	11.3	11.0	<0.001	0.06	0.66	2.8	1.1	0.3	13.5	0.01	0.06	6.6	0.018
C203931		24.2	700	12.3	9.8	<0.001	0.05	0.70	2.7	1.1	0.2	11.8	0.01	0.06	7.1	0.018
C203932		59.7	720	61.6	13.6	<0.001	0.03	1.51	4.8	1.8	0.5	10.7	0.01	0.09	19.5	0.020
C203933		18.8	910	26.3	7.9	<0.001	0.07	1.34	1.1	1.0	0.5	11.2	0.01	0.12	2.3	0.016
C203934		23.6	730	18.2	10.8	<0.001	0.07	1.44	1.9	0.7	0.5	23.7	0.01	0.09	5.0	0.024
C203935		16.6	390	42.2	1.1	<0.001	1.25	6.72	2.4	1.0	<0.2	17.8	0.01	0.13	1.6	<0.005
C203936		31.0	730	26.1	10.3	<0.001	0.07	3.21	1.6	0.9	0.6	18.4	<0.01	0.13	4.9	0.023
C203937		18.1	380	84.0	14.5	0.001	0.12	1.21	2.2	0.8	0.5	27.5	0.01	0.04	19.3	<0.005
C203938		19.2	1290	159.5	8.7	<0.001	0.19	4.77	1.9	2.2	0.5	56.3	0.01	0.27	20.6	0.018
C203939		28.9	820	81.2	21.0	<0.001	0.06	1.19	2.6	0.7	0.4	8.5	0.01	0.10	12.3	0.031
C203940		11.6	630	30.6	11.2	<0.001	0.04	0.39	1.2	0.5	0.2	3.7	<0.01	0.06	2.1	0.027
C203941		23.5	720	177.5	6.9	<0.001	0.04	1.37	2.5	0.8	<0.2	7.6	0.01	0.07	6.0	0.008
C203942		22.1	850	21.6	8.7	<0.001	0.08	1.26	3.4	1.0	0.6	7.3	<0.01	0.18	1.7	0.031
C203943		41.0	1110	10.4	10.0	0.001	0.06	0.97	12.6	1.0	0.3	6.9	<0.01	0.24	9.0	0.008
C203944		70.8	1270	16.8	2.9	<0.001	0.15	2.44	9.6	1.2	0.2	7.5	<0.01	0.29	8.4	0.005
C203945		89.7	1070	27.2	7.2	<0.001	0.08	3.01	42.2	2.7	0.2	4.2	0.01	0.83	15.7	0.006
C203946		23.2	1050	25.7	6.1	0.001	0.06	2.47	5.9	1.1	0.4	7.8	0.01	0.23	6.1	0.010
C203947		28.9	980	16.4	8.9	0.001	0.07	1.22	8.7	1.1	0.6	9.1	<0.01	0.30	13.2	0.010
C203948		15.2	1530	41.4	2.2	<0.001	0.57	1.03	5.4	1.0	0.3	11.0	<0.01	0.18	2.6	0.005
C203949		36.6	760	17.0	13.1	<0.001	0.06	0.80	8.2	1.9	0.5	6.8	0.01	0.35	16.9	0.014
C203950		0.3	10	1.2	0.2	<0.001	0.02	<0.05	0.1	<0.2	<0.2	0.6	<0.01	0.01	0.3	<0.005
C203951		29.1	1040	10.3	10.3	<0.001	0.03	0.75	7.5	1.1	0.6	4.4	0.01	0.31	9.4	0.024
C203952		75.0	1550	36.9	7.4	<0.001	0.09	2.96	9.8	2.3	0.5	10.4	0.01	0.62	4.8	0.008
C203953		24.1	1620	9.7	7.5	<0.001	0.02	1.20	10.0	0.7	0.6	4.6	<0.01	0.17	19.8	0.012

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	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C203914		0.13	5.08	29	0.17	18.35	227	<0.5
C203915		0.06	1.58	20	0.13	5.21	74	<0.5
C203916		0.09	1.62	26	0.15	5.87	87	<0.5
C203917		0.07	1.76	27	0.15	7.84	89	0.6
C203918		0.02	1.84	23	0.06	5.62	51	0.6
C203919		<0.02	2.64	18	<0.05	9.33	74	<0.5
C203920		<0.02	2.49	20	<0.05	11.65	68	<0.5
C203921		0.13	4.83	20	0.28	14.15	166	0.7
C203922		0.13	1.74	23	0.26	5.92	81	<0.5
C203923		0.09	3.14	22	0.07	18.15	177	0.5
C203924		0.04	1.42	22	0.06	8.76	99	<0.5
C203925		0.10	0.88	34	0.13	4.26	81	<0.5
C203926		0.09	1.96	22	0.08	14.10	1480	1.1
C203927		0.07	2.84	24	0.10	19.20	641	0.9
C203928		0.06	1.42	14	0.06	18.55	147	1.7
C203929		0.14	1.62	21	0.08	9.60	95	0.9
C203930		0.08	2.13	19	0.29	22.20	88	1.2
C203931		0.08	2.07	19	0.16	19.45	86	1.3
C203932		0.17	5.62	38	0.32	44.30	492	2.8
C203933		0.10	1.71	32	0.24	8.52	117	<0.5
C203934		0.13	1.91	32	0.21	10.25	133	<0.5
C203935		33.40	1.21	2	0.37	26.60	35	0.9
C203936		0.29	2.25	43	0.25	9.39	125	<0.5
C203937		0.20	2.17	13	0.05	22.70	216	0.8
C203938		0.17	3.83	25	0.23	13.75	185	0.9
C203939		0.19	1.67	37	0.13	12.75	170	0.6
C203940		0.13	0.95	11	<0.05	7.93	66	<0.5
C203941		0.06	1.46	8	0.05	29.20	384	1.5
C203942		0.21	1.05	49	0.24	3.24	59	<0.5
C203943		0.88	15.15	40	0.21	13.60	29	1.8
C203944		0.16	3.13	19	0.22	15.60	29	3.5
C203945		1.90	6.25	38	0.20	25.60	56	2.7
C203946		13.35	4.59	34	0.72	13.75	37	3.0
C203947		9.09	7.53	38	0.71	14.15	32	3.5
C203948		15.90	3.33	70	0.72	15.35	34	3.3
C203949		0.59	9.97	25	0.53	26.60	34	3.8
C203950		0.03	0.11	<1	<0.05	0.69	3	0.7
C203951		2.50	3.74	37	1.13	22.40	27	1.5
C203952		0.74	8.72	50	0.77	34.10	327	2.4
C203953		0.08	9.56	35	0.29	12.65	47	1.5

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Project: Werneckles

CERTIFICATE OF ANALYSIS VA06089492

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C203954		0.52	0.014	0.36	2.14	50.7	<10	230	1.05	5.55	0.56	0.25	66.00	83.1	16	2.84
C203955		0.36	0.010	0.16	1.67	33.9	<10	200	0.63	3.27	0.56	0.19	35.70	45.8	10	1.66
C203956		0.68	0.011	0.33	1.57	57.5	<10	70	0.50	1.84	4.16	0.03	45.30	71.4	14	1.33
C203957		0.62	0.017	0.16	2.05	42.0	<10	70	0.57	1.72	5.19	0.05	31.20	72.5	10	1.29
C203958		0.62	0.018	0.16	1.64	105.5	<10	40	0.93	5.81	1.41	0.04	35.70	62.6	9	1.08
C203959		0.58	0.010	0.68	2.98	287.0	<10	110	2.70	2.98	0.05	0.43	282.00	142.0	25	4.23
C203960		0.56	0.009	0.25	2.92	44.4	<10	60	1.83	3.75	0.05	0.12	229.00	74.3	26	5.37
C203961		0.50	0.012	0.46	2.45	113.0	<10	100	2.44	7.80	0.07	0.16	65.50	29.7	29	6.37
C203962		0.58	0.010	0.18	2.27	35.2	<10	80	1.63	2.53	0.09	0.21	161.50	58.3	27	3.43
C203963		0.62	0.012	0.81	2.20	47.2	<10	90	1.06	1.54	0.05	0.17	50.50	126.5	26	3.39
C203964		0.34	0.017	0.18	2.08	65.5	<10	180	1.21	3.82	0.24	0.20	44.00	40.3	25	2.76
C203965		0.36	<0.005	0.08	0.54	5.7	<10	140	0.86	0.16	2.28	0.37	15.45	7.5	<1	0.64
C203966		0.44	0.009	0.24	2.68	38.1	<10	80	1.08	1.64	0.09	0.10	59.80	38.9	30	3.48
C203967		0.42	<0.005	0.19	1.68	128.5	<10	60	0.67	0.75	0.05	0.12	45.20	21.0	24	2.48
C203968		0.38	0.009	0.15	1.96	26.9	<10	200	1.62	1.12	0.11	0.70	94.20	36.2	17	3.37
C203969		0.44	0.013	0.12	2.43	40.2	<10	190	1.27	0.86	0.50	0.33	66.10	39.3	24	2.21
C203970		0.52	0.006	0.25	1.59	9.3	<10	90	0.62	0.40	0.10	0.14	36.70	11.0	19	2.57
C203971		0.54	0.005	0.32	1.68	9.3	<10	100	0.76	0.43	0.11	0.17	39.20	11.5	21	2.77
C203972		0.30	0.007	0.15	0.80	3.9	<10	60	0.26	0.21	0.07	0.23	26.60	3.5	17	2.29
C203973		0.62	<0.005	0.10	1.32	7.0	<10	90	0.74	0.30	0.08	0.14	63.10	9.4	15	2.72
C203974		0.56	<0.005	0.04	1.38	8.0	<10	100	0.83	0.34	0.12	0.19	72.70	12.8	17	2.36
C203975		0.68	0.006	0.02	1.72	9.7	<10	100	0.66	0.24	0.19	0.22	48.90	11.7	27	1.15
C203976		0.38	<0.005	0.06	2.35	10.9	<10	140	0.47	0.53	0.09	0.15	33.30	6.5	32	2.44
C203977		0.30	0.008	0.07	1.71	5.5	<10	260	0.94	0.31	0.52	0.19	32.80	9.1	22	1.35
C203978		0.54	0.006	0.11	1.71	6.0	<10	500	0.99	0.36	1.10	0.29	32.30	10.6	18	1.56
C203979		0.54	<0.005	0.09	1.30	7.2	<10	460	0.99	0.33	1.09	0.18	24.00	11.4	16	2.09
C203980		0.64	<0.005	0.03	1.05	4.1	<10	110	0.50	0.29	0.12	0.06	72.70	10.7	12	1.25
C203981		0.74	<0.005	0.04	1.45	6.1	<10	140	0.72	0.40	0.16	0.13	66.20	13.1	16	1.65
C203982		0.50	<0.005	0.17	1.22	9.1	<10	150	1.23	0.39	0.47	0.21	57.60	19.2	13	2.11
C203983		0.64	<0.005	0.15	1.38	9.0	<10	190	1.41	0.45	0.87	0.18	49.90	16.0	13	2.78
C203984		0.60	<0.005	0.11	0.71	9.0	10	150	1.18	0.44	3.47	0.17	38.70	17.7	8	3.40
C203985		0.54	<0.005	0.15	0.72	10.5	<10	130	1.13	0.39	4.07	0.20	34.20	16.8	7	2.26
C203986		0.36	<0.005	0.15	1.34	10.9	10	280	1.53	0.52	2.22	0.13	22.80	16.7	13	4.39
C203987		0.48	<0.005	0.59	1.32	31.6	<10	490	1.88	0.62	1.61	0.18	28.00	22.5	11	3.66
C203988		0.50	0.007	0.11	2.14	4.2	<10	320	1.65	0.45	0.56	0.19	49.90	18.7	20	1.57
C203989		0.52	0.009	0.10	2.19	7.4	<10	310	1.81	0.44	0.43	0.18	59.60	15.9	21	2.65
C203990		0.44	0.016	0.09	1.73	5.5	<10	280	1.39	0.41	0.67	0.20	55.00	16.9	17	1.66
C203991		0.74	<0.005	0.10	1.30	7.4	<10	190	1.06	0.34	0.24	0.15	64.30	16.8	15	2.19
C203992		0.54	<0.005	0.06	1.12	6.7	<10	40	0.36	0.33	0.05	0.10	56.50	6.4	14	1.95
C203993		0.56	<0.005	0.04	1.36	6.5	<10	50	0.53	0.30	0.05	0.14	59.50	8.4	14	1.81

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Finalized Date: 7-OCT-2006
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Project: Werneckles

CERTIFICATE OF ANALYSIS VA06089492

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C203954		671.0	17.55	7.61	0.26	0.18	0.10	0.626	0.04	33.8	19.2	1.56	13300	41.70	0.01	0.26
C203955		101.5	18.10	5.46	0.22	0.15	0.06	0.836	0.03	15.8	14.3	1.42	19700	18.80	0.01	0.18
C203956		201.0	20.00	8.11	0.29	0.16	0.03	0.221	0.03	25.0	15.2	1.73	9340	27.01	0.02	0.11
C203957		106.0	17.60	7.16	0.35	0.14	0.04	0.310	0.02	15.5	24.7	4.88	8840	37.20	0.01	0.11
C203958		197.5	8.46	4.27	0.14	0.12	0.01	0.515	0.05	16.0	17.6	5.09	6740	18.40	0.02	0.06
C203959		565.0	8.86	7.61	0.34	0.18	0.11	0.164	0.07	118.0	29.7	0.81	5450	10.40	0.02	1.05
C203960		249.0	6.44	6.71	0.16	0.09	0.09	0.074	0.06	56.2	29.7	0.66	2030	6.53	0.02	1.55
C203961		117.0	6.63	6.49	0.12	0.05	0.05	0.048	0.07	31.2	30.9	0.55	595	8.78	0.02	0.62
C203962		284.0	5.83	6.68	0.20	0.09	0.09	0.104	0.06	63.2	24.7	0.62	1765	3.86	0.01	1.12
C203963		27.6	5.87	6.07	0.09	0.03	0.08	0.154	0.05	23.1	25.9	0.48	2840	5.92	0.01	0.50
C203964		127.0	6.31	5.65	0.10	0.05	0.06	0.164	0.06	22.2	19.6	0.76	3130	6.81	0.02	0.56
C203965		11.4	28.70	3.49	0.32	0.14	0.12	0.307	0.02	6.3	1.9	0.81	49900	0.72	0.02	0.13
C203966		83.2	5.91	6.96	0.10	0.05	0.03	0.039	0.08	28.1	38.4	0.95	1490	5.31	0.02	0.61
C203967		45.6	4.93	4.87	0.08	0.03	0.06	0.038	0.06	19.7	19.6	0.46	736	2.54	0.02	0.40
C203968		56.3	9.69	5.64	0.17	0.14	0.11	0.753	0.04	27.3	19.7	0.41	13600	5.12	0.01	0.37
C203969		46.5	7.33	5.41	0.11	0.09	0.10	0.398	0.06	24.9	21.5	0.56	7800	4.08	0.02	0.40
C203970		16.5	3.39	5.37	0.07	0.02	0.04	0.022	0.07	16.4	19.6	0.42	368	1.66	0.01	0.90
C203971		17.1	3.44	5.71	0.07	0.02	0.04	0.023	0.07	17.6	19.9	0.42	337	1.93	0.02	0.99
C203972		10.5	1.74	2.83	<0.05	<0.02	0.09	0.011	0.05	12.2	5.3	0.20	262	1.63	0.02	0.74
C203973		19.7	2.90	3.82	0.08	0.02	0.06	0.019	0.06	28.1	14.7	0.36	602	1.04	0.01	1.07
C203974		29.0	2.83	3.71	0.09	0.03	0.03	0.020	0.06	30.5	14.4	0.37	542	0.94	0.01	1.10
C203975		21.3	2.73	4.03	0.07	0.04	0.02	0.022	0.05	23.3	11.5	0.42	367	1.11	0.01	1.15
C203976		18.9	4.25	7.71	0.06	0.03	0.04	0.042	0.08	17.1	17.4	0.38	331	1.51	0.01	1.53
C203977		30.3	2.97	4.23	0.07	0.08	0.07	0.049	0.06	18.7	17.1	0.58	879	0.88	0.01	0.62
C203978		41.6	3.20	4.18	0.07	0.08	0.08	0.056	0.06	15.7	16.5	0.58	1210	1.04	0.02	0.53
C203979		29.6	3.69	3.36	0.07	0.07	0.05	0.051	0.06	11.1	13.4	0.40	872	0.98	0.02	0.32
C203980		21.4	2.42	3.09	0.10	0.04	0.01	0.015	0.08	32.4	10.8	0.31	605	0.65	0.01	0.82
C203981		36.7	3.00	3.89	0.10	0.05	0.02	0.026	0.08	28.1	17.4	0.48	719	0.90	0.01	0.81
C203982		42.9	3.73	3.04	0.11	0.09	0.10	0.047	0.09	28.4	14.2	0.32	893	1.08	0.02	0.56
C203983		35.0	4.42	3.46	0.11	0.11	0.08	0.068	0.08	24.7	16.3	0.33	834	1.04	0.01	0.36
C203984		34.1	3.80	1.81	0.09	0.08	0.19	0.037	0.12	19.3	8.3	0.24	394	1.08	0.02	0.12
C203985		45.8	3.47	1.82	0.08	0.08	0.25	0.046	0.09	15.7	8.3	0.27	759	1.84	0.01	0.11
C203986		69.0	3.24	3.10	0.08	0.12	0.16	0.064	0.08	12.4	19.7	0.49	882	0.99	0.02	0.20
C203987		105.5	4.62	3.26	0.08	0.11	0.15	0.203	0.08	13.0	22.1	0.66	1440	1.24	0.01	0.17
C203988		111.0	4.25	6.07	0.11	0.09	0.08	0.085	0.08	27.1	40.6	1.43	1195	0.98	0.01	0.36
C203989		93.7	3.94	5.75	0.09	0.10	0.08	0.079	0.08	28.7	30.5	0.92	1120	1.31	0.01	0.58
C203990		99.4	3.52	4.44	0.10	0.10	0.07	0.067	0.07	26.6	26.5	0.94	1235	1.10	0.01	0.41
C203991		60.2	3.25	3.64	0.12	0.08	0.09	0.051	0.09	33.9	15.4	0.55	1070	0.88	<0.01	0.51
C203992		20.1	2.86	5.10	0.07	0.03	0.05	0.032	0.06	25.7	8.5	0.19	319	1.49	<0.01	1.14
C203993		22.1	2.69	4.54	0.09	0.06	0.03	0.020	0.06	27.2	10.4	0.22	366	1.29	<0.01	1.12

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	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C203954		106.5	1230	21.5	7.4	<0.001	0.11	3.79	17.2	2.7	0.5	11.5	0.02	0.46	8.9	0.009
C203955		41.7	850	9.7	5.2	<0.001	0.06	1.11	8.1	1.3	0.3	11.3	0.01	0.17	5.0	0.008
C203956		67.8	620	10.8	2.9	<0.001	0.29	2.43	9.9	1.9	0.5	17.7	0.01	0.36	7.4	<0.005
C203957		51.5	710	9.2	1.5	<0.001	0.23	0.94	7.4	2.0	1.0	24.6	0.01	0.49	3.9	<0.005
C203958		55.0	590	7.9	3.7	<0.001	0.11	1.96	6.7	1.1	0.2	10.1	<0.01	0.15	9.5	<0.005
C203959		182.5	1720	25.7	8.7	<0.001	0.09	2.98	5.3	2.3	0.4	7.4	0.02	0.27	29.9	0.022
C203960		84.8	1300	25.9	9.9	<0.001	0.12	3.25	2.5	1.8	0.4	6.4	0.01	0.21	24.1	0.015
C203961		59.9	1250	22.5	9.8	<0.001	0.13	4.64	3.2	2.4	0.4	11.9	<0.01	0.44	22.5	0.028
C203962		72.1	1060	20.9	10.5	<0.001	0.05	2.70	4.0	1.6	0.5	9.3	0.01	0.27	12.5	0.027
C203963		42.3	1130	30.6	11.9	<0.001	0.10	1.64	4.2	1.7	0.5	6.6	0.01	0.28	3.1	0.020
C203964		36.2	1180	18.5	11.5	<0.001	0.11	1.51	5.3	1.1	0.5	10.9	0.01	0.20	5.4	0.017
C203965		15.3	850	11.7	2.5	<0.001	0.07	0.27	187.5	0.9	<0.2	23.0	0.03	0.06	2.2	0.005
C203966		45.8	760	14.5	8.4	<0.001	0.08	1.22	3.6	0.7	0.3	5.6	0.01	0.14	27.0	0.006
C203967		20.3	1010	12.5	9.4	<0.001	0.10	1.63	1.7	0.8	0.3	4.9	<0.01	0.27	11.4	0.012
C203968		35.0	1300	20.9	8.0	<0.001	0.10	1.40	41.9	1.6	0.3	6.5	0.03	0.22	10.8	0.011
C203969		28.5	1590	15.6	11.5	<0.001	0.12	0.90	6.2	1.0	0.4	8.4	0.01	0.17	9.2	0.012
C203970		15.9	640	11.8	11.4	<0.001	0.04	1.29	2.1	0.4	0.4	11.1	<0.01	0.09	20.3	0.018
C203971		17.1	660	12.7	12.6	<0.001	0.05	1.34	2.2	0.4	0.5	11.9	<0.01	0.08	21.3	0.018
C203972		10.3	1320	6.0	7.5	<0.001	0.09	0.58	0.7	0.5	0.3	4.6	<0.01	0.04	1.2	0.009
C203973		13.4	550	9.5	9.7	<0.001	0.04	0.71	1.5	0.4	0.3	5.9	0.01	0.04	8.6	0.018
C203974		17.6	440	10.5	8.3	<0.001	0.02	0.69	2.0	0.3	0.3	8.6	<0.01	0.03	12.4	0.031
C203975		21.6	600	11.0	7.5	<0.001	0.02	0.65	3.5	0.4	0.4	13.5	0.01	0.04	5.8	0.061
C203976		15.3	520	18.1	12.4	<0.001	0.04	0.58	3.3	0.5	0.8	9.3	<0.01	0.08	6.3	0.022
C203977		16.8	890	12.4	13.0	<0.001	0.08	0.38	4.8	0.8	0.5	13.6	0.01	0.09	2.6	0.016
C203978		17.5	1360	10.6	10.2	<0.001	0.10	0.40	4.6	1.0	0.4	17.6	0.01	0.17	1.6	0.013
C203979		17.0	1020	13.5	9.6	<0.001	0.09	0.49	3.5	0.9	0.4	22.1	<0.01	0.08	1.3	0.011
C203980		13.0	370	5.9	8.1	<0.001	<0.01	0.35	2.1	0.3	0.2	5.8	<0.01	0.04	13.7	0.016
C203981		19.0	510	9.4	9.8	<0.001	0.01	0.46	2.6	0.3	0.3	8.5	<0.01	0.08	12.2	0.020
C203982		29.0	530	32.1	8.6	<0.001	0.02	0.83	5.3	0.5	0.4	25.0	0.01	0.04	9.3	0.022
C203983		26.0	580	31.7	9.9	<0.001	0.06	0.86	5.5	0.6	0.5	46.4	0.01	0.06	4.9	0.008
C203984		30.6	840	39.7	8.4	<0.001	0.08	0.76	5.3	0.7	0.7	99.8	<0.01	0.05	4.8	<0.005
C203985		28.6	630	60.8	6.8	<0.001	0.09	1.19	4.3	1.2	0.4	61.0	<0.01	0.09	2.5	<0.005
C203986		22.9	1080	19.3	7.8	<0.001	0.15	0.68	4.9	1.6	0.4	39.8	0.01	0.14	2.3	<0.005
C203987		28.6	810	27.3	7.4	0.001	0.13	1.12	5.5	1.6	0.3	26.7	0.01	0.24	2.8	0.005
C203988		33.9	890	11.3	8.8	<0.001	0.06	0.33	9.4	1.2	0.4	12.0	0.01	0.36	3.0	0.012
C203989		26.9	860	13.6	12.5	0.001	0.05	0.41	7.6	0.8	0.5	14.0	0.01	0.29	5.8	0.011
C203990		23.6	820	11.1	8.8	<0.001	0.06	0.39	7.1	1.1	0.3	12.2	0.01	0.22	4.2	0.010
C203991		21.3	520	12.4	8.4	<0.001	0.02	0.63	6.5	0.5	0.3	9.7	<0.01	0.11	13.5	0.018
C203992		11.6	380	9.8	12.8	<0.001	0.04	0.60	1.9	0.3	0.5	4.3	<0.01	0.05	11.1	0.019
C203993		12.7	350	10.0	11.3	<0.001	0.03	0.61	2.0	0.4	0.4	4.8	0.01	0.05	12.6	0.020

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 7-OCT-2006
Account: EIA

Project: Werneckles

CERTIFICATE OF ANALYSIS VA06089492

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C203954		0.35	10.00	71	0.42	40.40	55	3.4
C203955		0.23	5.19	45	0.33	27.00	41	2.7
C203956		0.38	8.67	68	0.44	25.00	25	5.6
C203957		0.23	10.65	68	0.89	26.20	31	4.4
C203958		0.16	6.42	30	0.20	15.35	18	4.1
C203959		0.20	13.50	37	0.22	39.80	116	3.3
C203960		0.20	8.23	34	0.42	13.35	70	1.5
C203961		0.17	6.16	41	0.18	8.27	77	1.0
C203962		0.20	4.30	46	0.32	18.70	83	1.4
C203963		0.21	3.58	45	0.19	11.15	72	<0.5
C203964		0.27	5.66	44	0.28	14.60	65	0.8
C203965		0.12	1.10	14	0.21	77.20	52	<0.5
C203966		0.09	6.32	28	0.09	11.95	36	0.9
C203967		0.12	3.33	27	0.11	4.92	51	0.6
C203968		0.16	2.47	29	0.17	45.00	72	0.7
C203969		0.16	3.65	37	0.15	18.65	59	1.4
C203970		0.10	2.24	36	0.25	4.59	40	0.7
C203971		0.12	2.44	37	0.29	4.91	41	0.6
C203972		0.09	1.27	22	0.17	2.71	21	<0.5
C203973		0.08	1.53	27	0.31	6.04	41	<0.5
C203974		0.08	1.94	33	0.29	7.43	50	0.5
C203975		0.10	1.31	49	0.35	7.38	59	1.0
C203976		0.26	1.22	66	0.30	4.39	60	0.8
C203977		0.10	1.45	35	0.20	19.80	57	1.2
C203978		0.11	0.95	32	0.13	21.10	54	1.3
C203979		0.08	1.11	27	0.10	14.10	64	1.1
C203980		0.05	1.65	20	0.16	7.31	31	1.0
C203981		0.07	1.47	27	0.14	8.41	48	1.0
C203982		0.12	0.89	25	0.10	19.55	82	2.6
C203983		0.13	0.74	25	0.09	24.00	73	2.0
C203984		0.19	0.69	14	<0.05	16.40	121	2.1
C203985		0.20	0.58	18	<0.05	19.25	115	1.4
C203986		0.10	1.05	19	0.06	27.90	63	1.9
C203987		0.12	0.73	20	0.07	22.90	98	2.4
C203988		0.09	0.61	38	0.15	31.20	86	1.4
C203989		0.14	1.21	40	0.20	26.40	70	1.5
C203990		0.10	0.87	29	0.15	30.40	62	1.8
C203991		0.10	1.64	27	0.19	21.60	58	2.0
C203992		0.13	1.18	32	0.24	4.84	34	0.9
C203993		0.11	1.22	31	0.23	5.30	40	1.5

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Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C203417		0.62	<0.005	0.20	1.35	30.2	<10	70	0.89	1.79	0.08	0.31	65.60	50.1	15	2.39
C203418		0.58	<0.005	0.05	1.48	5.6	<10	80	1.18	0.40	0.20	0.16	54.90	12.0	24	1.95
C203419		0.56	0.014	0.13	2.95	4.3	<10	570	2.66	0.46	0.34	0.18	203.00	18.6	36	6.18
C203420		0.50	0.012	0.04	1.62	8.4	<10	70	0.93	0.23	0.07	0.21	34.30	6.2	25	2.13
C203421		0.46	0.011	0.08	2.16	7.0	<10	90	2.36	0.33	0.43	0.20	93.00	12.5	32	3.04
C203422		0.42	<0.005	0.20	1.54	12.0	<10	60	1.00	0.89	0.05	0.17	82.30	11.0	24	5.82
C203423		0.48	0.007	0.08	1.08	29.2	<10	40	0.32	0.78	0.05	0.08	36.80	7.1	19	2.35
C203424		0.40	0.005	0.10	1.92	23.2	<10	150	1.32	0.83	0.52	0.86	87.40	33.6	21	3.03
C203425		0.60	<0.005	0.24	1.58	25.8	<10	50	1.27	0.87	0.05	0.30	118.50	13.5	18	2.22
C203426		0.28	0.005	0.20	0.58	6.1	<10	90	0.47	0.37	0.12	0.42	19.80	3.6	10	1.60
C203427		0.48	0.013	0.25	2.02	58.3	<10	70	1.82	3.16	0.05	0.14	46.90	10.3	26	3.53
C203428		0.48	0.007	0.36	1.86	66.3	<10	50	2.07	1.54	0.03	0.15	53.80	10.0	21	2.14
C203429		0.60	0.005	0.25	2.45	37.7	<10	80	1.48	1.33	0.07	0.12	51.00	4.9	23	4.07
C203430		0.06	<0.005	0.01	0.01	0.2	<10	<10	<0.05	0.01	<0.01	0.03	1.12	0.1	<1	<0.05
C203431		0.48	0.010	0.25	0.77	33.7	<10	30	0.85	0.97	0.08	0.12	32.50	4.5	14	2.05
C203432		0.44	<0.005	0.38	2.27	41.2	<10	80	1.45	1.33	0.04	0.22	65.00	8.3	24	3.19
C203433		0.54	<0.005	0.11	0.82	13.0	<10	30	0.34	0.66	0.02	0.08	38.20	2.0	8	1.83
C203434		0.44	<0.005	0.66	1.29	26.5	<10	50	1.34	1.18	0.04	0.26	105.00	4.4	17	2.57
C203435		0.56	0.007	0.43	2.30	36.4	<10	70	3.42	1.65	0.04	0.65	258.00	16.8	23	5.93
C203436		0.52	<0.005	0.37	1.70	22.9	<10	110	1.76	1.22	0.07	0.58	124.50	8.3	21	3.00
C203437		0.60	0.006	0.47	1.97	23.5	<10	80	1.17	0.85	0.03	0.55	111.00	5.1	22	2.04
C203438		0.60	<0.005	0.08	1.28	15.1	<10	60	0.57	0.55	0.04	0.07	35.10	5.7	17	3.27
C203439		0.56	0.005	0.24	1.23	18.4	<10	60	0.81	1.01	0.05	0.26	60.40	5.4	16	1.87
C203440		0.50	0.005	0.36	1.60	35.9	<10	90	0.88	1.14	0.15	0.40	85.10	21.0	22	3.10
C203441		0.72	0.010	0.26	1.27	32.8	<10	30	0.56	0.96	0.03	0.21	59.20	12.3	17	0.79
C203442		0.48	0.005	0.15	1.36	40.5	<10	50	0.58	0.59	0.15	0.36	39.50	17.3	16	1.51
C203443		0.58	0.005	0.05	1.36	10.1	<10	70	0.74	0.37	0.24	0.10	57.40	10.5	22	1.73
C203444		0.54	<0.005	0.05	1.20	7.4	<10	60	0.56	0.31	0.16	0.16	57.80	8.6	18	1.79
C203445		0.44	0.016	0.22	1.05	10.0	<10	70	0.91	0.42	0.24	0.62	69.40	6.0	19	3.46
C203446		0.68	<0.005	0.09	1.35	13.6	<10	50	0.78	0.52	0.08	0.34	67.50	11.5	18	1.71
C203447		0.52	0.008	0.21	0.78	10.6	<10	20	0.23	0.37	0.03	0.10	37.40	4.8	14	1.17
C203448		0.48	0.009	0.18	1.14	17.2	<10	80	0.31	0.49	0.08	0.07	32.20	9.7	17	1.81
C203449		0.50	<0.005	0.22	1.05	16.2	<10	80	0.28	0.48	0.09	0.06	29.60	8.8	15	1.73
C203450		0.58	<0.005	0.09	1.26	11.8	<10	160	0.36	0.41	0.36	0.18	22.20	7.6	16	0.74
C203451		0.48	0.006	0.15	1.30	16.9	<10	80	0.55	0.92	0.11	0.16	41.10	8.7	18	2.09

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CERTIFICATE OF ANALYSIS VA06089492

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C203417		83.0	3.64	3.54	0.10	0.05	0.04	0.066	0.08	30.8	18.3	0.57	2740	0.91	<0.01	0.96
C203418		66.0	2.64	5.25	0.08	0.02	0.03	0.027	0.05	23.1	22.9	0.64	701	0.81	<0.01	0.94
C203419		838.0	3.93	10.80	0.16	0.07	0.08	0.070	0.16	86.7	43.7	1.56	3990	2.99	<0.01	0.40
C203420		24.8	3.48	7.45	0.07	0.02	0.05	0.028	0.05	17.1	20.3	0.31	235	1.31	<0.01	1.56
C203421		13.3	3.23	9.22	0.09	0.02	0.05	0.051	0.06	38.2	33.0	0.68	1480	0.83	0.01	2.09
C203422		56.3	4.34	7.05	0.08	0.02	0.05	0.051	0.08	46.1	15.8	0.28	444	2.77	0.01	0.33
C203423		24.4	3.96	8.72	0.07	<0.02	0.03	0.028	0.06	17.9	8.3	0.24	325	2.72	<0.01	0.88
C203424		61.1	3.92	5.72	0.12	0.07	0.04	0.068	0.11	50.8	30.2	0.47	1500	2.98	<0.01	0.58
C203425		67.0	9.40	4.54	0.22	0.07	0.01	0.044	0.07	56.8	38.4	0.56	441	3.94	0.01	0.86
C203426		25.2	1.31	3.58	<0.05	<0.02	0.05	0.024	0.05	10.2	2.1	0.06	52	1.83	<0.01	0.38
C203427		61.9	7.36	6.42	0.12	0.04	0.05	0.055	0.05	23.7	19.3	0.34	371	10.50	<0.01	0.85
C203428		96.6	5.98	5.92	0.10	0.04	0.06	0.059	0.04	38.6	26.3	0.47	256	7.51	0.01	1.48
C203429		46.9	5.78	7.22	0.11	0.03	0.09	0.043	0.07	26.8	28.4	0.28	420	6.05	0.01	1.14
C203430		0.8	0.02	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.2	<0.01	<5	0.06	<0.01	<0.05
C203431		68.8	4.22	4.74	0.06	<0.02	0.05	0.024	0.03	18.6	4.5	0.12	84	7.99	<0.01	0.79
C203432		57.7	5.42	6.78	0.09	0.03	0.07	0.048	0.07	37.1	44.3	0.37	368	5.44	<0.01	1.31
C203433		15.5	2.07	7.95	<0.05	<0.02	0.04	0.014	0.06	24.1	3.0	0.06	78	2.39	<0.01	1.21
C203434		51.2	4.55	6.85	0.08	0.03	0.06	0.033	0.05	87.3	15.4	0.26	217	3.61	0.02	1.45
C203435		126.0	5.57	6.60	0.20	0.05	0.04	0.093	0.08	188.0	48.7	0.64	519	5.62	0.06	0.56
C203436		66.4	4.47	5.42	0.14	0.03	0.06	0.059	0.09	67.8	40.0	0.43	397	3.47	0.02	0.68
C203437		71.7	4.70	6.42	0.13	0.05	0.04	0.053	0.10	61.5	42.3	0.47	313	3.64	0.01	0.87
C203438		15.9	4.44	8.86	0.08	0.02	0.04	0.030	0.06	18.3	15.2	0.21	388	2.21	<0.01	1.38
C203439		39.4	4.56	7.30	0.08	0.02	0.04	0.050	0.05	36.0	12.8	0.18	248	2.49	<0.01	0.83
C203440		57.9	4.47	5.38	0.14	0.03	0.04	0.037	0.07	54.9	26.3	0.59	784	3.97	<0.01	0.96
C203441		54.4	6.53	4.23	0.13	0.03	0.01	0.020	0.04	35.0	16.7	0.76	601	4.59	<0.01	0.48
C203442		26.9	4.37	5.53	0.08	0.03	0.06	0.034	0.06	18.4	16.1	0.36	1540	1.93	<0.01	0.39
C203443		24.9	2.97	4.48	0.09	0.03	0.01	0.024	0.07	28.8	29.1	0.67	498	0.78	<0.01	0.80
C203444		17.7	2.35	3.98	0.10	0.04	0.01	0.022	0.06	29.9	24.3	0.49	375	1.01	<0.01	0.66
C203445		50.1	1.87	4.34	0.10	0.03	0.04	0.026	0.08	44.7	14.6	0.34	207	1.56	<0.01	0.53
C203446		35.0	2.72	4.49	0.09	0.05	0.02	0.024	0.05	35.9	41.2	0.52	410	1.53	0.01	0.52
C203447		20.5	2.34	4.00	0.06	<0.02	0.05	0.008	0.05	17.7	10.6	0.18	179	1.41	<0.01	0.48
C203448		14.8	3.35	5.56	0.05	<0.02	0.05	0.016	0.07	15.5	18.4	0.29	610	1.62	0.01	0.82
C203449		12.6	3.21	5.54	0.06	<0.02	0.08	0.015	0.07	14.2	14.2	0.25	733	1.55	<0.01	0.78
C203450		11.8	3.06	4.80	0.06	0.03	0.05	0.024	0.06	10.9	19.7	0.38	318	1.86	0.01	0.42
C203451		31.5	3.60	6.02	0.06	<0.02	0.07	0.029	0.06	19.6	22.7	0.30	393	2.06	0.01	1.18

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Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Sample Description LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C203417	38.1	840	104.0	10.8	<0.001	0.07	1.92	2.1	0.5	0.2	6.6	0.01	0.05	19.0	0.005
C203418	24.9	650	8.2	10.5	<0.001	0.05	0.50	2.8	0.3	0.5	12.3	<0.01	0.05	4.7	0.044
C203419	27.4	920	9.1	30.4	<0.001	0.08	0.33	9.1	0.8	0.9	7.7	0.01	0.12	11.8	0.012
C203420	15.4	450	10.6	14.0	<0.001	0.06	0.76	2.4	0.6	0.6	6.5	0.01	0.04	2.4	0.042
C203421	23.5	620	13.3	19.5	<0.001	0.07	0.76	4.2	0.5	0.8	61.8	0.01	0.06	5.1	0.070
C203422	21.7	1360	31.5	13.8	<0.001	0.15	2.15	1.1	1.0	0.6	8.9	<0.01	0.10	1.5	0.012
C203423	13.4	550	20.7	9.4	<0.001	0.05	1.11	1.9	0.5	0.7	5.8	<0.01	0.08	3.8	0.035
C203424	29.7	1240	36.4	32.0	<0.001	0.08	0.77	3.2	0.7	0.5	12.6	0.01	0.07	10.9	0.007
C203425	33.0	590	47.7	9.3	0.001	0.58	2.62	2.4	0.9	0.2	10.7	0.01	0.09	21.3	0.015
C203426	11.0	730	16.7	5.9	<0.001	0.06	0.95	0.9	0.6	0.6	6.4	<0.01	0.04	1.0	0.006
C203427	20.4	1210	50.1	9.8	<0.001	0.08	3.25	2.5	1.4	0.5	10.2	0.01	0.35	18.4	0.025
C203428	24.9	1080	49.4	6.3	<0.001	0.12	2.62	2.7	1.1	0.4	17.5	0.01	0.27	30.9	0.016
C203429	12.0	1070	31.5	12.9	<0.001	0.15	2.62	2.3	0.9	0.5	20.7	0.01	0.19	22.6	0.019
C203430	0.3	10	1.2	0.1	<0.001	0.03	<0.05	0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.3	<0.005
C203431	10.2	1200	24.2	6.0	<0.001	0.11	1.81	1.1	1.0	0.5	12.7	<0.01	0.17	2.2	0.019
C203432	22.1	880	36.8	16.1	<0.001	0.10	1.98	2.4	0.9	0.6	25.2	0.01	0.17	16.9	0.018
C203433	4.5	410	16.6	13.5	<0.001	0.05	1.30	1.3	0.2	0.8	6.4	<0.01	0.07	4.3	0.015
C203434	15.1	940	75.5	8.4	<0.001	0.15	1.72	1.7	1.0	0.4	17.6	0.01	0.14	14.7	0.010
C203435	41.7	1130	155.0	8.8	<0.001	0.32	3.02	2.6	1.6	0.4	37.3	0.01	0.18	24.3	0.009
C203436	25.3	1030	66.9	10.5	<0.001	0.21	7.35	2.0	1.1	0.4	20.2	<0.01	0.11	16.4	0.014
C203437	18.1	650	85.0	12.7	<0.001	0.16	3.60	2.1	0.8	0.4	13.6	<0.01	0.10	19.0	0.010
C203438	10.1	400	18.5	15.2	<0.001	0.02	0.97	1.9	0.4	0.7	5.7	<0.01	0.08	6.6	0.026
C203439	13.6	590	53.7	12.1	<0.001	0.05	3.13	1.7	0.5	0.6	11.8	<0.01	0.09	7.4	0.016
C203440	39.6	790	71.3	14.5	<0.001	0.06	1.53	2.3	0.9	0.4	15.7	0.01	0.13	9.3	0.027
C203441	35.7	790	103.0	7.5	<0.001	0.06	2.05	1.6	0.7	0.2	16.2	<0.01	0.16	18.6	0.012
C203442	33.5	670	17.2	11.1	<0.001	0.07	1.14	2.6	0.5	0.6	10.4	<0.01	0.09	7.3	0.008
C203443	23.6	310	9.7	13.6	<0.001	0.05	0.64	2.7	0.3	0.3	6.8	<0.01	0.03	12.7	0.029
C203444	18.9	450	9.5	9.6	<0.001	0.05	0.60	2.2	<0.2	0.3	9.3	<0.01	0.04	9.9	0.024
C203445	19.7	730	16.6	13.8	<0.001	0.09	0.76	2.1	0.9	0.4	14.3	0.01	0.04	4.9	0.013
C203446	28.4	380	8.3	8.0	<0.001	0.04	1.24	2.2	<0.2	0.2	7.2	<0.01	0.05	15.8	0.014
C203447	12.4	520	6.7	9.2	<0.001	0.03	0.47	1.1	<0.2	0.3	2.6	0.01	0.04	10.0	0.008
C203448	14.5	450	11.6	14.9	<0.001	0.03	0.88	1.6	<0.2	0.4	5.5	<0.01	0.05	6.9	0.019
C203449	12.0	510	11.8	15.5	<0.001	0.03	0.81	1.6	<0.2	0.4	5.3	<0.01	0.04	5.8	0.018
C203450	14.5	280	27.9	6.9	<0.001	0.03	0.63	2.2	<0.2	0.5	8.8	<0.01	0.04	4.0	0.008
C203451	19.8	720	15.8	10.5	<0.001	0.06	1.50	1.8	0.5	0.5	12.9	<0.01	0.07	5.4	0.026

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 7-OCT-2006
Account: EIA

Project: Werneckles

CERTIFICATE OF ANALYSIS VA06089492

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C203417		0.12	2.64	11	0.08	13.30	124	0.7
C203418		0.09	1.59	35	0.41	8.08	54	<0.5
C203419		0.23	2.26	42	0.08	31.90	67	0.8
C203420		0.09	0.72	47	0.97	4.71	39	<0.5
C203421		0.12	4.40	44	1.02	11.25	56	<0.5
C203422		0.15	2.09	37	0.24	7.62	74	<0.5
C203423		0.13	1.02	55	0.19	3.70	57	<0.5
C203424		0.17	4.90	30	0.12	19.00	389	1.1
C203425		0.13	5.93	15	0.28	25.70	243	1.3
C203426		0.08	0.88	28	0.12	3.52	41	<0.5
C203427		0.28	2.02	42	0.25	9.45	125	0.7
C203428		0.12	3.48	24	0.31	11.45	118	0.8
C203429		0.19	2.73	32	0.22	6.53	73	0.9
C203430		<0.02	0.08	<1	<0.05	0.66	5	0.7
C203431		0.15	1.48	26	0.19	5.45	57	<0.5
C203432		0.15	2.57	33	0.18	7.90	138	0.6
C203433		0.16	0.78	41	0.14	2.76	32	<0.5
C203434		0.09	1.81	24	0.23	8.15	179	0.7
C203435		0.14	4.84	18	1.04	24.50	493	0.8
C203436		0.11	3.13	25	0.19	12.90	273	0.5
C203437		0.11	2.22	24	0.17	7.93	189	1.3
C203438		0.16	0.76	43	0.18	3.89	78	0.6
C203439		0.12	1.07	37	0.19	5.61	158	<0.5
C203440		0.13	2.84	27	0.21	17.85	211	<0.5
C203441		0.06	3.19	15	0.09	9.49	246	0.6
C203442		0.19	1.46	27	0.12	7.39	142	0.5
C203443		0.08	1.32	19	0.13	8.97	82	0.7
C203444		0.08	1.28	21	0.12	7.64	75	0.8
C203445		0.10	3.62	19	0.21	24.30	70	<0.5
C203446		0.07	1.87	17	0.15	8.20	170	1.1
C203447		0.06	1.01	21	0.11	2.74	51	<0.5
C203448		0.09	0.78	33	0.16	3.73	114	<0.5
C203449		0.10	0.66	34	0.16	2.84	103	<0.5
C203450		0.12	0.50	41	0.15	2.47	84	1.1
C203451		0.11	1.17	33	0.25	5.48	78	<0.5

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
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Finalized Date: 7-OCT-2006
Account: EIA

CERTIFICATE VA06089264

Project: Werneckes

P.O. No.: FRG06-01

This report is for 135 Soil samples submitted to our lab in Vancouver, BC, Canada on 23-AUG-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

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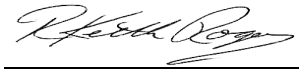
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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CERTIFICATE OF ANALYSIS VA06089264

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C203452	0.68	0.005	0.16	2.25	30.8	<10	100	1.56	1.90	0.06	0.44	190.00	17.3	25	4.67
C203453	0.48	0.005	0.35	2.31	89.4	<10	70	1.79	0.86	0.10	0.29	107.00	27.8	25	3.54
C203454	0.40	0.006	0.24	1.16	17.6	<10	60	0.80	0.87	0.06	0.38	69.80	8.0	16	1.75
C203455	0.52	0.012	4.93	2.55	191.0	<10	130	1.24	4.61	0.79	13.80	127.50	53.3	15	13.10
C203456	0.64	<0.005	0.11	1.54	13.6	<10	70	1.15	0.43	0.12	0.23	99.10	16.7	19	4.28
C203457	0.44	<0.005	0.12	1.83	14.4	<10	80	0.57	0.53	0.20	0.24	91.60	14.8	22	2.26
C203458	0.58	0.029	0.14	1.67	19.8	<10	70	0.58	0.68	0.10	0.34	78.40	16.2	23	2.59
C203459	0.48	0.010	0.48	0.37	20.5	<10	40	0.15	1.04	0.07	0.32	25.80	6.7	8	1.21
C203460	0.56	0.007	0.64	1.18	258.0	<10	80	1.20	5.84	0.42	0.76	49.30	55.4	12	3.01
C203461	0.52	<0.005	0.09	1.15	16.7	<10	110	0.33	0.76	0.05	0.08	41.70	6.7	22	1.58
C203462	0.48	0.016	0.14	0.93	9.7	<10	760	0.46	0.73	0.10	0.14	27.70	5.1	14	1.82
C203463	0.58	0.005	0.49	3.08	65.0	<10	600	1.45	1.44	0.05	0.19	62.40	42.6	33	2.54
C203464	0.56	0.009	0.57	1.48	70.3	<10	1160	0.67	3.82	0.43	0.30	31.20	57.1	13	0.85
C203465	0.38	0.017	0.33	1.15	150.0	<10	1500	0.76	2.64	0.61	0.25	26.90	38.9	14	1.04
C203466	0.44	0.014	0.35	1.88	164.5	<10	1630	0.91	2.18	0.73	0.41	34.90	29.1	23	1.60
C203467	0.64	0.011	0.51	1.31	174.5	<10	260	0.77	3.71	0.11	0.12	67.90	63.6	28	1.49
C203468	0.36	0.026	0.25	0.76	96.5	<10	1920	0.48	2.14	0.77	0.08	39.90	80.1	10	0.45
C203469	0.48	0.018	0.20	0.67	35.8	<10	1190	0.48	1.01	0.56	0.08	53.60	34.4	10	0.46
C203470	0.42	0.031	0.26	0.57	32.7	<10	2160	0.57	0.93	0.60	0.07	55.40	42.0	8	0.31
C203471	0.50	0.028	0.28	0.60	32.4	<10	2350	0.59	0.98	0.70	0.08	53.10	40.9	9	0.41
C203472	0.48	0.030	0.12	0.64	15.7	<10	2580	0.66	0.67	0.50	0.12	47.40	49.6	9	0.43
C203473	0.50	0.025	0.12	0.67	14.0	<10	3420	0.67	0.73	1.13	0.13	32.10	38.3	9	0.47
C203474	0.42	0.013	0.09	0.56	8.5	<10	3680	0.55	0.62	0.55	0.14	35.50	37.2	7	0.46
C203475	0.58	0.027	0.12	0.61	17.7	<10	3780	0.57	0.94	0.43	0.17	45.60	66.0	10	0.44
C203476	0.56	0.012	0.11	0.64	24.7	<10	920	0.51	0.99	0.50	0.12	80.60	44.9	12	0.31
C203477	0.56	<0.005	0.16	2.32	98.9	<10	140	1.05	0.69	0.12	0.22	53.00	82.2	24	1.62
C203478	0.78	0.049	0.43	1.89	169.5	<10	370	1.76	2.81	0.15	0.14	56.60	112.0	19	2.28
C203479	0.66	0.007	0.27	2.02	107.5	<10	80	2.14	3.04	0.06	0.15	128.00	95.7	24	6.26
C203480	0.64	<0.005	0.20	2.11	49.8	<10	70	1.24	2.70	0.06	0.09	54.40	25.1	25	4.76
C203481	0.56	0.013	0.62	2.53	134.5	<10	80	2.08	6.14	0.03	0.06	90.30	40.6	30	5.95
C203482	0.44	0.007	0.17	2.02	72.1	<10	140	1.53	1.38	0.13	0.19	115.00	61.2	25	3.18
C203483	0.58	<0.005	0.03	1.66	8.3	<10	40	0.53	0.25	0.06	0.08	22.50	6.6	21	3.00
C203484	0.66	0.008	0.03	1.77	9.4	<10	70	0.89	0.24	0.06	0.12	27.80	10.0	25	3.05
C203485	0.52	<0.005	0.02	1.04	7.0	<10	40	0.58	0.18	0.06	0.12	22.90	8.9	16	1.63
C203486	0.60	<0.005	0.03	0.85	8.7	<10	40	0.26	0.26	0.02	0.06	24.50	4.5	16	1.26
C203487	0.52	0.009	0.08	0.74	7.1	<10	50	0.21	0.28	0.03	0.07	25.70	3.4	12	1.75
C203488	0.44	0.011	0.10	1.67	11.5	<10	130	1.62	0.32	0.10	0.43	38.00	10.7	21	5.16
C203489	0.56	<0.005	0.15	1.19	13.1	<10	60	1.03	0.32	0.04	0.17	23.00	11.8	17	7.65
C203490	Not Recvd														
C203491	0.70	<0.005	0.03	1.34	9.4	<10	60	0.74	0.21	0.08	0.16	26.50	11.6	18	1.62

Comments: NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06089264

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
C203452		98.5	4.82	6.23	0.14	0.07	0.05	0.079	0.07	111.0	47.2	0.47	531	3.30	0.02	0.76
C203453		94.9	5.13	6.90	0.11	0.06	0.08	0.055	0.06	49.9	33.0	0.38	262	3.43	0.02	1.80
C203454		44.7	3.22	5.70	0.08	0.02	0.04	0.050	0.06	35.4	19.1	0.25	328	2.35	0.01	0.81
C203455		343.0	9.64	8.09	0.28	0.17	0.13	1.625	0.29	58.3	42.1	2.01	9570	20.90	0.01	0.85
C203456		31.4	3.08	4.60	0.11	0.03	0.03	0.036	0.08	39.7	34.9	0.39	332	1.27	0.01	0.71
C203457		31.5	3.87	5.07	0.09	0.04	0.05	0.027	0.07	26.1	23.9	0.37	689	1.57	0.01	0.92
C203458		21.1	4.76	5.76	0.10	0.02	0.09	0.031	0.07	24.8	24.1	0.33	816	1.52	0.01	0.74
C203459		26.5	1.55	3.12	0.05	<0.02	0.06	0.014	0.06	14.6	2.9	0.13	398	1.18	<0.01	0.56
C203460		205.0	5.81	2.98	0.11	0.06	0.08	0.126	0.09	26.4	19.7	0.61	4300	2.56	0.01	0.22
C203461		19.6	3.11	9.35	0.07	<0.02	0.04	0.031	0.06	23.8	6.1	0.20	291	2.49	<0.01	0.65
C203462		17.1	1.61	7.34	0.06	<0.02	0.03	0.018	0.06	19.1	3.1	0.11	322	4.06	<0.01	0.49
C203463		316.0	6.07	8.22	0.13	0.06	0.10	0.135	0.09	37.7	26.9	0.64	3160	5.70	0.01	0.95
C203464		177.5	12.85	4.40	0.17	0.13	0.13	0.302	0.03	19.5	12.3	0.82	21500	7.17	0.01	0.33
C203465		407.0	12.60	4.00	0.17	0.12	0.09	0.315	0.06	14.4	9.3	0.43	23900	8.25	0.01	0.38
C203466		275.0	11.65	5.53	0.14	0.21	0.08	0.313	0.09	19.0	13.5	0.56	17800	6.20	0.02	0.47
C203467		432.0	6.94	5.53	0.14	0.04	0.04	0.110	0.09	38.6	12.0	0.41	2220	20.20	0.03	0.51
C203468		295.0	7.01	2.47	0.10	0.08	0.11	0.143	0.07	28.2	5.1	0.29	8070	19.30	0.01	0.35
C203469		133.5	5.38	2.09	0.10	0.08	0.13	0.123	0.06	34.9	5.7	0.21	5800	11.85	0.01	0.35
C203470		162.5	4.93	1.92	0.09	0.08	0.48	0.119	0.09	34.4	3.5	0.20	7760	17.40	0.01	0.24
C203471		172.0	4.88	1.86	0.10	0.07	0.54	0.120	0.08	33.2	3.5	0.21	7200	17.40	0.01	0.24
C203472		203.0	5.28	1.96	0.10	0.07	0.15	0.109	0.09	27.2	2.9	0.18	9860	14.45	0.01	0.24
C203473		157.0	4.20	2.02	0.07	0.07	0.15	0.098	0.06	20.9	2.8	0.20	6320	11.60	0.01	0.26
C203474		332.0	4.30	1.70	0.07	0.09	0.09	0.064	0.09	22.5	3.3	0.20	8540	9.28	0.01	0.24
C203475		497.0	5.22	2.06	0.10	0.08	0.07	0.067	0.08	25.6	3.6	0.25	9530	11.40	0.01	0.29
C203476		142.0	5.73	2.36	0.13	0.10	0.08	0.068	0.06	51.5	4.6	0.22	8070	8.26	0.01	0.54
C203477		233.0	4.09	5.77	0.07	0.04	0.06	0.048	0.04	27.7	17.0	0.46	1020	6.60	0.02	0.54
C203478		664.0	6.46	4.66	0.12	0.09	0.04	0.162	0.07	31.1	18.0	0.50	4010	8.41	0.02	0.48
C203479		183.0	5.45	6.10	0.13	0.02	0.07	0.061	0.06	43.5	26.7	0.42	1580	8.14	0.01	1.12
C203480		133.0	5.22	6.51	0.10	0.02	0.07	0.039	0.06	29.3	27.9	0.35	417	3.81	0.01	1.69
C203481		345.0	7.97	6.34	0.15	0.04	0.07	0.051	0.07	43.5	28.6	0.51	656	10.75	0.01	1.37
C203482		122.0	4.66	6.02	0.13	0.03	0.13	0.044	0.07	49.9	23.7	0.51	2230	2.96	0.01	0.85
C203483		16.1	2.73	4.65	0.07	0.05	0.05	0.018	0.04	12.2	11.4	0.23	149	1.08	<0.01	1.57
C203484		15.7	3.80	5.13	0.06	<0.02	0.04	0.020	0.06	15.5	22.2	0.31	310	1.42	<0.01	1.31
C203485		18.3	2.59	2.83	0.06	0.02	0.03	0.013	0.04	12.0	13.1	0.20	221	1.06	<0.01	0.88
C203486		10.9	3.66	6.99	0.07	<0.02	0.03	0.020	0.03	13.0	4.6	0.09	195	1.53	<0.01	1.84
C203487		10.8	1.86	5.21	0.05	<0.02	0.05	0.012	0.04	13.9	2.1	0.06	89	1.44	<0.01	1.01
C203488		31.1	3.27	4.56	0.08	0.02	0.06	0.029	0.07	19.1	21.7	0.31	324	1.74	<0.01	1.05
C203489		31.7	3.60	3.75	0.06	0.02	0.07	0.028	0.07	11.9	14.5	0.21	402	1.92	<0.01	0.91
C203490																
C203491		20.0	2.81	3.78	0.07	<0.02	0.04	0.020	0.05	13.7	15.8	0.24	291	1.40	<0.01	1.13

Comments: NSS is non-sufficient sample.

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Finalized Date: 7-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089264

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C203452		42.7	1150	25.6	11.2	<0.001	0.10	3.44	2.2	2.0	0.5	19.8	0.01	0.17	12.1	0.025
C203453		56.1	580	23.2	12.8	<0.001	0.05	1.17	3.1	1.4	0.6	19.3	0.01	0.13	11.5	0.036
C203454		18.6	500	46.0	10.7	<0.001	0.04	2.91	1.8	0.7	0.5	12.4	<0.01	0.08	9.0	0.015
C203455		105.5	1070	3160.0	42.1	0.001	0.22	9.52	4.9	4.1	0.9	27.5	0.02	0.66	15.9	0.054
C203456		27.8	570	21.7	13.1	<0.001	0.01	0.76	2.0	0.6	0.3	10.3	<0.01	0.04	11.3	0.024
C203457		22.2	660	19.3	16.0	<0.001	0.03	0.66	1.9	0.7	0.4	9.5	<0.01	0.05	9.1	0.016
C203458		16.8	820	13.5	13.1	<0.001	0.05	0.86	1.6	0.8	0.5	7.7	<0.01	0.06	3.4	0.027
C203459		10.6	900	16.4	7.9	<0.001	0.07	0.86	0.7	0.3	0.3	3.6	<0.01	0.04	0.7	0.008
C203460		72.4	840	66.3	10.3	<0.001	0.15	3.22	3.3	0.8	0.2	10.3	<0.01	0.14	16.5	<0.005
C203461		12.9	680	14.9	11.6	<0.001	0.06	0.76	1.0	0.4	0.8	7.5	<0.01	0.05	0.4	0.028
C203462		8.6	810	9.6	10.8	<0.001	0.08	0.57	0.6	0.4	1.1	10.1	<0.01	0.04	<0.2	0.014
C203463		86.3	790	17.2	17.3	<0.001	0.04	0.95	16.6	0.6	0.6	7.0	0.01	0.14	9.3	0.022
C203464		35.1	950	19.8	4.6	<0.001	0.08	3.40	6.4	0.6	0.3	7.8	0.01	0.10	3.0	0.012
C203465		66.7	1090	18.7	8.3	<0.001	0.10	2.36	6.6	1.3	0.2	10.8	<0.01	0.14	4.0	0.011
C203466		42.3	1260	26.6	14.0	<0.001	0.14	3.11	7.8	1.1	0.3	12.2	<0.01	0.18	7.2	0.014
C203467		42.5	1070	26.7	9.5	<0.001	0.17	6.52	6.2	1.7	0.3	7.9	<0.01	0.46	13.3	0.017
C203468		25.5	1390	9.4	6.9	<0.001	0.14	1.06	2.9	1.2	0.4	17.4	<0.01	0.44	3.2	0.007
C203469		21.4	900	6.7	7.7	<0.001	0.08	0.79	2.6	0.9	0.2	10.5	<0.01	0.22	5.0	0.008
C203470		20.4	960	5.7	8.4	<0.001	0.08	0.63	2.4	1.0	0.2	15.0	<0.01	0.22	4.0	0.011
C203471		21.0	980	5.7	9.3	<0.001	0.08	0.65	2.5	1.0	0.2	15.6	<0.01	0.21	3.8	0.010
C203472		20.4	980	5.7	10.8	<0.001	0.07	0.48	2.8	0.8	0.2	14.6	<0.01	0.14	5.2	0.013
C203473		14.7	1270	7.1	11.3	<0.001	0.12	0.59	2.2	1.0	0.3	30.6	<0.01	0.15	2.7	0.010
C203474		17.4	1080	5.5	10.6	<0.001	0.09	0.44	2.3	0.7	0.3	35.7	0.02	0.10	4.9	0.015
C203475		23.9	880	7.5	9.2	<0.001	0.09	0.74	2.6	0.7	0.2	34.2	<0.01	0.13	6.0	0.016
C203476		28.6	940	6.8	5.9	<0.001	0.11	0.63	2.8	1.0	0.2	14.3	<0.01	0.29	7.1	0.009
C203477		71.6	890	13.4	7.2	<0.001	0.12	0.90	6.0	0.5	0.2	7.0	<0.01	0.11	8.6	0.012
C203478		108.0	1000	13.1	8.8	<0.001	0.11	2.35	5.8	0.9	0.3	10.7	<0.01	0.18	13.5	0.019
C203479		98.9	890	15.8	11.8	<0.001	0.07	2.12	3.0	0.8	0.4	7.6	<0.01	0.17	12.3	0.026
C203480		36.5	680	12.4	12.3	<0.001	0.05	1.57	2.5	0.6	0.5	7.0	<0.01	0.13	17.6	0.024
C203481		60.4	1540	28.5	10.9	<0.001	0.18	8.07	3.1	2.7	0.4	6.7	0.01	0.47	39.2	0.014
C203482		48.1	1060	17.6	13.1	<0.001	0.08	1.55	2.6	0.7	0.4	9.7	<0.01	0.16	5.8	0.025
C203483		13.5	370	12.3	6.0	<0.001	0.03	0.52	2.3	0.4	0.4	9.4	0.01	0.03	3.6	0.043
C203484		19.0	360	10.1	9.8	<0.001	0.02	0.53	2.6	0.3	0.5	9.0	<0.01	0.04	3.3	0.037
C203485		15.0	380	7.0	4.7	<0.001	0.02	0.50	1.7	0.2	0.3	8.5	<0.01	0.02	3.0	0.029
C203486		8.4	290	8.7	7.1	<0.001	0.02	0.63	1.7	0.2	0.7	5.7	<0.01	0.05	2.9	0.045
C203487		7.3	330	10.1	8.1	<0.001	0.04	0.57	1.3	0.2	0.7	6.1	0.01	0.03	0.6	0.038
C203488		21.4	640	15.0	11.1	<0.001	0.04	0.75	2.9	0.7	0.5	18.7	<0.01	0.04	2.1	0.027
C203489		16.0	480	16.1	9.6	<0.001	0.03	0.93	2.3	0.5	0.4	11.5	<0.01	0.04	3.2	0.021
C203490																
C203491		20.2	410	12.9	6.8	<0.001	0.02	0.71	2.2	0.4	0.4	11.0	<0.01	0.03	2.7	0.034

Comments: NSS is non-sufficient sample.

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Finalized Date: 7-OCT-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089264

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C203452		0.15	3.16	37	0.27	11.80	198	1.1
C203453		0.15	1.66	53	0.49	12.10	144	1.3
C203454		0.12	1.24	36	0.18	6.90	171	0.6
C203455		1.07	3.86	37	0.18	68.70	4360	1.7
C203456		0.09	1.81	31	0.15	6.41	155	0.6
C203457		0.16	1.49	35	0.14	7.37	86	0.7
C203458		0.11	1.87	43	0.21	5.43	67	<0.5
C203459		0.04	0.67	19	0.09	1.47	71	<0.5
C203460		0.08	3.04	9	0.06	18.45	351	1.0
C203461		0.32	0.84	66	0.18	3.17	50	<0.5
C203462		0.40	1.00	56	0.20	3.20	34	<0.5
C203463		0.94	3.11	53	0.26	11.35	58	1.3
C203464		4.88	3.45	40	0.56	17.30	54	2.5
C203465		1.00	4.90	31	0.40	15.50	68	2.6
C203466		2.59	6.07	41	0.29	18.30	71	4.0
C203467		0.13	4.70	54	0.25	7.98	36	1.4
C203468		0.10	5.18	50	0.37	11.10	29	1.7
C203469		0.04	4.44	34	0.47	10.45	20	1.8
C203470		0.04	4.53	19	0.49	14.70	21	1.4
C203471		0.04	4.67	19	0.44	15.30	20	1.6
C203472		0.05	4.75	18	0.40	16.55	28	1.4
C203473		0.06	3.98	18	0.29	14.75	30	1.3
C203474		0.04	4.60	13	0.38	9.94	21	1.7
C203475		0.07	6.93	18	0.39	12.25	32	1.7
C203476		0.10	8.20	23	0.25	17.50	28	1.8
C203477		0.08	2.88	38	0.13	7.32	133	0.7
C203478		0.15	6.97	34	0.31	18.90	47	1.8
C203479		0.15	4.50	39	0.25	9.60	63	<0.5
C203480		0.14	2.74	44	0.18	4.13	49	1.1
C203481		0.17	7.85	31	0.41	10.65	51	0.9
C203482		0.16	3.79	40	0.20	14.80	86	<0.5
C203483		0.07	0.55	35	0.14	2.93	36	2.0
C203484		0.10	0.75	45	0.14	3.46	58	0.6
C203485		0.04	0.66	28	0.10	3.22	42	0.8
C203486		0.09	0.46	58	0.22	2.12	35	0.5
C203487		0.11	0.51	54	0.22	2.17	30	<0.5
C203488		0.12	1.36	38	0.14	12.70	66	0.5
C203489		0.11	0.99	31	0.16	3.63	53	1.0
C203490								
C203491		0.08	0.79	36	0.18	3.82	61	0.5

Comments: NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06089264

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C203492		0.48	<0.005	0.27	2.15	13.5	<10	80	1.65	0.54	0.05	0.19	24.00	12.0	26	20.90
C203493		0.62	0.005	0.12	1.64	12.1	<10	70	2.02	0.45	0.05	0.27	24.50	26.9	21	16.90
C203494		0.66	0.005	0.14	1.71	12.3	<10	90	1.28	0.41	0.06	0.32	28.50	15.5	23	8.93
C203495		0.66	<0.005	0.52	1.53	27.2	<10	70	2.20	1.04	0.04	0.19	21.30	25.4	23	23.30
C203496		0.54	0.006	0.13	1.30	13.8	<10	80	1.43	0.51	0.04	0.15	23.10	10.7	16	6.67
C203497		0.74	0.006	0.12	1.10	11.5	<10	60	1.58	0.39	0.04	0.11	19.60	13.1	14	7.80
C203498		0.56	<0.005	0.11	1.38	13.6	<10	120	1.27	0.40	0.13	0.34	20.10	11.7	15	4.10
C203499		0.54	<0.005	0.14	1.52	14.7	10	220	1.56	0.48	0.76	0.20	27.10	22.8	13	4.51
C203500		0.52	<0.005	0.07	1.28	4.8	<10	170	1.27	0.34	0.64	0.15	36.50	15.2	11	1.37
C332201		0.56	<0.005	0.11	1.16	5.9	10	330	1.17	0.38	1.34	0.32	31.10	14.6	10	1.08
C332202		0.60	0.005	0.05	1.29	4.7	<10	210	0.84	0.33	0.41	0.10	29.40	11.4	13	2.07
C332203		0.58	<0.005	0.02	1.32	3.6	<10	190	0.44	0.36	0.22	0.10	42.10	8.2	14	1.61
C332204		0.68	<0.005	0.05	1.31	5.4	<10	50	0.73	0.38	0.09	0.13	70.40	17.9	13	1.18
C332205		0.50	<0.005	0.10	1.36	8.2	<10	60	0.61	0.38	0.06	0.12	69.70	11.4	12	1.61
C332206		0.74	<0.005	0.04	1.59	9.7	<10	80	1.20	0.44	0.06	0.09	104.50	17.0	14	2.47
C332207		0.46	<0.005	0.07	1.76	10.5	<10	110	1.54	0.89	0.13	0.10	72.60	16.8	18	3.33
C332208		0.58	<0.005	0.06	1.30	84.9	<10	60	0.98	1.57	0.03	0.25	73.70	30.6	13	1.01
C332209		0.42	0.009	0.07	0.59	26.4	<10	380	0.26	0.32	0.14	0.06	54.00	26.3	12	0.41
C332210		0.50	0.008	0.06	0.72	34.8	<10	70	0.29	1.02	0.09	0.14	22.40	14.0	14	2.74
C332211		0.60	0.005	0.06	1.40	17.5	<10	130	0.90	0.65	0.47	0.10	64.20	16.2	22	2.37
C332212		0.58	<0.005	0.08	1.47	24.8	<10	180	0.65	0.77	0.55	0.08	39.50	15.8	21	2.68
C332213		0.58	0.005	0.09	1.50	39.8	<10	60	1.02	1.42	0.09	0.22	113.50	35.7	19	2.05
C332214		0.62	<0.005	0.08	1.30	31.9	<10	70	1.13	1.22	0.13	0.26	135.00	31.6	17	1.78
C332215		0.44	<0.005	0.14	1.28	27.2	<10	110	0.93	0.91	0.27	0.32	101.00	29.4	16	1.91
C332216		0.76	<0.005	0.10	1.30	26.9	<10	100	0.88	0.84	0.19	0.28	114.50	31.8	17	2.11
C332217		0.68	0.007	0.08	0.83	9.9	<10	140	0.46	0.41	5.04	0.13	59.40	17.1	14	1.94
C332218		0.50	0.005	0.17	0.77	50.0	<10	110	0.43	0.77	2.02	0.19	51.30	13.8	13	0.95
C332219		0.54	<0.005	0.11	0.93	37.0	<10	90	0.53	1.08	0.22	0.25	81.20	23.3	11	1.29
C332220		0.52	0.005	0.06	1.42	10.6	<10	200	0.63	0.44	0.90	0.12	47.00	15.0	22	3.47
C332221		0.48	<0.005	0.05	2.04	9.6	<10	390	1.18	0.56	0.92	0.16	50.90	19.5	25	6.52
C332222		0.36	0.012	0.05	1.60	10.2	<10	250	0.91	0.40	1.51	0.17	36.40	16.6	20	5.27
C332223		0.38	<0.005	0.06	1.64	20.9	<10	370	0.74	0.53	1.48	0.22	43.10	21.2	22	5.50
C332224		0.40	<0.005	0.01	1.07	2.3	<10	100	0.39	0.35	0.12	0.11	28.10	8.9	16	7.29
C332225		Not Recvd														
C332226		0.46	<0.005	0.05	1.73	8.1	<10	170	0.79	0.38	0.81	0.07	47.00	15.8	26	3.51
C332227		0.48	0.005	0.19	1.29	12.6	<10	330	0.89	0.53	1.06	0.15	41.10	14.1	19	2.00
C332228		0.42	<0.005	0.17	2.11	25.8	<10	280	2.07	0.98	0.30	0.19	166.50	29.5	22	2.12
C332229		0.62	<0.005	0.03	1.84	15.5	<10	70	0.39	0.53	0.05	0.10	31.10	9.2	24	1.76
C332230		0.46	<0.005	0.11	2.16	46.0	<10	120	1.39	2.27	0.07	0.15	39.20	24.9	25	2.71
C332231		0.40	<0.005	0.12	1.45	23.0	<10	100	0.93	2.03	0.08	0.22	42.70	25.1	15	1.54

Comments: NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 7-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089264

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C203492		27.2	5.66	6.79	0.08	0.03	0.10	0.039	0.08	12.2	33.8	0.23	568	2.58	<0.01	1.55
C203493		38.0	3.89	4.85	0.07	<0.02	0.06	0.030	0.08	13.1	29.6	0.27	1010	2.02	<0.01	1.03
C203494		24.7	3.64	5.22	0.06	<0.02	0.05	0.035	0.08	14.7	24.5	0.30	769	1.81	<0.01	1.16
C203495		50.1	6.36	6.20	0.08	0.02	0.13	0.041	0.07	11.1	14.4	0.12	1500	3.00	<0.01	0.94
C203496		31.1	3.86	5.11	0.06	0.02	0.06	0.044	0.05	11.4	17.5	0.20	487	1.88	0.01	0.78
C203497		25.4	3.76	3.88	0.06	0.03	0.04	0.036	0.06	10.0	20.4	0.17	440	1.73	0.01	0.79
C203498		16.8	4.92	4.29	0.07	0.02	0.06	0.068	0.07	9.3	18.2	0.21	1205	1.17	0.01	0.73
C203499		37.5	4.67	3.95	0.08	0.08	0.06	0.068	0.07	14.6	33.5	0.49	1895	1.05	0.01	0.23
C203500		50.9	3.03	3.35	0.08	0.11	0.06	0.044	0.05	16.3	22.4	0.63	759	1.17	0.01	0.28
C332201		75.5	3.34	3.09	0.09	0.09	0.07	0.056	0.05	14.5	18.8	0.71	1175	1.29	0.01	0.20
C332202		42.5	3.21	3.42	0.08	0.09	0.05	0.056	0.05	14.7	19.7	0.78	400	0.88	0.01	0.35
C332203		18.5	2.85	4.99	0.07	0.02	0.03	0.029	0.05	17.7	18.9	0.40	283	0.99	0.01	0.96
C332204		14.8	2.50	3.56	0.09	0.05	0.03	0.015	0.05	29.6	16.8	0.34	335	1.53	0.01	1.74
C332205		26.0	3.02	4.14	0.09	0.03	0.10	0.021	0.07	29.4	11.9	0.19	760	1.12	0.01	1.53
C332206		40.6	3.36	4.73	0.13	0.05	0.02	0.022	0.08	42.6	20.6	0.30	653	1.65	0.01	1.31
C332207		42.6	3.37	5.12	0.12	0.07	0.05	0.037	0.09	35.9	18.2	0.32	663	1.82	0.01	1.27
C332208		74.7	5.04	3.35	0.09	0.04	0.10	0.085	0.03	23.5	18.3	0.19	1470	3.71	0.01	0.45
C332209		23.2	4.06	2.07	0.08	0.02	0.06	0.028	0.03	27.1	1.8	0.05	1265	8.76	0.01	0.23
C332210		102.0	3.16	5.54	0.06	<0.02	0.03	0.091	0.08	10.9	6.7	0.19	1460	2.76	0.01	1.15
C332211		798.0	3.30	4.46	0.10	0.03	0.02	0.037	0.09	30.8	20.4	0.66	1275	1.55	0.01	0.66
C332212		64.9	3.55	4.54	0.09	0.03	0.02	0.045	0.09	21.1	16.3	0.71	1350	1.48	0.02	0.68
C332213		80.5	5.58	4.60	0.15	0.05	0.03	0.043	0.11	47.8	25.6	0.44	1400	2.97	0.01	1.04
C332214		66.7	4.61	4.08	0.17	0.08	0.02	0.037	0.11	62.0	24.8	0.39	1115	2.50	0.01	1.10
C332215		51.7	4.38	4.20	0.11	0.03	0.07	0.035	0.14	37.0	20.3	0.33	1710	2.09	0.01	1.05
C332216		60.3	4.34	4.13	0.12	0.04	0.04	0.033	0.14	40.3	22.4	0.37	1350	1.83	0.01	1.33
C332217		77.8	2.40	2.86	0.11	0.06	0.01	0.017	0.19	29.5	11.9	1.34	1420	0.99	0.01	0.52
C332218		45.3	3.20	2.47	0.10	0.06	0.03	0.031	0.08	25.4	10.2	1.29	1690	1.26	0.02	0.61
C332219		60.0	4.63	2.93	0.14	0.08	0.03	0.048	0.11	38.3	14.5	0.33	2390	1.15	0.01	1.00
C332220		55.1	2.82	4.88	0.09	0.03	0.02	0.026	0.11	23.9	17.6	0.82	1400	0.72	0.03	1.01
C332221		83.3	2.81	6.73	0.10	0.03	0.05	0.032	0.19	24.7	26.4	0.81	2640	1.75	0.02	1.50
C332222		112.5	2.23	5.64	0.08	0.03	0.05	0.022	0.14	21.4	20.5	0.76	1840	1.32	0.03	1.02
C332223		127.0	2.68	6.00	0.09	0.04	0.05	0.032	0.14	24.7	24.3	0.92	4340	1.26	0.02	1.06
C332224		39.8	2.14	6.39	0.06	0.02	0.02	0.018	0.11	13.4	21.9	0.39	1825	1.32	0.01	2.51
C332225																
C332226		57.4	2.71	6.25	0.09	0.03	0.03	0.025	0.11	20.6	27.1	0.93	1655	1.48	0.03	1.38
C332227		54.2	2.76	4.30	0.08	0.04	0.07	0.032	0.06	20.6	15.9	0.59	1220	1.99	0.01	0.72
C332228		62.4	4.24	6.15	0.28	0.14	0.08	0.066	0.06	116.5	40.4	0.61	1180	3.62	0.01	0.70
C332229		19.0	3.95	7.98	0.07	0.04	0.08	0.044	0.05	15.7	18.3	0.28	446	2.35	0.01	2.06
C332230		114.5	4.62	5.73	0.09	0.05	0.05	0.087	0.14	19.0	21.6	0.68	1010	2.09	0.01	0.59
C332231		73.7	3.70	4.41	0.08	0.05	0.02	0.062	0.09	20.8	12.1	0.63	1655	1.72	0.01	0.31

Comments: NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06089264

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C203492		17.8	760	16.8	15.9	<0.001	0.04	0.87	3.0	0.6	0.7	11.1	<0.01	0.06	3.6	0.028
C203493		27.9	560	17.9	11.3	<0.001	0.03	0.69	2.8	0.5	0.5	13.7	<0.01	0.05	2.8	0.026
C203494		24.6	500	84.4	12.6	<0.001	0.03	0.71	2.8	0.3	0.6	15.1	<0.01	0.05	2.6	0.033
C203495		18.2	1220	24.9	14.1	<0.001	0.07	1.69	2.8	0.8	0.6	13.4	<0.01	0.09	2.4	0.021
C203496		17.0	590	18.6	10.8	<0.001	0.05	0.83	1.9	0.9	0.6	11.1	<0.01	0.06	0.8	0.026
C203497		16.0	490	10.7	10.2	<0.001	0.04	0.70	2.2	0.6	0.4	14.7	<0.01	0.05	2.6	0.022
C203498		14.0	640	65.9	10.6	<0.001	0.04	0.44	2.8	0.6	0.5	9.1	<0.01	0.07	2.2	0.015
C203499		26.7	880	38.6	7.6	<0.001	0.08	0.47	5.8	1.1	0.3	38.9	0.01	0.09	2.0	0.008
C203500		17.5	500	31.5	7.1	<0.001	0.05	0.32	6.6	1.2	0.3	11.9	0.01	0.10	2.2	0.008
C332201		16.2	1000	36.3	6.9	<0.001	0.08	0.33	5.0	1.5	0.3	16.2	0.01	0.12	0.8	0.008
C332202		20.3	710	9.4	7.7	<0.001	0.05	0.37	7.1	1.0	0.2	9.2	0.01	0.15	2.7	0.012
C332203		13.3	340	9.0	12.4	<0.001	0.03	0.30	2.6	0.5	0.5	7.6	<0.01	0.15	5.3	0.012
C332204		20.1	550	7.1	8.0	<0.001	0.02	0.62	1.9	0.7	0.2	5.1	0.01	0.07	13.0	0.012
C332205		11.9	840	9.0	13.2	<0.001	0.05	0.62	1.3	0.8	2.4	6.0	0.01	0.04	8.5	0.016
C332206		15.5	500	11.5	14.6	<0.001	0.02	0.79	1.8	0.8	0.3	6.0	0.01	0.04	15.3	0.016
C332207		16.5	710	17.2	21.2	<0.001	0.06	0.65	2.1	1.3	0.4	8.5	0.01	0.06	10.0	0.013
C332208		37.2	490	17.5	7.9	<0.001	0.03	1.56	2.2	0.8	0.3	3.8	0.01	0.12	13.5	0.007
C332209		13.0	590	14.2	5.5	<0.001	0.04	0.41	3.7	0.6	0.3	8.9	<0.01	0.17	6.7	0.011
C332210		12.8	410	8.3	39.1	<0.001	0.04	0.65	1.5	0.5	0.7	6.6	<0.01	0.23	3.2	0.063
C332211		31.1	670	7.6	26.3	<0.001	0.04	0.60	4.0	1.0	0.5	12.2	<0.01	0.06	5.4	0.040
C332212		26.6	860	8.9	25.3	<0.001	0.05	0.63	3.0	0.6	0.4	14.3	<0.01	0.06	4.4	0.046
C332213		52.0	670	18.2	15.8	<0.001	0.04	1.90	2.2	1.1	0.2	5.8	0.01	0.10	18.7	0.024
C332214		53.5	630	16.0	15.7	<0.001	0.04	1.47	2.4	1.1	0.2	7.4	0.02	0.07	17.1	0.020
C332215		37.5	870	17.4	20.9	<0.001	0.06	1.25	1.8	0.9	0.3	10.6	0.01	0.07	6.7	0.024
C332216		42.1	650	16.2	19.8	<0.001	0.04	1.18	2.2	0.9	0.3	9.8	0.01	0.06	13.1	0.034
C332217		21.8	830	10.5	22.3	<0.001	0.03	0.47	3.0	0.5	0.3	53.7	<0.01	0.05	10.7	0.037
C332218		22.6	880	12.8	11.7	<0.001	0.04	0.75	2.7	0.7	0.2	23.3	<0.01	0.05	6.9	0.032
C332219		29.6	580	14.3	11.1	<0.001	0.03	1.09	2.2	0.7	0.2	7.6	0.02	0.04	14.3	0.010
C332220		24.6	700	10.5	31.6	<0.001	0.05	0.39	3.6	0.7	0.5	30.4	<0.01	0.04	6.2	0.067
C332221		28.3	860	12.1	56.6	<0.001	0.05	0.41	3.8	0.9	0.7	47.2	<0.01	0.06	5.6	0.082
C332222		23.0	660	11.0	35.3	<0.001	0.09	0.38	3.1	1.0	0.6	56.2	<0.01	0.05	3.3	0.053
C332223		29.6	840	11.3	48.5	<0.001	0.07	0.38	3.9	1.0	0.7	43.7	0.01	0.06	4.2	0.068
C332224		8.2	280	15.9	30.2	<0.001	0.01	0.25	2.2	0.3	0.8	13.4	<0.01	0.04	4.2	0.106
C332225																
C332226		25.8	500	11.3	29.4	<0.001	0.04	0.26	4.8	0.7	0.7	22.9	<0.01	0.05	5.7	0.075
C332227		28.1	840	20.5	18.7	<0.001	0.09	0.45	3.2	1.1	0.4	22.2	<0.01	0.12	3.4	0.032
C332228		58.0	650	37.3	21.0	<0.001	0.04	0.69	6.0	2.2	0.5	15.4	0.01	0.10	15.9	0.015
C332229		17.5	280	19.6	12.5	<0.001	0.02	1.05	2.9	0.7	0.9	7.4	0.01	0.06	5.0	0.045
C332230		51.7	670	14.5	21.3	<0.001	0.04	1.39	2.9	1.0	0.5	6.1	<0.01	0.07	4.9	0.015
C332231		27.5	520	15.6	14.9	<0.001	0.03	1.03	2.5	0.9	0.3	5.8	<0.01	0.07	3.8	0.010

Comments: NSS is non-sufficient sample.

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Sample Description	Method Analyte Units LOR	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
C203492		0.17	1.43	52	0.21	4.22	90	1.3
C203493		0.15	1.21	36	0.13	4.39	67	0.7
C203494		0.13	0.88	45	0.17	3.61	136	0.5
C203495		0.17	1.14	39	0.12	3.72	81	0.7
C203496		0.16	1.13	41	0.19	4.32	51	<0.5
C203497		0.10	1.02	31	0.15	3.68	51	0.9
C203498		0.11	0.77	37	0.17	4.93	148	0.5
C203499		0.07	0.87	22	0.08	26.60	76	1.5
C203500		0.07	0.44	24	0.09	19.45	56	2.1
C332201		0.08	0.37	24	0.10	24.10	64	1.2
C332202		0.06	0.60	32	0.09	17.65	66	1.5
C332203		0.10	0.70	38	0.15	4.49	37	0.5
C332204		0.05	2.37	23	0.30	8.91	30	1.1
C332205		0.08	1.83	26	0.27	7.84	49	0.5
C332206		0.09	2.78	25	0.30	11.30	40	0.8
C332207		0.16	4.44	29	0.30	19.60	55	0.9
C332208		0.16	2.52	17	0.21	5.66	185	1.4
C332209		0.05	2.14	29	0.24	6.24	55	<0.5
C332210		0.13	1.41	38	0.23	2.18	28	<0.5
C332211		0.12	2.76	29	0.28	12.15	41	<0.5
C332212		0.13	1.66	30	0.14	8.83	45	0.6
C332213		0.12	4.43	15	0.21	16.25	109	0.6
C332214		0.13	5.31	14	0.21	21.30	101	1.4
C332215		0.15	3.31	18	0.24	11.25	93	<0.5
C332216		0.17	3.65	19	0.19	12.75	93	<0.5
C332217		0.12	2.54	21	0.21	10.60	46	1.7
C332218		0.18	1.77	22	0.14	9.74	68	1.2
C332219		0.10	3.08	12	0.17	12.35	73	1.5
C332220		0.18	1.37	31	0.16	9.69	46	0.6
C332221		0.43	11.20	43	2.08	11.55	55	0.6
C332222		0.23	3.64	29	0.25	11.50	45	0.6
C332223		0.25	2.66	31	0.26	14.00	44	0.7
C332224		0.25	1.11	35	0.21	3.81	31	0.6
C332225								
C332226		0.22	2.28	34	0.16	9.40	51	0.6
C332227		0.16	5.66	27	0.11	7.99	77	0.7
C332228		0.12	20.70	32	0.22	36.80	107	2.1
C332229		0.22	0.81	65	0.28	3.28	59	1.4
C332230		0.14	1.41	30	0.15	5.17	69	1.3
C332231		0.13	1.58	20	0.10	9.69	38	1.1

Comments: NSS is non-sufficient sample.

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089264

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
C332232		0.52	<0.005	0.10	1.58	22.7	<10	70	1.06	1.78	0.05	0.15	47.20	22.5	18	1.49
C332233		0.48	0.007	0.36	1.51	18.2	<10	320	0.51	1.13	0.19	0.17	33.30	11.2	17	1.30
C332234		0.38	0.007	0.15	0.98	17.0	<10	90	0.43	2.39	0.57	0.45	28.90	23.9	14	1.55
C332235		0.34	<0.005	0.11	1.72	13.4	<10	150	0.52	0.67	0.65	0.17	17.80	10.4	22	1.26
C332236		0.38	0.046	0.20	0.71	59.3	<10	90	0.54	1.38	1.28	0.31	25.20	39.9	8	0.92
C332237		0.52	0.027	0.17	0.90	36.7	<10	120	0.60	1.17	0.40	0.21	37.60	24.1	11	1.06
C332238		0.38	0.006	0.14	1.09	23.9	<10	200	0.50	1.40	0.82	0.44	26.50	23.6	10	0.95
C332239		0.28	0.011	0.14	1.26	52.4	<10	130	0.91	1.11	0.76	0.28	34.40	24.3	12	1.49
C332240		0.42	<0.005	0.08	1.10	16.4	<10	60	0.46	1.13	0.25	0.21	36.10	11.5	12	0.98
C332241		0.46	<0.005	0.09	1.06	15.7	<10	60	0.42	1.06	0.34	0.24	31.80	12.8	12	0.95
C332242		0.52	<0.005	0.20	0.92	16.1	<10	70	0.31	1.30	0.13	0.32	42.30	9.3	11	0.77
C332243		0.48	<0.005	0.14	0.94	18.2	<10	90	0.25	1.47	0.11	0.15	40.30	8.6	13	0.97
C332244		0.38	<0.005	0.25	0.90	14.4	<10	60	0.28	0.84	0.07	0.18	37.20	8.0	11	0.79
C332245		0.56	<0.005	0.15	0.90	16.9	<10	40	0.31	0.85	0.03	0.12	43.00	9.0	12	0.67
C332246		0.46	0.012	0.21	0.81	13.9	<10	80	0.26	0.93	0.07	0.23	47.10	13.6	11	0.67
C332247		0.36	0.006	0.21	1.51	16.8	<10	100	0.63	1.12	0.82	0.48	24.90	15.1	17	1.36
C332248		0.54	<0.005	0.12	0.77	18.8	<10	70	0.22	0.94	0.06	0.15	39.10	8.3	12	0.79
C332249		0.50	0.013	0.13	0.74	16.8	<10	90	0.20	1.03	0.11	0.29	31.90	10.6	12	0.85
C332250		0.64	0.017	0.06	1.38	19.7	<10	70	0.57	1.01	0.02	0.05	49.30	14.3	15	0.82
C202751		0.48	<0.005	0.08	1.52	23.4	<10	50	0.49	1.13	0.02	0.05	49.40	13.1	16	0.76
C202752		0.46	0.006	0.08	1.03	17.0	<10	40	0.39	0.85	0.03	0.07	52.20	12.4	12	0.59
C202753		0.66	0.022	0.13	1.09	18.6	<10	60	0.43	1.00	0.14	0.08	47.60	13.8	13	0.65
C202105		0.62	0.020	0.27	2.14	17.4	<10	70	1.80	2.04	0.49	0.18	84.10	112.5	26	6.02
C202106		0.62	0.020	0.32	2.08	21.4	<10	80	1.90	1.84	0.50	0.30	85.50	120.0	26	6.61
C202107		0.62	<0.005	0.07	2.03	9.2	<10	100	1.52	0.71	0.33	0.11	60.70	66.3	28	6.03
C202108		0.48	0.006	0.07	2.10	11.0	<10	110	1.58	0.78	0.38	0.12	68.00	87.8	28	7.00
C203822		0.72	0.014	0.02	1.52	7.0	<10	30	0.47	0.19	0.10	0.03	108.50	19.7	31	5.01
C203823		0.54	<0.005	0.06	1.61	8.8	<10	120	1.52	0.24	0.25	0.16	51.40	10.7	31	5.40
C203824		0.62	0.008	0.23	2.13	18.6	<10	70	2.12	1.25	0.05	0.29	241.00	18.6	25	6.63
C203825		0.74	<0.005	0.27	2.59	27.5	<10	60	1.31	3.31	0.03	0.10	167.00	15.0	34	13.15
C203826		0.64	<0.005	0.06	1.42	10.4	<10	130	0.63	0.40	0.43	0.25	33.00	10.5	19	0.92
C203827		0.42	<0.005	0.12	1.18	11.0	<10	40	0.47	0.51	0.18	0.20	71.20	11.1	16	1.58
C203828		0.64	<0.005	0.13	1.61	23.5	<10	40	1.01	0.88	0.07	0.58	101.00	21.8	20	1.50
C203829		0.62	0.005	0.13	1.38	12.0	<10	90	0.61	0.44	0.77	0.30	63.20	11.7	17	1.25
C203830		0.04	<0.005	<0.01	0.01	0.2	<10	<10	<0.05	0.01	0.01	0.02	1.13	0.1	<1	<0.05
C203831		0.40	<0.005	0.17	0.99	12.3	<10	170	0.32	0.40	0.82	0.21	21.40	8.7	12	0.86
C203832		0.58	<0.005	0.06	1.55	17.7	<10	120	0.43	0.55	0.37	0.15	29.90	11.9	19	1.34
C203833		0.50	<0.005	0.44	1.42	29.1	<10	70	0.72	0.62	0.08	0.22	52.70	3.6	16	6.12
C203834		0.70	0.007	0.70	2.82	42.9	<10	60	3.03	1.71	0.11	1.24	282.00	170.5	26	8.99
C203835		0.68	0.007	0.40	2.23	95.1	<10	90	1.80	2.92	0.05	0.32	71.00	10.5	35	5.89

Comments: NSS is non-sufficient sample.

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Finalized Date: 7-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089264

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C332232		73.1	4.07	4.26	0.09	0.06	0.04	0.055	0.11	23.0	15.6	0.61	1055	1.27	0.01	0.34
C332233		143.5	3.36	4.21	0.06	0.08	0.03	0.052	0.11	16.7	12.9	0.48	754	2.75	0.01	0.34
C332234		68.9	5.77	5.09	0.08	0.03	0.06	0.076	0.09	12.3	5.2	0.24	3900	5.95	0.01	0.40
C332235		55.0	4.88	3.04	<0.05	0.06	0.05	0.051	0.13	9.0	8.5	0.54	1980	2.10	0.01	0.43
C332236		431.0	6.92	1.97	0.10	0.17	0.06	0.131	0.09	11.1	4.9	0.46	6430	5.73	0.01	0.17
C332237		257.0	5.93	2.29	0.10	0.14	0.06	0.090	0.09	17.5	7.3	0.61	4760	2.07	0.01	0.16
C332238		144.0	8.11	2.59	0.09	0.13	0.08	0.151	0.07	11.0	5.2	0.47	8020	2.54	0.01	0.17
C332239		184.5	8.87	2.77	0.10	0.17	0.09	0.130	0.12	14.7	6.2	0.59	6910	1.80	0.01	0.23
C332240		40.1	3.29	3.38	0.05	0.05	0.03	0.051	0.10	16.7	8.2	0.35	1140	1.18	0.01	0.36
C332241		35.6	3.28	3.72	0.05	0.05	0.05	0.047	0.10	14.5	7.2	0.30	1340	1.37	0.01	0.47
C332242		39.4	2.96	3.54	0.05	0.03	0.03	0.035	0.11	21.7	6.0	0.28	843	1.10	0.01	0.30
C332243		39.6	3.14	4.06	0.07	0.02	0.01	0.040	0.09	19.4	7.0	0.24	836	1.72	0.01	0.49
C332244		34.9	2.43	3.22	0.05	0.03	0.03	0.030	0.10	17.7	6.4	0.26	609	1.02	0.01	0.23
C332245		40.5	2.50	2.97	0.05	0.03	0.02	0.029	0.10	21.6	6.0	0.28	520	0.87	0.01	0.18
C332246		39.4	2.66	3.52	0.05	0.02	0.04	0.028	0.10	23.2	4.0	0.18	1880	1.06	0.01	0.30
C332247		69.8	3.65	3.30	0.06	0.11	0.06	0.048	0.16	11.7	8.7	0.53	1690	1.41	0.01	0.25
C332248		35.6	3.07	3.88	0.06	<0.02	0.04	0.032	0.09	20.1	3.5	0.18	876	1.33	0.01	0.42
C332249		46.9	3.65	3.45	0.06	<0.02	0.03	0.039	0.09	15.6	4.2	0.19	1370	1.78	0.01	0.37
C332250		76.7	3.79	2.85	0.06	0.05	0.04	0.042	0.11	23.8	9.4	0.45	1120	1.51	<0.01	0.22
C202751		57.2	3.43	3.52	0.06	0.05	0.02	0.039	0.10	24.5	12.4	0.46	565	1.25	<0.01	0.24
C202752		56.2	2.97	2.58	0.06	0.03	0.03	0.032	0.11	26.3	7.1	0.43	949	0.96	<0.01	0.18
C202753		62.1	3.19	2.41	0.06	0.04	0.01	0.031	0.11	23.8	7.9	0.62	1160	0.81	0.01	0.09
C202105		533.0	4.47	7.91	0.10	0.05	0.04	0.041	0.11	42.5	38.1	1.23	1780	18.95	0.02	1.35
C202106		545.0	4.57	7.17	0.09	0.05	0.04	0.045	0.11	40.1	36.7	1.09	1970	13.20	0.02	1.10
C202107		66.4	3.71	9.11	0.05	0.02	0.04	0.022	0.10	24.2	26.8	0.79	1670	6.25	0.01	0.56
C202108		80.2	3.98	9.14	0.07	0.02	0.06	0.025	0.10	30.2	28.6	0.82	1800	6.83	0.01	0.57
C203822		41.7	3.53	4.18	0.08	0.03	0.02	0.011	0.04	44.0	26.1	0.71	307	0.43	0.01	0.06
C203823		16.2	2.66	4.35	0.06	0.06	0.03	0.026	0.05	27.5	15.5	0.72	1330	0.77	0.01	1.26
C203824		79.5	4.52	5.13	0.11	0.09	0.05	0.056	0.07	109.0	33.6	0.55	639	3.14	0.04	0.83
C203825		141.0	7.07	6.61	0.12	0.11	0.05	0.136	0.07	64.9	33.1	0.43	503	3.99	0.02	0.62
C203826		14.0	3.17	3.94	0.05	0.05	0.02	0.037	0.07	13.2	15.4	0.40	567	1.32	0.01	0.40
C203827		25.0	2.79	3.32	0.06	0.04	0.03	0.038	0.05	32.5	18.4	0.37	408	1.11	0.01	0.58
C203828		50.3	4.32	4.20	0.10	0.06	0.01	0.037	0.07	47.9	37.5	0.69	659	3.14	0.02	0.84
C203829		27.5	2.62	3.46	0.06	0.06	0.03	0.025	0.06	32.8	22.2	0.59	630	0.85	0.01	0.81
C203830		0.9	0.02	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	<0.01	<5	<0.05	<0.01	<0.05
C203831		16.3	2.39	3.44	0.05	0.06	0.06	0.029	0.06	10.2	10.4	0.28	285	1.85	0.01	0.33
C203832		15.2	4.04	4.51	0.06	0.05	0.02	0.038	0.05	12.8	24.9	0.39	365	1.62	0.01	0.61
C203833		35.7	2.94	4.06	0.07	0.03	0.05	0.035	0.08	23.8	20.3	0.41	241	3.29	0.01	1.04
C203834		216.0	5.78	7.07	0.23	0.20	0.07	0.128	0.12	61.6	40.5	0.97	3760	2.45	0.01	1.93
C203835		147.5	16.70	6.47	0.18	0.04	0.04	0.102	0.11	38.1	18.4	0.54	379	10.55	0.03	1.73

Comments: NSS is non-sufficient sample.

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	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C332232		30.5	290	10.7	13.4	<0.001	0.02	0.94	2.4	0.6	0.2	3.2	<0.01	0.06	8.7	0.008
C332233		23.3	750	7.0	15.3	<0.001	0.06	0.77	2.4	<0.2	0.3	4.9	<0.01	0.09	4.2	0.008
C332234		18.1	880	32.8	20.6	<0.001	0.07	1.32	3.5	0.5	0.5	7.4	0.01	0.13	2.1	0.022
C332235		17.4	880	8.7	13.5	<0.001	0.07	0.69	3.5	0.4	0.3	6.3	0.01	0.06	2.7	0.016
C332236		37.8	760	11.1	9.0	<0.001	0.11	1.44	4.0	0.7	0.2	8.1	0.01	0.10	3.5	0.007
C332237		31.7	480	17.3	8.6	<0.001	0.04	1.49	3.9	0.4	0.2	5.5	<0.01	0.08	6.4	0.008
C332238		23.2	820	67.5	11.4	<0.001	0.09	1.12	3.5	0.6	0.3	6.6	0.01	0.08	2.8	0.009
C332239		38.1	690	26.5	12.7	<0.001	0.07	1.30	5.4	0.7	0.3	7.0	0.01	0.07	5.0	0.008
C332240		18.0	470	9.1	12.0	<0.001	0.04	0.84	1.9	<0.2	0.3	5.2	<0.01	0.05	4.0	0.010
C332241		16.3	570	10.9	12.0	<0.001	0.06	0.82	1.8	0.3	0.3	6.5	<0.01	0.06	3.2	0.014
C332242		15.3	300	8.2	14.4	<0.001	0.02	0.79	1.5	<0.2	0.3	3.4	<0.01	0.05	5.3	0.008
C332243		14.9	360	9.6	18.5	<0.001	0.03	0.81	1.7	<0.2	0.4	4.1	<0.01	0.06	3.5	0.011
C332244		13.8	590	5.9	14.0	<0.001	0.04	0.77	1.1	0.2	0.3	2.9	<0.01	0.04	2.8	0.007
C332245		14.5	380	5.3	11.7	<0.001	0.02	0.72	1.2	<0.2	0.3	1.8	<0.01	0.04	4.1	0.005
C332246		13.4	320	7.6	13.4	<0.001	0.02	0.75	1.3	0.3	0.3	3.1	<0.01	0.05	4.9	0.008
C332247		24.6	930	10.9	18.4	<0.001	0.09	0.97	2.8	0.5	0.3	10.4	<0.01	0.06	3.7	0.008
C332248		12.2	370	6.2	13.9	<0.001	0.03	0.81	1.1	<0.2	0.3	3.4	<0.01	0.06	1.9	0.014
C332249		14.5	490	8.2	15.7	<0.001	0.03	0.79	1.5	<0.2	0.3	4.6	<0.01	0.08	1.5	0.016
C332250		23.6	280	5.4	13.2	<0.001	0.01	0.74	2.2	0.3	0.3	1.7	<0.01	0.06	6.8	0.007
C202751		25.8	230	6.2	12.9	<0.001	0.01	0.95	2.0	0.3	0.2	1.5	<0.01	0.05	8.5	0.005
C202752		21.6	270	5.1	9.1	<0.001	0.01	0.79	1.9	0.2	0.2	1.8	<0.01	0.05	6.3	0.007
C202753		23.5	290	6.3	7.2	<0.001	0.01	1.04	2.0	<0.2	<0.2	2.3	<0.01	0.03	8.5	0.006
C202105		37.6	950	24.2	21.3	<0.001	0.09	0.79	4.8	0.5	0.6	8.0	0.01	0.22	8.9	0.066
C202106		41.2	950	39.3	19.6	<0.001	0.09	1.02	4.5	0.6	0.5	8.6	0.01	0.22	8.9	0.060
C202107		21.5	1000	14.4	33.9	<0.001	0.08	0.63	2.1	0.2	0.7	6.6	<0.01	0.09	1.7	0.039
C202108		23.9	1160	15.9	32.5	<0.001	0.10	0.68	2.5	0.2	0.8	7.1	0.01	0.12	1.9	0.039
C203822		31.1	540	3.0	6.2	<0.001	0.02	0.32	2.2	<0.2	0.4	2.2	<0.01	0.02	23.1	0.032
C203823		29.2	410	11.8	13.6	<0.001	0.04	0.64	3.9	<0.2	0.5	9.5	0.01	0.03	6.0	0.063
C203824		44.5	930	61.8	10.4	<0.001	0.16	2.45	2.3	0.9	0.4	14.8	0.01	0.11	16.9	0.020
C203825		33.7	1540	72.1	12.1	<0.001	0.15	6.04	3.2	2.1	0.6	9.5	0.01	0.28	39.3	0.010
C203826		17.4	280	31.5	14.5	<0.001	0.02	0.61	2.5	<0.2	0.5	7.9	<0.01	0.06	4.6	0.006
C203827		17.8	660	13.4	9.0	<0.001	0.06	0.87	1.6	0.4	0.2	4.8	<0.01	0.04	14.4	0.011
C203828		29.5	530	40.6	7.1	0.001	0.12	2.77	1.7	0.4	0.2	8.2	0.01	0.10	23.0	0.014
C203829		24.7	590	13.5	8.4	<0.001	0.05	0.75	2.1	0.3	0.2	12.0	0.01	0.04	9.4	0.015
C203830		0.3	10	1.1	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.5	<0.01	<0.01	0.3	<0.005
C203831		14.5	490	27.5	10.7	<0.001	0.07	0.84	2.3	0.5	0.4	12.6	<0.01	0.06	2.6	0.006
C203832		18.6	260	31.9	10.4	<0.001	0.02	0.76	2.2	0.2	0.5	7.3	<0.01	0.07	5.6	0.010
C203833		7.5	870	14.9	10.8	<0.001	0.15	0.89	1.2	0.7	0.3	9.2	0.01	0.07	9.6	0.009
C203834		136.0	910	390.0	17.2	<0.001	0.10	2.10	4.6	1.0	0.7	14.1	0.05	0.16	35.6	0.067
C203835		11.4	2520	118.5	12.4	<0.001	0.34	4.95	2.4	1.7	0.5	46.9	0.03	0.33	60.1	0.066

Comments: NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 7-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089264

Sample Description	Method Analyte Units LOR	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
C332232		0.08	0.89	17	0.07	5.75	37	1.8
C332233		0.08	0.92	19	0.08	5.17	36	1.8
C332234		0.22	1.34	38	0.12	6.71	65	0.6
C332235		0.07	1.75	34	0.11	7.88	63	1.1
C332236		0.09	3.06	13	0.09	22.30	87	4.4
C332237		0.08	1.56	15	0.08	16.95	51	3.5
C332238		0.09	1.48	16	0.09	13.35	195	2.9
C332239		0.10	1.85	18	0.11	25.90	108	4.0
C332240		0.06	0.79	17	0.08	4.51	38	1.4
C332241		0.07	0.84	21	0.10	4.67	45	1.2
C332242		0.06	0.52	16	0.07	3.74	31	0.8
C332243		0.08	0.61	25	0.11	2.73	34	<0.5
C332244		0.06	0.55	15	0.07	2.14	37	0.7
C332245		0.05	0.53	13	0.07	2.34	24	0.7
C332246		0.07	0.55	18	0.06	2.80	30	<0.5
C332247		0.06	1.31	16	0.07	7.53	125	2.6
C332248		0.06	0.53	23	0.10	2.07	37	<0.5
C332249		0.06	0.67	25	0.11	2.25	65	<0.5
C332250		0.07	1.02	16	0.09	3.80	19	0.9
C202751		0.07	0.62	14	0.07	3.43	21	1.6
C202752		0.04	0.66	12	0.06	4.32	19	0.7
C202753		0.04	0.65	11	0.08	5.22	24	1.2
C202105		0.09	6.01	47	0.48	20.80	95	<0.5
C202106		0.10	9.35	44	0.44	21.40	137	<0.5
C202107		0.18	3.10	62	0.26	10.95	66	<0.5
C202108		0.17	4.14	60	0.27	13.10	70	<0.5
C203822		0.04	2.68	27	0.07	8.22	39	<0.5
C203823		0.09	1.22	42	0.39	20.50	56	0.9
C203824		0.14	3.57	28	0.23	19.75	176	1.0
C203825		0.23	4.64	31	2.93	17.30	109	1.7
C203826		0.12	0.70	38	0.16	4.32	69	1.1
C203827		0.07	2.37	16	0.08	8.63	116	0.6
C203828		0.08	3.64	14	0.13	15.00	240	0.9
C203829		0.08	1.99	19	0.13	11.75	162	1.0
C203830		<0.02	0.09	<1	<0.05	0.67	4	0.5
C203831		0.15	0.82	36	0.14	3.96	67	1.4
C203832		0.17	0.72	40	0.15	3.50	80	1.2
C203833		0.14	2.09	14	0.18	8.67	61	1.0
C203834		0.26	6.46	39	0.35	58.40	984	0.9
C203835		0.30	3.86	40	0.21	10.75	156	1.4

Comments: NSS is non-sufficient sample.

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Finalized Date: 7-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089264

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C203836		0.74	0.008	0.58	2.37	133.5	<10	70	1.80	2.28	0.04	0.10	156.50	13.1	28	5.27
C203837		0.72	0.008	0.59	1.95	44.8	<10	50	1.19	1.90	0.02	0.03	122.50	2.7	25	4.97
C203838		0.40	0.022	0.23	0.62	5.5	<10	50	0.34	0.29	0.08	0.68	26.10	2.4	5	0.68
C203839		0.82	0.016	0.42	2.12	77.6	<10	100	2.13	2.55	0.05	0.12	173.00	8.4	24	5.93
C203840		0.68	0.008	0.26	2.32	51.2	<10	110	2.25	2.21	0.09	0.22	115.50	15.6	23	6.29
C203841		0.42	0.006	0.20	0.48	7.2	<10	40	0.40	0.30	0.09	0.93	21.00	3.4	8	1.42
C203842		0.48	0.008	0.47	1.85	170.0	<10	70	2.28	2.75	0.09	0.38	95.40	20.0	21	4.17
C203843		0.58	<0.005	0.13	2.07	33.2	<10	60	2.26	1.12	0.05	0.20	64.90	10.1	18	4.32
C203844		0.64	<0.005	0.24	2.08	43.1	<10	70	2.22	1.27	0.09	0.39	78.50	22.4	19	3.98
C203845		0.44	<0.005	0.06	0.57	2.5	<10	60	0.11	0.10	0.09	0.06	6.04	1.1	8	0.41
C203846		0.50	NSS	0.25	0.51	12.9	<10	60	0.38	0.36	0.11	0.22	16.95	3.1	9	0.90
C203847		0.54	<0.005	0.22	1.45	39.9	<10	50	1.10	0.82	0.07	0.18	60.10	6.3	18	1.91
C203848		0.64	0.005	0.32	1.83	167.0	<10	50	1.91	2.19	0.07	0.30	72.40	16.6	20	2.89
C203849		0.50	0.005	0.25	1.85	89.5	<10	60	2.91	2.16	0.06	0.39	108.50	17.3	22	2.95
C203850		0.46	0.006	0.30	1.98	94.0	<10	70	3.02	2.37	0.06	0.41	116.50	19.8	23	3.30

Comments: NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06089264

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C203836		174.5	8.69	6.00	0.16	0.08	0.05	0.100	0.06	81.6	29.7	0.53	511	9.53	0.03	1.94
C203837		77.9	6.40	5.73	0.16	0.04	0.02	0.083	0.11	56.9	47.6	0.70	373	8.62	0.04	0.58
C203838		13.8	0.97	1.22	<0.05	<0.02	0.09	0.011	0.04	13.9	1.4	0.04	36	1.54	0.01	0.34
C203839		114.5	6.70	5.49	0.15	0.04	0.03	0.076	0.07	86.4	39.4	0.58	460	11.85	0.04	1.99
C203840		80.6	5.46	5.02	0.13	0.07	0.06	0.085	0.07	64.1	37.7	0.54	863	8.48	0.03	1.69
C203841		19.7	1.18	2.00	<0.05	<0.02	0.09	0.013	0.06	11.9	2.5	0.07	71	2.19	0.01	0.39
C203842		111.5	6.11	5.49	0.11	0.03	0.06	0.103	0.06	57.9	26.0	0.40	519	14.50	0.02	1.44
C203843		62.2	4.85	5.99	0.08	0.04	0.07	0.053	0.06	37.8	29.0	0.38	435	5.01	0.01	1.58
C203844		87.9	4.49	4.82	0.09	0.07	0.10	0.059	0.06	39.6	31.1	0.50	606	5.06	0.02	1.52
C203845		6.7	1.23	0.67	<0.05	<0.02	0.02	<0.005	0.05	3.2	0.7	0.07	116	0.70	0.01	0.16
C203846		22.5	1.19	2.19	0.05	<0.02	0.09	0.017	0.06	9.5	2.2	0.06	112	2.75	0.01	0.53
C203847		39.1	3.31	4.56	0.06	<0.02	0.05	0.028	0.06	35.3	35.8	0.52	339	4.31	0.01	0.97
C203848		89.3	5.83	5.10	0.11	0.02	0.04	0.087	0.05	43.6	34.8	0.51	569	10.80	0.01	1.47
C203849		96.2	5.38	5.25	0.10	0.04	0.06	0.068	0.06	75.4	39.5	0.55	495	9.12	0.02	1.92
C203850		104.0	5.63	5.72	0.11	0.04	0.07	0.069	0.06	78.0	42.0	0.59	528	9.87	0.02	1.99

Comments: NSS is non-sufficient sample.

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VANCOUVER BC V6C 1G8

Finalized Date: 7-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089264

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C203836		27.2	1690	55.7	7.4	<0.001	0.16	3.66	3.8	1.9	0.4	27.8	0.03	0.33	35.1	0.030
C203837		5.7	1410	39.6	13.5	<0.001	0.31	3.92	2.3	0.9	0.3	25.8	0.01	0.15	53.3	0.012
C203838		5.2	1070	9.9	2.1	<0.001	0.14	0.44	0.6	0.5	0.2	8.3	0.04	0.03	2.0	0.009
C203839		17.5	1510	40.3	8.8	<0.001	0.25	4.10	2.7	1.6	0.4	33.1	0.02	0.29	41.3	0.033
C203840		21.3	1380	36.1	10.6	<0.001	0.18	2.97	2.6	1.3	0.4	31.4	0.02	0.25	32.8	0.024
C203841		7.0	980	9.6	5.5	<0.001	0.07	0.63	0.5	0.6	0.3	10.0	0.01	0.04	0.8	0.008
C203842		29.4	1420	34.4	12.9	<0.001	0.11	3.96	2.7	1.5	0.5	20.4	0.02	0.33	13.6	0.022
C203843		21.0	940	28.7	12.1	<0.001	0.08	1.73	2.6	0.6	0.6	22.4	0.02	0.16	11.4	0.022
C203844		34.3	1070	31.8	9.1	<0.001	0.09	1.72	2.8	0.8	0.4	23.2	0.02	0.18	14.5	0.023
C203845		2.3	850	3.6	1.6	<0.001	0.07	0.22	0.3	0.2	<0.2	2.9	0.03	0.03	0.5	0.009
C203846		7.5	1400	11.6	4.0	<0.001	0.10	0.67	0.9	0.7	0.3	7.7	<0.01	0.06	1.0	0.008
C203847		16.5	700	15.3	8.6	<0.001	0.09	2.07	1.5	0.3	0.2	11.4	0.01	0.11	10.8	0.012
C203848		26.1	1080	26.2	9.3	<0.001	0.09	3.27	2.4	1.0	0.4	14.8	0.01	0.26	18.5	0.024
C203849		29.7	1080	23.0	8.2	<0.001	0.12	3.79	2.4	0.9	0.3	21.0	0.02	0.27	24.4	0.022
C203850		32.6	1170	25.3	9.5	<0.001	0.13	4.06	2.6	1.3	0.4	22.9	0.02	0.27	26.0	0.023

Comments: NSS is non-sufficient sample.

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Finalized Date: 7-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06089264

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C203836		0.15	5.30	25	0.69	28.40	199	0.6
C203837		0.16	6.56	18	0.19	13.50	106	1.3
C203838		0.03	1.11	9	0.08	5.18	40	0.5
C203839		0.16	7.82	22	0.38	20.60	135	0.5
C203840		0.19	4.46	24	0.30	16.70	153	1.5
C203841		0.07	1.13	15	0.17	3.44	65	0.6
C203842		0.14	4.10	33	0.46	15.35	235	<0.5
C203843		0.17	2.48	36	0.29	12.80	147	0.8
C203844		0.14	3.30	28	0.34	15.95	192	1.0
C203845		<0.02	0.35	20	0.05	0.97	57	<0.5
C203846		0.05	1.15	18	0.13	3.10	50	<0.5
C203847		0.06	1.86	19	0.15	8.34	111	<0.5
C203848		0.10	3.95	25	0.33	12.75	217	0.5
C203849		0.10	4.05	26	0.35	12.85	209	0.6
C203850		0.11	4.36	26	0.35	14.75	220	0.5

Comments: NSS is non-sufficient sample.

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Finalized Date: 8-OCT-2006
Account: EIA

CERTIFICATE VA06089263

Project: Werneckles

P.O. No.: FRG06-01

This report is for 157 Soil samples submitted to our lab in Vancouver, BC, Canada on 23-AUG-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
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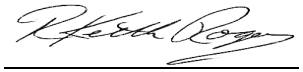
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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CERTIFICATE OF ANALYSIS VA06089263

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C203580		0.38	<0.005	0.08	1.09	7.1	<10	30	0.25	0.19	0.05	0.09	73.80	9.6	22	3.54
C203581		0.38	<0.005	0.12	1.36	4.1	<10	190	1.14	0.90	1.14	0.43	47.40	17.5	19	4.27
C203582		0.48	<0.005	0.04	1.71	3.9	<10	140	2.30	0.25	0.68	0.19	153.50	13.3	30	6.87
C203583		0.54	<0.005	1.15	1.98	82.2	<10	100	2.94	3.44	0.06	0.51	173.00	8.1	23	7.23
C203584		0.42	<0.005	0.36	0.97	52.1	<10	270	1.13	0.95	1.52	0.58	91.80	14.0	8	1.44
C203585		0.28	0.007	0.27	0.91	30.3	<10	60	0.52	0.87	0.16	0.39	53.70	12.6	14	2.68
C203586		0.64	<0.005	0.07	1.44	44.8	<10	80	0.91	0.94	0.13	0.32	95.60	27.4	19	1.97
C203587		0.56	<0.005	0.23	2.02	22.6	<10	200	1.59	0.69	0.32	1.12	189.00	53.5	24	1.59
C203588		0.50	<0.005	0.08	1.57	12.2	<10	160	0.70	0.44	0.29	0.29	43.50	13.2	19	1.20
C203589		0.44	<0.005	0.30	0.94	14.9	<10	20	0.36	0.55	0.03	0.09	114.00	6.7	11	2.53
C203590		0.06	<0.005	0.01	0.01	0.1	<10	<10	<0.05	0.01	<0.01	0.03	1.96	0.1	<1	<0.05
C203591		0.58	<0.005	0.09	1.57	11.2	<10	90	0.87	0.58	0.15	0.12	81.10	23.5	20	2.29
C203592		0.62	0.005	0.12	1.45	156.0	<10	90	0.72	1.58	0.27	0.09	52.10	28.5	58	2.07
C203593		0.44	<0.005	0.08	1.33	32.1	<10	70	0.54	0.68	0.12	0.25	29.70	11.4	17	1.76
C203594		0.42	<0.005	0.03	0.88	5.1	<10	50	0.32	0.26	0.06	0.05	49.10	6.5	12	1.32
C203595		0.44	<0.005	0.03	1.78	7.6	<10	60	0.51	0.29	0.05	0.09	38.40	8.8	20	1.40
C203596		0.50	<0.005	0.03	0.94	3.7	<10	70	0.65	0.38	0.03	0.09	31.60	10.0	10	2.23
C203597		0.50	<0.005	0.08	0.60	2.9	<10	60	0.48	0.25	0.07	0.12	34.20	8.4	7	2.43
C203598		0.40	<0.005	0.05	0.49	5.4	<10	30	0.23	0.25	0.02	0.08	32.70	3.7	11	1.94
C203599		0.68	<0.005	0.03	0.33	3.7	<10	20	0.34	0.27	0.03	0.02	44.00	27.0	5	2.21
C203600		0.46	<0.005	0.03	0.38	2.5	<10	40	0.31	0.19	0.04	0.01	25.40	5.2	5	1.40
C202601		0.50	0.009	0.08	1.02	5.1	<10	80	1.51	0.44	0.06	0.10	48.30	88.0	10	2.82
C202602		0.46	0.005	0.03	0.88	6.9	<10	50	0.50	0.32	0.13	0.09	36.60	15.4	17	1.84
C202603		0.62	<0.005	0.03	0.66	3.6	<10	30	0.28	0.24	0.04	0.04	28.90	5.3	8	1.49
C202604		0.54	0.005	0.03	0.62	4.7	<10	40	0.30	0.24	0.04	0.05	46.90	8.3	12	0.98
C202605		0.64	0.006	0.04	0.65	2.6	<10	50	0.52	0.29	0.08	0.05	68.60	12.7	9	2.29
C202606		0.56	<0.005	0.04	0.49	3.2	<10	30	0.21	0.19	0.02	0.03	34.60	3.8	8	0.88
C202607		0.56	<0.005	0.04	0.42	4.7	<10	20	0.09	0.21	0.01	0.03	32.70	2.6	8	1.00
C202608		0.36	0.009	0.08	0.42	2.4	<10	30	0.17	0.14	0.02	0.07	31.40	4.0	6	1.15
C202609		0.48	<0.005	0.05	0.49	9.0	<10	20	0.22	0.27	0.02	0.02	32.20	10.4	7	1.24
C202610		0.06	0.008	0.01	0.01	<0.1	<10	<10	<0.05	0.01	<0.01	0.04	1.22	0.1	<1	<0.05
C202611		0.52	<0.005	0.49	0.36	8.1	<10	30	0.26	0.36	0.02	0.02	42.50	14.9	4	1.37
C202612		0.46	<0.005	0.11	0.33	14.8	<10	20	0.16	0.81	0.02	<0.01	22.40	9.5	6	1.17
C202613		0.52	0.005	0.07	0.79	6.2	<10	30	0.37	0.19	0.02	0.04	31.90	11.3	10	1.43
C202614		0.48	<0.005	0.06	0.36	5.0	<10	20	0.15	0.24	0.02	0.04	27.00	4.4	6	1.18
C202615		0.54	<0.005	0.03	0.35	4.2	<10	20	0.22	0.16	0.09	0.02	52.40	6.8	7	1.88
C202616		0.40	<0.005	0.04	1.08	6.4	<10	50	0.38	0.20	0.08	0.06	39.40	12.2	14	1.20
C202617		0.48	<0.005	0.03	0.38	4.1	<10	20	0.17	0.17	0.01	0.03	28.50	3.3	7	1.27
C202618		0.50	<0.005	0.04	0.72	4.6	<10	30	0.20	0.19	0.02	0.03	27.60	3.4	9	1.44
C202619		0.64	<0.005	0.01	0.67	0.4	<10	50	0.48	0.02	0.10	0.01	182.50	2.9	11	3.69

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 8-OCT-2006
Account: EIA

Project: Werneckles

CERTIFICATE OF ANALYSIS VA06089263

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C203580		8.6	2.73	4.85	0.06	<0.02	0.07	0.015	0.05	12.4	14.5	0.44	254	0.44	0.01	0.16
C203581		76.0	2.48	8.40	0.07	0.02	0.13	0.045	0.08	18.8	21.9	0.62	2530	2.12	0.01	0.87
C203582		28.9	2.44	7.96	0.14	0.06	0.07	0.042	0.10	58.7	31.5	1.16	1810	0.50	0.01	1.03
C203583		99.2	5.82	6.22	0.21	0.06	0.04	0.084	0.08	83.8	30.4	0.50	634	9.94	0.05	1.13
C203584		54.2	4.65	3.23	0.14	0.14	0.12	0.220	0.09	44.0	12.6	0.47	9380	2.20	0.01	0.19
C203585		43.2	2.35	3.60	0.07	0.02	0.08	0.047	0.06	25.5	10.4	0.27	535	1.57	0.01	0.56
C203586		52.3	4.00	4.22	0.12	0.05	0.03	0.045	0.09	25.5	28.4	0.62	1200	2.31	<0.01	0.75
C203587		58.1	4.11	5.86	0.23	0.17	0.06	0.047	0.13	83.4	35.1	0.74	739	2.14	0.01	0.85
C203588		20.3	3.04	4.55	0.07	0.04	0.03	0.032	0.07	18.5	24.7	0.51	449	1.37	0.01	0.69
C203589		90.5	1.95	2.71	0.12	0.03	0.04	0.025	0.04	48.0	10.4	0.18	181	0.77	<0.01	0.83
C203590		1.8	0.03	<0.05	<0.05	<0.02	<0.01	<0.005	<0.01	0.8	0.2	<0.01	<5	0.05	<0.01	<0.05
C203591		49.6	2.67	4.78	0.14	0.06	0.04	0.042	0.09	45.5	33.2	0.69	523	0.74	0.01	0.96
C203592		222.0	3.67	4.41	0.11	0.05	0.03	0.051	0.10	26.4	23.7	0.80	1170	1.13	<0.01	0.60
C203593		22.2	3.76	5.22	0.07	0.04	0.04	0.040	0.07	12.6	24.3	0.36	303	2.32	0.01	0.86
C203594		8.2	2.17	3.77	0.07	0.03	0.01	0.016	0.05	22.6	12.5	0.41	260	1.15	0.01	0.70
C203595		12.3	2.92	5.93	0.07	0.03	0.05	0.031	0.05	16.7	19.6	0.49	444	1.28	0.01	1.03
C203596		28.6	2.37	3.50	0.05	0.02	0.04	0.032	0.05	12.6	14.0	0.29	1280	2.95	<0.01	0.24
C203597		16.8	1.56	2.51	0.05	<0.02	0.07	0.022	0.06	15.2	6.5	0.17	795	2.53	<0.01	0.20
C203598		17.9	1.61	4.22	0.05	<0.02	0.05	0.021	0.04	15.2	1.5	0.04	88	1.86	<0.01	0.38
C203599		33.4	1.38	1.34	0.05	<0.02	0.02	0.010	0.04	19.4	4.3	0.07	352	1.45	<0.01	0.06
C203600		44.5	0.83	1.69	<0.05	<0.02	0.02	0.009	0.04	12.7	2.6	0.06	63	1.43	<0.01	0.17
C202601		83.9	2.62	3.66	0.06	0.03	0.10	0.034	0.05	13.0	14.4	0.32	1660	6.98	0.01	0.21
C202602		18.4	2.97	3.74	0.07	0.02	0.02	0.024	0.04	15.9	12.4	0.30	561	1.52	<0.01	0.74
C202603		10.0	1.92	3.18	0.05	<0.02	0.03	0.011	0.04	13.0	8.9	0.14	183	1.20	<0.01	0.33
C202604		15.7	2.76	3.20	0.07	<0.02	0.04	0.013	0.03	20.8	7.3	0.17	189	1.29	<0.01	0.48
C202605		22.4	1.64	2.21	0.08	0.03	0.01	0.013	0.04	30.4	10.5	0.29	566	1.87	<0.01	0.23
C202606		13.6	1.60	2.86	0.05	<0.02	0.03	0.010	0.04	15.0	3.5	0.08	122	1.06	<0.01	0.24
C202607		12.5	1.77	4.56	0.05	<0.02	0.01	0.009	0.03	14.8	1.7	0.05	60	1.10	<0.01	0.52
C202608		42.2	1.06	2.06	<0.05	<0.02	0.04	0.009	0.04	15.9	1.6	0.05	44	1.19	<0.01	0.22
C202609		58.8	1.58	2.22	0.05	0.02	0.02	0.008	0.04	15.3	4.5	0.10	107	2.51	<0.01	0.21
C202610		1.4	0.02	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	<0.01	<5	0.05	<0.01	<0.05
C202611		86.9	1.47	1.83	0.06	0.02	0.03	0.007	0.05	21.8	3.9	0.08	159	2.52	<0.01	0.14
C202612		55.3	1.63	2.54	0.05	<0.02	0.03	0.010	0.04	12.4	2.0	0.05	119	21.70	<0.01	0.16
C202613		52.0	1.95	2.81	0.06	<0.02	0.03	0.013	0.04	17.8	12.4	0.16	133	1.84	<0.01	0.41
C202614		22.1	1.26	3.87	0.05	<0.02	0.02	0.006	0.03	14.5	1.1	0.04	58	1.73	0.01	0.28
C202615		44.5	1.54	1.34	0.07	0.02	0.01	0.007	0.04	24.3	4.3	0.10	101	1.55	0.01	0.12
C202616		52.1	2.32	2.87	<0.05	0.02	0.02	0.013	0.05	18.1	13.6	0.24	228	1.60	0.01	0.68
C202617		24.1	1.23	2.39	0.05	<0.02	0.02	0.006	0.03	15.1	2.0	0.06	43	1.60	0.01	0.20
C202618		21.6	1.76	2.81	0.06	<0.02	0.03	0.012	0.04	14.7	5.9	0.11	95	1.57	0.01	0.39
C202619		0.8	2.18	2.70	0.16	0.16	<0.01	<0.005	0.11	89.2	12.8	0.36	169	0.41	0.01	<0.05

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06089263

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C203580		22.4	1010	4.7	10.3	<0.001	0.05	0.40	1.2	0.6	0.4	3.2	<0.01	0.03	3.0	0.014
C203581		19.4	1350	9.8	28.9	<0.001	0.11	0.65	1.7	0.9	0.7	14.5	0.01	0.11	0.9	0.027
C203582		32.7	1270	9.7	20.0	<0.001	0.05	0.39	4.3	1.2	0.6	17.3	0.01	0.03	6.2	0.041
C203583		18.9	1540	183.0	13.4	0.001	0.29	4.33	2.3	2.6	0.5	27.0	0.01	0.32	13.0	0.041
C203584		24.7	1590	26.8	11.0	0.001	0.14	1.96	2.5	2.1	0.3	17.4	0.01	0.13	2.5	0.008
C203585		14.5	1010	31.4	13.5	<0.001	0.09	0.90	1.0	1.0	0.3	6.9	<0.01	0.06	0.9	0.017
C203586		45.5	350	14.8	15.1	<0.001	<0.01	1.30	2.2	1.0	0.3	5.8	<0.01	0.09	13.7	0.022
C203587		91.7	610	29.3	17.6	0.001	<0.01	1.22	4.4	1.9	0.4	14.0	0.01	0.07	14.8	0.019
C203588		27.3	450	20.5	15.1	<0.001	<0.01	0.55	2.6	0.5	0.4	11.7	<0.01	0.04	6.1	0.013
C203589		11.1	860	8.1	7.9	<0.001	0.03	0.77	0.9	1.0	0.2	2.0	0.01	0.04	11.2	0.005
C203590		0.3	10	1.2	0.2	<0.001	<0.01	0.08	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.3	<0.005
C203591		47.1	300	12.0	19.5	<0.001	<0.01	0.80	3.7	1.0	0.4	7.8	0.01	0.05	13.9	0.030
C203592		55.4	410	12.5	20.1	<0.001	<0.01	1.29	4.4	0.7	0.4	7.1	<0.01	0.08	10.2	0.023
C203593		20.3	300	25.7	19.0	<0.001	<0.01	0.93	2.3	0.5	0.5	6.6	<0.01	0.09	6.3	0.013
C203594		12.8	330	6.6	10.0	<0.001	<0.01	0.42	1.9	0.3	0.4	4.8	<0.01	0.11	9.3	0.024
C203595		17.2	290	8.9	11.4	<0.001	<0.01	0.56	3.6	0.5	0.6	6.1	0.01	0.08	8.4	0.034
C203596		16.4	570	7.8	9.6	<0.001	<0.01	0.51	1.3	0.4	0.4	3.2	<0.01	0.18	3.5	0.013
C203597		12.3	860	6.9	9.3	<0.001	0.04	0.38	0.8	0.5	0.3	3.2	<0.01	0.10	1.9	0.011
C203598		7.2	640	7.6	8.5	<0.001	0.03	0.50	0.6	0.5	0.6	3.6	<0.01	0.06	0.2	0.017
C203599		9.5	680	3.0	8.7	<0.001	0.02	0.20	0.6	0.3	0.2	2.1	<0.01	0.13	5.7	<0.005
C203600		5.1	470	3.8	7.4	<0.001	0.01	0.20	0.6	0.3	0.2	2.3	<0.01	0.09	2.2	0.008
C202601		23.2	1000	9.9	10.5	<0.001	0.05	0.63	1.2	0.9	0.3	4.2	<0.01	0.23	4.4	0.012
C202602		19.4	620	9.4	5.9	<0.001	<0.01	0.59	1.9	0.5	0.4	8.2	<0.01	0.13	6.1	0.037
C202603		9.4	350	5.1	8.0	<0.001	<0.01	0.35	0.9	0.3	0.4	2.9	<0.01	0.11	3.0	0.016
C202604		13.8	360	5.8	7.4	<0.001	<0.01	0.40	1.1	0.3	0.4	3.5	<0.01	0.10	6.6	0.022
C202605		13.4	500	3.9	7.5	<0.001	<0.01	0.34	1.2	0.3	0.2	3.8	<0.01	0.17	6.3	0.015
C202606		7.3	390	4.6	8.9	<0.001	<0.01	0.29	0.7	0.3	0.3	2.0	<0.01	0.07	1.5	0.015
C202607		5.6	260	3.8	6.1	<0.001	<0.01	0.34	0.8	0.2	0.5	2.3	<0.01	0.05	3.6	0.024
C202608		5.0	680	3.2	8.1	<0.001	0.02	0.18	0.7	0.4	0.3	2.1	<0.01	0.07	1.5	0.008
C202609		8.4	400	3.6	8.9	<0.001	<0.01	0.24	0.8	0.4	0.2	2.3	<0.01	0.15	5.9	0.008
C202610		0.3	10	1.1	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.2	<0.005
C202611		8.1	420	3.9	9.2	<0.001	0.06	0.29	0.7	0.2	0.2	4.2	<0.01	0.15	3.1	0.005
C202612		5.4	520	3.8	7.7	<0.001	0.07	0.34	0.5	0.6	0.3	3.4	<0.01	0.31	0.8	0.009
C202613		11.8	280	5.9	7.6	<0.001	0.02	0.38	1.0	0.2	0.2	3.4	<0.01	0.08	5.0	0.014
C202614		4.9	310	3.6	6.3	<0.001	0.03	0.38	0.5	<0.2	0.4	2.2	0.02	0.07	0.6	0.015
C202615		9.5	630	3.1	7.4	<0.001	0.04	0.24	0.7	<0.2	<0.2	3.3	<0.01	0.07	6.2	0.006
C202616		12.4	530	5.9	8.5	<0.001	0.02	0.33	1.6	0.4	0.3	5.4	<0.01	0.06	10.2	0.019
C202617		5.9	370	4.1	8.3	<0.001	0.03	0.24	0.6	<0.2	0.2	2.3	<0.01	0.06	2.1	0.009
C202618		7.1	270	6.4	10.3	<0.001	0.02	0.27	1.0	<0.2	0.3	3.1	<0.01	0.06	4.4	0.014
C202619		16.6	450	2.5	10.4	<0.001	<0.01	0.14	1.1	0.2	0.3	2.0	<0.01	<0.01	26.0	0.037

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 8-OCT-2006
Account: EIA

Project: Werneckles

CERTIFICATE OF ANALYSIS VA06089263

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C203580		0.05	1.80	25	0.08	4.50	54	<0.5
C203581		0.11	1.59	35	0.32	9.73	54	<0.5
C203582		0.09	2.14	34	0.95	24.80	41	0.8
C203583		0.20	12.55	24	0.38	30.20	277	<0.5
C203584		0.70	1.51	13	0.14	44.70	228	2.1
C203585		0.12	1.76	22	0.10	8.40	92	<0.5
C203586		0.23	1.87	20	0.20	10.40	243	1.0
C203587		0.14	1.20	31	0.19	44.50	418	4.6
C203588		0.11	0.72	31	0.13	5.82	143	1.0
C203589		0.08	2.86	9	0.09	11.10	34	<0.5
C203590		<0.02	0.10	<1	<0.05	0.75	5	<0.5
C203591		0.17	2.17	21	0.21	21.80	193	1.4
C203592		0.15	1.16	27	0.17	13.50	93	1.1
C203593		0.18	0.75	41	0.39	3.37	109	1.5
C203594		0.07	0.78	27	0.16	2.72	23	1.0
C203595		0.11	3.23	43	0.22	2.90	34	1.1
C203596		0.08	1.49	20	0.22	2.91	30	<0.5
C203597		0.08	1.65	15	0.14	2.53	19	<0.5
C203598		0.06	1.36	41	0.21	2.05	20	<0.5
C203599		0.04	2.22	7	0.09	2.42	7	<0.5
C203600		0.06	1.23	10	0.09	2.20	7	<0.5
C202601		0.09	4.32	19	0.20	4.91	33	0.6
C202602		0.07	1.10	33	0.21	3.92	36	0.6
C202603		0.06	0.76	22	0.18	2.04	16	<0.5
C202604		0.06	0.96	26	0.20	2.43	16	<0.5
C202605		0.05	1.17	13	0.11	3.63	17	0.6
C202606		0.05	0.75	21	0.13	1.80	11	<0.5
C202607		0.05	0.65	34	0.16	1.41	11	<0.5
C202608		0.05	1.34	12	0.10	1.86	6	<0.5
C202609		0.05	1.23	13	0.16	1.96	8	0.5
C202610		<0.02	0.08	<1	<0.05	0.67	5	0.6
C202611		<0.02	1.83	8	0.15	1.72	6	<0.5
C202612		<0.02	1.20	16	0.19	1.24	11	<0.5
C202613		0.02	2.25	20	0.13	1.76	16	<0.5
C202614		<0.02	0.79	31	0.13	1.28	13	<0.5
C202615		<0.02	1.27	9	0.09	2.50	11	0.5
C202616		0.07	1.44	24	0.13	2.66	24	0.7
C202617		<0.02	1.11	15	0.11	1.50	7	<0.5
C202618		0.02	1.24	22	0.13	1.67	12	<0.5
C202619		0.06	1.71	15	<0.05	6.14	7	6.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 8-OCT-2006
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Project: Werneckles

CERTIFICATE OF ANALYSIS VA06089263

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C202620		0.68	0.007	0.04	0.49	2.7	<10	120	1.23	0.16	0.09	0.07	59.40	36.6	11	1.43
C202621		0.46	0.007	0.04	0.27	1.3	<10	30	0.18	0.09	0.02	0.06	27.90	4.8	5	1.21
C202622		0.56	0.007	0.06	0.45	3.7	<10	40	0.41	0.28	0.04	0.02	41.40	16.1	5	1.59
C202623		0.42	0.005	0.13	0.45	2.6	<10	60	0.17	0.15	0.05	0.04	24.20	5.9	5	1.71
C202624		0.54	<0.005	0.04	0.60	2.6	<10	30	0.26	0.14	0.03	0.02	25.80	11.6	5	2.28
C202625		0.58	<0.005	0.15	0.79	12.8	<10	150	0.65	0.26	7.17	0.67	22.70	10.7	10	0.95
C202626		0.40	0.011	0.16	1.31	21.2	<10	70	0.97	1.36	0.10	0.19	53.40	7.1	16	2.61
C202627		0.54	0.005	0.10	1.58	20.6	<10	40	0.85	0.74	0.05	0.09	37.50	9.7	20	2.99
C202628		0.64	<0.005	0.19	1.65	11.7	<10	70	1.30	0.70	0.07	0.70	168.00	24.2	19	5.11
C202629		0.40	0.011	0.37	1.74	51.5	<10	60	1.46	2.31	0.05	0.16	120.00	4.4	19	6.24
C202630		0.42	0.005	0.39	1.62	49.2	<10	60	1.17	2.22	0.05	0.17	115.00	4.0	18	5.68
C202631		0.70	<0.005	0.36	2.29	11.4	<10	140	3.14	1.85	0.03	0.65	286.00	17.3	22	6.99
C202632		0.58	0.010	1.08	2.29	127.0	<10	140	1.67	3.34	0.56	1.30	97.50	63.8	16	9.85
C202633		0.56	<0.005	0.08	1.99	13.6	<10	70	1.48	0.34	0.11	0.36	87.00	25.2	25	5.13
C202634		0.58	0.005	0.20	1.57	28.3	<10	100	1.35	0.89	0.33	0.47	82.40	13.5	16	5.62
C202635		0.50	<0.005	0.48	0.97	36.9	<10	90	0.82	8.96	1.68	0.54	59.80	17.0	5	1.31
C202636		0.56	<0.005	0.08	1.02	11.5	<10	30	0.59	0.78	0.04	0.09	38.80	6.5	14	4.11
C202637		0.50	0.005	0.36	1.45	73.9	<10	60	0.60	1.31	0.18	0.22	60.50	20.6	21	1.85
C202638		0.38	0.021	0.63	0.26	110.0	<10	290	0.82	5.30	8.29	0.07	23.30	55.5	3	0.35
C202639		0.44	0.012	0.44	0.17	98.6	<10	200	0.62	3.75	9.97	0.06	18.35	42.9	2	0.22
C202640		0.44	0.051	0.19	0.68	41.1	<10	2320	1.22	3.61	0.81	0.16	26.00	44.7	9	0.55
C202641		0.56	0.016	0.14	1.07	27.6	<10	1420	1.56	1.12	0.42	0.31	48.70	29.7	14	0.88
C202642		0.62	0.024	0.25	0.78	45.1	<10	1090	1.11	2.05	1.32	0.27	35.10	27.5	10	0.78
C202643		0.48	0.017	0.70	0.68	54.8	<10	1130	1.07	1.80	2.88	0.55	36.60	34.4	9	1.10
C202644		0.58	0.007	0.64	0.21	79.2	<10	250	0.87	5.46	9.82	0.13	21.00	20.1	3	0.34
C202645		0.58	0.005	0.27	0.19	22	<10	100	0.48	2.49	15.15	0.08	12.45	9.2	3	0.21
C202646		0.66	<0.005	0.60	0.17	34	<10	80	0.54	0.87	12.45	0.07	17.05	16.5	3	0.22
C202647		0.46	<0.005	0.57	0.45	29.2	<10	70	0.78	0.36	2.80	0.15	28.90	14.4	8	0.35
C202648		0.58	<0.005	1.30	0.38	54.6	10	80	1.13	0.52	8.05	0.25	25.30	16.3	6	0.37
C202649		0.58	<0.005	0.85	0.31	28.8	10	70	0.61	0.22	8.51	0.18	29.10	15.7	5	0.36
C202650		0.52	<0.005	0.93	0.35	29.5	10	90	0.70	0.24	7.38	0.20	29.80	16.5	6	0.36
C202651		0.56	<0.005	0.97	0.39	36.0	10	70	0.68	0.27	6.85	0.19	30.10	17.0	7	0.39
C202652		0.58	<0.005	1.19	0.38	48.1	10	60	0.45	0.47	9.50	0.24	21.50	15.7	6	0.42
C202653		0.52	0.006	2.28	0.56	65.5	<10	100	0.56	0.28	0.69	0.31	25.30	14.0	9	0.50
C202654		0.54	<0.005	0.92	0.40	35.6	10	120	0.52	0.24	8.42	0.34	25.10	9.3	6	0.33
C202655		0.58	<0.005	2.39	0.23	209.0	10	80	0.29	0.27	9.77	0.24	15.30	14.7	4	0.20
C202656		0.44	0.005	2.48	0.60	86.2	10	180	0.54	0.45	2.20	0.56	29.40	14.0	9	0.41
C202657		0.46	<0.005	2.06	0.38	77.7	10	120	0.46	0.31	8.01	0.41	21.40	11.6	6	0.30
C202658		0.52	<0.005	2.27	0.52	84.4	<10	120	0.43	0.36	4.27	0.42	23.20	12.9	8	0.39
C202659		0.38	<0.005	3.50	0.44	126.5	<10	120	0.40	0.38	3.30	0.59	23.10	13.2	6	0.32

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06089263

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C202620		92.0	4.32	1.79	0.11	0.05	0.02	0.035	0.04	26.8	7.5	0.12	1655	5.07	0.01	0.21
C202621		14.2	1.16	1.37	0.05	0.02	0.04	0.005	0.04	13.9	1.9	0.05	237	1.63	0.01	0.05
C202622		37.4	1.30	1.41	0.05	0.02	0.03	0.006	0.05	21.3	6.0	0.12	169	2.70	0.01	0.06
C202623		9.8	0.96	2.47	<0.05	<0.02	0.05	0.006	0.05	12.6	3.0	0.10	116	1.39	0.01	0.21
C202624		12.4	1.32	2.68	<0.05	<0.02	0.04	0.005	0.04	12.0	6.4	0.12	74	2.72	0.01	0.13
C202625		29.1	2.46	2.19	0.07	0.06	0.08	0.028	0.06	11.1	15.6	4.40	672	1.94	0.02	0.16
C202626		68.4	4.11	4.88	0.10	0.02	0.12	0.060	0.05	31.9	19.4	0.25	264	3.13	0.01	0.92
C202627		37.8	4.83	7.21	0.09	0.03	0.08	0.036	0.04	17.8	27.6	0.20	203	2.61	0.01	2.09
C202628		47.6	3.03	5.12	0.18	0.06	0.02	0.041	0.10	76.6	46.1	0.48	947	0.90	0.01	0.35
C202629		62.5	4.30	6.95	0.14	0.03	0.03	0.101	0.09	89.5	36.0	0.41	213	10.60	0.03	1.26
C202630		59.5	4.04	6.53	0.12	0.03	0.03	0.093	0.08	87.2	29.1	0.35	176	10.10	0.03	1.12
C202631		88.9	4.71	6.82	0.29	0.08	0.03	0.078	0.13	139.5	79.3	0.48	493	2.82	0.05	0.58
C202632		188.5	9.10	8.59	0.29	0.23	0.05	0.098	0.15	48.0	52.9	1.71	5540	22.00	0.01	0.47
C202633		21.8	4.30	5.95	0.12	0.04	0.05	0.040	0.08	30.8	42.3	0.49	805	1.47	0.01	0.97
C202634		36.3	3.45	4.86	0.13	0.06	0.08	0.069	0.08	36.6	36.9	0.78	3470	2.77	0.02	0.44
C202635		53.2	12.45	3.00	0.20	0.20	0.07	0.331	0.06	26.5	19.9	1.17	24100	1.36	0.01	0.13
C202636		19.2	3.61	6.12	0.07	0.02	0.06	0.021	0.08	16.9	10.6	0.18	528	1.34	0.01	0.44
C202637		196.0	3.46	4.05	0.11	0.06	0.02	0.057	0.05	36.2	22.8	0.69	962	0.81	0.01	0.42
C202638		456.0	8.00	0.71	0.14	0.11	0.28	0.175	0.04	12.6	3.0	4.87	4210	9.53	0.02	0.11
C202639		342.0	7.22	0.45	0.12	0.10	0.22	0.136	0.05	9.9	2.3	5.76	3010	8.39	0.02	0.09
C202640		847.0	5.88	1.90	0.11	0.14	0.12	0.341	0.05	17.3	4.2	0.23	4460	12.05	0.01	0.22
C202641		163.5	6.68	2.58	0.14	0.12	0.10	0.195	0.06	28.2	11.6	0.27	7330	4.56	0.01	0.26
C202642		233.0	5.64	2.05	0.11	0.08	0.13	0.183	0.06	21.5	10.2	0.52	3670	4.32	0.01	0.25
C202643		203.0	5.39	2.07	0.12	0.11	0.39	0.190	0.07	18.8	8.5	1.71	3330	4.04	0.01	0.30
C202644		56.8	6.18	0.59	0.11	0.08	0.20	0.111	0.03	11.5	3.0	5.62	4350	2.26	0.02	0.08
C202645		29.5	3.93	0.47	0.07	0.05	0.08	0.075	0.02	6.4	3.6	8.94	3710	1.09	0.02	0.10
C202646		64.3	2.47	0.43	0.07	0.05	0.14	0.077	0.03	8.4	3.1	7.81	1410	1.22	0.02	0.09
C202647		32.3	3.63	1.40	0.07	0.06	0.13	0.066	0.05	14.7	9.4	1.37	1235	0.97	0.01	0.14
C202648		37.6	4.97	1.18	0.07	0.05	0.24	0.060	0.06	13.4	14.3	4.69	1790	0.98	0.01	0.14
C202649		33.3	3.88	0.95	0.08	0.06	0.17	0.043	0.07	14.6	12.3	4.93	1690	0.67	0.01	0.10
C202650		34.4	4.24	0.96	0.07	0.06	0.18	0.045	0.08	15.2	12.3	4.29	1805	0.70	0.01	0.10
C202651		39.3	5.02	1.11	0.08	0.07	0.15	0.044	0.08	16.0	14.5	3.96	1950	0.65	0.01	0.11
C202652		38.4	4.84	1.07	0.06	0.06	0.34	0.033	0.06	11.3	9.6	5.51	1270	0.81	0.01	0.22
C202653		30.0	7.27	1.55	0.08	0.04	0.38	0.042	0.05	13.6	8.4	0.35	2250	1.28	<0.01	0.13
C202654		21.8	3.96	1.10	0.06	0.05	0.25	0.049	0.05	12.9	9.0	4.93	2310	0.56	0.01	0.11
C202655		28.8	6.59	0.63	0.06	0.05	0.56	0.034	0.03	7.7	4.3	5.80	1415	0.66	0.01	0.14
C202656		38.0	7.25	1.68	0.08	0.05	0.81	0.070	0.05	15.0	7.4	1.21	2750	0.86	0.01	0.14
C202657		30.1	5.94	0.99	0.06	0.06	0.87	0.041	0.04	10.7	5.6	4.75	1820	0.64	0.01	0.16
C202658		38.9	6.81	1.33	0.07	0.07	0.57	0.056	0.04	11.9	5.6	2.46	2450	0.80	0.01	0.17
C202659		49.6	8.14	1.21	0.07	0.08	0.74	0.060	0.04	11.7	5.0	1.80	2300	1.05	0.01	0.19

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C202620		21.6	490	6.1	5.2	<0.001	0.01	0.49	1.6	<0.2	0.4	3.5	0.02	0.10	20.6	0.011
C202621		7.5	650	2.9	8.3	<0.001	0.04	0.19	0.6	0.2	0.2	1.5	<0.01	0.04	4.0	<0.005
C202622		8.4	600	4.0	7.0	<0.001	0.07	0.26	0.7	0.3	<0.2	3.6	<0.01	0.16	11.2	<0.005
C202623		5.3	490	4.1	13.1	<0.001	0.04	0.32	0.6	0.2	0.3	4.1	<0.01	0.05	2.2	0.006
C202624		9.4	330	4.0	8.2	<0.001	0.03	0.30	0.7	0.3	0.2	2.2	0.01	0.08	9.6	<0.005
C202625		27.2	610	26.7	5.8	<0.001	0.03	1.07	3.5	0.4	0.2	43.3	<0.01	0.05	3.8	<0.005
C202626		24.3	1160	13.5	8.6	<0.001	0.11	2.34	1.5	0.7	0.4	18.3	0.01	0.09	3.8	0.015
C202627		24.3	410	15.5	8.6	<0.001	0.03	1.11	2.3	0.3	0.7	8.7	0.02	0.08	8.5	0.036
C202628		28.7	460	37.9	14.7	<0.001	0.02	0.87	2.4	0.2	0.3	7.7	0.01	0.04	21.8	0.010
C202629		16.5	1010	36.9	16.5	0.001	0.19	9.17	2.2	1.3	0.4	26.3	0.01	0.22	17.5	0.007
C202630		15.5	1000	38.8	14.9	0.001	0.18	8.25	2.0	1.2	0.4	25.9	<0.01	0.21	15.6	0.007
C202631		38.6	1080	36.1	12.9	0.001	0.34	6.64	2.2	1.4	0.3	18.8	0.05	0.15	29.1	0.005
C202632		123.0	1070	234.0	22.1	0.001	0.17	6.90	7.2	2.7	0.4	19.7	0.02	0.66	19.2	0.031
C202633		32.6	630	20.5	13.4	<0.001	0.04	0.99	2.6	0.2	0.5	10.1	0.01	0.05	6.2	0.030
C202634		23.7	1360	90.2	19.9	<0.001	0.12	1.36	1.7	0.7	0.4	12.1	0.01	0.19	1.4	0.022
C202635		25.3	600	47.3	7.7	<0.001	0.12	1.35	4.7	0.8	<0.2	22.6	0.02	0.09	6.8	<0.005
C202636		11.2	650	11.4	16.0	<0.001	0.06	0.84	0.7	0.4	0.5	3.4	<0.01	0.05	1.0	0.014
C202637		35.0	590	55.0	8.9	<0.001	0.02	0.96	2.7	0.3	0.2	8.2	0.01	0.04	11.9	0.009
C202638		72.3	1010	81.9	3.5	0.001	0.08	10.45	4.5	1.6	<0.2	13.5	0.01	0.12	3.4	<0.005
C202639		62.0	1070	57.9	2.5	0.001	0.15	10.15	3.8	1.6	<0.2	19.0	0.04	0.11	2.5	<0.005
C202640		24.1	1550	24.2	10.5	0.001	0.13	2.01	7.6	2.4	0.3	22.0	0.01	0.19	2.2	0.008
C202641		28.9	1190	26.0	11.0	0.001	0.08	1.81	7.4	0.9	0.3	9.3	0.03	0.10	2.0	0.014
C202642		30.8	1060	31.3	10.3	<0.001	0.10	2.20	4.7	1.2	0.3	11.2	0.01	0.10	1.1	0.011
C202643		42.5	890	86.7	8.7	<0.001	0.08	3.74	7.3	0.8	0.3	16.1	0.01	0.09	2.9	0.015
C202644		44.6	1000	61.3	2.8	<0.001	0.14	5.12	3.8	1.3	<0.2	18.0	0.01	0.12	1.0	<0.005
C202645		19.0	320	17.1	1.6	<0.001	0.09	2.05	2.3	0.2	<0.2	20.6	<0.01	0.10	1.6	<0.005
C202646		23.6	330	32.1	2.4	<0.001	0.06	2.90	3.0	0.4	<0.2	19.2	0.02	0.05	1.5	<0.005
C202647		25.7	620	43.0	5.1	0.001	0.10	2.96	3.6	0.8	0.2	6.6	<0.01	0.04	0.8	0.009
C202648		31.8	520	88.9	5.2	<0.001	0.12	6.74	4.1	0.7	0.2	14.2	0.01	0.02	1.4	0.007
C202649		27.4	480	61.4	5.2	<0.001	0.08	3.77	4.5	0.8	<0.2	11.9	<0.01	0.02	1.7	0.005
C202650		29.8	520	66.4	5.5	<0.001	0.08	3.83	4.2	0.7	<0.2	10.2	<0.01	0.03	1.6	0.006
C202651		30.3	500	77.3	6.2	<0.001	0.09	3.76	4.3	0.7	<0.2	9.9	<0.01	0.03	1.8	0.007
C202652		30.3	400	87.2	4.6	<0.001	0.09	5.22	3.4	0.5	<0.2	16.7	<0.01	0.03	2.5	0.011
C202653		37.1	540	128.0	5.4	<0.001	0.08	6.25	2.7	0.8	0.2	4.0	<0.01	0.03	0.9	0.009
C202654		18.9	470	62.9	4.6	<0.001	0.10	3.14	2.6	0.7	<0.2	13.7	<0.01	0.03	1.0	0.007
C202655		58.8	230	104.5	1.9	<0.001	0.21	10.25	2.4	0.4	<0.2	16.3	<0.01	0.02	1.5	0.006
C202656		35.6	640	139.0	5.2	<0.001	0.10	6.97	2.6	0.8	0.2	6.7	<0.01	0.03	0.8	0.009
C202657		30.9	380	110.5	3.7	<0.001	0.10	6.68	3.0	0.6	<0.2	13.7	<0.01	0.03	1.6	0.008
C202658		34.9	510	109.0	4.3	<0.001	0.09	7.05	3.0	0.6	0.2	9.6	<0.01	0.03	1.2	0.010
C202659		39.4	490	147.0	3.5	<0.001	0.11	11.45	2.5	0.6	0.2	7.7	<0.01	0.03	1.2	0.010

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 8-OCT-2006
Account: EIA

Project: Werneckles

CERTIFICATE OF ANALYSIS VA06089263

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C202620		<0.02	4.45	18	0.50	8.75	18	1.5
C202621		<0.02	1.32	7	0.06	1.57	7	<0.5
C202622		<0.02	2.62	5	0.09	2.59	9	<0.5
C202623		0.03	0.90	17	0.11	1.44	12	<0.5
C202624		0.02	1.42	11	0.06	1.57	9	<0.5
C202625		0.06	0.89	23	0.06	10.10	142	1.7
C202626		0.06	2.24	28	0.28	8.59	139	<0.5
C202627		0.07	2.02	53	0.31	8.40	190	0.6
C202628		0.08	3.07	19	0.08	15.35	408	0.7
C202629		0.07	3.05	20	0.19	9.92	103	<0.5
C202630		0.06	2.83	20	0.20	8.74	99	<0.5
C202631		0.09	5.96	13	0.13	30.60	246	<0.5
C202632		0.55	7.94	44	0.19	78.60	428	2.5
C202633		0.07	1.62	40	0.19	10.60	295	<0.5
C202634		0.23	2.74	23	0.11	24.00	152	<0.5
C202635		0.05	1.86	9	0.09	45.30	189	3.9
C202636		0.08	1.01	35	0.11	4.15	35	<0.5
C202637		<0.02	1.32	14	0.06	15.45	198	0.9
C202638		7.44	1.77	30	0.09	18.70	34	2.4
C202639		6.26	1.52	23	0.08	16.00	33	2.1
C202640		0.32	20.30	20	0.45	27.60	41	2.2
C202641		0.34	3.47	30	0.34	37.10	60	1.3
C202642		0.74	2.77	26	0.21	26.60	99	0.9
C202643		0.56	2.00	24	0.33	26.70	251	1.8
C202644		4.96	0.80	17	0.08	24.70	43	1.2
C202645		1.13	0.83	9	<0.05	12.65	19	1.1
C202646		0.16	0.79	9	<0.05	13.75	23	0.9
C202647		0.17	0.67	21	0.09	22.00	78	0.9
C202648		0.31	0.95	15	0.07	19.50	101	1.1
C202649		0.11	0.61	13	0.06	19.10	79	1.1
C202650		0.12	0.63	14	0.05	19.45	87	1.1
C202651		0.10	0.74	15	0.05	20.00	99	1.0
C202652		0.12	0.70	15	0.07	12.30	167	1.3
C202653		0.27	0.85	17	0.07	16.35	173	0.5
C202654		0.24	0.32	14	0.06	17.30	172	0.9
C202655		0.26	0.29	10	0.05	10.70	124	1.0
C202656		0.53	0.46	18	0.09	20.70	302	0.7
C202657		0.41	0.33	13	0.07	13.95	254	1.0
C202658		0.42	0.40	16	0.08	15.60	244	1.0
C202659		0.58	0.43	15	0.09	14.70	422	1.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06089263

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C202660		0.54	<0.005	2.55	0.17	96	10	50	0.55	0.41	13.35	0.81	13.05	8.3	2	0.14
C202661		0.74	<0.005	1.63	0.16	112	10	50	0.21	1.34	14.35	0.59	10.60	6.7	1	0.18
C202662		0.48	0.010	0.86	1.06	62.7	<10	310	0.63	2.85	0.93	0.43	38.20	27.0	18	1.01
C202663		0.44	<0.005	2.58	0.52	81.2	<10	130	0.53	0.71	8.88	0.32	21.20	14.9	13	0.53
C202664		0.52	<0.005	2.02	0.42	70	<10	120	0.88	0.44	12.25	0.25	19.00	10.4	10	0.49
C202665		0.34	<0.005	1.96	0.19	92	10	60	0.40	1.04	13.30	0.12	13.25	12.7	3	0.31
C202666		0.38	0.015	1.50	0.64	67.5	<10	210	0.58	1.38	3.16	0.61	31.40	22.7	18	0.78
C202667		0.54	0.007	0.89	0.50	59.6	10	390	0.46	0.64	9.75	0.39	26.00	12.7	12	1.11
C202668		0.44	0.006	1.35	0.30	65.7	<10	90	0.36	2.77	7.84	0.33	24.70	17.5	4	1.02
C202669		0.48	<0.005	1.11	0.30	43	<10	50	0.35	0.38	12.70	0.25	17.05	8.4	11	0.43
C202670		Not Recvd														
C202671		0.64	<0.005	1.10	0.65	38.3	10	60	0.35	0.30	7.92	0.47	25.10	15.6	55	0.86
C202672		0.44	<0.005	1.12	0.68	34.0	10	90	0.57	0.30	6.96	0.67	29.70	13.5	26	0.64
C202673		0.60	<0.005	2.41	0.16	101	10	30	0.84	0.17	11.45	0.91	15.10	9.3	9	0.29
C202674		0.58	0.005	1.63	0.25	63.2	10	50	0.39	0.26	9.46	0.52	19.10	9.3	5	0.34
C202675		0.56	<0.005	1.17	0.29	66	10	30	0.36	0.28	10.25	1.12	16.65	7.9	20	0.37
C202676		0.36	0.006	1.95	0.51	48.8	10	70	0.75	0.44	6.27	0.98	25.00	15.5	26	0.70
C202677		0.38	<0.005	1.85	0.70	36.1	10	80	0.62	0.40	5.72	0.97	25.60	15.8	46	0.86
C202678		0.48	<0.005	4.75	0.16	78	<10	20	0.78	0.27	11.45	6.42	13.75	8.1	3	0.39
C202679		0.56	<0.005	1.58	0.30	34	10	40	0.32	0.26	10.10	1.69	15.65	10.1	5	0.38
C202680		0.62	<0.005	0.98	0.16	27	10	30	0.31	0.30	16.35	1.43	13.70	6.8	2	0.31
C202681		0.40	0.005	0.11	1.23	9.0	<10	60	0.32	0.34	0.14	0.22	45.00	11.0	17	1.32
C202682		0.56	<0.005	0.04	1.02	10.5	<10	30	0.15	0.51	0.03	0.06	61.50	8.2	13	1.66
C202683		0.52	<0.005	0.18	1.08	10.5	<10	70	0.59	0.39	0.08	0.21	30.90	10.6	16	4.53
C202684		0.48	0.005	0.07	1.32	11.7	<10	50	0.24	0.49	0.05	0.11	31.70	7.3	20	2.19
C202685		0.58	<0.005	0.04	1.34	13.0	<10	60	0.59	0.42	0.07	0.14	35.20	13.7	18	1.14
C202686		0.50	<0.005	0.04	1.07	14.8	<10	50	0.51	0.40	0.10	0.15	38.30	13.1	17	0.77
C202687		0.50	<0.005	0.04	1.36	11.0	<10	50	0.28	0.45	0.05	0.10	30.30	6.6	19	1.74
C202688		0.54	<0.005	0.02	1.07	14.2	<10	30	0.30	0.48	0.04	0.10	47.00	8.2	18	1.38
C202689		0.50	<0.005	0.11	1.79	20.6	<10	80	0.54	0.59	0.05	0.26	36.50	12.0	26	1.85
C202690		0.44	<0.005	0.11	1.72	19.6	<10	70	0.52	0.58	0.05	0.23	33.70	10.7	23	1.70
C202691		0.42	<0.005	0.14	1.19	17.7	<10	270	0.94	0.58	0.54	0.30	35.80	17.1	18	0.87
C202692		0.50	<0.005	0.10	1.27	12.4	<10	50	0.92	0.44	0.05	0.12	24.50	12.8	13	1.66
C202693		0.52	<0.005	0.37	0.50	21.5	<10	130	2.47	0.72	0.40	0.23	22.40	26.7	4	4.16
C202694		0.62	0.005	0.09	1.01	18.4	<10	150	2.18	0.75	0.18	0.14	32.70	28.7	11	6.40
C202695		0.30	0.010	0.37	1.09	32.5	<10	560	1.36	0.57	1.31	0.23	37.70	18.7	10	1.67
C202696		0.28	<0.005	0.11	0.73	14.4	<10	110	0.40	0.93	0.19	0.25	54.40	14.1	10	2.95
C202697		0.56	<0.005	0.11	1.15	13.4	<10	180	0.63	0.75	0.55	0.30	68.80	19.4	16	3.94
C202698		0.48	<0.005	0.09	1.62	16.2	<10	90	1.10	0.88	0.56	0.18	160.50	27.4	21	4.83
C202699		0.64	<0.005	0.13	1.32	14.3	<10	130	1.62	1.08	0.71	0.37	195.00	29.8	22	7.98

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C202660		32.4	5.77	0.49	0.06	0.02	0.63	0.039	0.02	6.8	5.5	7.72	1335	0.72	0.01	0.13
C202661		27.3	5.25	0.39	0.06	0.03	0.78	0.038	0.03	5.3	3.8	8.28	1390	0.69	0.02	0.07
C202662		156.0	6.08	3.11	0.06	0.10	0.25	0.124	0.10	20.4	10.5	0.67	1845	4.40	0.01	0.44
C202663		62.4	7.73	1.31	0.07	0.09	0.67	0.080	0.06	10.9	6.4	5.21	2570	2.62	0.01	0.18
C202664		43.1	6.97	1.21	0.08	0.05	0.42	0.092	0.05	9.9	9.9	7.12	2410	1.68	0.02	0.18
C202665		49.7	6.74	0.45	0.05	0.06	0.54	0.091	0.03	6.8	3.2	7.29	2560	1.82	0.02	0.06
C202666		141.0	6.66	1.87	0.07	0.07	0.49	0.095	0.07	16.1	6.4	1.81	2230	4.77	0.01	0.20
C202667		57.8	4.31	1.73	0.07	0.10	0.45	0.054	0.09	13.4	7.4	5.79	1205	3.30	0.01	0.27
C202668		65.8	6.46	0.86	0.06	0.08	0.51	0.117	0.06	12.7	4.3	4.45	2380	4.24	0.01	0.10
C202669		25.0	4.77	0.79	0.05	0.05	0.43	0.043	0.04	8.1	5.4	7.34	1560	2.13	0.01	0.12
C202670																
C202671		44.8	4.44	1.91	0.08	0.07	0.35	0.033	0.07	12.7	8.8	4.94	1055	3.08	0.01	0.30
C202672		35.5	4.39	2.05	0.06	0.07	0.36	0.044	0.09	15.2	12.2	4.15	1830	3.39	0.01	0.28
C202673		22.0	6.21	0.60	0.08	0.03	0.74	0.030	0.04	7.9	10.6	6.48	1260	6.07	0.02	0.11
C202674		19.8	5.12	0.67	0.06	0.06	0.32	0.033	0.05	9.6	6.2	5.41	1480	6.71	0.01	0.09
C202675		22.7	4.01	0.74	0.05	0.05	0.36	0.032	0.03	8.3	4.7	6.18	992	3.04	0.01	0.12
C202676		39.7	4.92	1.53	0.07	0.11	0.35	0.074	0.05	13.8	6.7	3.68	1260	6.30	0.01	0.21
C202677		45.8	4.56	2.01	0.06	0.07	0.30	0.073	0.07	13.2	8.2	3.49	1495	3.62	0.01	0.20
C202678		25.5	5.42	0.57	0.08	0.02	1.18	0.065	0.03	7.0	5.5	6.81	946	6.01	0.01	0.11
C202679		23.3	3.16	0.74	0.05	0.05	0.31	0.052	0.03	8.0	3.8	5.92	884	3.85	0.01	0.12
C202680		24.7	2.92	0.47	<0.05	0.04	0.19	0.039	0.03	7.4	3.9	9.44	964	3.01	0.02	0.09
C202681		22.2	3.14	4.43	0.05	0.03	0.07	0.021	0.05	22.4	12.0	0.41	251	1.45	<0.01	1.12
C202682		22.5	3.96	7.43	0.06	<0.02	0.04	0.024	0.05	30.3	8.0	0.13	353	1.82	<0.01	1.47
C202683		21.7	3.55	4.97	<0.05	0.02	0.09	0.032	0.07	14.8	11.4	0.21	632	1.45	<0.01	0.86
C202684		18.1	4.49	9.09	<0.05	<0.02	0.05	0.029	0.06	16.0	10.3	0.20	368	2.20	<0.01	1.78
C202685		26.4	3.08	3.89	<0.05	<0.02	0.02	0.027	0.04	17.3	15.4	0.52	431	1.89	<0.01	0.60
C202686		31.4	2.91	3.37	0.05	0.02	0.03	0.027	0.04	19.0	13.9	0.46	388	1.68	<0.01	0.63
C202687		17.9	3.17	6.94	<0.05	<0.02	0.03	0.027	0.06	15.1	10.1	0.20	352	2.01	<0.01	0.94
C202688		24.5	4.03	6.18	0.06	<0.02	0.06	0.026	0.04	22.6	9.7	0.22	305	1.68	<0.01	1.40
C202689		36.4	4.11	5.67	0.05	<0.02	0.05	0.042	0.09	16.5	15.8	0.37	567	2.01	<0.01	0.98
C202690		34.5	3.92	5.52	0.05	<0.02	0.05	0.039	0.08	15.5	14.2	0.30	512	1.98	<0.01	0.99
C202691		45.6	4.79	3.30	0.06	0.09	0.05	0.090	0.07	18.2	10.5	0.47	2130	2.87	0.01	0.26
C202692		27.4	4.16	2.91	0.05	0.03	0.08	0.048	0.05	10.0	8.3	0.09	291	1.55	<0.01	0.69
C202693		74.8	6.31	1.57	0.07	0.13	0.09	0.176	0.08	10.5	3.9	0.12	2590	1.83	<0.01	0.08
C202694		71.5	4.94	3.00	0.06	0.05	0.04	0.078	0.07	13.9	15.7	0.23	1370	2.62	<0.01	0.23
C202695		244.0	4.62	3.15	0.08	0.09	0.17	0.123	0.08	19.6	15.2	0.64	1410	5.71	0.01	0.14
C202696		55.1	2.50	4.09	0.06	<0.02	0.07	0.025	0.06	26.9	5.6	0.18	1210	2.08	<0.01	0.57
C202697		47.2	3.13	5.50	0.07	<0.02	0.04	0.027	0.09	38.6	16.1	0.43	1470	1.09	0.01	0.88
C202698		70.3	3.90	5.96	0.11	0.04	0.03	0.040	0.13	52.6	33.8	0.76	1680	1.54	0.01	1.10
C202699		133.0	3.59	5.43	0.20	0.07	0.02	0.029	0.32	101.0	23.7	0.89	1640	1.53	<0.01	0.62

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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VANCOUVER BC V6C 1G8

Finalized Date: 8-OCT-2006
Account: EIA

Project: Werneckles

CERTIFICATE OF ANALYSIS VA06089263

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C202660		23.0	150	221.0	1.5	<0.001	0.10	11.85	2.0	0.2	<0.2	23.6	<0.01	0.01	1.0	<0.005
C202661		24.2	130	71.6	1.9	<0.001	0.14	8.16	1.4	0.3	<0.2	22.3	<0.01	0.02	1.2	<0.005
C202662		32.5	620	77.1	11.3	<0.001	0.07	4.23	4.8	0.8	0.3	9.0	<0.01	0.09	2.9	0.021
C202663		44.2	470	190.5	5.2	<0.001	0.10	11.50	3.0	0.7	0.2	14.0	<0.01	0.04	2.4	0.009
C202664		36.4	340	144.0	4.7	<0.001	0.11	11.60	3.4	0.4	<0.2	19.6	<0.01	0.02	1.7	0.008
C202665		29.2	430	132.5	2.6	<0.001	0.12	10.20	1.7	0.7	<0.2	18.4	<0.01	0.03	1.2	<0.005
C202666		37.9	750	100.5	7.1	0.001	0.10	6.60	3.2	0.9	0.3	9.1	<0.01	0.06	1.5	0.013
C202667		28.3	450	81.7	7.5	0.001	0.10	5.21	3.4	0.7	0.3	25.4	<0.01	0.03	4.6	0.016
C202668		44.8	480	96.2	4.9	<0.001	0.11	8.00	2.9	0.7	<0.2	16.8	<0.01	0.04	3.2	<0.005
C202669		21.5	240	80.7	3.8	<0.001	0.23	4.45	2.1	0.7	<0.2	17.4	<0.01	0.03	1.8	0.007
C202670																
C202671		50.6	420	112.5	6.3	<0.001	0.06	4.25	2.9	0.6	0.2	18.7	<0.01	0.03	3.2	0.026
C202672		36.6	500	104.5	8.1	<0.001	0.09	3.81	3.1	0.9	0.2	16.1	<0.01	0.04	2.1	0.014
C202673		24.8	200	216.0	2.7	<0.001	0.31	10.80	2.7	0.7	<0.2	19.0	<0.01	0.03	1.6	<0.005
C202674		21.4	380	164.5	4.0	0.001	0.24	5.38	2.1	0.8	<0.2	16.3	<0.01	0.04	1.4	0.005
C202675		22.2	230	226.0	2.8	0.001	0.12	3.47	1.9	0.6	<0.2	14.6	0.01	0.04	1.5	0.008
C202676		37.5	440	276.0	5.8	0.001	0.10	5.18	2.8	1.1	0.2	13.6	0.02	0.09	1.9	0.010
C202677		45.9	570	302.0	7.1	<0.001	0.13	4.44	2.5	0.9	0.2	12.0	<0.01	0.05	1.4	0.014
C202678		16.6	180	1560.0	2.2	<0.001	0.43	10.15	2.4	0.9	0.2	20.0	<0.01	0.03	1.1	<0.005
C202679		17.2	290	228.0	2.9	<0.001	0.12	4.09	1.5	0.5	<0.2	16.6	<0.01	0.04	1.1	0.005
C202680		9.6	180	174.5	2.4	<0.001	0.21	3.34	1.2	0.7	<0.2	27.2	<0.01	0.05	1.1	<0.005
C202681		19.8	380	18.2	8.5	<0.001	0.03	0.80	1.5	0.2	0.3	7.4	<0.01	0.05	9.7	0.037
C202682		11.8	390	10.2	10.7	<0.001	0.02	0.79	1.5	<0.2	0.6	4.7	<0.01	0.06	8.3	0.038
C202683		15.3	550	21.6	12.7	<0.001	0.04	0.73	1.8	0.5	0.6	8.4	<0.01	0.05	3.6	0.028
C202684		12.7	480	14.5	11.6	<0.001	0.03	0.90	2.0	<0.2	0.9	6.5	<0.01	0.07	2.7	0.058
C202685		24.5	620	9.1	7.0	<0.001	0.03	1.18	1.9	<0.2	0.3	6.3	<0.01	0.05	3.9	0.027
C202686		24.0	600	8.1	5.7	<0.001	0.02	0.99	2.0	<0.2	0.3	8.0	<0.01	0.04	5.5	0.028
C202687		13.4	470	14.1	11.2	<0.001	0.03	0.77	1.5	<0.2	0.8	7.0	<0.01	0.05	0.6	0.026
C202688		15.4	380	10.8	9.7	<0.001	0.01	1.04	2.0	<0.2	0.6	5.3	<0.01	0.06	6.6	0.042
C202689		24.5	690	16.5	15.4	<0.001	0.05	1.57	2.2	<0.2	0.6	7.9	<0.01	0.06	1.7	0.027
C202690		21.0	680	14.9	13.6	<0.001	0.04	1.41	1.8	<0.2	0.6	6.8	<0.01	0.06	1.4	0.023
C202691		35.6	1150	27.7	12.2	<0.001	0.07	1.09	3.8	0.4	0.3	9.0	<0.01	0.08	2.8	0.010
C202692		16.2	480	20.1	10.3	<0.001	0.03	0.65	2.8	<0.2	0.4	4.8	0.01	0.05	3.5	0.013
C202693		34.3	700	50.7	7.3	<0.001	0.08	1.23	5.9	0.9	0.3	15.0	0.01	0.07	3.8	<0.005
C202694		32.6	650	32.1	10.9	<0.001	0.05	0.89	3.5	0.2	0.4	8.8	<0.01	0.11	3.2	0.005
C202695		45.7	1110	40.7	8.4	<0.001	0.13	1.26	4.9	1.7	0.4	20.3	0.01	0.16	1.1	<0.005
C202696		12.0	580	21.9	19.4	<0.001	0.05	0.68	2.0	<0.2	0.4	7.0	<0.01	0.06	1.5	0.022
C202697		18.5	700	23.3	31.3	<0.001	0.05	0.58	2.0	0.2	0.5	12.9	<0.01	0.05	1.5	0.036
C202698		29.7	570	21.4	37.1	<0.001	0.03	0.60	3.2	<0.2	0.4	9.8	0.01	0.05	9.9	0.051
C202699		35.2	740	42.2	68.0	<0.001	0.06	0.82	5.0	0.5	0.4	14.8	0.01	0.05	12.6	0.047

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 8-OCT-2006
Account: EIA

Project: Werneckles

CERTIFICATE OF ANALYSIS VA06089263

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
C202660		0.39	0.34	7	0.05	10.85	424	0.7
C202661		0.62	0.34	5	<0.05	8.39	595	0.9
C202662		0.51	1.98	35	0.21	20.80	229	1.6
C202663		1.54	1.22	18	0.09	15.50	162	1.8
C202664		1.10	0.91	16	0.08	15.30	110	1.2
C202665		0.91	1.03	11	0.05	13.30	63	1.4
C202666		0.44	1.91	25	0.18	19.70	394	1.2
C202667		0.49	1.59	17	0.70	11.05	307	3.3
C202668		0.86	1.59	10	0.12	14.35	271	1.7
C202669		0.45	0.95	13	0.07	12.50	151	1.0
C202670								
C202671		0.46	1.36	24	0.10	12.80	299	1.7
C202672		0.49	1.25	23	0.10	17.10	331	1.4
C202673		1.25	2.69	16	<0.05	10.70	569	1.2
C202674		0.92	1.86	16	<0.05	13.95	341	1.4
C202675		0.77	1.15	14	0.06	10.95	1380	1.0
C202676		0.82	1.80	23	0.08	14.95	663	1.3
C202677		0.64	1.30	24	0.07	14.70	763	1.3
C202678		1.14	2.80	9	<0.05	10.70	5300	0.6
C202679		0.70	1.38	11	0.05	9.96	1200	1.1
C202680		0.52	1.13	8	<0.05	10.60	1530	0.9
C202681		0.11	1.49	34	0.16	3.84	60	0.7
C202682		0.13	1.48	57	0.24	3.93	49	<0.5
C202683		0.14	1.07	41	0.18	3.45	62	<0.5
C202684		0.17	0.86	80	0.24	2.70	60	0.5
C202685		0.08	1.89	34	0.14	4.15	50	0.5
C202686		0.07	1.75	31	0.16	4.65	47	0.6
C202687		0.17	0.92	60	0.21	2.78	52	<0.5
C202688		0.10	1.18	51	0.23	3.15	38	0.6
C202689		0.15	1.49	49	0.20	3.37	70	<0.5
C202690		0.14	1.56	49	0.19	3.21	61	<0.5
C202691		0.13	2.42	38	0.09	18.05	98	1.9
C202692		0.07	0.73	24	0.09	4.50	37	0.9
C202693		0.14	1.47	11	0.05	29.90	88	2.5
C202694		0.13	1.06	24	0.06	7.64	53	1.1
C202695		0.14	2.67	37	0.09	28.60	94	1.5
C202696		0.22	1.23	28	0.09	5.90	46	<0.5
C202697		0.25	1.29	30	0.09	9.92	90	<0.5
C202698		0.34	2.47	26	0.13	18.75	81	<0.5
C202699		0.45	3.09	27	0.14	39.90	254	0.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06089263

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C202700		0.46	<0.005	0.12	1.30	9.0	<10	160	1.05	0.77	0.68	0.14	219.00	26.9	18	6.89
C202551		0.52	<0.005	0.15	0.18	7.4	<10	50	0.85	0.79	0.53	0.23	139.50	24.5	14	6.81
C202552		0.60	<0.005	0.12	1.41	3.8	<10	140	1.01	0.59	1.56	0.20	168.00	20.5	19	7.83
C202553		0.56	<0.005	0.06	1.13	4.6	<10	130	0.85	0.61	0.50	0.16	171.00	21.2	18	5.48
C202554		0.56	<0.005	0.11	1.25	8.1	<10	290	0.85	0.67	0.81	0.32	189.00	26.6	18	6.41
C202555		0.56	<0.005	0.09	1.37	6.9	<10	260	0.85	0.61	0.89	0.16	175.00	25.3	20	7.17
C202556		0.62	<0.005	0.06	1.06	2.2	<10	750	0.96	0.25	1.51	0.10	196.50	15.8	18	5.28
C202557		0.44	0.006	0.16	1.20	25.9	<10	140	0.86	0.94	1.05	0.27	129.00	31.8	16	5.60
C202558		0.44	0.009	0.10	0.99	6.2	<10	90	0.80	0.59	2.30	0.26	91.00	18.9	14	4.58
C202559		0.46	0.008	0.42	0.87	75.5	<10	90	0.87	1.71	2.21	0.70	97.30	54.0	10	4.38
C202560		0.58	<0.005	0.05	1.51	9.0	<10	50	1.18	0.63	0.80	0.33	115.00	25.2	22	5.81
C202561		0.68	0.005	0.21	1.98	18.2	<10	80	1.81	6.87	2.71	0.21	150.00	38.7	23	7.41
C202562		0.38	<0.005	0.11	0.80	25.9	<10	50	0.54	1.17	2.19	0.25	60.20	22.4	11	3.61
C202563		0.42	0.008	0.12	0.45	53.2	<10	50	0.39	1.60	2.17	0.30	46.50	24.6	5	2.14
C202564		0.68	0.006	0.99	1.60	143.5	<10	80	1.52	6.54	0.10	0.50	39.30	44.5	20	1.81
C202565		0.64	0.006	0.26	1.60	39.6	<10	70	1.02	4.26	0.07	0.30	30.50	44.5	22	2.54
C202566		0.70	0.021	0.86	1.41	110.0	<10	90	1.93	3.55	0.13	0.61	46.20	107.5	16	2.33
C202567		0.66	<0.005	0.44	1.15	32.7	<10	60	1.21	3.48	0.07	0.20	55.50	41.7	14	1.60
C202568		0.62	<0.005	0.16	1.39	16.0	<10	40	1.52	1.44	0.11	0.08	50.20	20.3	16	2.10
C202569		0.74	<0.005	0.34	1.96	70.0	<10	110	3.54	4.67	0.20	0.22	51.90	50.2	19	5.19
C202570		0.76	<0.005	0.35	1.95	62.5	<10	100	2.85	4.39	0.22	0.22	60.50	48.4	18	5.48
C202571		0.72	0.025	0.15	1.23	26.4	<10	120	0.60	1.55	0.34	0.10	41.20	35.3	20	4.50
C202572		0.80	0.104	0.10	1.33	47.9	<10	130	0.37	1.39	0.70	0.06	32.70	75.3	18	2.69
C202573		0.74	0.042	0.29	1.50	152.5	<10	80	0.66	1.92	1.31	0.14	39.40	147.5	16	3.44
C202574		0.62	0.051	0.47	1.41	99.8	<10	80	0.61	5.47	0.38	0.15	40.30	64.3	21	2.47
C202575		0.74	0.048	0.19	1.22	67.5	<10	60	0.58	2.92	0.20	0.09	41.00	77.0	17	2.33
C202576		0.58	0.024	0.09	0.72	8.4	<10	80	0.25	0.58	0.57	0.15	25.80	37.6	10	0.93
C202577		0.58	0.016	0.10	1.98	93.6	<10	120	0.90	3.56	0.17	0.18	38.40	30.8	24	2.44
C202578		0.62	0.013	0.31	1.36	88.7	<10	110	0.79	2.59	0.20	0.28	49.70	44.7	18	1.64
C202579		0.60	<0.005	0.07	1.92	28.3	<10	160	0.70	0.78	0.22	0.12	37.10	12.9	26	2.13
C202580		0.56	0.006	0.09	0.99	26.8	<10	110	0.39	1.03	0.16	0.15	40.00	13.4	16	1.74
C202581		0.52	0.005	0.07	1.51	31.9	<10	140	0.58	1.43	0.10	0.16	40.70	16.3	20	1.58
C202582		0.44	0.012	0.06	1.55	15.2	<10	90	0.38	0.59	0.08	0.07	36.40	7.3	20	1.38
C202583		0.56	0.007	0.06	0.96	21.6	<10	60	0.33	1.04	0.04	0.11	39.80	11.2	14	0.89
C202584		0.58	0.020	0.10	0.71	17.5	<10	70	0.28	1.00	0.14	0.11	38.20	10.0	11	0.82
C202585		0.46	0.011	0.10	0.96	22.3	<10	70	0.40	1.02	0.07	0.06	45.30	13.1	14	0.96
C202586		0.52	0.005	0.11	1.08	21.5	<10	70	0.40	1.15	0.05	0.12	47.40	12.2	14	0.88

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 8-OCT-2006
Account: EIA

Project: Werneckles

CERTIFICATE OF ANALYSIS VA06089263

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C202700		34.8	3.78	4.63	0.17	0.07	0.03	0.033	0.35	98.3	22.6	0.67	2800	1.23	<0.01	0.68
C202551		32.8	1.22	4.89	0.14	0.06	0.02	0.027	0.20	83.1	26.5	0.39	247	0.80	<0.01	0.79
C202552		34.3	3.25	4.84	0.16	0.06	0.03	0.029	0.44	86.7	26.4	0.88	1320	0.70	<0.01	0.85
C202553		25.5	3.53	3.97	0.11	0.05	0.03	0.033	0.17	64.2	25.8	0.63	1280	0.85	<0.01	0.63
C202554		50.3	3.46	4.41	0.17	0.06	0.03	0.034	0.28	97.1	25.2	0.90	2350	1.48	0.01	0.29
C202555		56.8	3.03	5.04	0.15	0.06	0.03	0.028	0.38	82.2	29.5	0.97	1360	1.11	0.01	0.80
C202556		25.2	3.26	3.48	0.15	0.06	0.02	0.018	0.30	104.0	15.3	0.64	1000	0.66	0.01	0.18
C202557		133.5	3.39	4.34	0.11	0.05	0.03	0.041	0.20	68.8	19.9	0.78	2400	1.38	0.01	0.89
C202558		66.4	2.11	3.43	0.09	0.03	0.03	0.020	0.15	47.6	19.3	0.62	1060	0.48	0.01	0.93
C202559		122.5	3.52	3.01	0.09	0.05	0.04	0.048	0.16	50.0	13.2	0.70	2570	1.94	0.01	0.99
C202560		40.3	3.27	5.29	0.08	0.03	0.04	0.027	0.22	42.9	29.8	0.92	1140	0.98	0.01	1.92
C202561		126.0	4.44	7.01	0.16	0.06	0.02	0.039	0.35	78.1	35.9	1.35	1530	1.51	0.01	1.58
C202562		69.0	2.69	2.61	0.07	0.03	0.05	0.028	0.10	30.4	10.9	0.47	1400	1.01	0.01	1.07
C202563		122.5	2.55	1.45	<0.05	0.03	0.03	0.029	0.09	24.3	5.0	0.28	2500	1.24	0.01	0.50
C202564		159.0	7.68	3.61	0.07	0.06	0.09	0.124	0.07	18.2	16.8	0.99	3730	2.63	0.01	0.18
C202565		117.0	5.50	5.58	<0.05	0.03	0.08	0.114	0.07	13.8	13.3	0.60	3210	2.86	0.01	0.43
C202566		632.0	9.13	3.51	0.09	0.09	0.10	0.194	0.07	21.8	15.2	0.73	5030	4.72	0.01	0.15
C202567		122.0	4.89	3.05	0.07	0.18	0.03	0.064	0.09	25.8	15.8	0.82	2500	2.43	<0.01	<0.05
C202568		48.3	3.22	3.44	0.06	0.11	0.03	0.045	0.09	23.8	18.9	1.00	1410	1.37	<0.01	<0.05
C202569		196.0	9.58	4.83	0.09	0.21	0.07	0.270	0.12	23.8	21.2	1.04	8960	2.79	<0.01	0.08
C202570		181.0	8.72	5.03	0.14	0.19	0.08	0.233	0.14	25.8	17.4	1.01	8440	2.74	0.01	0.09
C202571		166.5	12.05	4.03	0.16	0.12	0.08	0.171	0.13	19.0	7.1	0.64	9480	6.64	0.01	0.14
C202572		133.5	11.35	4.31	0.16	0.12	0.06	0.155	0.14	15.6	8.4	0.89	7680	11.55	0.01	0.24
C202573		628.0	10.50	4.64	0.18	0.17	0.08	0.191	0.12	18.3	9.9	1.27	7070	11.65	0.01	0.09
C202574		370.0	11.60	4.58	0.17	0.13	0.13	0.211	0.11	19.5	8.4	0.67	8910	14.65	0.01	0.17
C202575		204.0	8.51	4.18	0.15	0.07	0.10	0.138	0.10	20.0	9.1	0.54	6700	14.95	<0.01	0.22
C202576		50.3	10.15	2.67	0.14	0.12	0.16	0.122	0.12	12.0	5.7	0.38	11000	6.94	0.01	0.24
C202577		249.0	6.46	5.70	0.10	0.06	0.04	0.108	0.10	17.4	14.6	0.51	1740	4.71	0.01	0.64
C202578		353.0	8.42	4.16	0.14	0.10	0.08	0.140	0.13	22.3	10.0	0.56	5590	4.48	0.01	0.37
C202579		54.8	4.40	6.42	0.08	0.03	0.04	0.054	0.08	17.5	17.7	0.48	1270	1.78	0.01	0.69
C202580		67.3	4.78	5.56	0.09	<0.02	0.04	0.049	0.08	18.2	7.8	0.23	1870	2.89	0.01	0.54
C202581		82.0	4.41	5.00	0.08	0.02	0.03	0.049	0.08	18.1	13.1	0.33	1500	2.45	0.01	0.65
C202582		29.8	3.21	5.84	0.06	<0.02	0.04	0.034	0.06	17.1	13.1	0.26	356	1.61	0.01	1.23
C202583		55.3	5.47	4.21	0.08	0.02	0.02	0.064	0.06	18.5	7.8	0.14	1260	2.08	<0.01	0.59
C202584		47.5	3.71	3.44	0.07	<0.02	0.02	0.037	0.09	17.8	4.6	0.17	1100	2.19	0.01	0.45
C202585		79.7	4.49	3.60	0.08	0.02	0.03	0.046	0.12	21.2	7.0	0.25	1010	2.16	0.01	0.37
C202586		47.6	3.57	4.32	0.08	0.02	0.03	0.030	0.08	22.0	8.4	0.32	738	1.68	0.01	0.49

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C202700		30.9	670	24.4	70.1	<0.001	0.05	0.60	4.2	0.5	0.4	17.4	0.01	0.03	12.6	0.042
C202551		22.9	220	34.7	61.6	<0.001	<0.01	0.68	2.6	0.5	0.4	26.8	0.01	0.03	7.9	0.036
C202552		30.4	610	41.1	71.7	<0.001	0.04	0.47	3.4	0.4	0.4	25.3	0.01	0.02	11.2	0.058
C202553		27.4	580	41.9	43.2	<0.001	0.03	0.45	3.0	0.2	0.4	14.8	0.01	0.04	17.2	0.058
C202554		30.9	1020	46.8	50.9	<0.001	0.10	0.66	3.3	0.4	0.3	20.6	0.01	0.05	9.0	0.056
C202555		28.3	790	36.2	64.1	<0.001	0.10	0.61	3.0	0.5	0.4	23.0	0.01	0.04	10.8	0.075
C202556		29.7	720	26.7	37.6	<0.001	0.06	0.31	2.6	0.4	0.3	46.0	0.01	0.01	17.9	0.035
C202557		30.8	1000	36.0	51.8	<0.001	0.14	1.03	2.8	0.6	0.3	21.4	0.01	0.08	6.8	0.046
C202558		20.6	790	25.4	40.8	<0.001	0.12	0.53	1.8	0.6	0.2	32.2	0.01	0.03	4.7	0.043
C202559		42.7	1010	62.9	35.0	<0.001	0.27	3.43	2.2	0.7	0.2	29.2	0.01	0.12	5.8	0.031
C202560		27.2	590	30.6	41.8	<0.001	0.10	0.70	2.3	0.3	0.4	14.3	0.01	0.04	6.3	0.085
C202561		45.2	790	37.3	54.7	<0.001	0.16	1.18	3.6	0.6	0.5	34.3	0.01	0.06	15.3	0.079
C202562		31.0	910	24.6	25.9	<0.001	0.22	1.12	1.5	0.6	0.2	24.9	0.01	0.05	4.2	0.031
C202563		31.0	760	29.4	22.5	<0.001	0.13	1.45	1.2	0.6	<0.2	30.8	<0.01	0.04	4.0	0.012
C202564		48.2	690	66.2	8.8	<0.001	0.05	5.25	3.4	1.0	0.2	4.8	<0.01	0.15	8.3	0.008
C202565		37.3	930	77.2	14.6	<0.001	0.08	2.53	3.0	1.3	0.5	8.2	<0.01	0.14	2.3	0.026
C202566		117.0	480	39.9	7.6	<0.001	0.15	4.08	3.9	2.5	0.2	4.5	0.01	0.21	14.6	0.009
C202567		55.2	350	27.1	8.9	<0.001	0.02	2.43	3.0	0.9	<0.2	3.1	<0.01	0.09	13.7	0.005
C202568		30.6	280	15.3	9.6	<0.001	0.02	1.37	2.5	0.6	0.2	2.3	<0.01	0.04	11.3	<0.005
C202569		45.0	460	22.7	14.7	<0.001	0.02	2.16	8.3	0.9	0.3	7.3	0.01	0.07	18.2	0.005
C202570		44.8	450	20.9	18.3	<0.001	0.03	2.17	7.0	1.6	0.3	7.6	0.01	0.06	17.9	0.007
C202571		38.9	750	7.4	21.6	<0.001	0.08	1.13	7.1	1.1	0.2	6.9	0.01	0.15	11.2	0.009
C202572		52.2	970	5.2	20.7	0.001	0.22	1.06	7.5	1.5	0.3	7.9	0.01	0.44	13.2	0.011
C202573		62.7	820	16.4	18.4	<0.001	0.16	1.44	6.5	1.3	0.2	10.3	0.01	0.30	15.2	0.005
C202574		55.9	990	14.4	15.8	<0.001	0.09	1.58	8.0	1.5	0.3	7.1	0.01	0.31	14.1	0.010
C202575		59.9	910	9.7	16.0	<0.001	0.05	1.09	6.2	1.3	0.3	5.4	0.01	0.27	13.0	0.012
C202576		36.7	1340	6.9	17.5	0.001	0.12	0.52	14.7	1.9	0.2	8.9	0.01	0.23	13.8	0.014
C202577		52.3	670	24.4	21.2	<0.001	0.03	1.77	4.3	1.0	0.5	8.4	<0.01	0.13	4.3	0.019
C202578		56.2	680	25.5	16.1	<0.001	0.03	1.77	6.3	1.4	0.3	8.8	0.01	0.12	7.5	0.019
C202579		24.7	830	18.9	21.4	<0.001	0.02	0.72	2.9	0.7	0.6	11.4	<0.01	0.07	1.5	0.028
C202580		16.3	560	12.2	25.8	<0.001	0.03	0.79	1.9	0.5	0.6	7.1	<0.01	0.09	1.3	0.026
C202581		26.7	560	15.5	15.9	<0.001	0.02	0.93	2.6	0.7	0.5	7.6	<0.01	0.08	2.2	0.023
C202582		14.9	300	10.5	17.0	<0.001	<0.01	0.61	2.2	0.5	0.7	8.0	<0.01	0.04	2.7	0.033
C202583		12.5	310	8.0	14.7	<0.001	<0.01	0.71	1.7	0.4	0.4	2.9	0.01	0.07	5.1	0.014
C202584		12.1	390	7.3	22.1	<0.001	0.01	0.69	1.4	0.3	0.3	5.1	<0.01	0.07	3.4	0.015
C202585		17.1	400	5.5	21.0	<0.001	<0.01	0.75	1.8	0.4	0.3	3.6	<0.01	0.08	4.6	0.011
C202586		19.0	380	8.2	14.9	<0.001	<0.01	0.95	1.5	0.5	0.3	3.5	<0.01	0.05	5.5	0.014

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C202700		0.47	3.29	22	0.12	42.30	118	<0.5
C202551		0.55	2.29	14	0.12	36.10	120	0.5
C202552		0.60	1.90	20	0.11	39.50	149	<0.5
C202553		0.41	2.22	21	0.11	27.20	126	0.6
C202554		0.61	3.76	21	0.09	46.60	158	<0.5
C202555		0.64	3.02	22	0.08	39.50	104	0.5
C202556		0.36	2.43	17	0.07	39.00	113	0.5
C202557		0.56	3.00	18	0.08	33.70	121	0.5
C202558		0.38	3.43	14	0.07	25.80	121	<0.5
C202559		0.46	3.28	12	0.10	25.70	248	0.9
C202560		0.50	2.04	26	0.10	21.00	157	<0.5
C202561		0.72	3.26	26	0.15	45.50	178	0.5
C202562		0.34	4.23	12	0.07	14.55	158	0.7
C202563		0.25	3.42	6	0.05	10.45	194	0.8
C202564		0.19	2.98	19	0.07	15.05	180	1.8
C202565		0.20	2.13	38	0.10	9.74	123	0.7
C202566		0.15	6.89	12	0.07	25.90	146	4.9
C202567		0.10	2.45	11	<0.05	12.95	68	10.9
C202568		0.08	1.54	9	<0.05	9.35	31	5.6
C202569		0.20	3.60	16	0.08	36.50	58	8.1
C202570		0.21	3.33	16	0.09	30.60	55	8.3
C202571		0.13	3.99	42	0.11	19.65	31	3.6
C202572		0.10	6.44	28	0.17	18.25	24	3.3
C202573		0.11	3.78	31	0.11	23.20	61	8.6
C202574		0.16	5.50	40	0.14	20.10	69	4.4
C202575		0.10	6.17	29	0.14	15.75	33	1.7
C202576		0.09	3.24	30	0.14	27.30	30	2.0
C202577		0.18	2.92	41	0.18	11.50	106	1.2
C202578		0.17	1.95	29	0.16	31.20	94	1.8
C202579		0.14	1.05	51	0.27	10.65	74	<0.5
C202580		0.10	0.84	44	0.15	3.61	55	<0.5
C202581		0.14	1.20	42	0.20	8.63	68	<0.5
C202582		0.14	0.77	47	0.22	3.61	39	<0.5
C202583		0.08	0.85	28	0.11	2.78	23	0.6
C202584		0.06	0.73	22	0.10	2.15	23	<0.5
C202585		0.06	0.89	21	0.10	2.79	25	0.6
C202586		0.07	0.63	23	0.11	2.85	26	0.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-OCT-2006
Account: EIA

CERTIFICATE VA06088249

Project: Werneckes

P.O. No.: FRG06-01

This report is for 130 Soil samples submitted to our lab in Vancouver, BC, Canada on 23-AUG-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
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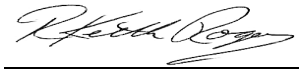
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
Keith Rogers, Executive Manager Vancouver Laboratory

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CERTIFICATE OF ANALYSIS VA06088249

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C202701		0.68	0.009	0.33	2.01	59.7	<10	60	2.27	1.76	0.04	0.38	68.60	8.6	21	3.39
C202702		0.56	0.006	0.33	2.09	26.1	<10	90	2.28	1.56	0.17	1.47	94.70	22.6	23	4.20
C202703		0.56	0.005	0.12	1.06	18.6	<10	50	0.69	0.71	0.08	0.21	39.20	6.6	16	1.93
C202704		0.48	0.009	0.33	1.71	45.7	<10	120	2.03	2.79	0.29	0.43	87.30	12.0	22	3.08
C202705		0.76	0.010	0.24	2.25	51.0	<10	100	2.85	1.97	0.13	0.53	123.00	13.9	25	3.75
C202706		0.62	<0.005	0.16	1.43	16.8	<10	90	1.05	0.72	0.31	0.42	42.10	7.7	15	1.58
C202707		0.72	<0.005	0.16	2.05	18.0	<10	90	1.25	0.86	0.09	0.33	75.60	20.7	24	3.50
C202708		0.60	<0.005	0.05	1.22	9.7	<10	90	0.62	0.40	0.22	0.23	52.90	12.2	20	1.62
C202709		0.74	0.009	0.26	1.88	24.8	<10	50	2.22	0.69	0.15	1.02	234.00	48.5	22	3.27
C202710		0.72	0.008	0.76	2.24	134.5	<10	60	1.31	2.28	0.02	0.10	87.20	8.8	30	3.67
C202711		0.66	0.008	0.75	2.34	140.0	<10	60	1.24	2.29	0.02	0.09	80.20	8.0	31	3.55
C202712		0.48	0.017	0.50	0.65	27.1	<10	30	0.49	0.94	0.12	0.21	39.00	5.6	12	2.50
C202713		0.70	0.010	0.60	1.93	175.5	<10	50	2.75	4.81	0.03	0.18	120.50	8.8	32	4.05
C202714		0.72	<0.005	0.49	1.36	46.3	<10	370	1.07	1.25	0.60	0.31	102.50	18.1	6	1.47
C202715		0.72	0.007	0.06	1.56	14.5	<10	70	0.50	0.33	0.06	0.35	35.80	8.8	22	1.28
C202716		0.64	0.005	0.08	1.01	15.7	<10	50	0.49	0.40	0.09	0.09	39.40	15.4	16	1.14
C202717		0.60	0.008	0.14	2.06	29.8	<10	100	2.01	1.02	0.10	0.86	92.50	44.5	26	4.32
C202718		0.76	0.010	0.12	1.18	10.5	<10	30	0.56	0.31	0.09	0.10	87.00	25.3	16	1.42
C202719		0.54	<0.005	0.22	0.81	40.4	<10	80	0.37	1.12	0.26	0.34	31.50	12.7	13	4.31
C202720		0.76	0.009	0.24	0.85	16.7	<10	220	0.70	0.74	5.60	0.17	29.00	29.1	22	1.01
C202721		0.52	0.008	0.14	1.02	18.9	<10	650	0.98	0.78	1.38	0.35	29.50	27.5	14	0.84
C202722		0.78	0.013	0.23	0.87	20.6	<10	240	0.73	1.21	5.49	0.19	28.50	31.3	23	0.87
C202723		0.66	0.008	0.10	1.15	15.0	<10	180	0.84	0.74	0.23	0.26	37.10	22.0	23	1.04
C202724		0.80	0.009	0.14	2.25	22.4	<10	330	1.52	3.80	0.30	0.20	46.30	58.6	30	1.42
C202725		0.84	0.014	0.11	0.68	14.4	<10	500	0.72	2.46	1.40	0.07	40.60	50.2	8	1.30
C202726		0.86	0.040	0.38	1.58	68.2	<10	690	0.98	3.21	0.41	0.34	44.30	103.0	29	0.67
C202727		0.70	0.024	0.11	0.70	12.8	<10	420	0.55	1.02	0.42	0.07	27.20	44.1	13	0.37
C202728		0.70	0.026	0.18	1.00	18.7	<10	950	1.23	0.87	0.65	0.30	33.30	57.1	15	0.73
C202729		0.80	0.053	0.16	1.14	26.6	<10	870	1.22	1.69	0.63	0.16	42.20	86.0	10	1.16
C202730		Not Recvd														
C202731		0.88	0.036	0.16	1.03	35.3	<10	220	1.34	1.55	1.03	0.08	23.10	118.0	21	0.53
C202732		0.76	0.006	0.54	0.66	42.2	10	150	1.16	2.18	7.09	0.27	33.80	29.3	7	0.66
C202733		0.88	0.013	0.80	0.33	39	<10	70	0.55	4.59	12.15	0.18	17.55	34.9	4	0.32
C202734		0.82	0.009	0.55	0.65	40.3	10	140	1.09	2.50	6.82	0.16	27.00	35.7	27	0.90
C202735		0.72	0.007	0.73	1.04	45.0	<10	230	1.85	2.27	0.76	0.32	38.10	35.3	40	0.91
C202736		0.84	<0.005	0.28	0.38	20	10	60	0.54	0.84	10.45	0.14	18.20	16.9	22	0.48
C202737		0.82	0.005	0.23	0.54	65.0	<10	240	2.78	5.84	0.26	0.21	32.10	39.6	7	1.77
C202738		0.70	0.008	0.89	0.96	255.0	<10	330	4.28	11.25	0.65	0.26	31.70	104.5	10	5.42
C202739		0.58	<0.005	0.53	0.35	31.1	<10	160	1.11	1.51	6.95	0.48	20.30	16.7	3	0.98
C202740		0.86	<0.005	0.05	0.48	5.7	<10	580	1.48	0.14	0.08	0.10	25.80	5.6	5	3.72

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 10-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06088249

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C202701		74.4	4.66	6.11	0.11	0.05	0.03	0.088	0.07	42.6	65.6	0.68	446	6.44	0.02	1.44
C202702		96.6	3.71	6.67	0.12	0.05	0.06	0.099	0.07	54.5	44.1	0.52	335	5.92	0.01	1.12
C202703		24.9	2.99	5.34	0.06	<0.02	0.04	0.047	0.05	22.1	19.7	0.30	494	2.57	0.01	0.80
C202704		58.3	4.24	6.48	0.12	0.05	0.06	0.195	0.07	46.1	32.3	0.43	521	9.96	0.02	0.63
C202705		81.2	4.60	7.03	0.14	0.06	0.04	0.343	0.09	65.5	62.9	0.71	607	6.04	0.02	1.27
C202706		27.3	3.42	6.42	0.07	0.03	0.05	0.045	0.09	26.0	18.6	0.27	538	3.10	0.01	0.94
C202707		51.8	4.10	5.65	0.10	0.04	0.09	0.066	0.07	38.0	37.5	0.42	558	2.16	0.01	0.82
C202708		20.5	2.81	4.15	0.07	0.06	0.02	0.029	0.06	26.4	26.0	0.55	650	0.86	0.02	0.86
C202709		59.3	3.51	5.44	0.14	0.09	0.06	0.084	0.05	52.6	35.2	0.44	703	2.25	0.01	0.77
C202710		108.0	9.08	7.07	0.18	0.09	0.07	0.106	0.04	60.2	24.2	0.44	428	12.40	0.02	1.24
C202711		110.0	9.71	6.98	0.18	0.08	0.05	0.104	0.04	57.0	23.5	0.46	440	12.30	0.03	1.22
C202712		47.3	2.00	1.92	0.06	0.02	0.10	0.033	0.03	19.6	6.2	0.12	100	3.68	0.01	0.24
C202713		159.5	15.30	6.84	0.27	0.06	0.03	0.083	0.05	61.3	22.8	0.47	412	18.70	0.03	2.72
C202714		38.5	6.87	4.42	0.19	0.28	0.04	0.090	0.08	49.0	34.8	1.31	11150	5.85	0.01	0.18
C202715		21.5	2.98	5.74	0.06	0.02	0.07	0.033	0.04	17.2	19.3	0.34	420	1.82	0.01	0.80
C202716		32.1	2.44	3.70	0.05	0.04	0.03	0.021	0.04	17.9	23.3	0.29	385	0.97	0.01	0.32
C202717		44.4	4.83	5.90	0.14	0.08	0.03	0.113	0.06	43.6	32.9	0.52	1770	1.86	0.01	0.62
C202718		39.2	2.51	3.73	0.12	0.06	0.01	0.023	0.05	47.0	19.8	0.41	571	0.54	0.01	0.37
C202719		29.7	2.38	4.26	0.06	<0.02	0.04	0.031	0.08	14.9	9.8	0.36	1800	1.09	0.01	0.17
C202720		153.0	3.81	2.65	0.09	0.09	0.03	0.080	0.08	14.3	9.7	3.49	3320	2.12	0.02	0.28
C202721		90.3	5.05	3.13	0.10	0.12	0.11	0.161	0.05	15.1	7.4	0.38	7620	2.19	0.01	0.23
C202722		149.5	4.02	2.80	0.09	0.09	0.07	0.092	0.08	14.6	9.3	2.91	3550	2.81	0.02	0.36
C202723		85.1	4.04	4.00	0.08	0.03	0.04	0.069	0.08	18.3	13.9	0.39	2920	2.09	0.01	0.33
C202724		218.0	7.35	8.37	0.14	0.14	0.04	0.187	0.07	28.4	26.0	1.35	4560	5.49	0.01	0.28
C202725		173.0	4.60	3.01	0.10	0.11	0.03	0.089	0.07	20.3	7.3	0.74	6050	4.21	0.01	0.12
C202726		1290.0	6.29	7.07	0.14	0.19	0.04	0.118	0.06	27.0	15.7	1.04	5460	6.30	0.01	0.10
C202727		100.5	4.81	2.73	0.08	0.13	0.04	0.105	0.06	14.6	7.0	0.31	3010	4.51	0.01	0.16
C202728		316.0	7.03	3.14	0.12	0.14	0.08	0.263	0.09	16.9	6.1	0.38	8160	6.71	0.01	0.17
C202729		531.0	6.77	3.89	0.13	0.16	0.04	0.243	0.11	21.6	12.5	0.95	8070	11.65	0.01	0.21
C202730																
C202731		684.0	7.64	3.57	0.13	0.10	0.03	0.132	0.06	11.5	7.2	0.78	6010	15.05	0.01	0.12
C202732		71.2	5.64	2.02	0.10	0.10	0.12	0.205	0.05	15.8	7.6	4.51	7240	1.95	0.03	0.13
C202733		35.5	8.35	1.10	0.13	0.06	0.13	0.216	0.03	8.7	4.8	7.90	5860	2.04	0.03	0.11
C202734		215.0	5.67	1.97	0.11	0.09	0.15	0.134	0.06	13.0	7.8	4.41	5280	3.20	0.03	0.19
C202735		161.0	7.44	3.14	0.13	0.17	0.22	0.211	0.07	18.8	10.5	0.81	7160	3.12	0.01	0.22
C202736		46.9	2.85	1.26	0.07	0.07	0.09	0.080	0.03	8.7	5.8	6.38	2400	1.41	0.02	0.16
C202737		240.0	5.01	1.94	0.09	0.12	0.05	0.198	0.06	14.3	3.6	0.20	8150	4.17	0.01	0.11
C202738		675.0	8.48	3.01	0.14	0.18	0.16	0.487	0.08	14.1	10.0	0.69	14400	8.78	0.01	0.18
C202739		34.4	6.98	1.01	0.11	0.08	0.33	0.094	0.06	8.9	1.8	0.18	3900	0.82	0.02	0.09
C202740		9.6	3.09	1.71	0.07	0.06	0.05	0.081	0.07	9.1	6.5	0.12	6340	0.97	0.01	0.17

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C202701		25.2	720	19.0	11.2	0.001	0.12	3.90	2.3	1.2	0.3	12.4	0.01	0.21	25.0	0.015
C202702		65.5	1080	23.8	16.0	<0.001	0.08	2.36	2.7	1.2	0.5	17.3	0.01	0.16	12.3	0.019
C202703		14.1	650	17.0	10.8	<0.001	0.05	1.52	1.6	0.4	0.5	8.3	<0.01	0.07	3.1	0.022
C202704		20.2	1330	50.9	13.9	<0.001	0.17	6.17	2.3	1.7	0.5	20.4	0.01	0.26	10.1	0.010
C202705		25.6	1080	22.2	15.1	0.001	0.10	9.23	2.8	1.1	0.4	16.4	0.01	0.19	23.7	0.010
C202706		14.0	710	24.1	13.5	<0.001	0.04	1.14	2.2	0.5	0.6	16.1	0.01	0.11	5.4	0.014
C202707		33.0	820	23.4	12.5	<0.001	0.05	1.32	2.9	0.8	0.4	13.2	0.01	0.11	11.0	0.022
C202708		22.7	420	13.0	11.3	<0.001	0.02	0.65	2.8	0.3	0.3	10.6	<0.01	0.04	9.8	0.030
C202709		53.5	730	148.5	8.0	0.001	0.03	1.40	3.0	1.1	0.4	11.2	0.01	0.08	11.8	0.027
C202710		18.5	2150	74.2	5.4	0.001	0.17	4.67	4.5	2.7	0.4	22.3	0.02	0.39	41.2	0.028
C202711		17.5	2290	73.3	5.1	0.001	0.18	4.65	4.4	2.8	0.4	22.0	0.02	0.42	40.7	0.029
C202712		13.4	1290	14.2	6.6	<0.001	0.16	1.86	1.1	1.1	0.2	8.0	0.01	0.14	6.0	0.005
C202713		16.4	3140	73.7	6.6	0.001	0.17	4.92	2.6	2.8	0.3	24.4	0.05	0.59	65.0	0.040
C202714		29.2	920	50.4	6.5	0.001	0.09	3.51	4.4	1.5	0.2	11.9	0.01	0.25	11.7	0.010
C202715		20.5	480	40.0	8.1	<0.001	0.04	0.99	2.2	0.8	0.5	8.8	<0.01	0.06	1.8	0.030
C202716		18.3	430	12.4	7.9	<0.001	0.03	0.78	1.5	0.4	0.2	4.4	<0.01	0.05	11.9	0.010
C202717		43.1	770	68.5	12.6	<0.001	0.04	1.21	3.9	0.9	0.4	9.6	0.01	0.06	11.4	0.023
C202718		31.7	280	14.7	6.0	<0.001	0.01	0.37	2.1	0.4	<0.2	4.2	0.01	0.03	24.0	0.008
C202719		12.1	1140	25.1	27.0	<0.001	0.09	0.71	1.0	0.6	0.6	7.2	<0.01	0.08	0.8	0.019
C202720		32.7	720	21.4	7.2	<0.001	0.04	1.49	5.9	0.4	0.3	21.1	<0.01	0.07	6.9	0.022
C202721		26.1	1710	18.7	7.8	<0.001	0.13	0.95	4.4	1.2	0.3	15.2	0.01	0.09	1.5	0.013
C202722		33.4	820	19.8	7.2	<0.001	0.05	1.55	6.2	0.6	0.3	19.0	<0.01	0.06	5.3	0.023
C202723		29.2	780	17.9	10.5	<0.001	0.03	1.03	4.2	0.6	0.4	8.3	<0.01	0.09	3.1	0.023
C202724		46.1	810	17.1	9.0	<0.001	0.05	1.77	23.5	1.1	0.4	7.7	0.01	0.12	6.9	0.021
C202725		22.7	1060	7.0	6.4	0.001	0.06	0.89	7.7	0.6	0.2	13.1	0.01	0.12	10.3	0.010
C202726		53.6	970	99.7	5.0	0.001	0.17	4.64	9.4	0.9	0.4	10.6	<0.01	0.14	16.5	0.005
C202727		24.5	860	7.4	6.7	<0.001	0.07	1.05	9.0	0.7	0.4	4.9	<0.01	0.09	7.2	0.012
C202728		31.1	1470	17.1	9.2	0.001	0.11	1.36	7.8	1.5	0.3	8.5	0.01	0.13	3.4	0.012
C202729		44.0	780	11.9	11.5	0.001	0.09	1.63	8.8	1.2	0.3	8.0	0.01	0.17	8.8	0.018
C202730																
C202731		49.0	940	10.0	4.5	0.001	0.19	1.21	13.8	0.9	0.4	10.7	0.01	0.14	15.1	0.022
C202732		30.5	570	44.8	6.0	<0.001	0.07	1.74	6.5	1.0	0.2	18.3	0.01	0.06	2.5	0.007
C202733		34.5	310	111.5	2.5	<0.001	0.13	3.41	4.5	0.7	<0.2	39.5	0.01	0.03	1.7	0.005
C202734		42.7	580	56.7	5.3	<0.001	0.04	3.22	6.3	0.6	0.2	20.5	0.01	0.05	5.2	0.012
C202735		55.6	650	68.5	8.0	<0.001	0.05	3.76	8.2	1.0	0.2	6.6	0.01	0.08	4.8	0.014
C202736		25.0	360	27.5	3.0	<0.001	0.04	1.54	3.9	0.3	<0.2	26.6	<0.01	0.04	3.1	0.012
C202737		47.8	420	36.0	6.0	<0.001	0.03	5.21	5.5	0.7	0.2	7.7	0.01	0.09	14.0	0.005
C202738		123.0	560	44.6	10.9	0.001	0.07	12.00	8.9	1.2	0.2	16.1	0.01	0.16	18.8	0.010
C202739		23.0	630	69.6	5.2	<0.001	0.21	2.84	6.5	0.9	0.2	145.0	0.01	0.04	3.6	<0.005
C202740		8.4	320	6.3	6.7	<0.001	0.01	0.73	2.7	0.4	0.2	33.3	<0.01	0.02	5.3	0.008

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06088249

Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Tl	U	V	W	Y	Zn	Zr
Sample Description Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.05	1	0.05	0.05	2	0.5
C202701	0.09	3.96	17	0.18	20.00	193	0.6
C202702	0.14	4.62	25	0.26	23.40	318	<0.5
C202703	0.11	1.27	30	0.26	5.98	77	<0.5
C202704	0.18	5.03	30	0.22	19.80	145	0.5
C202705	0.14	4.80	24	0.21	23.60	166	0.8
C202706	0.15	1.35	41	0.14	6.06	135	0.5
C202707	0.17	1.89	36	0.29	12.30	156	0.7
C202708	0.09	1.11	24	0.23	9.23	89	1.0
C202709	0.09	4.03	29	0.34	21.70	1150	1.3
C202710	0.13	5.38	22	0.48	24.90	192	1.1
C202711	0.13	5.11	23	0.54	24.00	188	1.1
C202712	0.04	4.18	7	0.08	7.55	45	<0.5
C202713	0.16	4.70	25	0.31	30.00	208	<0.5
C202714	0.76	3.11	15	0.22	44.20	100	6.1
C202715	0.15	0.94	45	0.23	4.17	116	<0.5
C202716	0.06	1.06	17	0.09	4.07	68	0.5
C202717	0.14	3.76	40	0.17	19.65	1080	1.2
C202718	0.04	2.37	7	0.05	18.80	180	0.7
C202719	0.13	0.74	20	0.06	3.88	79	<0.5
C202720	0.16	1.41	26	0.18	13.75	70	1.8
C202721	0.19	2.09	25	0.13	27.60	68	1.7
C202722	0.20	1.58	28	0.18	15.85	60	1.7
C202723	0.15	1.52	35	0.18	11.40	67	<0.5
C202724	0.13	3.43	112	0.31	32.30	108	2.2
C202725	1.05	3.50	27	0.18	17.95	37	3.1
C202726	0.18	9.46	36	0.23	18.30	120	4.7
C202727	0.15	4.91	27	0.30	8.86	31	2.6
C202728	0.15	7.86	27	0.26	27.40	65	2.1
C202729	0.12	7.02	24	0.36	27.70	68	3.4
C202730							
C202731	0.11	5.69	41	0.25	17.50	40	2.7
C202732	0.20	1.19	18	0.07	31.10	72	1.6
C202733	4.32	0.90	19	0.05	18.95	49	1.2
C202734	0.97	1.23	19	0.08	19.80	75	2.2
C202735	0.70	1.38	29	0.10	31.60	126	3.1
C202736	0.16	0.57	15	0.07	13.55	58	2.2
C202737	0.21	4.31	10	0.08	25.40	65	2.8
C202738	0.53	5.31	15	0.10	44.20	157	4.3
C202739	0.32	0.56	9	<0.05	14.75	334	1.4
C202740	0.12	2.09	12	0.06	9.95	29	1.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06088249

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C202741		0.80	0.006	0.65	0.74	39.7	10	130	2.16	1.89	5.39	0.25	24.70	30.2	5	5.47
C202742		0.86	<0.005	0.12	1.40	17.0	<10	50	1.16	0.94	0.05	0.12	148.50	24.5	14	3.13
C202743		0.86	<0.005	0.14	1.58	13.9	<10	40	1.23	0.85	0.03	0.17	145.00	26.2	15	3.37
C202744		0.80	<0.005	0.15	2.03	7.1	<10	40	1.85	0.52	0.03	0.20	97.10	21.7	15	5.80
C202745		0.80	<0.005	0.16	1.43	12.3	<10	40	0.98	1.22	0.03	0.09	107.00	24.0	13	3.14
C202746		0.70	<0.005	0.29	1.55	19.6	<10	50	1.20	1.20	0.06	0.14	131.00	21.0	17	3.85
C202747		0.90	<0.005	0.11	1.17	42.7	<10	40	1.24	1.11	0.04	0.05	112.50	31.7	11	3.07
C202748		0.84	<0.005	0.09	1.30	20.7	<10	40	1.12	1.01	0.04	0.07	66.80	31.8	15	5.01
C202749		0.74	<0.005	0.10	1.35	22.2	<10	50	1.44	0.91	0.04	0.16	105.00	38.8	15	3.46
C202750		0.70	0.005	0.11	1.37	23.0	<10	50	1.48	0.90	0.04	0.16	106.00	39.5	16	3.61
C332001		0.90	<0.005	0.04	0.81	9.3	<10	40	0.69	0.58	0.03	0.03	76.90	12.3	6	1.41
C332002		0.66	<0.005	0.09	1.37	13.7	<10	60	1.16	0.66	0.05	0.12	52.40	28.1	16	2.35
C332003		0.84	<0.005	0.09	1.00	10.4	<10	40	0.92	0.97	0.10	0.06	114.50	23.1	11	1.61
C332004		0.74	<0.005	0.13	1.03	11.9	<10	50	0.69	0.76	0.04	0.15	91.10	14.6	11	1.42
C332005		0.80	<0.005	0.08	1.08	11.5	<10	40	0.69	0.80	0.04	0.23	66.80	15.0	14	1.37
C332006		0.62	<0.005	0.09	1.25	12.2	<10	60	0.94	0.63	0.07	0.09	62.60	23.3	13	2.51
C332007		0.84	<0.005	0.12	0.98	11.4	<10	50	0.84	1.01	0.07	0.44	55.10	25.7	11	1.43
C332008		1.00	<0.005	0.08	0.66	12.3	<10	40	0.81	1.77	0.05	0.06	112.50	18.7	6	2.49
C332009		0.90	<0.005	0.26	0.90	37.6	<10	50	0.99	2.16	0.06	0.12	74.10	28.8	7	2.14
C332010		0.90	<0.005	0.27	0.91	37.7	<10	50	1.04	2.15	0.07	0.13	72.40	28.3	7	2.22
C332011		0.60	0.005	0.04	1.42	8.3	<10	80	0.96	0.65	0.61	0.14	35.80	20.2	23	6.01
C332012		0.56	<0.005	0.07	2.04	6.8	<10	80	1.63	0.23	1.25	0.13	39.60	18.1	27	5.69
C332013		0.72	0.018	0.05	1.58	5.8	<10	90	1.35	0.26	0.80	0.13	63.00	20.6	30	5.75
C332014		0.52	0.008	0.10	1.42	10.6	<10	130	1.06	0.32	0.91	0.11	43.40	14.7	31	2.58
C332015		0.42	<0.005	0.14	1.11	8.1	<10	230	0.59	0.44	1.75	0.13	39.10	12.3	16	2.03
C332016		0.66	<0.005	0.04	1.10	6.1	<10	250	0.50	0.38	0.73	0.08	45.60	11.7	17	2.04
C332017		0.66	<0.005	0.01	0.58	2.8	<10	120	0.63	0.06	0.42	0.09	44.50	6.0	14	0.50
C332018		0.52	0.010	0.07	1.03	5.8	<10	220	1.30	0.09	1.04	0.10	55.30	18.8	28	1.82
C332019		0.64	<0.005	0.09	0.61	6.9	<10	210	1.09	0.19	0.68	0.14	79.30	13.5	21	0.92
C332020		0.54	<0.005	0.08	1.56	6.1	<10	500	1.03	0.70	0.24	0.15	52.50	13.6	22	2.41
C332021		0.48	0.009	2.17	0.58	6.3	<10	1330	1.92	4.22	1.55	0.33	167.00	62.3	9	1.87
C332022		0.78	<0.005	0.06	0.68	4.0	<10	70	0.34	0.63	0.15	0.08	35.60	7.4	12	3.36
C332023		0.58	<0.005	0.04	0.80	5.7	<10	80	0.19	0.54	0.15	0.06	17.10	5.1	13	1.76
C332024		0.68	<0.005	0.03	0.92	3.9	<10	50	0.32	0.55	0.05	0.05	20.80	8.1	17	3.50
C332025		0.62	<0.005	0.09	1.20	5.4	<10	60	0.48	0.56	0.14	0.03	29.30	10.1	22	3.56
C332026		0.64	<0.005	<0.01	0.70	4.6	<10	30	0.22	0.25	0.04	0.04	25.50	6.1	14	3.97
C332027		0.60	<0.005	0.04	1.15	5.9	<10	130	0.50	0.37	0.53	0.05	43.40	13.0	19	3.24
C332028		0.52	<0.005	0.25	1.36	5.4	<10	150	1.00	0.34	1.16	0.13	135.00	12.9	20	5.23
C332029		0.56	<0.005	0.12	2.28	28.0	<10	130	1.31	1.33	0.23	0.22	36.10	22.3	30	2.97
C332030		Not Recvd														

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C202741		87.8	6.19	2.30	0.11	0.11	0.28	0.133	0.13	11.9	7.6	3.13	2930	2.25	0.02	0.12
C202742		61.5	2.68	4.07	0.16	0.08	0.03	0.030	0.10	64.6	24.7	0.26	746	1.37	0.01	2.24
C202743		60.3	2.93	4.37	0.15	0.07	0.04	0.034	0.07	59.9	30.5	0.29	746	1.04	0.01	2.52
C202744		26.0	2.74	4.43	0.11	0.06	0.03	0.022	0.10	49.0	62.9	0.98	507	0.56	0.01	0.49
C202745		51.1	2.61	3.79	0.12	0.08	0.04	0.022	0.07	47.0	24.0	0.24	656	0.81	0.01	2.42
C202746		67.9	2.90	4.84	0.13	0.06	0.05	0.029	0.08	53.2	25.4	0.26	511	1.18	0.01	3.31
C202747		62.8	3.01	3.37	0.14	0.04	0.04	0.067	0.07	50.9	19.4	0.27	2160	1.25	<0.01	1.87
C202748		59.1	2.81	3.77	0.10	0.04	0.03	0.030	0.07	33.5	20.6	0.22	1080	1.45	0.01	1.82
C202749		74.7	2.84	4.14	0.13	0.05	0.04	0.037	0.06	43.1	22.4	0.27	1020	1.65	0.01	2.17
C202750		76.1	2.89	4.26	0.13	0.04	0.05	0.038	0.07	46.8	22.4	0.28	1020	1.74	0.01	2.13
C332001		20.1	2.08	2.29	0.09	0.04	0.03	0.021	0.08	37.3	13.2	0.14	855	0.60	<0.01	0.38
C332002		35.1	2.70	3.90	0.08	0.04	0.05	0.037	0.06	25.4	21.0	0.27	1140	1.56	0.01	1.08
C332003		41.2	2.21	2.88	0.14	0.07	0.01	0.014	0.06	52.0	16.3	0.20	840	1.07	<0.01	2.22
C332004		30.5	2.47	3.29	0.11	0.03	0.03	0.020	0.07	43.8	14.0	0.16	709	1.07	0.01	2.38
C332005		34.9	2.84	3.79	0.09	0.03	0.04	0.033	0.06	33.0	12.8	0.20	759	1.56	0.01	1.92
C332006		35.2	2.26	3.12	0.08	0.03	0.04	0.018	0.08	30.9	15.9	0.34	766	1.05	0.01	0.94
C332007		42.6	2.68	2.86	0.08	0.03	0.03	0.027	0.06	27.5	13.2	0.20	1390	1.25	0.01	0.69
C332008		28.6	2.22	2.05	0.12	0.03	0.02	0.020	0.09	50.7	8.9	0.12	1390	0.94	0.01	0.23
C332009		64.4	3.20	2.34	0.11	0.03	0.03	0.037	0.08	36.5	12.6	0.13	2120	1.38	0.01	0.63
C332010		62.3	3.14	2.30	0.11	0.04	0.03	0.038	0.09	35.6	12.4	0.13	2100	1.38	0.01	0.67
C332011		92.1	2.50	5.53	0.07	0.03	0.04	0.028	0.07	15.7	29.0	0.82	2780	1.53	0.02	0.88
C332012		21.1	2.51	9.74	0.09	0.06	0.06	0.019	0.09	28.4	36.6	1.25	2620	0.52	0.04	0.72
C332013		47.2	2.64	7.02	0.13	0.04	0.03	0.017	0.22	35.6	31.5	1.16	2430	5.76	0.03	1.05
C332014		37.7	2.81	7.90	0.10	0.05	0.03	0.021	0.11	26.1	19.1	1.18	1010	0.91	0.02	0.52
C332015		77.8	2.23	4.00	0.10	0.04	0.06	0.027	0.07	27.8	16.2	0.62	1020	0.79	0.02	0.42
C332016		18.8	2.48	4.56	0.06	0.03	0.02	0.021	0.06	13.3	16.1	0.38	845	0.67	0.01	0.58
C332017		1.5	1.59	1.75	0.05	0.02	0.02	0.014	0.05	13.3	2.2	0.05	677	0.19	0.01	0.09
C332018		138.5	3.07	6.29	0.09	0.04	0.02	0.029	0.16	28.0	9.5	0.66	954	0.98	0.02	0.43
C332019		74.2	3.00	3.07	0.11	0.04	0.03	0.024	0.10	41.6	4.7	0.24	1160	1.00	0.01	0.28
C332020		31.8	4.21	5.88	0.08	0.02	0.02	0.045	0.07	23.5	18.1	0.30	1370	1.88	0.01	0.41
C332021		283.0	5.66	2.25	0.21	0.12	0.07	0.070	0.14	87.3	5.6	0.22	8430	4.24	0.01	0.12
C332022		17.5	2.48	3.94	0.05	<0.02	0.04	0.015	0.07	18.8	12.8	0.23	452	0.93	0.01	0.43
C332023		10.7	3.06	5.48	0.05	<0.02	0.02	0.015	0.07	8.4	9.5	0.17	279	1.18	0.01	0.94
C332024		26.8	2.75	5.17	0.05	<0.02	0.02	0.013	0.09	8.8	13.4	0.33	434	0.72	0.01	0.86
C332025		21.0	2.77	4.75	0.05	<0.02	0.02	0.018	0.07	14.6	22.5	0.45	323	0.64	0.01	0.87
C332026		4.2	3.03	5.28	0.06	0.02	0.01	0.008	0.10	12.5	10.7	0.28	165	0.64	0.01	3.16
C332027		17.9	2.91	4.50	0.07	0.02	0.02	0.025	0.07	25.6	18.8	0.51	1020	0.68	0.01	0.55
C332028		150.0	2.52	4.72	0.28	0.10	0.08	0.023	0.07	150.5	21.7	0.63	1250	0.99	0.01	0.40
C332029		98.5	4.81	6.41	0.08	0.08	0.04	0.076	0.15	18.8	21.0	0.79	1490	1.41	0.01	0.63
C332030																

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 10-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06088249

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C202741		33.9	590	52.6	9.0	0.001	0.13	1.99	8.3	1.1	0.4	21.5	0.01	0.06	5.5	<0.005
C202742		19.0	480	38.0	14.5	<0.001	0.03	0.59	2.1	0.7	0.3	4.3	0.01	0.06	29.4	0.007
C202743		20.6	440	59.1	12.2	<0.001	0.02	0.54	1.9	0.6	0.3	4.4	0.01	0.06	29.3	0.010
C202744		15.3	200	101.0	11.4	<0.001	0.01	0.43	1.9	0.3	0.7	2.3	<0.01	0.03	33.5	<0.005
C202745		16.1	440	66.9	12.3	<0.001	0.02	0.53	1.6	0.7	0.2	2.7	0.02	0.07	27.1	0.005
C202746		21.2	460	131.5	16.5	<0.001	0.03	0.69	2.1	0.8	0.4	5.9	0.01	0.07	23.5	0.012
C202747		24.8	300	18.9	9.3	<0.001	0.02	0.96	2.3	0.6	0.2	4.4	0.01	0.04	34.6	0.007
C202748		22.6	340	14.8	13.9	<0.001	0.03	0.91	2.2	0.7	0.3	4.8	0.01	0.04	25.2	0.013
C202749		26.2	390	41.5	11.6	<0.001	0.03	1.49	2.1	0.5	0.3	5.1	0.01	0.05	19.0	0.014
C202750		26.7	390	42.8	12.0	<0.001	0.03	1.52	2.1	0.5	0.3	5.2	0.01	0.04	19.1	0.015
C332001		10.1	170	11.7	7.9	<0.001	0.01	0.41	1.5	0.2	<0.2	3.7	<0.01	0.02	23.6	<0.005
C332002		19.7	300	65.3	10.3	<0.001	0.03	0.86	2.3	0.6	0.3	6.7	0.01	0.04	12.8	0.018
C332003		18.7	180	60.6	7.1	<0.001	0.01	0.64	1.4	0.6	<0.2	6.2	0.02	0.03	35.0	<0.005
C332004		14.0	420	31.9	11.1	<0.001	0.04	0.65	1.2	0.6	0.2	4.9	0.01	0.04	10.4	0.010
C332005		17.0	340	47.7	10.6	<0.001	0.04	1.35	1.7	0.6	0.3	5.9	0.01	0.03	10.6	0.018
C332006		17.4	300	25.8	9.2	<0.001	0.03	1.02	1.7	0.5	0.2	6.2	<0.01	0.03	18.7	0.008
C332007		19.7	380	35.4	8.6	<0.001	0.03	0.83	1.5	0.4	0.2	6.4	0.01	0.03	12.8	0.010
C332008		14.8	250	11.2	9.9	<0.001	0.02	0.87	1.9	0.4	0.2	5.9	<0.01	0.02	27.5	<0.005
C332009		22.1	280	41.9	10.3	<0.001	0.04	5.39	2.0	0.4	0.2	6.4	<0.01	0.04	25.8	<0.005
C332010		21.3	290	40.5	11.1	<0.001	0.04	5.14	2.0	0.5	0.2	6.8	<0.01	0.05	24.6	0.005
C332011		24.0	480	16.3	19.8	<0.001	0.04	0.47	3.6	0.3	0.5	41.9	0.01	0.06	5.8	0.058
C332012		30.8	1020	15.0	26.7	<0.001	0.09	0.35	6.3	0.9	0.8	38.4	0.01	0.08	4.0	0.048
C332013		27.2	820	14.1	45.0	<0.001	0.03	0.53	5.3	0.3	0.8	42.1	0.01	0.18	10.6	0.093
C332014		30.4	610	13.2	41.7	<0.001	0.06	0.34	9.1	0.6	1.1	18.4	<0.01	0.04	7.2	0.065
C332015		21.9	1050	13.0	21.2	<0.001	0.13	0.38	3.7	1.1	0.3	25.6	0.01	0.04	2.2	0.026
C332016		15.8	480	15.5	19.6	<0.001	0.05	0.35	2.4	0.3	0.4	13.4	<0.01	0.03	3.9	0.026
C332017		9.8	650	6.1	9.9	<0.001	0.03	<0.05	6.8	0.3	0.4	8.1	<0.01	<0.01	6.9	0.005
C332018		28.8	770	9.0	36.2	<0.001	0.05	0.15	12.9	0.5	1.0	23.0	<0.01	0.03	8.5	0.038
C332019		21.5	980	8.5	16.7	<0.001	0.04	0.22	10.1	0.5	0.6	16.2	<0.01	0.04	9.3	0.019
C332020		19.7	580	18.8	22.3	<0.001	0.04	0.41	2.2	0.5	0.5	8.6	<0.01	0.06	2.5	0.017
C332021		51.1	710	22.0	14.2	<0.001	0.07	0.67	4.3	2.1	0.2	41.4	0.01	1.16	21.2	<0.005
C332022		12.2	430	10.7	22.9	<0.001	0.04	0.31	1.3	0.4	0.3	5.9	<0.01	0.05	1.9	0.029
C332023		8.3	230	11.4	20.7	<0.001	0.03	0.38	1.3	0.2	0.5	6.0	<0.01	0.04	3.1	0.043
C332024		13.7	220	12.8	30.0	<0.001	0.02	0.36	1.6	<0.2	0.4	4.4	<0.01	0.03	5.3	0.057
C332025		18.7	220	13.7	24.9	<0.001	0.02	0.36	1.8	<0.2	0.4	7.0	<0.01	0.03	7.8	0.049
C332026		12.6	120	11.5	21.1	<0.001	0.02	0.70	1.3	<0.2	0.5	3.8	<0.01	0.02	8.7	0.132
C332027		18.3	520	17.7	31.1	<0.001	0.04	0.30	2.7	0.4	0.4	17.0	<0.01	0.04	5.2	0.040
C332028		23.7	1140	22.1	24.2	<0.001	0.09	0.54	2.5	1.7	0.3	31.0	0.01	0.04	3.9	0.035
C332029		31.1	780	20.3	21.9	<0.001	0.05	1.20	4.4	0.7	0.5	9.2	<0.01	0.08	3.8	0.020
C332030																

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 10-OCT-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06088249

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C202741		0.40	1.17	29	<0.05	22.40	128	2.1
C202742		0.13	5.32	14	0.32	17.35	69	1.0
C202743		0.11	3.64	18	0.28	14.90	193	0.9
C202744		0.08	2.51	12	0.15	7.54	176	1.1
C202745		0.10	4.30	11	0.30	17.00	65	0.8
C202746		0.12	4.99	21	0.43	16.00	137	0.9
C202747		0.07	5.54	11	0.31	19.25	33	0.5
C202748		0.10	4.59	19	0.33	12.55	38	<0.5
C202749		0.10	5.54	21	0.34	14.15	102	0.6
C202750		0.10	5.51	21	0.33	13.65	105	0.6
C332001		0.05	4.38	4	0.05	5.73	17	1.5
C332002		0.12	4.70	23	0.18	7.37	49	0.8
C332003		0.04	6.09	5	0.47	33.40	45	1.0
C332004		0.07	3.07	15	0.36	12.90	57	<0.5
C332005		0.10	3.22	25	0.33	8.18	100	<0.5
C332006		0.08	4.24	15	0.14	7.07	58	<0.5
C332007		0.07	5.05	14	0.24	7.37	193	<0.5
C332008		0.08	4.18	7	0.06	7.02	19	0.7
C332009		0.08	5.95	9	0.14	10.35	63	0.7
C332010		0.08	5.70	9	0.15	9.76	62	0.8
C332011		0.11	1.72	30	1.54	7.79	50	0.6
C332012		0.10	5.21	36	0.32	40.30	51	0.5
C332013		0.16	1.83	37	2.04	17.35	45	0.7
C332014		0.12	1.72	43	0.53	15.35	57	1.0
C332015		0.13	2.35	24	0.10	16.50	86	0.7
C332016		0.15	0.98	31	0.11	4.28	47	0.6
C332017		0.03	0.39	28	<0.05	7.91	16	<0.5
C332018		0.09	2.54	57	0.36	9.74	31	0.7
C332019		0.06	1.52	51	0.14	17.05	27	0.5
C332020		0.18	1.94	43	0.13	9.66	76	<0.5
C332021		0.12	8.00	15	0.16	37.80	166	1.8
C332022		0.19	1.11	23	0.10	5.72	48	<0.5
C332023		0.14	0.67	39	0.13	2.28	44	<0.5
C332024		0.21	0.86	34	0.10	2.90	65	<0.5
C332025		0.22	1.15	33	0.10	3.59	63	<0.5
C332026		0.24	0.73	30	0.08	4.16	44	0.7
C332027		0.21	1.35	28	0.10	7.61	70	<0.5
C332028		0.30	5.72	22	0.12	56.20	97	0.6
C332029		0.15	1.89	41	0.18	12.95	92	1.4
C332030								

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 10-OCT-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06088249

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C332031		0.66	<0.005	0.19	1.60	24.6	<10	80	1.02	1.28	0.07	0.13	55.80	25.6	20	1.63
C332032		0.46	<0.005	0.08	1.28	9.1	<10	90	0.43	0.84	0.09	0.18	36.10	6.5	16	1.52
C332033		0.58	<0.005	0.15	1.90	17.7	<10	90	1.07	1.16	0.07	0.13	50.20	20.0	20	1.03
C332034		0.42	<0.005	0.25	1.64	17.8	<10	110	1.03	1.08	0.54	0.24	27.90	18.8	22	1.81
C332035		0.74	<0.005	0.12	1.23	11.5	<10	50	0.64	0.76	0.03	0.06	56.20	13.0	14	0.72
C332036		0.66	<0.005	0.38	1.10	30.4	<10	80	1.03	1.05	0.13	0.22	51.50	22.5	13	1.24
C332037		0.74	<0.005	0.13	1.33	21.8	<10	60	0.81	1.57	0.05	0.08	50.70	18.6	16	1.11
C332038		0.62	<0.005	0.09	1.73	22.7	<10	100	0.95	1.86	0.18	0.08	37.20	15.3	21	1.89
C332039		0.60	<0.005	0.22	1.49	32.1	<10	90	1.07	1.24	0.14	0.13	43.70	19.3	18	1.89
C332040		0.62	0.010	0.24	1.68	100.5	<10	110	1.05	1.73	0.18	0.23	40.80	32.9	23	1.84
C332041		0.66	0.005	0.19	1.92	99.1	<10	130	1.01	1.17	0.09	0.15	37.60	23.2	27	2.71
C332042		0.62	<0.005	0.03	1.47	18.4	<10	100	0.59	0.83	0.13	0.14	33.30	15.8	21	1.33
C332043		0.58	0.008	0.17	1.19	75.0	<10	140	0.82	0.64	0.15	0.29	40.90	26.1	17	1.13
C332044		0.58	0.019	0.19	1.03	63.9	<10	90	0.69	0.64	0.25	0.20	31.70	20.1	14	0.91
C332045		0.56	<0.005	0.48	1.51	24.1	<10	90	0.98	1.04	1.24	0.35	41.70	22.4	21	2.21
C332046		0.40	0.007	0.33	1.18	14.4	<10	70	0.71	0.63	1.09	0.30	27.00	13.4	17	2.05
C332047		0.58	<0.005	0.49	1.36	22.4	10	90	0.91	0.84	0.80	0.31	38.30	18.6	19	2.24
C332048		0.66	<0.005	0.28	0.76	16.0	<10	80	0.52	0.72	2.66	0.26	36.50	17.6	11	1.50
C332049		0.54	<0.005	0.46	1.39	19.0	<10	100	0.99	0.72	1.36	0.35	37.40	19.9	18	2.85
C332050		0.64	<0.005	0.76	1.39	18.1	<10	100	1.22	0.63	1.59	0.39	40.90	19.7	17	2.79
C202501		0.54	<0.005	0.38	1.44	25.5	<10	100	0.97	0.55	0.49	0.29	38.80	15.8	21	1.87
C202502		0.36	<0.005	0.27	1.03	15.9	<10	100	0.93	0.62	1.50	0.35	25.90	16.2	11	1.44
C202503		0.60	<0.005	0.66	0.99	22.8	<10	110	0.74	1.12	0.47	0.34	39.20	19.7	15	1.71
C202504		0.56	<0.005	1.35	3.00	64.8	<10	220	2.23	2.35	0.73	0.80	77.80	64.2	39	4.87
C202505		0.54	<0.005	0.49	1.81	28.9	<10	140	1.31	0.85	0.37	0.45	42.70	48.4	21	3.58
C202506		0.58	<0.005	0.28	1.30	19.5	<10	60	0.64	0.95	2.72	0.22	44.60	16.3	16	2.00
C202507		0.68	<0.005	0.21	1.27	15.4	<10	40	0.60	0.74	6.66	0.23	35.70	13.1	14	1.47
C202508		0.58	<0.005	0.35	1.39	22.8	<10	80	0.77	1.17	3.77	0.24	37.60	19.6	16	2.26
C202509		0.58	<0.005	0.24	1.48	20.2	<10	100	0.79	0.79	0.50	0.24	38.70	14.3	21	1.68
C202510		0.62	<0.005	0.27	1.48	22.6	<10	100	0.88	0.85	0.47	0.26	42.80	15.6	21	1.88
C202511		0.66	<0.005	0.21	1.69	17.2	<10	70	0.96	0.75	1.31	0.14	42.70	21.6	22	1.51
C202512		0.46	<0.005	0.08	1.64	17.6	<10	70	0.74	1.07	0.27	0.08	35.40	17.8	23	3.08
C202513		0.52	<0.005	0.16	2.28	17.3	<10	120	1.37	0.71	0.19	0.21	39.70	27.6	29	3.22
C202514		0.46	<0.005	0.65	1.48	15.3	<10	120	1.04	0.70	2.30	0.46	36.30	14.7	19	2.15
C202515		0.70	<0.005	0.24	0.85	10.6	10	40	0.62	0.45	8.63	0.21	29.90	8.5	9	1.21
C202516		0.46	<0.005	0.26	0.66	9.1	10	80	0.66	0.55	3.54	0.24	32.80	8.8	10	1.32
C202517		0.40	<0.005	0.14	0.55	6.8	10	70	0.65	0.44	5.90	0.25	24.80	7.1	8	1.04
C202518		0.52	0.006	1.42	0.96	24.3	10	80	0.85	3.47	5.42	0.31	31.20	14.5	13	1.50
C202519		0.60	<0.005	2.32	1.88	67.6	<10	100	1.34	2.54	0.44	0.29	35.30	56.6	24	4.39
C202520		0.56	<0.005	0.79	1.53	22.1	<10	130	0.84	1.47	0.34	0.49	37.70	18.4	21	2.64

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06088249

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C332031		89.3	3.77	4.63	0.11	0.04	0.05	0.051	0.16	30.0	19.2	0.88	1630	1.23	0.01	0.28
C332032		19.3	2.33	5.58	0.06	<0.02	0.02	0.022	0.11	18.0	9.2	0.35	400	0.99	0.01	0.41
C332033		50.4	3.68	4.39	0.08	0.09	0.04	0.037	0.14	24.0	15.1	0.80	1195	0.94	0.01	0.32
C332034		55.8	3.64	5.03	0.08	0.06	0.06	0.048	0.13	15.3	14.5	0.70	1425	1.15	0.01	0.52
C332035		37.2	2.53	3.37	0.09	0.02	0.02	0.018	0.11	31.1	11.4	0.73	642	0.64	<0.01	0.13
C332036		70.4	5.02	3.20	0.11	0.08	0.03	0.063	0.11	24.7	8.3	0.63	3200	1.08	<0.01	0.17
C332037		47.9	3.22	3.66	0.09	0.06	0.04	0.037	0.09	24.7	11.0	0.77	1015	1.07	<0.01	0.28
C332038		45.1	3.89	5.96	0.07	0.05	0.03	0.046	0.16	18.4	14.3	0.71	921	1.28	<0.01	0.44
C332039		67.6	4.13	4.18	0.09	0.09	0.04	0.060	0.10	22.0	11.0	0.66	1435	1.15	0.01	0.33
C332040		253.0	6.92	4.60	0.12	0.12	0.08	0.105	0.10	20.8	13.0	0.79	3470	1.50	0.01	0.34
C332041		117.0	4.49	5.35	0.09	0.06	0.05	0.061	0.10	18.4	15.4	0.68	1300	1.55	0.01	0.65
C332042		28.8	3.54	5.81	0.07	<0.02	0.03	0.033	0.06	15.4	12.8	0.42	777	1.42	0.01	1.11
C332043		139.5	6.52	3.58	0.11	0.11	0.06	0.063	0.07	19.1	8.0	0.40	3490	1.14	0.01	0.45
C332044		96.6	5.79	2.93	0.09	0.10	0.04	0.063	0.07	16.4	5.8	0.40	2500	0.94	0.01	0.33
C332045		68.7	4.50	4.25	0.11	0.10	0.09	0.061	0.17	22.0	19.2	1.51	1740	1.91	0.01	0.40
C332046		36.0	3.46	3.79	0.10	0.06	0.06	0.054	0.11	13.6	18.3	0.95	1235	1.25	0.01	0.37
C332047		60.0	4.58	3.91	0.13	0.10	0.06	0.070	0.12	20.2	20.4	1.16	2150	1.47	0.01	0.31
C332048		49.7	2.87	2.22	0.08	0.06	0.06	0.039	0.09	17.4	9.2	1.79	2490	0.74	0.01	0.26
C332049		50.1	5.06	4.07	0.15	0.12	0.08	0.081	0.14	18.5	24.4	1.63	2760	1.65	0.01	0.24
C332050		51.1	5.12	3.85	0.13	0.09	0.08	0.091	0.14	19.0	34.2	1.78	3200	1.66	0.03	0.36
C202501		41.4	4.58	4.13	0.10	0.05	0.08	0.068	0.11	19.8	24.4	0.85	2490	1.55	0.02	0.57
C202502		40.3	3.86	2.88	0.08	0.03	0.05	0.056	0.08	12.7	15.9	0.89	3200	1.75	0.03	0.28
C202503		68.0	4.13	2.97	0.10	0.07	0.05	0.057	0.10	19.3	15.6	0.75	2770	2.06	0.03	0.61
C202504		237.0	10.60	7.71	0.18	0.20	0.21	0.179	0.21	38.9	39.5	1.54	6340	4.18	0.04	0.81
C202505		147.5	6.83	4.77	0.13	0.10	0.13	0.114	0.11	20.0	21.9	0.87	4510	2.36	0.03	0.58
C202506		54.2	3.23	3.76	0.11	0.11	0.09	0.056	0.18	23.7	19.8	2.48	1670	1.84	0.03	0.34
C202507		42.2	2.37	3.18	0.08	0.09	0.04	0.039	0.24	17.9	18.7	3.77	1100	1.47	0.03	0.23
C202508		135.0	3.79	3.59	0.10	0.08	0.08	0.062	0.20	18.5	20.4	3.05	2260	1.82	0.03	0.37
C202509		41.2	3.96	3.65	0.09	0.05	0.06	0.060	0.15	20.5	21.2	1.09	1500	1.26	0.01	0.44
C202510		44.2	3.90	4.12	0.10	0.06	0.05	0.059	0.15	22.1	26.3	1.06	1445	1.42	0.01	0.48
C202511		52.3	3.88	4.51	0.11	0.08	0.04	0.043	0.17	21.2	28.9	2.03	1415	1.65	0.02	0.32
C202512		49.1	4.69	5.81	0.08	<0.02	0.02	0.041	0.16	17.7	23.1	0.98	627	1.89	0.02	0.51
C202513		54.6	5.60	5.39	0.08	0.02	0.06	0.069	0.11	17.1	30.3	0.98	1970	2.03	0.02	0.65
C202514		44.3	5.94	3.71	0.12	0.05	0.10	0.063	0.11	17.7	21.9	1.94	4530	2.81	0.02	0.37
C202515		29.7	2.57	1.98	0.08	0.04	0.06	0.055	0.14	15.0	13.7	5.65	1610	1.43	0.03	0.22
C202516		23.9	3.56	1.69	0.10	0.03	0.06	0.058	0.10	16.1	11.4	2.00	2700	1.58	0.02	0.17
C202517		20.2	4.26	1.38	0.08	0.02	0.07	0.053	0.08	11.9	8.7	3.14	3800	1.55	0.03	0.16
C202518		74.5	4.98	2.24	0.09	0.05	0.12	0.077	0.11	16.2	11.5	3.31	3390	3.27	0.03	0.25
C202519		257.0	8.84	4.35	0.13	0.12	0.12	0.163	0.11	17.3	19.8	1.07	2530	2.52	0.01	0.43
C202520		42.0	5.16	3.60	0.09	0.04	0.08	0.071	0.10	18.4	19.0	0.83	2580	1.32	0.02	0.40

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 10-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06088249

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C332031		34.8	390	15.0	13.9	<0.001	0.02	1.55	3.8	0.5	0.3	5.1	<0.01	0.06	7.2	0.016
C332032		11.9	640	8.6	16.0	<0.001	0.06	0.65	1.2	0.4	0.5	6.4	<0.01	0.03	0.7	0.013
C332033		33.5	340	11.8	14.5	<0.001	0.02	1.23	2.6	0.6	0.3	3.3	<0.01	0.05	7.8	0.009
C332034		25.9	1090	17.0	16.5	<0.001	0.09	1.06	3.1	0.8	0.4	12.0	<0.01	0.06	2.2	0.018
C332035		22.6	220	11.3	10.1	<0.001	0.01	0.97	1.9	0.5	0.2	1.8	<0.01	0.03	7.0	0.007
C332036		30.7	380	23.8	9.1	<0.001	0.02	1.33	3.8	0.7	0.2	5.5	<0.01	0.05	7.6	0.010
C332037		26.7	350	10.0	9.5	<0.001	0.02	0.99	2.4	0.4	0.2	4.0	<0.01	0.04	5.9	0.013
C332038		23.4	770	11.8	19.8	<0.001	0.04	1.12	2.2	0.4	0.4	6.7	<0.01	0.05	3.3	0.011
C332039		28.5	510	19.2	13.0	<0.001	0.03	1.09	3.3	0.8	0.3	6.0	<0.01	0.04	5.4	0.012
C332040		39.0	500	21.6	13.1	<0.001	0.03	1.19	6.8	0.8	0.3	6.9	<0.01	0.08	6.5	0.014
C332041		32.0	600	18.9	15.9	<0.001	0.03	1.71	4.9	0.8	0.5	7.6	<0.01	0.06	3.4	0.025
C332042		18.3	290	16.8	12.7	<0.001	0.02	0.83	2.6	0.4	0.6	7.6	<0.01	0.05	3.9	0.033
C332043		36.2	450	18.0	9.6	<0.001	0.03	1.12	6.0	0.7	0.3	6.9	0.01	0.04	4.7	0.019
C332044		29.8	590	21.1	8.5	<0.001	0.04	1.06	5.1	0.8	0.2	5.4	<0.01	0.04	3.5	0.015
C332045		42.8	880	91.3	19.3	<0.001	0.03	1.93	6.6	0.8	0.3	10.4	<0.01	0.06	4.1	0.023
C332046		24.9	840	51.9	15.8	<0.001	0.08	1.31	4.3	1.0	0.3	12.0	<0.01	0.05	1.7	0.022
C332047		34.7	810	64.0	17.1	<0.001	0.06	1.61	5.5	1.1	0.3	9.3	<0.01	0.06	2.4	0.020
C332048		23.3	510	40.9	9.0	<0.001	0.03	1.01	3.5	0.4	0.2	11.9	<0.01	0.03	3.7	0.014
C332049		34.9	1010	49.4	19.9	<0.001	0.08	1.58	5.7	1.2	0.2	10.2	0.01	0.05	2.5	0.019
C332050		34.1	970	42.3	19.7	<0.001	0.11	1.71	6.0	1.0	0.3	10.8	0.01	0.06	2.9	0.020
C202501		31.7	720	45.1	15.6	<0.001	0.09	1.35	5.3	1.0	0.4	10.3	0.01	0.06	2.0	0.026
C202502		24.8	1150	51.5	11.2	<0.001	0.19	1.34	2.6	0.9	0.2	8.8	0.01	0.06	0.7	0.011
C202503		34.8	840	48.4	10.5	<0.001	0.09	2.20	4.5	0.6	0.3	14.0	0.01	0.05	5.0	0.029
C202504		83.5	1720	124.0	26.8	<0.001	0.17	3.84	11.2	2.0	0.7	24.4	0.01	0.15	7.0	0.039
C202505		50.3	1030	46.0	16.0	<0.001	0.11	1.98	7.0	1.5	0.4	15.4	0.01	0.10	3.8	0.029
C202506		34.1	810	53.1	17.1	0.001	0.07	1.63	5.0	0.9	0.3	11.8	0.01	0.06	5.7	0.017
C202507		28.3	680	52.5	16.8	<0.001	0.07	1.48	4.0	0.4	0.2	19.3	<0.01	0.04	5.6	0.010
C202508		33.7	750	56.3	17.7	<0.001	0.07	1.93	5.1	0.4	0.3	14.9	<0.01	0.05	4.8	0.016
C202509		32.7	730	53.0	15.0	<0.001	0.05	1.51	5.0	0.8	0.3	7.5	<0.01	0.05	2.8	0.020
C202510		35.4	720	58.2	17.3	<0.001	0.05	1.66	5.6	0.7	0.3	8.5	<0.01	0.05	3.0	0.021
C202511		34.3	570	35.5	15.2	<0.001	0.05	1.64	5.1	0.6	0.3	6.9	<0.01	0.04	4.0	0.014
C202512		23.5	600	28.0	20.7	<0.001	0.05	1.69	1.5	0.3	0.4	5.7	<0.01	0.03	0.9	0.019
C202513		33.3	1010	34.5	16.3	<0.001	0.08	1.37	4.6	0.6	0.5	9.6	<0.01	0.06	2.3	0.028
C202514		34.5	1150	57.1	17.8	<0.001	0.08	1.34	4.4	1.0	0.3	11.3	<0.01	0.05	1.7	0.018
C202515		21.0	840	37.6	10.8	<0.001	0.05	1.28	4.3	0.6	0.2	21.5	<0.01	0.04	2.6	0.008
C202516		21.6	1350	15.6	11.3	<0.001	0.13	1.43	2.6	0.9	0.2	10.8	<0.01	0.05	0.6	0.007
C202517		18.7	1240	13.0	9.5	<0.001	0.13	0.95	2.0	1.1	0.2	11.1	<0.01	0.04	0.4	0.007
C202518		32.9	1370	37.6	11.4	<0.001	0.07	2.00	4.1	1.3	0.2	15.2	<0.01	0.05	1.7	0.011
C202519		58.5	1030	36.8	13.3	<0.001	0.08	3.40	8.5	1.5	0.3	12.6	0.01	0.04	3.4	0.018
C202520		27.1	1060	30.2	13.0	<0.001	0.07	1.44	4.8	0.8	0.3	8.7	0.01	0.04	1.7	0.022

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 10-OCT-2006
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CERTIFICATE OF ANALYSIS VA06088249

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C332031		0.10	1.10	20	0.09	12.10	60	0.8
C332032		0.13	0.51	29	0.13	2.74	44	<0.5
C332033		0.08	0.68	18	0.08	6.20	44	2.5
C332034		0.11	0.91	29	0.12	13.65	74	1.6
C332035		0.05	0.52	12	<0.05	5.54	43	0.8
C332036		0.11	1.05	14	0.06	18.40	56	2.6
C332037		0.06	1.04	17	0.08	7.74	33	1.7
C332038		0.12	0.65	28	0.15	4.63	48	1.3
C332039		0.08	1.27	21	0.10	10.75	53	2.3
C332040		0.10	1.54	31	0.12	22.40	61	3.0
C332041		0.23	2.32	39	0.19	13.70	71	1.6
C332042		0.13	0.57	48	0.21	3.97	62	0.7
C332043		0.10	0.80	27	0.15	23.20	77	2.9
C332044		0.07	0.72	22	0.10	21.40	73	2.3
C332045		0.27	0.72	35	0.11	21.40	172	2.4
C332046		0.20	1.02	30	0.07	14.85	133	1.5
C332047		0.18	0.76	33	0.09	27.50	130	2.1
C332048		0.09	0.45	16	0.07	14.95	103	1.5
C332049		0.28	0.72	30	0.09	29.00	111	2.3
C332050		0.29	0.72	29	0.08	28.50	112	2.3
C202501		0.19	1.19	41	0.12	25.70	113	1.3
C202502		0.22	0.82	31	0.05	18.05	143	1.1
C202503		0.34	0.89	29	0.14	16.95	123	2.7
C202504		0.55	2.36	64	0.23	58.90	268	5.2
C202505		0.34	1.51	35	0.12	35.60	114	2.7
C202506		0.23	0.71	27	0.08	19.85	108	2.9
C202507		0.18	0.49	19	<0.05	11.45	124	4.6
C202508		0.21	0.67	28	0.06	19.20	118	2.9
C202509		0.19	0.68	33	0.08	19.75	125	1.6
C202510		0.19	0.72	33	0.08	21.50	125	1.8
C202511		0.17	0.55	27	0.05	17.25	79	2.4
C202512		0.29	0.54	36	0.08	3.20	63	<0.5
C202513		0.31	1.13	47	0.12	16.00	77	0.9
C202514		0.45	0.86	59	0.10	25.90	116	1.4
C202515		0.16	0.52	18	<0.05	16.85	87	1.5
C202516		0.18	0.63	24	<0.05	27.00	75	0.9
C202517		0.18	0.59	28	<0.05	22.00	85	0.7
C202518		0.57	1.01	32	0.10	21.10	87	1.6
C202519		0.44	1.61	30	0.12	30.00	93	3.1
C202520		0.21	0.92	38	0.11	23.90	96	1.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C202521		0.50	<0.005	0.29	2.18	17.5	<10	110	1.07	1.15	0.29	0.13	36.40	20.6	31	3.36
C202522		0.32	0.005	0.48	1.43	17.1	<10	170	0.90	2.08	1.21	0.74	35.10	14.9	17	1.36
C202523		0.34	<0.005	0.10	0.76	7.4	10	110	0.52	0.30	2.63	0.27	29.90	8.3	9	0.52
C202524		0.42	<0.005	0.11	1.69	10.9	<10	120	0.65	0.49	0.46	0.23	28.50	11.6	24	2.01
C202525		0.42	<0.005	0.24	1.28	13.7	<10	120	1.13	0.60	0.91	0.28	34.80	15.8	19	2.00
C202526		0.64	<0.005	0.52	1.11	19.3	10	80	0.73	1.42	6.91	0.24	29.60	14.3	13	1.13
C202527		0.44	0.009	0.87	1.39	37.9	10	210	0.85	2.44	1.14	0.30	39.10	16.3	19	1.97
C202528		0.34	0.005	1.00	0.94	20.0	10	130	0.78	1.14	1.80	0.34	30.30	13.2	11	1.22
C202529		0.52	0.008	0.90	0.78	32.4	10	90	0.79	2.17	5.75	0.36	38.00	13.7	11	1.43
C202530		0.48	0.007	0.86	0.71	32.7	10	90	0.70	2.27	6.47	0.34	40.50	13.3	10	1.53

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06088249

Sample Description	Method Analyte Units LOR	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
C202521		82.1	5.27	5.56	0.09	0.05	0.06	0.091	0.11	19.0	23.6	0.90	705	1.23	0.02	0.88
C202522		45.1	6.87	3.73	0.10	0.03	0.08	0.102	0.09	15.8	10.9	0.68	6440	2.07	0.02	0.37
C202523		19.7	3.92	1.68	0.08	0.02	0.06	0.055	0.06	14.4	5.7	1.06	3040	1.30	0.03	0.26
C202524		17.9	3.83	4.59	0.06	<0.02	0.06	0.048	0.09	12.9	17.0	0.61	1055	1.16	0.02	0.69
C202525		36.2	4.56	3.34	0.09	0.04	0.07	0.069	0.10	16.9	14.2	0.64	2500	1.56	0.02	0.33
C202526		52.7	4.62	2.53	0.07	0.08	0.05	0.080	0.14	14.3	13.0	4.55	3360	1.83	0.02	0.27
C202527		89.6	4.74	3.47	0.10	0.07	0.10	0.091	0.15	20.4	17.1	1.27	2310	2.08	0.02	0.40
C202528		51.7	4.35	2.37	0.08	0.03	0.10	0.083	0.09	14.5	9.5	0.75	3240	1.64	0.02	0.24
C202529		88.2	4.28	2.08	0.09	0.05	0.08	0.080	0.13	19.3	11.4	3.58	3010	3.49	0.02	0.28
C202530		86.3	4.09	2.10	0.10	0.08	0.11	0.077	0.11	21.6	10.0	3.99	3020	3.41	0.02	0.24

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06088249

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C202521		34.6	590	33.0	18.3	<0.001	0.04	1.05	7.6	0.7	0.5	10.5	<0.01	0.06	3.9	0.028
C202522		25.5	950	41.1	12.9	<0.001	0.11	1.24	3.9	0.9	0.3	11.2	<0.01	0.06	1.1	0.016
C202523		17.8	1000	15.0	6.6	<0.001	0.16	1.00	2.5	1.1	0.2	10.3	<0.01	0.05	0.4	0.013
C202524		19.0	990	25.4	15.5	<0.001	0.09	0.78	3.1	0.4	0.5	10.2	<0.01	0.05	1.0	0.025
C202525		26.4	1280	35.3	15.1	<0.001	0.11	1.27	4.2	1.1	0.3	9.8	<0.01	0.05	1.1	0.016
C202526		25.9	660	32.0	10.7	<0.001	0.06	1.35	3.7	0.5	0.2	12.6	<0.01	0.03	2.8	0.010
C202527		39.4	930	37.7	14.6	<0.001	0.05	2.70	6.3	0.9	0.3	9.6	<0.01	0.05	2.8	0.016
C202528		23.0	1500	20.1	9.6	<0.001	0.17	1.95	2.7	1.3	0.2	11.5	<0.01	0.07	0.6	0.010
C202529		37.8	1210	78.9	10.5	<0.001	0.05	3.81	4.7	1.0	0.2	20.7	<0.01	0.06	3.9	0.010
C202530		37.1	1200	73.2	10.3	0.001	0.04	3.46	4.5	1.3	0.2	23.1	<0.01	0.07	4.6	0.011

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 10-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06088249

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C202521		0.27	1.70	48	0.13	21.40	97	1.5
C202522		0.40	1.15	47	0.08	20.80	131	0.9
C202523		0.13	0.60	24	0.05	23.70	122	0.6
C202524		0.21	0.74	45	0.12	9.82	107	0.5
C202525		0.27	0.78	30	0.09	20.90	108	1.2
C202526		0.51	0.77	33	0.06	14.35	80	2.4
C202527		0.25	0.83	33	0.09	23.20	120	1.7
C202528		0.17	0.71	25	0.05	23.00	121	0.9
C202529		0.48	1.05	27	0.06	19.90	122	1.7
C202530		0.46	1.10	25	0.09	21.60	116	1.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE VA06088248

Project: Werneckes

P.O. No.: FRG06-01

This report is for 120 Soil samples submitted to our lab in Vancouver, BC, Canada on 23-AUG-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL	ROBIN BLACK	DAVID C
I DUNLOP	SCOTT HEFFERNAN	RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
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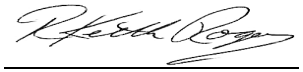
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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CERTIFICATE OF ANALYSIS VA06088248

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C203607		0.58	0.034	0.10	1.34	11.0	<10	370	1.14	0.84	0.48	0.15	74.20	31.9	19	0.82
C203608		0.32	0.023	0.06	0.80	8.4	<10	310	0.49	0.90	1.83	0.08	28.50	43.3	8	1.01
C203609		0.38	0.019	0.06	0.87	6.1	<10	180	0.50	1.15	0.85	0.06	55.90	35.5	10	1.02
C203610		0.60	<0.005	0.03	1.10	1.8	<10	20	0.25	0.08	0.06	0.04	50.10	14.1	23	2.90
C203611		0.56	<0.005	0.03	1.10	1.6	<10	20	0.24	0.07	0.06	0.04	46.00	13.0	23	2.74
C203612		0.58	<0.005	0.05	1.84	1.8	<10	60	1.26	0.24	0.14	0.04	311.00	21.8	27	4.54
C203613		0.58	0.005	0.01	1.65	0.8	<10	10	0.25	0.05	0.09	0.02	94.00	11.9	35	3.55
C203614		0.56	<0.005	0.04	2.11	1.2	<10	20	0.49	0.35	0.11	0.02	204.00	17.1	33	4.34
C203615		0.50	0.008	0.06	1.69	1.1	<10	20	0.26	0.17	0.07	0.03	68.80	12.7	27	3.86
C203616		0.58	<0.005	0.01	1.70	0.8	<10	30	0.38	0.12	0.19	0.01	174.50	13.6	24	4.03
C203617		0.46	<0.005	0.02	1.33	1.6	<10	20	0.20	0.28	0.05	0.05	49.00	11.6	24	5.91
C203618		0.60	<0.005	0.03	1.84	1.3	<10	40	0.45	0.26	0.14	0.03	153.50	15.2	28	4.53
C203619		0.48	<0.005	0.04	1.65	2.0	<10	30	0.34	0.29	0.06	0.07	76.30	12.6	26	4.14
C203620		0.46	<0.005	0.05	1.19	2.0	<10	30	0.29	0.19	0.06	0.10	74.30	9.8	24	2.42
C203621		0.48	<0.005	0.02	1.42	3.5	<10	30	0.31	0.29	0.08	0.07	82.80	12.3	26	3.53
C203622		0.42	0.005	0.07	1.88	8.9	<10	160	1.05	0.48	0.16	0.16	57.80	17.3	27	3.26
C203623		0.36	<0.005	0.11	1.83	8.7	<10	90	0.55	0.32	0.19	0.13	53.60	17.3	31	2.16
C203624		0.46	<0.005	0.06	1.38	8.0	<10	190	0.57	0.29	0.21	0.18	39.70	10.5	22	1.95
C203625		0.42	<0.005	0.35	1.20	6.6	<10	50	0.49	0.31	0.03	0.12	47.40	6.6	23	2.50
C203626		0.46	<0.005	0.09	1.44	2.5	<10	40	0.34	0.25	0.06	0.05	42.50	10.0	26	3.87
C203627		0.48	<0.005	0.12	1.61	8.6	<10	110	0.59	0.36	0.11	0.12	92.00	9.2	27	3.56
C203628		0.66	<0.005	0.05	1.93	1.5	<10	70	0.66	0.20	0.22	0.04	67.30	13.2	32	3.59
C203629		0.52	0.005	0.21	1.91	19.8	<10	110	0.99	1.17	0.49	0.31	81.50	17.7	31	2.78
C203630		0.48	0.030	1.25	2.26	108.0	<10	90	1.87	3.87	0.37	0.91	90.90	88.4	24	5.42
C203631		0.50	0.073	1.14	2.21	108.0	<10	70	1.71	3.82	0.35	0.81	83.60	82.6	24	5.06
C203632		0.42	0.012	0.28	2.19	17.4	<10	70	1.38	0.53	0.06	0.15	48.90	18.8	27	3.04
C203633		0.56	<0.005	0.06	2.12	4.6	<10	40	1.41	0.30	0.15	0.11	79.90	13.2	39	2.79
C203634		0.48	<0.005	0.06	1.03	1.7	<10	60	0.56	0.21	0.19	0.06	51.10	6.2	19	3.15
C203635		0.60	<0.005	0.04	1.72	4.8	<10	40	0.40	0.30	0.08	0.09	53.20	12.0	29	9.62
C203636		0.54	<0.005	0.05	1.36	1.9	<10	20	0.36	0.25	0.10	0.03	48.70	10.6	29	4.99
C203637		0.42	<0.005	0.08	1.74	9.5	<10	140	1.46	1.20	0.34	0.16	112.00	16.0	23	2.44
C203638		0.50	<0.005	0.06	2.20	22.5	<10	120	1.14	0.54	0.06	0.14	112.00	23.2	31	2.95
C203639		0.42	<0.005	0.07	1.68	29.9	<10	70	0.78	0.63	0.06	0.14	88.00	18.3	28	2.79
C203640		0.40	<0.005	0.04	1.00	7.1	<10	30	0.26	0.27	0.02	0.05	71.50	5.2	23	3.13
C203641		0.44	<0.005	0.03	1.41	5.5	<10	30	0.35	0.17	0.04	0.08	93.50	9.6	32	3.57
C203642		0.40	<0.005	0.07	0.90	3.5	<10	40	0.30	0.16	0.03	0.10	89.20	4.8	22	4.98
C203643		0.52	<0.005	0.05	0.89	5.9	<10	30	0.21	0.26	0.03	0.06	80.90	5.1	25	3.63
C203644		0.38	<0.005	0.04	0.50	1.6	<10	70	0.24	0.09	0.04	0.06	99.30	1.6	16	2.80
C203645		0.40	<0.005	0.09	1.56	8.9	<10	820	1.59	1.12	1.26	0.13	82.90	15.6	19	1.14
C203646		0.48	<0.005	0.08	1.75	18.9	<10	100	1.03	0.61	0.12	0.12	52.10	11.9	32	5.50

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CERTIFICATE OF ANALYSIS VA06088248

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C203607		23.8	5.47	4.30	0.12	0.12	0.06	0.128	0.08	36.4	19.3	0.77	5880	11.85	0.01	0.32
C203608		57.2	2.38	1.91	0.06	0.11	0.05	0.045	0.03	23.3	9.3	0.74	1180	9.21	0.01	0.26
C203609		92.4	2.95	2.42	0.07	0.07	0.03	0.034	0.04	35.4	11.2	0.65	556	5.04	0.01	0.27
C203610		11.0	3.19	3.24	0.08	<0.02	0.02	0.006	0.03	19.1	18.7	0.53	258	1.11	0.01	0.06
C203611		10.0	3.21	2.89	0.07	<0.02	0.02	0.005	0.04	18.2	18.3	0.53	258	0.89	0.01	0.05
C203612		52.9	3.55	5.51	0.20	0.06	0.06	0.009	0.05	114.0	33.1	0.92	759	0.85	0.01	<0.05
C203613		1.2	4.08	4.52	0.11	<0.02	0.01	0.005	0.02	39.1	34.1	0.95	254	0.23	0.01	<0.05
C203614		80.1	3.87	5.78	0.14	0.03	0.03	0.010	0.04	85.1	40.8	0.97	452	0.24	0.01	<0.05
C203615		2.2	3.04	4.65	0.09	0.02	0.02	0.007	0.02	25.8	30.7	0.87	288	0.22	0.01	<0.05
C203616		32.9	2.99	4.51	0.10	0.06	0.01	0.006	0.04	65.0	29.0	0.78	445	0.22	0.01	<0.05
C203617		6.2	2.57	4.16	0.05	<0.02	0.02	0.007	0.03	19.2	16.8	0.63	361	0.60	0.01	0.11
C203618		125.5	3.19	4.78	0.11	0.06	0.02	0.010	0.04	66.4	25.2	0.80	505	0.39	0.01	0.06
C203619		39.6	3.16	4.89	0.08	<0.02	0.03	0.015	0.03	30.6	23.6	0.77	452	0.57	0.01	0.18
C203620		10.3	2.54	4.41	0.07	<0.02	0.03	0.009	0.04	28.1	15.9	0.54	393	1.14	0.01	0.22
C203621		13.3	3.15	4.67	0.08	<0.02	0.02	0.011	0.04	33.3	22.7	0.66	368	0.81	0.01	0.27
C203622		92.7	3.85	7.29	0.06	<0.02	0.05	0.031	0.06	17.2	34.7	0.53	470	2.49	0.01	1.38
C203623		92.9	3.88	7.27	0.07	<0.02	0.08	0.030	0.03	14.1	19.7	0.59	603	1.79	0.01	0.37
C203624		24.7	2.85	5.02	0.05	<0.02	0.06	0.020	0.05	16.4	18.7	0.35	583	1.95	0.01	0.94
C203625		13.3	3.53	6.95	0.07	0.03	0.04	0.019	0.04	23.6	14.1	0.39	239	1.77	0.01	0.58
C203626		8.6	2.85	5.51	0.06	0.02	0.02	0.012	0.03	20.2	19.7	0.58	332	0.52	0.01	0.24
C203627		47.1	3.24	6.57	0.10	0.03	0.04	0.023	0.07	56.5	21.3	0.51	415	1.61	0.01	0.70
C203628		5.5	3.40	5.74	0.08	0.04	0.01	0.019	0.05	34.2	34.7	0.87	624	0.25	0.01	0.30
C203629		131.5	3.94	5.67	0.08	0.07	0.02	0.053	0.06	41.1	36.7	1.04	1410	1.73	0.01	0.15
C203630		1240.0	5.87	8.90	0.11	0.05	0.05	0.184	0.11	40.6	41.6	1.32	2690	9.67	0.01	0.61
C203631		1160.0	5.87	8.28	0.11	0.05	0.04	0.176	0.10	37.9	37.6	1.28	2610	9.22	0.01	0.57
C203632		257.0	3.90	8.90	0.07	0.03	0.06	0.045	0.08	25.6	32.1	0.67	919	2.82	0.01	1.20
C203633		30.1	3.39	10.00	0.11	0.03	0.04	0.030	0.06	30.4	38.3	1.07	725	1.12	0.01	2.11
C203634		22.5	2.07	4.74	0.07	0.02	0.03	0.010	0.05	36.6	12.6	0.36	239	0.74	0.01	0.20
C203635		7.2	4.35	6.91	0.08	0.04	0.04	0.019	0.05	28.5	29.8	0.64	580	1.07	0.01	0.49
C203636		1.6	3.64	5.24	0.08	0.02	0.03	0.009	0.03	23.4	25.1	0.58	437	0.28	0.01	0.07
C203637		24.6	4.58	6.72	0.12	0.07	0.03	0.055	0.08	50.6	22.1	0.57	1840	1.61	0.01	0.27
C203638		76.1	4.37	7.15	0.10	0.05	0.04	0.040	0.10	49.2	30.4	0.54	1010	1.20	0.01	0.36
C203639		42.3	4.70	8.05	0.11	0.03	0.05	0.039	0.09	40.8	29.2	0.39	680	1.85	0.01	0.56
C203640		9.0	3.82	6.75	0.10	<0.02	0.03	0.010	0.05	36.6	8.0	0.27	155	1.24	0.01	0.42
C203641		4.9	4.55	5.96	0.10	0.03	0.04	0.017	0.04	38.8	20.8	0.55	192	0.68	0.01	0.43
C203642		5.4	2.85	5.54	0.08	<0.02	0.05	0.012	0.04	36.7	7.9	0.23	174	0.59	0.01	0.17
C203643		7.3	3.98	7.65	0.10	0.02	0.04	0.012	0.04	37.4	6.7	0.22	196	1.00	0.01	0.40
C203644		3.6	1.82	3.86	0.09	<0.02	0.03	0.005	0.04	46.3	1.9	0.05	73	0.63	0.01	0.09
C203645		28.1	2.57	5.91	0.15	0.12	0.05	0.034	0.08	95.6	16.0	0.64	1310	1.57	0.02	0.15
C203646		27.6	4.31	7.96	0.09	0.02	0.04	0.023	0.08	24.3	24.7	0.59	770	8.40	0.01	0.58

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06088248

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C203607		44.9	740	9.7	10.5	<0.001	0.06	0.74	10.8	1.1	0.3	8.6	0.01	0.46	14.2	0.022
C203608		13.4	960	3.9	4.0	<0.001	0.14	0.41	1.9	2.3	0.3	15.7	<0.01	0.41	3.6	0.008
C203609		15.7	610	2.8	5.8	<0.001	0.07	0.30	2.3	1.5	0.4	8.0	<0.01	0.59	8.1	0.009
C203610		24.3	570	3.5	6.2	<0.001	0.02	0.38	1.1	<0.2	0.3	1.5	<0.01	0.03	13.2	0.032
C203611		22.0	570	3.6	5.7	<0.001	0.02	0.37	1.0	<0.2	0.3	1.5	<0.01	0.03	13.9	0.033
C203612		38.6	830	5.4	6.7	<0.001	0.03	0.36	2.2	<0.2	0.2	2.4	<0.01	0.07	32.2	0.014
C203613		36.9	560	1.6	3.5	<0.001	0.01	0.19	1.5	<0.2	0.3	1.6	<0.01	0.01	18.4	0.030
C203614		36.2	670	1.7	5.0	<0.001	0.01	0.35	2.6	<0.2	0.3	2.1	<0.01	0.02	22.0	0.010
C203615		30.8	630	1.6	3.6	<0.001	0.02	0.27	1.7	<0.2	0.2	1.4	<0.01	0.04	14.6	0.007
C203616		32.7	780	2.3	4.0	<0.001	<0.01	0.32	2.2	<0.2	0.2	2.7	0.01	0.01	22.0	0.005
C203617		26.4	600	2.5	4.9	<0.001	0.02	0.33	1.6	0.2	0.2	2.6	<0.01	0.04	12.3	0.008
C203618		32.0	610	2.2	5.4	<0.001	0.01	0.22	2.6	<0.2	0.3	4.3	0.01	0.04	21.9	0.008
C203619		27.3	710	3.8	6.4	<0.001	0.03	0.27	2.1	<0.2	0.3	3.1	<0.01	0.04	14.0	0.010
C203620		22.3	750	4.0	5.5	<0.001	0.04	0.26	1.5	0.3	0.3	2.9	<0.01	0.04	8.4	0.013
C203621		26.7	670	4.9	6.0	<0.001	0.02	0.43	1.6	<0.2	0.3	3.9	<0.01	0.05	10.3	0.017
C203622		21.2	560	11.7	16.0	<0.001	0.05	0.50	2.2	0.2	0.7	8.5	<0.01	0.07	3.1	0.042
C203623		21.3	610	14.3	7.5	<0.001	0.08	0.47	2.3	0.3	0.5	6.1	<0.01	0.11	0.9	0.037
C203624		14.7	470	11.3	12.1	<0.001	0.03	0.44	1.9	<0.2	0.5	8.0	0.01	0.05	4.0	0.026
C203625		17.1	280	15.5	10.5	<0.001	0.01	0.67	2.1	0.3	0.5	4.0	<0.01	0.03	7.3	0.029
C203626		26.2	370	4.5	10.2	<0.001	0.01	0.37	2.1	<0.2	0.4	5.1	<0.01	0.02	6.0	0.017
C203627		20.4	630	11.7	13.6	<0.001	0.03	0.54	3.1	0.3	0.5	8.3	<0.01	0.05	3.0	0.027
C203628		36.2	570	2.5	11.4	<0.001	0.01	0.38	3.3	<0.2	0.4	7.3	<0.01	0.01	16.0	0.021
C203629		33.8	750	41.6	13.6	<0.001	0.04	0.80	3.6	0.5	0.3	7.8	<0.01	0.03	14.6	0.016
C203630		59.2	1320	232.0	21.6	<0.001	0.08	4.39	5.8	0.6	0.4	6.9	0.01	0.44	13.3	0.019
C203631		55.4	1330	210.0	20.3	<0.001	0.08	4.25	5.1	0.8	0.4	6.5	0.01	0.44	12.4	0.019
C203632		26.7	690	14.6	24.7	<0.001	0.03	0.92	3.2	0.2	0.6	5.8	<0.01	0.13	4.9	0.031
C203633		33.4	640	5.9	17.3	<0.001	0.02	0.53	5.1	<0.2	0.9	7.1	0.01	0.07	6.6	0.102
C203634		16.6	450	2.0	16.5	<0.001	0.02	0.25	1.4	<0.2	0.4	5.5	<0.01	0.04	3.0	0.013
C203635		28.1	640	7.8	13.0	<0.001	0.01	0.43	2.5	<0.2	0.4	7.1	<0.01	0.05	15.2	0.023
C203636		25.5	1140	2.5	8.0	<0.001	0.01	0.31	1.9	<0.2	0.4	6.7	<0.01	0.04	19.0	0.018
C203637		25.6	770	7.1	15.3	<0.001	0.05	0.38	2.8	0.2	0.4	7.0	<0.01	0.03	11.1	0.009
C203638		30.4	630	7.9	18.8	<0.001	0.02	0.50	3.3	<0.2	0.5	6.0	<0.01	0.05	11.0	0.010
C203639		18.2	570	6.6	17.3	<0.001	0.03	0.59	2.4	0.2	0.5	5.1	<0.01	0.05	9.3	0.013
C203640		14.5	540	5.0	10.2	<0.001	0.01	0.61	1.4	0.3	0.5	3.5	<0.01	0.03	7.4	0.028
C203641		26.9	510	6.3	10.1	<0.001	0.01	0.63	2.2	0.3	0.4	4.0	0.02	0.03	13.6	0.029
C203642		13.3	440	4.9	12.4	<0.001	0.02	0.48	1.1	0.4	0.5	3.5	<0.01	0.03	2.4	0.022
C203643		12.7	490	6.1	11.0	<0.001	0.01	0.70	1.5	0.3	0.6	4.0	<0.01	0.03	4.0	0.041
C203644		4.7	410	2.1	11.2	<0.001	0.02	0.27	0.8	<0.2	0.5	3.8	<0.01	0.01	1.2	0.018
C203645		23.7	1490	5.5	17.5	<0.001	0.12	0.36	4.6	0.7	0.3	21.5	0.01	0.04	6.7	<0.005
C203646		21.6	750	4.3	19.2	<0.001	0.05	0.41	1.4	<0.2	0.5	5.3	<0.01	0.05	1.5	0.027

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CERTIFICATE OF ANALYSIS VA06088248

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C203607		0.10	3.19	32	0.27	26.70	42	2.1
C203608		0.02	13.75	11	0.49	8.78	13	2.7
C203609		0.02	6.38	14	0.61	7.61	9	2.1
C203610		0.05	1.92	22	0.06	2.16	15	<0.5
C203611		0.05	1.89	22	0.06	2.02	15	<0.5
C203612		0.05	4.60	22	0.06	7.74	19	1.0
C203613		<0.02	1.89	32	<0.05	2.31	16	0.5
C203614		0.04	2.40	27	<0.05	7.99	30	0.8
C203615		0.02	2.38	21	<0.05	6.02	37	0.5
C203616		0.02	2.33	20	<0.05	14.45	66	1.6
C203617		0.03	1.71	27	0.05	5.32	59	0.5
C203618		0.03	2.68	25	<0.05	12.00	90	1.0
C203619		0.04	2.02	25	0.24	6.52	56	0.5
C203620		0.04	1.68	25	0.12	4.55	30	<0.5
C203621		0.05	1.86	31	0.11	4.51	39	<0.5
C203622		0.11	1.60	54	0.36	5.33	56	<0.5
C203623		0.11	1.47	92	0.17	5.93	46	<0.5
C203624		0.09	1.58	46	0.21	4.04	42	<0.5
C203625		0.07	1.06	46	0.15	4.63	55	0.6
C203626		0.08	1.38	34	0.08	6.15	62	<0.5
C203627		0.12	2.28	48	0.22	9.30	57	<0.5
C203628		0.06	2.15	33	0.15	11.05	60	<0.5
C203629		0.08	8.85	35	0.06	13.40	228	0.8
C203630		0.10	6.78	38	0.24	17.50	471	0.6
C203631		0.09	4.95	38	0.21	16.05	450	0.5
C203632		0.13	1.98	47	0.32	7.75	89	<0.5
C203633		0.06	1.39	45	0.63	9.76	39	<0.5
C203634		0.07	2.83	25	0.11	10.40	36	<0.5
C203635		0.08	3.17	40	0.11	6.01	65	0.8
C203636		0.05	2.34	35	<0.05	7.50	63	<0.5
C203637		0.11	2.92	32	0.09	10.55	41	1.2
C203638		0.13	1.45	38	0.09	7.04	61	0.6
C203639		0.10	0.81	41	0.11	3.30	47	0.5
C203640		0.08	1.04	46	0.11	2.82	22	<0.5
C203641		0.06	1.15	47	0.11	3.63	25	0.6
C203642		0.09	1.24	38	0.08	3.72	12	<0.5
C203643		0.08	0.98	56	0.16	4.16	19	<0.5
C203644		0.07	0.89	27	0.08	3.94	10	<0.5
C203645		0.08	3.58	19	0.09	29.80	31	1.7
C203646		0.08	1.71	40	0.19	5.05	48	<0.5

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C203647		0.42	<0.005	0.16	1.47	23.6	<10	70	0.94	0.79	0.16	0.31	92.80	14.5	22	3.82
C203648		0.46	<0.005	0.04	0.96	5.5	<10	60	0.57	0.30	0.03	0.10	42.90	5.6	19	6.47
C203649		0.46	<0.005	0.07	0.91	3.9	<10	30	0.37	0.16	0.03	0.09	55.00	6.7	24	4.27
C203650		Not Recvd														
C203651		0.48	<0.005	0.05	1.56	4.7	<10	90	0.89	0.27	0.08	0.08	106.50	13.6	28	7.18
C203652		0.48	<0.005	0.03	1.38	7.4	<10	40	0.67	0.27	0.09	0.09	74.70	9.1	26	5.45
C203653		0.40	<0.005	0.02	1.53	4.4	<10	20	0.27	0.18	0.04	0.04	51.40	9.0	27	4.09
C203654		0.46	<0.005	0.16	1.36	63.5	<10	30	0.28	0.83	0.03	0.10	63.10	8.8	25	3.46
C203655		0.42	<0.005	0.04	1.71	78.4	<10	60	0.70	0.71	0.14	0.17	85.00	42.1	31	2.93
C203656		0.50	<0.005	0.10	1.49	95.6	<10	30	0.33	4.66	0.05	0.07	72.20	14.8	29	1.94
C203657		0.60	<0.005	0.12	2.44	116.5	<10	60	1.07	2.16	0.05	0.13	129.50	77.6	38	2.50
C203658		0.66	0.005	0.15	1.75	17.0	<10	110	0.99	1.36	0.09	0.05	222.00	46.4	21	3.36
C203659		0.60	<0.005	0.15	1.95	18.6	<10	90	0.89	0.64	0.10	0.25	87.20	15.6	27	3.43
C203660		0.52	<0.005	4.53	0.48	200.0	<10	80	0.52	0.55	8.45	0.23	17.45	12.1	7	0.53
C203661		0.36	<0.005	1.62	1.33	105.5	10	110	0.81	0.34	2.70	0.45	32.00	12.5	16	0.90
C203662		0.46	<0.005	1.10	0.88	41.4	<10	130	0.76	0.29	2.61	0.57	33.70	10.7	13	0.55
C203663		0.38	<0.005	8.21	0.34	116.5	<10	100	0.81	0.41	5.22	0.26	25.50	13.3	4	0.33
C203664		0.32	0.006	1.75	0.80	62.1	10	500	1.03	0.67	1.51	0.58	31.50	16.5	18	0.79
C203665		0.46	0.017	0.31	0.32	34.2	<10	1470	0.62	0.83	1.57	0.14	38.50	76.6	6	0.52
C203666		0.38	0.005	5.07	0.30	57.6	<10	190	0.54	0.75	9.81	0.31	18.10	23.1	5	0.45
C203667		0.46	0.169	1.38	0.96	61.2	<10	260	1.42	2.17	1.22	0.30	30.40	87.0	12	0.94
C203668		0.42	0.047	1.69	0.48	99.2	<10	140	1.07	5.60	2.41	0.16	24.40	49.9	6	0.79
C203669		0.44	0.027	1.17	0.77	95.5	<10	1800	1.27	2.90	0.84	0.30	31.70	58.2	10	0.73
C203670		0.46	0.092	0.98	0.37	24.9	<10	1580	0.75	1.04	1.95	0.13	32.90	106.5	7	0.78
C203671		0.50	0.096	0.95	0.39	26.3	<10	1710	0.78	0.98	1.77	0.11	35.90	117.5	7	0.87
C203672		0.58	0.109	1.07	1.10	281.0	<10	430	1.29	3.72	1.01	0.10	43.40	136.0	14	2.10
C203673		0.50	0.081	0.61	0.87	101.0	<10	470	1.57	2.79	0.67	0.04	52.70	114.0	13	2.17
C203674		0.64	<0.005	0.25	0.78	35.8	<10	50	1.46	0.81	0.03	0.07	16.25	25.7	7	3.31
C203675		0.58	<0.005	0.61	1.08	19.2	10	90	2.62	0.73	0.46	0.30	28.40	23.3	8	4.93
C203676		0.50	0.012	0.17	1.20	8.6	<10	200	1.28	0.61	0.59	0.19	41.50	23.4	11	1.48
C203677		0.48	0.005	0.10	1.84	5.2	<10	190	1.43	0.43	0.45	0.18	45.30	21.2	15	0.96
C203678		0.64	<0.005	0.04	1.13	5.1	<10	1550	1.10	0.35	0.11	0.17	42.60	16.5	11	1.31
C203679		0.66	0.005	0.08	1.52	8.9	<10	80	0.83	0.50	0.03	0.15	66.40	19.3	11	2.72
C203680		0.44	0.009	0.05	1.48	8.2	<10	230	0.96	0.54	0.39	0.39	40.50	14.2	15	1.64
C203681		0.44	0.012	0.08	1.46	8.0	<10	60	0.37	0.61	0.04	0.16	50.00	6.5	15	2.06
C203682		0.46	0.019	0.08	1.29	8.5	<10	70	0.39	0.73	0.10	0.17	50.80	6.6	13	1.62
C203683		0.62	0.071	0.05	1.41	7.0	<10	40	0.30	0.65	0.02	0.08	82.20	6.2	12	2.03
C203684		0.58	<0.005	0.05	0.83	6.0	<10	30	0.64	0.77	0.04	0.06	108.00	17.0	8	1.59
C203685		0.78	<0.005	0.07	0.75	8.4	<10	30	0.70	0.82	0.03	0.06	123.00	20.6	8	1.31
C203686		0.70	<0.005	0.08	1.17	14.3	<10	40	1.48	1.40	0.04	0.10	161.50	25.6	10	2.69

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06088248

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C203647		54.2	2.92	5.85	0.05	0.02	0.09	0.027	0.07	17.5	16.9	0.36	843	1.73	0.01	0.72
C203648		7.8	2.14	4.68	0.06	<0.02	0.04	0.013	0.06	21.6	7.7	0.26	176	1.33	0.01	0.09
C203649		3.8	2.89	5.19	0.08	<0.02	0.03	0.007	0.04	27.7	13.1	0.39	94	0.66	0.01	0.25
C203650																
C203651		42.0	3.49	6.25	0.11	0.02	0.03	0.017	0.04	43.6	29.9	0.59	489	1.34	0.01	0.35
C203652		20.3	3.61	6.57	0.09	0.02	0.03	0.021	0.05	32.1	21.8	0.49	252	1.03	0.01	0.65
C203653		47.3	3.83	6.71	0.07	0.05	0.01	0.015	0.03	18.6	25.4	0.54	216	1.52	0.01	0.40
C203654		36.6	5.11	8.35	0.09	<0.02	0.05	0.027	0.04	27.2	12.9	0.31	463	1.97	0.01	0.53
C203655		149.5	4.26	6.13	0.08	0.03	0.04	0.038	0.04	36.3	26.5	0.47	1160	1.95	0.01	0.40
C203656		79.1	5.16	8.13	0.11	0.02	0.05	0.028	0.04	33.6	15.4	0.34	764	1.61	<0.01	0.50
C203657		259.0	5.70	7.52	0.13	0.06	0.02	0.065	0.05	50.2	36.0	0.75	2460	1.82	0.01	0.21
C203658		298.0	3.35	4.91	0.13	0.07	0.03	0.023	0.07	69.3	27.4	0.49	1010	2.24	0.01	1.07
C203659		23.3	4.41	6.16	0.09	0.02	0.04	0.047	0.09	34.6	25.1	0.39	947	1.11	0.01	0.75
C203660		51.5	8.60	1.14	0.11	0.06	1.15	0.072	0.06	8.7	5.8	5.09	1970	1.50	0.02	0.19
C203661		27.0	6.41	3.53	0.16	0.06	0.43	0.057	0.06	16.8	13.7	2.35	2620	1.40	0.02	0.30
C203662		21.8	4.51	2.18	0.06	0.09	0.38	0.057	0.04	15.3	7.4	1.64	2630	1.02	0.01	0.32
C203663		44.0	8.60	0.80	0.09	0.08	2.11	0.059	0.04	12.0	3.2	2.87	3740	0.64	0.01	0.09
C203664		66.4	7.34	2.28	0.10	0.10	0.45	0.107	0.06	15.4	9.5	0.81	2930	3.83	0.01	0.24
C203665		124.5	4.53	1.09	0.07	0.11	0.18	0.154	0.08	19.9	3.7	0.69	3490	4.68	0.02	0.24
C203666		89.8	10.95	0.80	0.12	0.07	1.07	0.138	0.04	8.7	5.1	5.48	3030	5.14	0.02	0.14
C203667		1130.0	8.99	2.45	0.11	0.22	0.23	0.311	0.10	14.9	9.5	0.62	5730	21.10	0.01	0.26
C203668		516.0	9.66	1.33	0.14	0.16	0.39	0.304	0.08	11.6	6.3	1.12	3160	17.15	0.01	0.12
C203669		387.0	8.47	2.32	0.12	0.15	0.37	0.282	0.06	14.6	5.8	0.33	4770	8.09	0.02	0.18
C203670		427.0	5.32	1.05	0.09	0.17	0.30	0.187	0.06	17.3	3.5	0.68	4030	6.36	0.03	0.14
C203671		470.0	5.39	1.11	0.08	0.16	0.34	0.179	0.07	18.5	3.6	0.63	3770	6.42	0.03	0.17
C203672		801.0	8.09	4.28	0.13	0.26	0.26	0.288	0.11	26.1	11.6	0.72	3330	25.30	0.01	0.24
C203673		340.0	8.27	3.39	0.12	0.25	0.21	0.266	0.14	31.1	8.5	0.46	2800	16.30	0.01	0.29
C203674		74.4	2.87	2.10	0.05	0.04	0.05	0.027	0.15	7.5	6.8	0.11	200	1.83	<0.01	0.30
C203675		73.8	3.37	2.67	0.07	0.23	0.10	0.070	0.19	13.7	13.5	0.32	1780	1.24	<0.01	0.07
C203676		95.3	4.65	3.21	0.10	0.12	0.08	0.076	0.07	20.1	18.6	0.80	1220	2.19	0.01	0.14
C203677		42.4	5.26	5.11	0.10	0.13	0.07	0.082	0.10	21.7	31.2	1.24	1640	1.41	0.01	0.15
C203678		35.3	3.83	3.00	0.08	0.10	0.03	0.059	0.07	19.7	15.9	0.48	1430	1.04	0.02	0.21
C203679		40.4	4.11	3.80	0.09	0.08	0.07	0.036	0.07	30.4	16.9	0.23	1830	1.37	<0.01	1.23
C203680		22.8	4.63	4.69	0.07	0.06	0.04	0.063	0.08	15.2	17.7	0.32	1810	1.14	0.01	0.87
C203681		26.2	3.04	5.19	0.07	0.03	0.06	0.024	0.07	24.3	13.6	0.17	524	1.37	<0.01	1.61
C203682		22.2	3.74	5.37	0.07	0.03	0.08	0.018	0.09	23.7	12.2	0.16	489	1.18	<0.01	1.90
C203683		20.1	3.18	5.30	0.08	0.04	0.03	0.017	0.07	38.4	14.6	0.16	384	1.08	<0.01	2.29
C203684		29.1	2.14	2.37	0.10	0.15	<0.01	0.014	0.08	46.9	16.1	0.25	635	0.74	<0.01	0.78
C203685		46.6	2.54	2.12	0.10	0.15	0.01	0.017	0.08	53.4	13.1	0.19	707	1.26	<0.01	1.80
C203686		56.5	2.83	3.20	0.11	0.06	0.01	0.030	0.08	62.6	25.6	0.29	1050	1.44	<0.01	2.53

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	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C203647		19.2	1060	5.6	16.0	<0.001	0.10	0.54	1.0	0.4	0.5	8.1	<0.01	0.06	0.5	0.030
C203648		16.4	810	5.7	13.3	<0.001	0.05	0.68	0.4	0.3	0.4	4.3	<0.01	0.04	0.3	0.008
C203649		22.7	420	3.9	9.0	<0.001	0.02	0.66	1.2	0.3	0.4	4.0	<0.01	0.01	3.4	0.024
C203650																
C203651		30.8	570	8.0	9.4	<0.001	0.01	0.96	2.4	0.2	0.4	6.9	<0.01	0.04	13.6	0.021
C203652		24.6	700	8.3	9.9	<0.001	0.01	0.94	2.5	<0.2	0.4	7.6	<0.01	0.03	10.4	0.034
C203653		20.1	230	5.2	5.5	<0.001	<0.01	0.71	2.4	<0.2	0.3	4.1	<0.01	0.02	12.8	0.013
C203654		14.0	830	7.7	9.2	<0.001	0.02	0.87	1.8	0.3	0.4	4.2	<0.01	0.07	8.6	0.018
C203655		31.7	790	6.4	6.8	<0.001	0.03	0.63	2.3	<0.2	0.3	6.7	<0.01	0.07	8.1	0.019
C203656		17.7	850	6.8	7.1	<0.001	0.02	0.67	1.8	0.2	0.3	4.3	<0.01	0.08	5.3	0.020
C203657		43.9	970	13.2	8.2	<0.001	0.01	1.19	3.7	0.4	0.2	4.2	<0.01	0.10	17.4	0.011
C203658		46.9	540	10.7	10.5	<0.001	0.02	1.11	3.0	0.4	0.2	8.0	0.01	0.06	29.4	0.014
C203659		17.4	630	21.6	14.1	<0.001	0.03	0.70	2.3	0.2	0.4	6.9	<0.01	0.04	9.0	0.023
C203660		46.2	260	100.0	4.9	<0.001	0.09	20.80	3.4	0.3	<0.2	16.8	<0.01	0.03	2.3	0.009
C203661		33.9	480	75.0	8.9	<0.001	0.06	5.64	4.1	0.4	0.3	9.0	0.01	0.04	1.7	0.017
C203662		24.5	400	53.2	5.2	<0.001	0.04	2.99	4.5	0.6	0.2	8.0	0.01	0.04	1.9	0.015
C203663		44.6	480	260.0	3.1	<0.001	0.08	16.85	4.2	1.2	<0.2	10.5	<0.01	0.04	1.7	0.005
C203664		44.1	790	132.0	7.1	0.001	0.09	8.17	4.1	1.1	0.2	7.9	<0.01	0.07	1.3	0.012
C203665		20.9	880	15.3	8.7	<0.001	0.11	2.70	5.8	0.9	0.4	13.3	<0.01	0.11	4.8	0.011
C203666		62.2	460	601.0	3.9	<0.001	0.17	25.00	3.0	0.9	<0.2	16.0	<0.01	0.03	1.7	0.006
C203667		47.7	1090	36.3	12.1	<0.001	0.13	5.07	8.9	2.1	0.3	12.9	0.02	0.34	4.0	0.016
C203668		46.7	1010	62.7	9.8	<0.001	0.34	7.99	6.7	1.8	0.2	10.2	0.01	0.27	3.1	0.006
C203669		39.4	1330	93.5	10.7	<0.001	0.13	6.50	5.0	1.6	0.3	9.6	0.01	0.16	1.6	0.010
C203670		20.7	930	22.4	8.0	<0.001	0.17	2.50	8.3	2.1	0.3	13.2	0.01	0.49	2.7	0.010
C203671		21.0	920	21.3	8.8	0.001	0.19	2.47	8.4	2.0	0.3	13.0	<0.01	0.54	2.9	0.011
C203672		39.7	1070	24.2	16.3	<0.001	0.11	4.95	10.5	2.6	0.4	9.8	0.01	0.36	4.6	0.011
C203673		30.3	990	17.1	17.3	<0.001	0.11	3.51	9.0	1.8	0.5	6.2	0.01	0.31	5.0	0.013
C203674		18.6	290	29.7	9.8	<0.001	0.09	1.31	3.2	0.3	0.5	24.4	<0.01	0.04	9.8	0.007
C203675		18.9	700	75.0	12.3	<0.001	0.05	1.37	6.5	0.7	0.5	11.3	<0.01	0.06	5.1	<0.005
C203676		25.1	800	27.1	6.6	<0.001	0.07	0.61	8.2	1.3	0.2	13.2	0.01	0.20	2.9	0.006
C203677		27.5	730	16.7	6.5	<0.001	0.04	0.40	11.0	0.8	0.3	10.7	0.01	0.17	3.7	0.005
C203678		20.2	720	11.1	9.1	<0.001	0.03	0.43	7.8	0.7	0.2	23.4	0.01	0.11	5.5	<0.005
C203679		15.9	900	12.6	18.3	<0.001	0.04	0.76	2.5	0.6	0.3	3.7	0.01	0.07	20.1	0.007
C203680		13.0	1270	24.5	14.6	<0.001	0.07	0.60	2.5	0.4	0.4	11.3	0.01	0.08	4.3	0.014
C203681		10.9	890	11.8	16.6	<0.001	0.08	0.65	1.4	0.6	0.4	5.1	0.01	0.07	5.1	0.011
C203682		10.1	940	15.2	13.3	<0.001	0.07	0.65	1.2	0.6	0.4	7.4	0.01	0.07	6.0	0.014
C203683		9.5	550	10.0	15.7	<0.001	0.02	0.55	1.3	0.5	0.4	3.5	0.01	0.05	13.5	0.011
C203684		12.0	170	20.9	6.3	<0.001	0.01	0.72	1.0	0.3	<0.2	4.2	0.01	0.02	33.1	0.011
C203685		16.5	210	17.6	6.2	<0.001	0.01	0.86	1.1	0.2	<0.2	3.8	0.03	0.03	41.3	0.013
C203686		15.9	350	37.7	9.4	<0.001	0.01	0.93	1.5	0.5	0.2	3.2	0.02	0.04	31.5	0.008

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	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C203647		0.10	1.26	30	0.24	5.46	51	<0.5
C203648		0.09	2.58	36	0.11	2.17	26	<0.5
C203649		0.05	2.24	37	0.11	2.09	23	<0.5
C203650								
C203651		0.07	3.07	35	0.13	6.00	53	<0.5
C203652		0.07	2.46	42	0.18	5.63	53	<0.5
C203653		0.05	1.05	31	0.10	4.81	57	1.1
C203654		0.08	1.09	40	0.13	3.57	48	<0.5
C203655		0.07	1.69	32	0.13	6.31	64	<0.5
C203656		0.07	0.84	40	0.14	3.06	58	<0.5
C203657		0.08	1.82	29	0.08	6.51	74	0.9
C203658		0.11	7.41	24	0.17	20.20	46	0.5
C203659		0.14	1.50	40	0.23	8.22	162	<0.5
C203660		0.80	0.75	14	0.08	11.10	132	1.0
C203661		0.66	0.75	28	0.10	17.65	192	0.8
C203662		0.45	0.63	26	0.16	17.65	139	1.3
C203663		3.56	0.51	12	0.06	14.55	118	1.3
C203664		0.86	2.11	27	0.12	19.75	239	1.5
C203665		0.15	3.24	12	0.88	16.60	45	2.4
C203666		8.69	2.48	16	0.10	14.25	115	1.3
C203667		0.55	9.09	29	0.36	36.90	103	5.4
C203668		1.46	7.30	18	0.27	27.90	59	3.5
C203669		0.71	5.95	23	0.35	27.20	119	2.2
C203670		0.15	4.46	14	0.47	19.50	44	3.7
C203671		0.16	3.77	15	0.51	19.10	42	3.4
C203672		0.56	20.20	29	0.55	29.90	71	6.1
C203673		0.46	8.17	26	0.94	28.00	52	6.0
C203674		0.19	1.10	17	0.06	4.84	22	1.4
C203675		0.17	1.36	13	<0.05	21.70	106	3.7
C203676		0.13	0.57	28	0.07	24.40	102	1.7
C203677		0.14	0.56	48	0.06	27.00	118	1.4
C203678		0.09	0.57	30	0.07	15.75	73	1.2
C203679		0.15	2.38	23	0.27	8.22	61	1.3
C203680		0.13	1.11	39	0.22	8.61	93	0.7
C203681		0.19	1.62	31	0.29	5.34	55	0.5
C203682		0.13	1.52	29	0.31	5.03	51	<0.5
C203683		0.14	1.93	26	0.35	7.54	46	0.5
C203684		0.05	4.03	5	0.21	11.80	38	<0.5
C203685		0.05	8.53	4	0.47	19.20	43	3.9
C203686		0.07	7.71	9	0.76	22.10	100	0.7

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C203687		0.54	<0.005	0.12	1.39	17.3	<10	40	1.18	1.13	0.04	0.09	119.50	34.0	13	3.83
C203688		0.52	<0.005	0.11	1.40	16.6	<10	70	1.32	0.98	0.03	0.13	111.00	18.2	16	3.12
C203689		0.82	0.005	0.06	1.08	10.3	<10	40	0.62	0.65	0.07	0.20	79.50	15.2	14	1.05
C203690		0.50	<0.005	0.08	1.43	14.9	<10	60	1.04	0.99	0.06	0.12	99.50	11.8	18	3.36
C203691		0.54	0.005	0.08	1.48	15.2	<10	60	1.04	1.02	0.06	0.12	101.50	11.8	18	3.45
C203692		0.72	0.010	0.10	1.23	14.7	<10	50	0.83	0.97	0.09	0.26	153.00	27.5	16	2.10
C203693		0.44	0.005	0.10	1.02	20.3	<10	170	0.71	0.74	0.54	0.24	80.20	25.2	16	3.44
C203694		0.60	<0.005	0.12	0.98	19.9	<10	330	0.81	0.91	0.34	0.13	61.00	26.9	15	3.32
C203695		0.44	0.006	0.22	1.17	17.2	<10	580	0.96	0.68	0.75	0.20	104.00	22.3	16	3.35
C203696		0.42	0.006	0.07	0.87	21.2	<10	200	0.48	0.92	0.35	0.21	60.80	20.3	12	2.49
C203697		0.46	0.006	0.09	1.04	23.0	<10	200	0.78	0.86	0.96	0.37	119.00	28.1	17	3.68
C203698		0.42	0.006	0.17	1.05	22.2	<10	160	0.60	1.24	1.28	0.26	47.00	22.1	18	4.99
C203699		0.44	<0.005	0.14	0.48	9.9	<10	830	0.35	0.46	2.81	0.12	33.80	11.4	6	1.37
C203700		0.52	0.014	1.02	1.17	23.0	<10	390	0.92	2.03	1.34	0.32	74.60	34.5	20	3.63
C203701		0.48	0.007	0.97	2.45	104.5	<10	800	1.56	5.67	1.53	0.32	202.00	96.6	37	6.59
C203702		0.50	0.026	0.14	0.93	80.7	<10	280	0.69	4.51	0.54	0.10	111.00	79.2	16	2.61
C203703		0.46	0.009	0.20	0.93	18.9	<10	450	0.85	1.04	0.88	0.18	93.30	27.5	16	2.16
C203704		0.74	0.005	0.06	0.87	2.8	<10	140	0.98	0.40	0.41	0.06	47.50	28.3	13	0.81
C203705		0.48	0.006	0.09	1.04	17.6	<10	170	0.60	1.01	0.90	0.14	50.70	25.0	18	2.64
C203706		0.44	0.006	0.13	0.84	11.7	<10	170	0.67	0.62	1.08	0.15	48.80	21.9	15	1.61
C203707		0.58	<0.005	0.06	0.87	13.2	<10	130	0.70	0.41	0.95	0.10	63.30	15.0	17	1.53
C203708		0.60	0.008	0.17	0.76	5.6	<10	200	0.92	0.22	0.89	0.09	89.00	13.7	18	1.42
C203709		0.82	0.005	0.50	0.98	62.3	<10	90	1.55	3.54	0.09	0.93	38.10	34.0	13	1.96
C203710		Not Recvd														
C203711		0.72	0.008	0.94	1.02	74.7	<10	90	1.74	4.26	0.16	1.47	39.10	44.5	13	2.07
C203712		0.78	0.005	0.38	1.37	41.6	<10	110	2.21	3.21	0.08	0.95	46.00	39.2	16	2.29
C203713		0.74	0.007	0.56	1.20	48.5	<10	110	2.42	3.09	0.09	0.60	45.50	36.0	17	2.51
C203714		0.74	0.005	0.27	1.16	29.5	<10	60	0.77	1.80	0.08	0.27	60.60	18.8	15	0.64
C203715		0.70	<0.005	0.23	1.30	35.2	<10	50	0.98	1.67	0.03	0.18	49.90	19.9	16	1.10
C203716		0.58	0.005	0.39	1.13	54.5	<10	90	1.78	3.06	0.13	0.99	34.20	35.3	13	2.58
C203717		0.76	0.006	0.46	1.26	39.5	<10	60	0.86	1.97	0.05	0.42	54.90	30.0	14	0.87
C203718		0.54	<0.005	0.24	0.99	28.2	<10	130	1.10	1.84	0.22	0.74	25.20	28.1	15	1.82
C203719		0.62	0.009	0.61	1.23	33.4	<10	160	1.82	2.11	0.16	0.40	42.20	25.2	15	2.37
C203720		0.74	<0.005	0.22	1.42	32.9	<10	140	2.17	2.19	0.10	0.38	41.30	28.4	18	2.69
C203721		0.68	<0.005	1.15	1.23	73.8	<10	330	1.75	2.72	0.25	0.47	40.80	27.1	14	2.96
C203722		0.60	<0.005	0.21	1.41	35.0	<10	150	1.81	1.43	0.11	0.32	37.50	25.4	18	2.46
C203723		0.74	0.006	0.25	0.95	34.3	<10	160	1.08	2.06	0.15	0.33	43.30	22.1	11	1.17
C203724		0.46	<0.005	0.18	1.20	14.3	<10	40	0.92	1.19	0.23	0.15	37.10	9.4	17	1.54
C203725		0.64	<0.005	0.11	1.22	14.7	<10	120	0.76	0.75	0.28	0.32	31.00	10.8	16	1.23
C203726		0.28	<0.005	0.16	1.17	9.8	<10	150	0.65	0.59	1.06	0.49	17.20	9.9	14	1.25

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Finalized Date: 10-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06088248

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C203687		75.9	2.96	3.86	0.11	0.08	0.04	0.040	0.08	49.1	24.2	0.30	1280	1.92	0.01	2.54
C203688		58.2	2.55	3.88	0.10	0.09	0.03	0.030	0.07	42.8	22.6	0.28	529	1.55	<0.01	2.65
C203689		47.2	2.29	3.01	0.08	0.08	0.02	0.016	0.04	34.5	15.9	0.26	383	1.01	<0.01	2.97
C203690		55.4	2.66	4.32	0.08	0.06	0.05	0.033	0.07	43.7	20.1	0.31	310	1.52	<0.01	1.86
C203691		57.2	2.68	4.58	0.09	0.06	0.04	0.038	0.07	41.6	20.9	0.32	320	1.54	<0.01	1.85
C203692		71.4	2.61	3.71	0.12	0.08	0.02	0.026	0.06	51.8	22.3	0.29	651	1.05	<0.01	3.19
C203693		75.2	2.79	3.54	0.07	0.04	0.03	0.021	0.18	35.0	15.9	0.48	1910	1.68	0.01	0.67
C203694		128.0	3.62	4.59	0.09	0.03	0.06	0.032	0.07	35.7	14.0	0.28	1960	2.50	0.01	0.49
C203695		319.0	3.40	4.40	0.11	0.06	0.18	0.044	0.10	53.1	15.8	0.42	4560	2.29	0.01	0.40
C203696		103.5	2.99	4.35	0.08	0.03	0.12	0.036	0.07	33.3	7.5	0.18	3010	2.09	0.01	0.46
C203697		73.5	3.40	3.99	0.13	0.05	0.10	0.035	0.13	69.6	12.9	0.42	3820	1.83	0.01	0.55
C203698		55.2	3.07	4.02	0.07	0.03	0.05	0.036	0.20	15.9	14.9	0.51	2980	1.76	0.02	1.27
C203699		78.2	1.35	1.66	0.05	0.03	0.10	0.015	0.09	17.3	5.1	0.26	2100	1.25	0.02	0.40
C203700		875.0	3.72	5.00	0.13	0.05	0.07	0.067	0.23	42.9	13.1	0.63	3740	7.26	0.02	0.66
C203701		1010.0	8.23	9.74	0.26	0.09	0.10	0.141	0.52	109.5	26.0	1.22	7910	10.55	0.03	1.31
C203702		691.0	4.80	4.12	0.15	0.04	0.03	0.092	0.26	51.2	8.2	0.46	4760	6.20	0.02	0.75
C203703		226.0	3.20	3.72	0.13	0.05	0.06	0.037	0.14	52.8	10.0	0.42	3100	6.24	0.01	0.59
C203704		53.4	2.72	2.81	0.07	0.04	0.02	0.022	0.06	25.6	14.0	0.47	1330	2.10	0.01	0.09
C203705		207.0	3.06	3.92	0.09	0.04	0.04	0.037	0.16	28.1	13.7	0.55	2260	3.67	0.01	0.76
C203706		226.0	3.04	3.25	0.08	0.04	0.03	0.029	0.12	29.3	9.1	0.44	1620	3.63	0.01	0.50
C203707		46.5	2.22	3.69	0.07	0.03	0.03	0.024	0.10	29.1	11.1	0.42	1100	1.31	0.01	0.38
C203708		47.9	2.69	3.65	0.12	0.04	0.03	0.023	0.13	48.8	6.9	0.49	1300	1.75	0.01	0.19
C203709		127.0	6.52	2.82	0.10	0.05	0.07	0.095	0.07	18.1	9.3	0.44	4370	1.71	0.01	0.23
C203710																
C203711		148.5	7.06	3.09	0.13	0.08	0.07	0.126	0.07	18.4	10.0	0.49	4550	2.16	0.01	0.28
C203712		106.5	7.96	3.83	0.13	0.08	0.12	0.104	0.07	21.1	11.7	0.44	5650	1.71	0.02	0.30
C203713		97.6	6.15	3.64	0.12	0.04	0.08	0.099	0.08	23.6	11.9	0.56	3880	2.01	0.01	0.32
C203714		83.5	3.81	3.41	0.11	0.06	0.04	0.051	0.07	33.2	13.0	0.57	1190	0.85	0.01	0.18
C203715		98.2	4.17	3.59	0.11	0.03	0.06	0.059	0.06	27.2	13.6	0.55	1380	0.99	0.01	0.35
C203716		104.5	5.93	3.18	0.10	0.09	0.09	0.109	0.07	15.5	11.6	0.56	4490	1.91	0.01	0.23
C203717		138.0	5.05	3.46	0.12	0.05	0.06	0.084	0.09	28.8	12.5	0.69	2770	1.04	0.01	0.15
C203718		47.8	5.25	4.79	0.07	<0.02	0.09	0.074	0.08	11.2	7.1	0.26	3530	1.57	0.01	0.20
C203719		92.6	6.67	3.65	0.12	0.09	0.07	0.087	0.10	20.1	11.8	0.58	7250	1.81	0.01	0.25
C203720		82.9	6.11	4.31	0.12	0.05	0.07	0.101	0.09	19.6	14.3	0.55	5190	2.17	0.01	0.38
C203721		134.0	8.86	3.83	0.15	0.14	0.10	0.138	0.10	19.0	12.3	0.67	11100	1.96	0.01	0.24
C203722		86.2	6.03	4.20	0.10	0.06	0.06	0.139	0.08	17.8	11.6	0.46	6680	1.80	0.01	0.29
C203723		134.5	10.10	3.16	0.14	0.14	0.07	0.190	0.07	22.7	7.2	0.39	15250	1.56	0.01	0.18
C203724		29.8	3.30	3.46	0.06	0.07	0.05	0.049	0.12	17.9	13.9	0.58	644	0.61	0.01	0.35
C203725		40.5	6.79	4.89	0.10	0.05	0.08	0.098	0.10	15.7	8.5	0.28	5750	1.18	0.01	0.39
C203726		29.3	3.31	4.59	0.05	0.04	0.09	0.053	0.09	8.6	8.3	0.34	2580	1.10	0.02	0.59

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C203687		18.4	570	36.7	12.4	0.001	0.03	0.86	2.0	0.5	0.3	4.3	0.01	0.06	27.6	0.009
C203688		18.8	500	64.4	13.3	<0.001	0.03	0.79	1.7	0.6	0.3	5.0	0.01	0.05	20.7	0.013
C203689		21.1	460	39.0	6.2	<0.001	0.01	0.72	1.5	0.2	0.2	6.7	0.01	0.04	16.2	0.026
C203690		17.9	580	77.6	12.6	<0.001	0.04	0.75	1.8	0.7	0.4	7.4	0.01	0.05	9.5	0.017
C203691		18.4	600	81.7	13.3	<0.001	0.04	0.77	1.8	0.6	0.4	7.8	0.01	0.05	8.7	0.017
C203692		22.9	590	55.6	8.6	<0.001	0.01	0.82	2.3	0.6	0.2	8.2	0.01	0.05	24.4	0.027
C203693		21.9	1320	21.0	47.8	<0.001	0.13	0.75	1.4	0.7	0.3	15.2	<0.01	0.05	2.6	0.032
C203694		18.0	620	30.7	25.2	<0.001	0.07	0.76	1.8	0.7	0.4	13.5	<0.01	0.07	2.6	0.027
C203695		24.0	1040	27.5	39.1	<0.001	0.08	0.70	2.4	0.7	0.4	20.7	0.01	0.07	4.5	0.030
C203696		14.4	730	23.2	18.4	<0.001	0.07	0.74	2.0	0.7	0.4	11.4	<0.01	0.08	2.7	0.022
C203697		21.2	940	20.8	41.1	<0.001	0.10	0.55	3.3	0.8	0.3	17.2	<0.01	0.06	4.2	0.036
C203698		23.7	810	17.3	54.5	<0.001	0.15	0.77	2.0	0.5	0.4	19.5	0.01	0.06	3.1	0.059
C203699		13.4	1030	10.9	19.8	<0.001	0.23	0.45	1.1	0.9	<0.2	47.6	0.01	0.04	1.2	0.016
C203700		32.9	730	29.6	57.0	<0.001	0.12	0.57	6.0	1.2	0.4	26.3	0.01	0.08	5.9	0.042
C203701		70.3	1460	47.4	97.6	0.001	0.23	1.60	10.7	1.6	0.8	37.1	0.01	0.17	19.5	0.081
C203702		38.5	640	20.2	55.9	<0.001	0.14	1.01	5.1	0.8	0.4	12.6	0.01	0.12	12.1	0.045
C203703		27.1	700	21.6	32.3	<0.001	0.07	0.57	4.4	0.8	0.3	19.0	0.01	0.27	7.9	0.028
C203704		52.6	620	6.2	7.0	<0.001	0.03	0.13	3.6	0.4	0.2	7.4	<0.01	0.18	25.6	<0.005
C203705		25.2	680	15.5	40.9	<0.001	0.08	0.46	3.9	0.6	0.3	15.5	<0.01	0.07	4.5	0.043
C203706		23.3	680	11.6	26.7	<0.001	0.08	0.37	5.3	0.8	0.4	17.2	<0.01	0.06	5.1	0.027
C203707		20.5	600	11.8	30.9	<0.001	0.07	0.35	3.7	0.5	0.4	16.6	<0.01	0.12	3.4	0.028
C203708		27.3	840	8.9	28.0	<0.001	0.05	0.29	7.0	0.8	0.5	16.1	<0.01	0.26	9.6	0.021
C203709		52.4	510	89.8	8.7	<0.001	0.03	3.67	4.1	0.8	0.2	5.0	0.01	0.07	7.0	0.014
C203710																
C203711		65.2	570	119.5	10.4	<0.001	0.04	5.04	5.0	1.2	0.2	6.6	0.01	0.10	7.7	0.016
C203712		42.6	1020	105.0	11.6	<0.001	0.05	2.84	5.1	1.3	0.3	8.2	0.01	0.11	3.5	0.021
C203713		44.3	750	74.1	10.5	<0.001	0.03	3.11	5.4	0.9	0.3	8.0	0.01	0.09	6.9	0.027
C203714		34.9	400	36.1	6.1	<0.001	0.01	1.52	2.6	0.5	0.2	5.9	<0.01	0.05	9.9	0.018
C203715		38.3	350	41.4	8.4	<0.001	0.02	1.76	2.5	0.6	0.2	3.7	0.01	0.07	5.0	0.017
C203716		44.2	600	42.3	9.0	<0.001	0.04	3.24	4.0	0.8	0.2	5.5	0.01	0.07	5.0	0.012
C203717		35.9	420	37.0	7.6	<0.001	0.01	1.74	3.2	0.5	0.2	3.6	<0.01	0.07	9.0	0.010
C203718		22.9	1400	37.3	13.3	<0.001	0.11	1.96	1.4	0.8	0.4	9.6	<0.01	0.08	0.5	0.016
C203719		35.1	610	30.3	12.4	<0.001	0.02	2.87	4.8	0.8	0.2	8.1	0.01	0.05	7.6	0.016
C203720		37.9	690	35.5	13.9	<0.001	0.02	2.30	4.9	0.8	0.3	7.9	0.01	0.07	5.9	0.025
C203721		36.8	680	38.2	11.1	<0.001	0.04	4.81	5.6	0.7	0.2	10.3	0.01	0.04	6.8	0.011
C203722		31.0	630	41.2	13.2	<0.001	0.02	1.93	4.3	0.7	0.3	8.1	0.01	0.05	5.3	0.023
C203723		26.0	360	35.1	7.9	<0.001	0.02	1.93	4.9	0.5	0.2	11.8	0.01	0.06	9.7	0.016
C203724		20.3	490	22.3	18.7	<0.001	0.04	0.88	2.6	0.6	0.3	6.6	<0.01	0.04	3.7	0.014
C203725		16.7	1190	24.6	16.8	<0.001	0.06	1.11	2.9	0.8	0.4	9.0	0.01	0.05	1.8	0.023
C203726		14.8	1260	20.6	17.1	<0.001	0.13	0.88	1.9	0.8	0.5	13.1	0.01	0.06	0.6	0.024

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-OCT-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06088248

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C203687		0.13	6.56	15	0.48	17.90	67	0.8
C203688		0.13	4.93	20	0.49	14.65	106	1.4
C203689		0.06	3.33	23	0.54	13.95	96	1.1
C203690		0.16	3.41	28	0.37	10.85	101	0.9
C203691		0.18	3.62	29	0.41	11.20	108	0.6
C203692		0.10	5.46	24	0.67	18.95	160	0.7
C203693		0.28	2.29	22	0.12	11.85	60	<0.5
C203694		0.25	2.45	29	0.14	11.10	72	<0.5
C203695		0.25	3.26	24	0.14	22.60	76	<0.5
C203696		0.23	1.84	27	0.27	11.30	68	<0.5
C203697		0.36	3.11	23	0.15	21.40	69	<0.5
C203698		0.45	1.36	21	0.21	8.18	56	0.6
C203699		0.16	2.47	9	0.05	7.89	34	0.5
C203700		0.40	4.79	29	0.17	20.90	90	0.5
C203701		0.79	9.70	52	0.29	37.30	130	1.2
C203702		0.40	3.78	24	0.19	13.65	34	0.6
C203703		0.23	3.61	21	0.22	19.45	59	0.6
C203704		0.05	4.00	11	0.07	6.05	23	0.6
C203705		0.29	2.37	26	0.11	12.45	59	0.6
C203706		0.18	2.62	26	0.10	13.55	60	0.6
C203707		0.14	1.08	23	0.12	10.45	42	<0.5
C203708		0.08	2.96	26	0.15	16.50	38	0.5
C203709		0.19	2.24	16	0.12	15.15	264	1.4
C203710								
C203711		0.14	2.61	18	0.13	17.75	444	2.9
C203712		0.16	1.65	24	0.13	28.10	230	1.1
C203713		0.13	2.14	24	0.13	17.95	187	1.0
C203714		0.08	1.12	15	0.08	6.70	108	2.7
C203715		0.08	1.28	16	0.11	7.32	120	0.8
C203716		0.19	2.02	15	0.09	16.90	257	2.5
C203717		0.08	0.96	12	0.06	11.05	153	1.8
C203718		0.11	1.00	27	0.10	6.08	153	<0.5
C203719		0.14	1.92	18	0.11	20.70	102	2.8
C203720		0.17	2.27	26	0.17	17.40	110	1.0
C203721		0.37	2.71	16	0.11	25.50	118	4.1
C203722		0.14	1.94	26	0.13	17.80	85	1.2
C203723		0.15	1.70	15	0.13	21.40	85	5.9
C203724		0.06	1.16	15	0.06	8.65	86	1.7
C203725		0.10	0.89	30	0.13	12.70	94	0.9
C203726		0.11	0.71	31	0.11	8.54	127	0.9

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 26-SEP-2006
Account: EIA

CERTIFICATE VA06082361

Project: Werneckes

P.O. No.: FRG06-01

This report is for 144 Soil samples submitted to our lab in Vancouver, BC, Canada on 4-AUG-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
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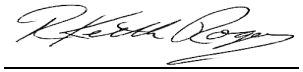
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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CERTIFICATE OF ANALYSIS VA06082361

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
203231		0.52	<0.005	0.06	1.90	11.3	<10	50	0.98	0.45	0.06	0.08	68.10	18.7	26	3.46
203232		0.58	<0.005	0.05	2.38	7.2	<10	40	1.19	0.46	0.05	0.05	117.00	18.6	30	3.71
203233		0.62	0.008	0.03	2.13	3.4	<10	40	1.35	0.18	0.12	0.03	98.70	19.7	29	2.37
203234		0.78	0.006	0.06	2.34	78.9	<10	50	1.68	2.64	0.12	0.04	177.50	68.3	34	2.28
203235		0.70	0.010	0.02	2.09	3.7	<10	40	1.13	0.19	0.10	0.02	117.50	20.9	25	2.11
203236		0.64	<0.005	0.04	2.10	13.9	<10	50	1.25	0.37	0.08	0.06	121.50	21.6	28	5.25
203237		0.40	<0.005	0.12	1.10	15.6	<10	80	0.70	0.61	0.13	0.25	69.40	26.2	14	3.05
203238		0.40	<0.005	0.17	0.73	15.8	<10	40	0.52	0.82	0.10	0.22	32.00	10.5	11	2.51
203239		0.50	<0.005	0.15	1.80	21.1	<10	140	1.56	1.13	0.83	0.38	109.50	19.2	21	3.39
203240		0.62	<0.005	0.20	0.58	17	<10	40	0.72	1.62	13.95	0.24	14.00	3.8	5	0.36
203241		0.44	0.009	0.34	0.96	46.0	<10	40	1.09	2.11	9.73	0.86	18.40	6.5	9	1.15
203242		0.44	0.007	0.34	0.98	53.7	<10	70	1.23	1.25	7.44	1.29	24.50	7.2	9	0.91
203243		0.40	0.008	0.41	1.19	87.0	<10	50	1.49	1.62	6.63	2.32	17.75	12.0	11	2.08
203244		0.56	0.008	0.25	1.37	48.6	<10	100	1.23	1.19	7.44	1.07	29.00	10.0	15	1.32
203245		0.50	0.011	0.30	1.18	60.5	10	80	1.13	1.28	9.23	1.19	19.75	8.9	11	1.12
203246		0.58	0.008	0.19	0.93	38	<10	60	1.03	0.33	12.15	2.46	15.85	5.7	10	8.41
203247		0.50	<0.005	0.71	1.27	84.6	<10	90	0.94	0.99	5.40	4.62	20.40	8.5	15	1.79
203248		0.40	0.007	0.61	1.26	254.0	<10	140	1.27	5.28	1.88	1.96	22.10	14.1	14	1.68
203249		0.50	0.006	0.44	1.32	92.9	10	110	0.89	2.39	5.87	0.99	22.70	10.8	15	1.16
203250		0.06	<0.005	<0.01	0.01	0.2	<10	10	<0.05	0.03	0.02	0.06	1.14	0.1	<1	<0.05
203251		0.38	<0.005	0.25	1.57	117.0	<10	150	1.32	2.92	1.12	1.32	27.20	15.2	18	1.67
203252		0.46	<0.005	0.19	1.45	40.6	10	80	0.76	1.24	6.65	0.56	17.90	11.1	14	3.49
203253		0.46	<0.005	0.20	0.99	38.3	<10	80	0.65	1.38	8.40	0.52	16.90	11.9	10	1.39
203254		0.42	0.005	0.43	1.32	72.8	<10	110	1.00	3.19	1.65	0.83	20.90	27.5	14	1.45
203255		0.52	<0.005	0.29	1.22	38.5	<10	70	0.83	1.67	4.32	0.57	20.00	16.5	14	1.35
203256		0.44	<0.005	0.14	1.79	43.3	<10	70	1.50	1.56	0.44	0.36	23.50	18.0	18	0.83
203257		0.42	<0.005	0.22	2.02	73.7	<10	80	1.42	2.06	0.55	0.46	23.00	19.4	18	1.12
203258		0.48	<0.005	0.24	1.54	57.2	<10	130	1.22	1.41	2.00	0.88	25.80	27.7	17	1.34
203259		0.48	<0.005	0.15	1.36	39.5	<10	80	1.00	0.85	1.29	0.57	29.20	17.4	17	1.35
203260		0.34	<0.005	0.13	1.96	87.4	<10	80	1.41	1.97	0.46	1.01	32.30	34.4	24	2.01
203261		0.50	<0.005	0.33	2.44	81.8	<10	110	2.02	2.59	0.57	0.38	53.10	37.7	19	1.30
203262		0.56	0.008	1.05	1.97	121.0	<10	100	2.08	3.90	2.55	0.71	75.10	82.0	10	1.89
203263		0.60	0.010	0.89	3.76	393.0	<10	60	2.14	4.89	2.31	1.08	213.00	211.0	9	1.26
203264		0.56	0.024	2.80	4.10	154.5	<10	100	2.24	9.87	2.92	7.51	78.60	122.0	9	2.24
203265		0.48	<0.005	0.49	1.94	92.7	<10	130	1.13	2.83	0.86	1.89	56.50	39.8	15	3.28
203266		0.44	<0.005	0.27	1.68	34.9	<10	160	1.02	0.95	1.55	0.73	35.40	18.6	21	1.75
203267		0.54	<0.005	0.20	1.77	50.6	<10	130	1.09	1.34	0.98	0.81	40.00	24.6	22	1.59
203268		0.42	<0.005	0.27	1.70	40.6	<10	120	1.06	1.11	0.96	0.76	38.50	17.9	20	1.87
203269		0.40	0.005	0.34	1.54	31.8	<10	140	0.70	5.09	1.04	1.17	35.90	17.0	12	2.84
203270		0.46	0.005	0.35	1.46	29.2	<10	150	0.72	5.23	1.05	1.29	37.80	16.9	12	3.02

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06082361

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
203231		21.2	4.24	6.20	0.09	0.04	0.12	0.028	0.04	32.4	44.6	0.81	1170	1.30	0.01	0.21
203232		10.6	4.90	8.14	0.14	0.04	0.06	0.024	0.04	52.3	56.5	1.05	931	1.63	0.01	0.19
203233		131.5	4.10	6.56	0.13	0.02	0.03	0.015	0.04	43.1	65.0	1.01	667	1.90	0.01	0.28
203234		406.0	4.65	7.64	0.18	0.03	0.03	0.028	0.04	77.6	70.7	1.08	955	2.97	0.01	0.32
203235		151.5	4.02	6.44	0.13	0.03	0.03	0.009	0.03	53.2	67.9	0.92	399	1.40	0.01	0.06
203236		57.5	4.25	7.29	0.12	0.03	0.04	0.017	0.05	55.8	65.6	0.91	566	1.66	0.01	0.18
203237		38.8	2.74	4.67	0.07	0.02	0.09	0.019	0.06	29.1	25.7	0.39	2220	1.69	0.01	0.29
203238		29.5	2.00	3.63	0.05	<0.02	0.12	0.026	0.05	15.9	13.5	0.24	431	1.53	0.01	0.31
203239		73.1	3.46	6.24	0.13	0.05	0.04	0.037	0.05	61.1	53.8	0.80	1115	1.38	0.01	0.27
203240		22.3	3.46	1.48	0.10	0.06	0.03	0.067	0.03	7.2	10.1	8.24	2960	0.89	0.02	0.14
203241		46.9	5.86	2.67	0.23	0.06	0.07	0.074	0.09	9.1	19.3	6.27	3160	1.35	0.03	0.31
203242		48.7	10.90	2.61	0.22	0.07	0.07	0.074	0.08	12.0	15.5	3.82	7710	1.40	0.03	0.21
203243		99.2	12.10	3.11	0.52	0.05	0.13	0.083	0.15	8.6	25.8	3.82	4980	2.40	0.03	0.29
203244		47.0	7.52	3.40	0.25	0.06	0.07	0.057	0.13	14.3	25.5	4.80	4380	1.55	0.03	0.43
203245		55.5	7.13	2.84	0.21	0.06	0.07	0.055	0.14	9.7	18.7	5.26	4050	1.30	0.03	0.28
203246		24.7	9.09	2.57	0.24	0.05	0.09	0.023	0.21	7.7	13.5	3.65	6210	0.90	0.03	0.32
203247		41.5	12.10	3.29	0.43	0.07	0.14	0.068	0.09	10.7	15.7	3.49	6540	1.53	0.02	0.38
203248		139.0	10.05	3.49	0.36	0.07	0.10	0.071	0.13	11.4	17.6	1.36	7150	1.86	0.02	0.30
203249		77.0	7.11	3.16	0.18	0.08	0.05	0.068	0.11	11.9	16.2	2.95	4110	1.23	0.02	0.38
203250		0.9	0.03	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	0.01	14	<0.05	<0.01	<0.05
203251		80.3	9.02	4.18	0.23	0.06	0.08	0.080	0.12	14.6	20.1	1.29	6490	1.61	0.02	0.37
203252		41.6	5.15	3.44	0.35	0.06	0.04	0.043	0.25	9.0	25.8	4.55	3120	0.75	0.02	0.33
203253		34.0	5.27	2.35	0.24	0.06	0.05	0.078	0.08	8.6	14.9	4.45	3950	0.93	0.02	0.24
203254		80.7	8.66	3.22	0.26	0.07	0.08	0.126	0.09	10.6	17.5	1.50	5650	1.85	0.02	0.25
203255		48.0	6.22	2.90	0.21	0.07	0.05	0.079	0.10	10.6	17.8	3.13	3020	1.25	0.03	0.47
203256		36.5	5.92	4.02	0.11	0.10	0.04	0.109	0.08	12.5	24.0	1.31	3240	1.28	0.01	0.25
203257		39.4	6.72	4.74	0.13	0.08	0.06	0.086	0.10	11.1	31.0	1.54	3360	1.59	0.02	0.30
203258		64.8	6.02	3.87	0.17	0.09	0.06	0.091	0.15	13.7	21.9	1.77	4200	1.66	0.02	0.35
203259		46.7	5.25	3.67	0.19	0.05	0.07	0.060	0.10	15.8	25.0	1.30	3360	1.12	0.02	0.44
203260		56.6	7.90	5.63	0.15	0.06	0.07	0.095	0.10	17.8	23.8	0.97	2590	2.84	0.02	0.71
203261		95.2	7.48	5.51	0.16	0.11	0.07	0.096	0.09	26.4	34.2	1.15	3190	5.70	0.02	0.30
203262		374.0	11.20	3.92	0.30	0.20	0.06	0.131	0.12	39.5	25.1	1.69	7540	26.20	0.02	0.33
203263		414.0	18.55	3.76	0.52	0.20	0.05	0.109	0.09	109.0	44.6	1.08	10250	43.50	0.02	0.17
203264		524.0	16.90	4.24	0.37	0.22	0.12	0.264	0.10	39.5	41.8	1.74	9720	26.60	0.02	0.26
203265		98.2	7.83	4.58	0.22	0.10	0.11	0.075	0.13	26.4	26.3	1.22	4850	8.60	0.02	0.69
203266		55.6	4.67	4.47	0.16	0.10	0.07	0.054	0.16	18.6	22.0	1.48	2240	1.72	0.02	0.67
203267		62.5	5.13	4.75	0.14	0.07	0.05	0.061	0.12	21.0	22.4	1.06	2670	2.07	0.02	0.76
203268		56.0	4.91	4.37	0.15	0.06	0.09	0.059	0.15	20.1	24.3	1.19	2440	1.57	0.02	0.57
203269		39.3	4.87	3.83	0.13	0.06	0.11	0.059	0.09	19.0	22.0	1.02	3960	2.11	0.02	0.44
203270		40.3	4.58	3.78	0.14	0.07	0.12	0.055	0.09	20.9	22.8	1.08	4040	1.97	0.02	0.46

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 26-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082361

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
203231		37.5	1100	12.5	8.4	<0.001	0.08	0.78	2.7	0.4	0.3	4.4	<0.01	0.14	10.9	0.015
203232		44.8	1010	12.8	10.1	<0.001	0.04	0.63	2.9	0.4	0.4	4.1	<0.01	0.16	14.6	0.013
203233		41.8	660	4.8	6.4	<0.001	0.02	0.67	3.0	0.4	0.2	7.2	<0.01	0.06	19.6	0.014
203234		50.3	690	7.4	6.2	<0.001	0.02	1.04	3.4	0.7	0.2	8.7	<0.01	0.12	26.8	0.017
203235		38.6	630	3.9	5.6	<0.001	0.02	0.63	2.4	0.2	0.2	2.6	<0.01	0.06	23.1	0.006
203236		40.8	750	6.4	11.3	<0.001	0.03	0.60	2.3	0.3	0.4	3.9	<0.01	0.08	19.1	0.013
203237		18.9	1380	16.0	12.6	<0.001	0.13	0.65	1.0	0.7	0.3	4.9	<0.01	0.10	3.5	0.011
203238		13.4	1520	39.8	11.2	<0.001	0.13	0.88	0.4	0.7	0.3	3.9	<0.01	0.07	0.2	0.010
203239		32.7	1050	37.1	13.8	<0.001	0.09	1.00	2.4	0.9	0.3	7.8	<0.01	0.05	10.6	0.010
203240		11.8	440	71.8	3.4	<0.001	0.07	1.10	1.8	0.8	<0.2	26.0	<0.01	0.06	1.3	0.006
203241		22.1	720	353.0	10.9	<0.001	0.17	2.15	2.7	0.8	0.2	22.6	<0.01	0.10	1.9	0.012
203242		26.5	1010	425.0	8.6	0.001	0.27	2.28	2.6	1.2	0.2	17.9	0.01	0.12	1.3	0.011
203243		44.5	1200	427.0	17.8	0.001	0.73	3.14	2.4	2.6	0.3	17.1	<0.01	0.21	1.2	0.014
203244		27.1	820	226.0	13.2	<0.001	0.09	2.18	3.6	0.8	0.3	19.3	<0.01	0.09	4.0	0.024
203245		27.0	870	315.0	12.3	<0.001	0.31	1.98	2.3	1.2	0.2	21.8	<0.01	0.12	1.3	0.015
203246		14.6	570	186.5	22.3	<0.001	0.13	1.39	2.8	0.6	0.3	34.2	<0.01	0.08	2.3	0.014
203247		22.4	870	587.0	12.5	<0.001	0.27	3.83	4.0	2.0	0.4	16.1	0.01	0.08	2.1	0.020
203248		37.6	940	427.0	12.1	<0.001	0.61	4.11	2.9	2.0	0.3	11.5	0.01	0.15	1.2	0.014
203249		22.8	780	250.0	11.3	0.001	0.24	2.34	3.5	1.4	0.3	20.0	0.01	0.09	1.7	0.020
203250		0.3	<10	1.3	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.8	<0.01	<0.01	0.2	<0.005
203251		31.5	830	398.0	15.2	<0.001	0.19	3.10	3.3	1.7	0.4	10.6	0.01	0.12	1.4	0.022
203252		19.9	620	137.5	26.3	<0.001	0.17	1.55	3.3	1.1	0.3	22.0	<0.01	0.07	2.2	0.029
203253		16.5	790	116.8	10.2	0.001	0.17	1.57	2.6	1.2	0.2	25.4	<0.01	0.06	1.3	0.014
203254		37.0	1050	271.0	9.6	0.001	0.34	3.12	2.7	1.9	0.3	11.1	0.01	0.13	1.2	0.014
203255		24.9	870	149.5	10.3	<0.001	0.16	2.09	3.5	1.2	0.3	19.1	<0.01	0.07	3.1	0.023
203256		27.9	540	91.0	7.9	<0.001	0.07	2.62	4.2	0.9	0.3	5.3	<0.01	0.08	9.0	0.011
203257		27.3	780	239.0	10.1	<0.001	0.15	2.99	3.7	1.0	0.3	5.6	<0.01	0.10	10.5	0.011
203258		32.0	1090	190.0	14.7	<0.001	0.16	2.32	3.5	1.4	0.3	15.9	0.01	0.09	2.8	0.020
203259		26.6	670	134.0	12.3	<0.001	0.11	1.81	3.9	1.2	0.3	12.3	0.01	0.06	2.1	0.025
203260		30.0	780	303.0	15.3	<0.001	0.07	3.39	5.0	1.2	0.5	8.8	<0.01	0.14	7.9	0.027
203261		48.6	910	90.1	11.7	<0.001	0.11	5.50	4.5	1.8	0.3	9.6	0.01	0.19	13.0	0.007
203262		201.0	1740	139.0	12.3	0.001	0.51	12.60	4.3	6.4	0.2	23.4	0.02	0.77	10.8	0.011
203263		509.0	1190	102.3	10.1	0.002	1.30	12.90	5.7	5.5	<0.2	42.2	0.03	0.52	21.0	0.005
203264		302.0	1260	456.0	11.1	0.002	0.48	14.60	5.4	8.6	0.2	22.6	0.02	1.61	12.5	0.007
203265		70.0	1080	236.0	21.6	0.001	0.20	5.08	3.7	2.6	0.3	15.8	0.01	0.45	6.4	0.031
203266		34.0	740	69.0	17.8	0.001	0.09	1.62	5.4	1.3	0.4	15.9	0.01	0.10	3.9	0.028
203267		39.0	670	92.7	16.2	0.001	0.10	1.89	5.0	1.3	0.4	15.0	0.01	0.11	3.7	0.030
203268		33.2	810	86.7	18.7	<0.001	0.08	1.69	4.7	1.2	0.4	12.5	0.01	0.10	2.7	0.028
203269		28.1	830	136.5	18.8	0.001	0.10	1.71	3.3	1.5	0.3	15.4	0.01	0.16	3.9	0.023
203270		29.6	760	114.0	19.2	0.001	0.08	1.69	3.7	1.5	0.3	15.4	0.01	0.15	4.9	0.024

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 26-SEP-2006
Account: EIA

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CERTIFICATE OF ANALYSIS VA06082361

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
203231		0.10	5.40	28	0.08	4.31	35	1.0
203232		0.07	5.61	31	0.09	4.10	28	0.9
203233		0.04	6.43	23	0.06	4.39	18	0.7
203234		0.05	8.75	24	0.06	8.55	33	1.1
203235		0.03	5.68	20	<0.05	4.78	14	0.8
203236		0.05	6.43	27	0.07	6.32	28	0.5
203237		0.15	3.02	21	0.17	6.47	50	<0.5
203238		0.10	2.57	18	0.07	4.12	44	<0.5
203239		0.10	10.40	22	0.06	19.25	137	0.9
203240		0.67	0.72	14	<0.05	13.15	165	1.7
203241		1.03	1.05	25	0.06	14.65	764	1.8
203242		1.18	0.81	29	0.07	24.40	991	1.8
203243		2.71	1.09	37	0.07	18.65	2880	1.4
203244		0.98	1.01	36	0.10	14.70	1150	1.8
203245		0.87	0.70	29	0.07	12.70	1155	1.7
203246		0.47	0.62	30	0.09	12.65	2580	1.5
203247		6.30	0.81	51	0.15	17.45	5700	1.7
203248		1.85	1.01	39	0.11	15.25	1745	1.8
203249		0.92	0.60	35	0.11	15.30	825	1.9
203250		<0.02	0.07	<1	<0.05	0.74	11	0.8
203251		1.22	0.96	42	0.10	16.85	1230	1.3
203252		0.72	0.53	24	0.07	12.35	485	1.6
203253		0.58	0.47	21	0.08	13.15	374	1.6
203254		1.11	0.76	29	0.08	16.20	731	1.7
203255		0.61	0.67	29	0.09	12.25	569	2.2
203256		0.28	0.68	25	0.09	12.05	201	2.6
203257		0.50	0.72	28	0.06	7.32	433	2.7
203258		0.66	0.86	32	0.12	14.75	528	2.2
203259		0.41	0.61	33	0.11	15.60	384	1.1
203260		0.57	1.40	48	0.14	12.15	489	1.6
203261		0.26	2.18	28	0.09	16.75	262	2.9
203262		0.46	4.85	22	0.13	36.10	521	4.5
203263		0.38	14.70	13	0.16	55.80	782	3.1
203264		0.38	8.06	25	0.19	53.60	4010	3.6
203265		0.70	2.48	32	0.14	24.40	825	1.9
203266		0.32	0.72	36	0.14	16.35	378	2.1
203267		0.33	0.94	38	0.15	17.00	321	1.5
203268		0.33	0.87	33	0.19	17.15	399	1.2
203269		0.29	1.63	23	0.10	16.30	602	1.1
203270		0.27	1.44	20	0.11	18.70	619	1.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06082361

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
203271		0.46	<0.005	0.17	1.06	22.0	<10	120	0.54	1.48	3.46	0.72	33.40	14.5	12	1.67
203272		0.44	<0.005	0.20	1.09	23.5	<10	90	0.59	6.19	1.12	0.73	36.40	14.0	9	2.30
203273		0.44	<0.005	0.20	1.43	33.7	<10	120	1.14	1.30	1.05	1.33	34.10	16.0	13	1.94
203274		0.50	0.005	0.29	1.66	42.3	<10	180	0.94	1.43	0.96	2.22	57.30	22.5	18	1.22
203275		0.48	<0.005	0.26	1.51	28.4	<10	180	0.85	1.03	1.10	0.55	43.40	19.1	19	1.29
203276		0.36	<0.005	0.22	1.30	18.1	<10	110	0.77	0.94	1.18	0.42	49.30	18.2	15	1.04
203277		0.34	0.006	0.21	0.53	25.4	<10	50	0.26	1.23	1.26	0.49	17.15	10.8	8	1.26
203278		0.42	<0.005	0.23	1.27	24.8	<10	100	0.83	0.87	1.21	0.62	32.10	16.9	15	1.11
203279		0.40	<0.005	0.16	1.85	36.2	<10	130	1.17	1.44	0.89	0.56	42.90	21.8	20	1.76
203280		0.46	<0.005	0.13	1.25	31.7	<10	100	0.62	1.26	0.97	0.90	30.50	17.2	16	1.05
203281		0.48	<0.005	0.19	1.40	25.9	<10	130	0.82	0.94	0.93	0.54	32.40	19.5	19	1.08
203282		0.40	<0.005	0.27	1.12	24.8	<10	80	0.63	1.05	0.94	0.33	26.40	13.3	13	1.53
203283		0.44	<0.005	0.40	1.02	22.3	<10	130	0.67	1.06	1.05	0.80	30.60	22.9	12	1.32
203284		0.32	<0.005	0.12	1.42	18.5	<10	150	0.78	1.41	0.43	1.46	51.50	19.3	14	0.87
203285		0.48	<0.005	0.35	1.10	14.1	<10	180	0.47	0.80	1.56	0.90	27.40	14.4	16	0.97
203286		0.44	<0.005	0.25	1.38	22.3	<10	190	0.56	0.93	1.38	0.47	32.20	23.6	21	1.22
203287		0.38	<0.005	0.42	1.71	34.7	<10	130	0.95	1.53	1.11	0.51	41.40	27.7	23	1.86
203288		0.52	0.009	0.23	1.74	80.7	<10	200	1.05	1.97	1.57	0.44	61.70	62.7	24	1.52
203289		0.38	0.005	0.23	1.25	56.8	<10	100	0.69	1.81	1.69	0.29	25.60	43.3	17	1.16
203290		0.40	0.005	0.22	1.30	67.0	<10	110	0.75	1.88	1.60	0.38	29.80	51.4	17	1.17
203291		0.42	0.005	0.40	1.09	45.0	<10	120	0.64	2.38	1.60	0.39	28.50	35.9	16	0.90
203292		0.38	0.019	0.24	1.20	31.9	<10	150	0.61	0.88	1.68	0.49	29.50	28.9	17	1.24
203293		0.40	<0.005	0.21	1.36	40.9	<10	140	0.66	1.17	1.48	0.29	52.80	35.4	20	1.88
203294		0.42	<0.005	0.78	1.06	65.8	<10	70	0.34	2.54	0.08	0.28	33.70	12.7	18	1.25
203295		0.48	<0.005	0.25	1.06	62.8	<10	40	0.25	4.18	0.07	0.16	33.60	10.3	18	0.96
203296		0.52	<0.005	0.08	1.33	21.1	<10	90	0.61	1.09	0.31	0.27	46.10	23.8	21	0.98
203297		0.46	<0.005	0.63	1.28	37.5	<10	140	0.65	2.44	1.67	0.37	27.90	22.2	18	1.49
203298		0.40	<0.005	0.14	1.26	40.2	<10	140	0.77	1.36	2.44	0.47	40.10	22.2	15	0.91
203299		0.58	<0.005	0.07	1.39	10.1	<10	130	0.93	0.61	0.58	0.12	59.60	17.9	35	1.83
203300		0.42	<0.005	0.09	1.51	5.3	<10	90	1.41	0.41	1.55	0.23	43.20	11.3	23	4.20
203301		0.52	<0.005	0.16	0.21	17	<10	40	0.68	1.28	12.10	0.10	15.90	4.7	2	0.18
203302		0.44	0.009	0.22	0.33	35	<10	140	0.90	1.97	12.70	0.07	15.70	19.4	3	0.59
203303		0.42	0.006	0.11	1.52	20.6	<10	270	5.96	0.71	0.49	0.42	49.40	44.3	8	2.45
203304		0.64	<0.005	0.28	0.73	82.3	<10	40	1.02	1.57	9.26	0.47	17.90	9.7	6	0.36
203305		0.54	0.011	0.39	0.78	60.4	<10	80	1.21	2.09	7.12	0.83	22.70	17.7	7	0.60
203306		0.78	<0.005	0.49	1.30	251.0	<10	40	1.36	2.73	8.63	1.00	22.70	13.2	10	0.68
203307		0.48	<0.005	0.52	3.23	25.4	<10	140	1.96	2.34	1.85	0.28	27.80	24.9	29	3.11
203308		0.54	0.008	0.31	1.22	15.0	<10	110	1.06	2.31	7.67	0.12	17.70	24.8	11	0.71
203309		0.44	<0.005	0.16	1.08	29.3	<10	160	1.04	1.64	1.15	0.47	33.20	14.5	12	0.70
203310		0.58	0.006	0.30	0.70	25.5	<10	120	0.76	1.33	5.28	0.07	25.90	12.1	8	0.63

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
203271		36.2	3.41	3.01	0.14	0.08	0.05	0.040	0.09	17.3	15.6	1.94	2160	1.74	0.02	0.62
203272		32.6	4.77	2.72	0.14	0.06	0.12	0.066	0.08	19.6	14.2	0.74	3700	1.61	0.01	0.26
203273		31.5	5.57	3.94	0.14	0.06	0.12	0.074	0.06	19.2	14.6	0.60	4940	1.74	0.01	0.41
203274		60.5	4.99	4.31	0.13	0.11	0.07	0.125	0.09	28.1	19.8	0.91	3730	2.04	0.02	0.60
203275		45.3	3.94	4.11	0.13	0.07	0.09	0.054	0.10	22.7	19.9	0.87	1590	1.51	0.02	0.92
203276		40.8	3.54	3.42	0.12	0.06	0.08	0.042	0.06	25.8	16.8	0.66	1470	2.62	0.02	0.76
203277		21.3	2.46	2.64	0.07	0.02	0.12	0.033	0.05	8.7	4.4	0.29	1105	2.18	0.02	0.57
203278		34.9	3.80	3.78	0.11	0.05	0.07	0.050	0.07	17.4	16.1	0.66	1755	1.47	0.01	0.57
203279		43.7	5.94	5.03	0.13	0.08	0.09	0.070	0.10	21.4	19.4	0.76	3360	1.78	0.02	0.73
203280		37.6	3.67	3.50	0.11	0.04	0.05	0.054	0.07	16.5	14.9	0.63	1705	1.17	0.02	0.62
203281		36.7	3.48	3.82	0.09	0.05	0.05	0.038	0.08	16.3	17.2	0.66	1455	0.98	0.02	0.73
203282		27.1	3.70	3.22	0.09	0.04	0.07	0.046	0.06	14.1	15.1	0.50	746	0.90	0.01	0.51
203283		46.3	3.98	2.75	0.10	0.06	0.07	0.047	0.06	15.3	10.5	0.50	1880	1.34	0.01	0.41
203284		31.9	4.16	3.69	0.11	0.07	0.05	0.059	0.05	22.4	15.0	0.49	1950	1.40	0.01	0.41
203285		32.5	2.96	3.11	0.08	0.05	0.08	0.037	0.06	14.1	11.7	0.49	1760	0.93	0.01	0.50
203286		48.5	3.10	3.94	0.08	0.05	0.06	0.038	0.06	15.5	14.6	0.62	2030	1.04	0.01	0.67
203287		90.1	3.49	4.52	0.12	0.07	0.11	0.053	0.07	26.8	18.4	0.59	2080	1.07	0.01	0.67
203288		342.0	4.08	5.13	0.11	0.10	0.05	0.050	0.13	29.1	22.0	1.37	2120	1.58	0.01	0.88
203289		191.0	3.29	3.36	0.08	0.05	0.11	0.041	0.06	13.7	14.7	0.63	1920	0.87	0.01	0.55
203290		195.0	3.47	3.29	0.09	0.05	0.10	0.042	0.07	15.2	14.6	0.60	2450	0.95	0.01	0.53
203291		128.5	2.87	3.33	0.07	0.04	0.04	0.036	0.05	13.9	18.9	0.67	1810	0.96	0.01	0.52
203292		76.7	2.69	3.38	0.07	0.04	0.09	0.034	0.06	15.6	14.0	0.59	2060	0.82	0.01	0.59
203293		67.3	3.35	4.71	0.08	0.04	0.07	0.035	0.07	21.7	18.3	0.59	2100	1.13	0.01	0.72
203294		41.4	4.61	5.89	0.09	<0.02	0.08	0.033	0.06	16.4	10.5	0.25	1070	2.19	0.01	0.77
203295		39.4	4.01	5.34	0.08	<0.02	0.05	0.024	0.05	16.6	11.8	0.35	465	1.44	0.01	0.53
203296		42.6	2.96	3.90	0.09	0.04	0.04	0.030	0.06	21.1	17.1	0.54	1300	0.80	0.01	0.69
203297		94.8	3.04	4.09	0.09	0.05	0.10	0.057	0.07	17.1	19.1	0.61	1230	1.22	0.01	0.63
203298		79.5	4.11	3.68	0.11	0.08	0.06	0.057	0.11	19.4	21.8	1.83	2250	2.37	0.01	0.39
203299		34.0	2.94	6.00	0.11	0.05	0.04	0.026	0.07	26.4	27.1	1.00	1490	0.89	0.01	1.74
203300		20.5	2.01	6.57	0.09	0.04	0.07	0.029	0.06	22.3	27.9	0.79	1190	0.37	0.02	1.52
203301		42.3	5.16	0.69	0.10	0.06	0.08	0.092	0.03	7.5	4.1	7.30	5330	1.18	0.02	0.09
203302		111.5	4.84	0.90	0.10	0.05	0.07	0.080	0.06	7.4	5.2	7.72	3910	3.63	0.02	0.11
203303		21.8	11.05	4.09	0.23	0.29	0.26	0.609	0.10	25.2	11.3	0.42	17800	3.22	0.01	0.21
203304		110.0	7.86	1.83	0.23	0.06	0.06	0.058	0.11	8.6	11.5	5.62	3960	2.68	0.02	0.13
203305		134.5	8.14	2.14	0.21	0.09	0.11	0.079	0.11	11.1	14.3	4.64	4330	3.92	0.01	0.16
203306		139.0	9.51	3.58	0.39	0.14	0.12	0.073	0.16	11.0	26.0	5.68	4660	2.40	0.02	0.15
203307		59.4	5.45	10.55	0.45	0.15	0.08	0.149	0.06	11.8	72.1	5.54	4670	1.56	0.01	0.20
203308		45.0	6.90	3.25	0.15	0.11	0.05	0.166	0.07	7.3	18.0	5.61	5750	1.40	0.02	0.12
203309		88.1	6.66	2.96	0.15	0.09	0.09	0.089	0.09	16.3	13.6	1.08	5350	1.99	0.01	0.26
203310		105.5	4.80	1.96	0.17	0.10	0.06	0.065	0.13	12.5	11.5	3.68	2360	3.02	0.01	0.12

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 26-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082361

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
203271		26.6	740	52.0	14.4	0.001	0.07	1.40	3.6	1.1	0.3	24.8	<0.01	0.09	4.6	0.029
203272		26.2	910	45.6	15.4	<0.001	0.09	1.43	2.7	1.4	0.2	19.5	0.01	0.12	2.6	0.016
203273		25.9	870	147.5	14.1	0.001	0.10	1.65	3.1	1.5	0.4	16.5	0.01	0.13	1.6	0.021
203274		45.2	690	197.0	11.7	<0.001	0.10	1.96	4.3	1.5	0.4	19.2	0.01	0.16	4.3	0.026
203275		37.4	770	45.2	12.1	0.001	0.08	1.34	4.6	1.4	0.4	23.4	0.01	0.10	5.6	0.027
203276		34.4	980	41.2	9.6	<0.001	0.11	1.39	3.2	1.8	0.3	34.4	0.01	0.11	5.0	0.017
203277		10.5	1060	122.0	6.7	<0.001	0.18	1.22	1.8	1.1	0.3	29.3	<0.01	0.12	1.3	0.017
203278		25.1	800	80.6	10.5	<0.001	0.11	1.33	3.7	1.4	0.3	23.1	0.01	0.09	1.7	0.018
203279		31.5	750	152.0	14.1	<0.001	0.08	1.65	5.7	1.4	0.5	16.5	0.01	0.13	4.5	0.023
203280		22.0	710	75.2	10.6	<0.001	0.08	1.15	3.8	1.0	0.3	21.0	<0.01	0.07	2.1	0.024
203281		24.4	660	41.4	10.7	<0.001	0.08	0.98	3.4	1.0	0.4	21.4	<0.01	0.06	2.5	0.024
203282		16.5	700	71.7	10.5	<0.001	0.10	0.95	3.3	1.1	0.3	24.8	<0.01	0.07	3.6	0.012
203283		36.2	680	95.0	7.9	0.001	0.08	1.30	3.3	1.1	0.2	31.3	0.01	0.09	4.3	0.014
203284		29.0	290	217.0	7.0	0.001	0.03	1.30	3.8	0.7	0.3	10.7	<0.01	0.08	11.3	0.009
203285		19.7	1030	87.8	9.5	<0.001	0.13	0.79	2.6	1.0	0.3	40.3	0.01	0.05	2.1	0.016
203286		26.0	1000	66.1	10.1	0.001	0.11	0.91	3.2	1.0	0.3	37.7	0.01	0.06	3.3	0.024
203287		28.2	1180	72.2	11.9	0.001	0.14	1.04	3.3	1.3	0.3	27.4	0.01	0.09	3.0	0.019
203288		45.9	760	58.5	16.2	0.001	0.06	1.17	5.6	0.9	0.4	21.2	0.01	0.16	8.2	0.030
203289		29.7	970	57.1	9.9	<0.001	0.13	0.91	3.6	1.0	0.2	25.6	0.01	0.11	3.3	0.016
203290		30.0	930	56.5	9.8	0.001	0.11	0.91	3.7	1.0	0.2	24.5	0.01	0.12	3.5	0.016
203291		34.9	830	42.0	9.9	<0.001	0.13	1.10	3.2	0.9	0.2	31.1	0.01	0.10	4.1	0.017
203292		22.5	1040	46.4	11.8	<0.001	0.13	0.90	2.5	1.0	0.3	31.4	0.01	0.08	2.8	0.020
203293		24.6	880	60.4	13.1	<0.001	0.09	0.96	2.7	0.7	0.4	33.3	<0.01	0.08	3.5	0.023
203294		15.8	810	77.5	12.7	<0.001	0.06	1.78	1.4	0.5	0.5	4.5	<0.01	0.14	0.9	0.021
203295		14.0	560	59.8	8.9	<0.001	0.04	1.11	1.4	0.4	0.3	3.5	<0.01	0.10	5.0	0.011
203296		26.5	480	35.8	9.1	0.001	0.04	0.72	2.7	0.6	0.2	12.3	<0.01	0.06	7.7	0.017
203297		22.9	970	70.6	12.2	<0.001	0.12	1.44	3.0	1.1	0.3	34.5	0.01	0.08	3.4	0.015
203298		29.5	590	57.9	11.3	0.001	0.06	1.52	3.5	0.8	0.3	14.9	<0.01	0.09	6.1	0.012
203299		34.1	660	12.2	13.0	<0.001	0.02	0.55	4.2	0.4	0.6	15.0	0.01	0.04	10.1	0.067
203300		22.8	890	17.3	19.2	<0.001	0.08	0.48	3.6	0.8	0.5	23.9	0.01	0.04	4.6	0.047
203301		13.1	540	14.3	2.4	0.001	0.05	1.71	2.7	1.3	<0.2	20.9	0.01	0.07	1.1	<0.005
203302		17.4	640	23.4	4.5	0.001	0.05	2.60	2.9	1.1	<0.2	19.7	0.01	0.07	2.8	<0.005
203303		30.4	2030	10.5	19.4	0.001	0.14	4.38	9.9	2.4	0.3	6.1	0.03	0.12	6.3	0.009
203304		23.4	830	138.0	5.9	0.001	0.12	5.32	3.2	1.3	<0.2	15.1	<0.01	0.10	3.8	<0.005
203305		27.1	850	184.5	8.1	<0.001	0.13	5.55	3.7	1.5	0.2	14.3	0.01	0.12	4.5	0.006
203306		31.5	950	217.0	10.2	0.001	0.22	7.02	4.1	1.6	0.2	17.6	0.01	0.18	5.7	0.008
203307		38.3	550	28.3	8.8	0.001	0.10	3.70	9.0	1.3	0.4	8.9	0.01	0.06	5.0	0.012
203308		26.9	510	15.6	5.4	<0.001	0.11	1.50	5.4	1.0	<0.2	17.1	0.01	0.05	2.9	<0.005
203309		25.4	790	52.8	10.6	0.001	0.11	3.32	4.1	1.3	0.2	8.5	0.01	0.11	2.6	0.018
203310		25.9	960	29.8	10.3	0.001	0.10	3.10	4.2	1.0	0.2	12.7	<0.01	0.08	4.6	0.006

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 26-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082361

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
203271		0.20	0.81	24	0.12	14.10	312	1.7
203272		0.21	0.90	16	0.09	20.20	301	1.0
203273		0.32	0.99	29	0.12	17.30	519	1.0
203274		0.19	1.09	32	0.19	20.70	911	2.1
203275		0.15	1.71	31	0.17	14.85	296	1.7
203276		0.12	2.70	21	0.09	15.85	204	1.2
203277		0.26	0.85	25	0.06	3.72	145	0.8
203278		0.20	1.72	28	0.12	15.95	280	1.0
203279		0.31	1.56	37	0.16	18.00	228	1.5
203280		0.18	0.75	30	0.17	10.40	415	0.9
203281		0.14	0.82	32	0.15	11.90	202	1.0
203282		0.13	1.81	22	0.08	10.70	268	0.8
203283		0.11	1.97	20	0.13	13.75	524	1.0
203284		0.11	0.94	23	0.11	12.25	725	1.3
203285		0.13	1.60	24	0.11	12.00	395	0.7
203286		0.15	1.50	29	0.14	11.85	218	0.9
203287		0.19	2.23	27	0.13	22.70	222	0.8
203288		0.18	0.99	37	0.17	14.70	203	1.9
203289		0.14	1.47	22	0.09	12.70	190	0.8
203290		0.13	1.67	24	0.09	13.80	197	0.7
203291		0.10	1.36	19	0.10	9.93	166	0.9
203292		0.13	1.45	22	0.11	12.80	171	0.7
203293		0.19	1.26	33	0.13	7.50	158	0.7
203294		0.30	0.65	44	0.11	3.32	190	<0.5
203295		0.16	0.54	30	0.09	2.21	89	<0.5
203296		0.08	1.39	22	0.10	9.03	135	0.8
203297		0.15	2.34	23	0.11	13.50	269	0.8
203298		0.35	1.37	28	0.11	11.35	219	1.7
203299		0.10	2.27	34	0.52	11.60	55	0.9
203300		0.14	6.18	29	0.43	13.65	70	0.5
203301		0.63	0.48	12	0.05	19.20	30	1.1
203302		1.08	1.87	11	0.09	14.60	39	1.2
203303		0.27	4.81	16	0.50	70.80	55	4.1
203304		1.61	1.01	19	0.07	15.65	317	1.9
203305		1.86	1.61	21	0.11	19.05	562	2.1
203306		1.75	1.38	26	0.05	19.05	786	5.7
203307		0.40	1.30	32	0.06	24.30	128	4.3
203308		0.38	0.82	17	<0.05	18.75	53	2.4
203309		0.52	1.22	27	0.10	22.90	233	1.7
203310		0.56	1.43	18	0.06	14.95	29	2.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06082361

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
203311		0.58	<0.005	0.11	1.27	8.8	<10	210	2.18	0.68	0.48	0.17	92.20	19.5	19	1.58
203312		0.54	<0.005	0.16	1.87	13.2	<10	120	2.49	0.96	0.29	0.11	227.00	25.5	25	2.25
203313		0.78	0.007	0.33	3.00	35.5	<10	60	1.70	5.01	6.88	0.07	27.60	54.5	24	2.02
203314		0.64	0.013	0.20	3.48	43.9	<10	110	3.30	4.58	0.44	0.17	31.30	51.4	34	5.34
203315		0.50	<0.005	0.08	2.51	15.4	<10	160	3.63	1.69	0.79	0.15	20.60	15.7	25	4.37
203316		0.60	0.015	0.12	1.61	15.9	<10	270	0.84	0.65	0.58	0.50	73.20	32.8	23	0.75
203317		0.64	0.028	0.18	1.41	14.0	<10	300	0.77	0.78	0.75	0.41	126.50	43.3	24	0.69
203318		0.56	0.026	0.10	0.98	9.3	<10	150	0.69	0.63	0.39	0.18	68.10	36.3	20	0.72
203319		0.60	0.022	0.06	2.87	49.0	<10	140	5.60	1.33	0.26	0.15	40.00	56.1	26	5.52
203320		0.48	0.018	0.08	2.45	35.8	<10	80	3.74	1.23	0.26	0.28	25.60	30.6	25	4.66
203321		0.58	0.022	0.23	1.50	32.3	<10	170	0.90	0.76	1.35	0.39	33.30	18.7	22	1.36
203322		0.60	0.020	0.19	1.49	31.4	<10	140	0.83	0.82	0.98	0.34	37.00	18.0	21	1.26
203323		0.48	0.019	0.24	1.51	36.3	<10	150	0.91	1.14	1.51	0.38	34.80	20.1	20	1.63
203324		0.44	0.013	0.27	1.52	32.0	<10	150	0.85	0.78	1.60	0.37	31.30	17.1	21	1.44
203325		0.46	0.011	0.25	1.38	25.6	<10	140	0.79	0.79	1.20	0.30	30.70	15.2	21	1.19
203326		0.38	0.007	0.18	1.22	26.4	<10	140	0.67	0.76	1.19	0.27	29.80	16.9	18	1.04
203327		0.40	<0.005	0.14	1.08	30.0	<10	100	0.57	0.91	1.23	0.26	38.20	15.6	15	1.03
203328		0.46	0.007	0.28	1.07	81.9	<10	140	0.67	1.19	1.20	0.20	37.90	48.6	23	0.78
203329		0.48	<0.005	0.14	1.17	81.6	<10	90	0.59	1.34	0.74	0.17	60.80	55.8	32	0.75
203330		0.46	<0.005	0.22	1.66	152.5	<10	110	0.93	2.12	0.51	0.10	65.80	81.4	32	1.09
203331		0.38	<0.005	0.28	1.57	139.5	<10	120	0.86	1.91	0.65	0.11	58.30	70.8	30	1.01
203332		0.54	<0.005	0.15	1.61	159.0	<10	100	0.76	2.11	0.47	0.09	49.20	68.1	33	1.41
203333		0.44	0.021	0.16	1.69	33.9	<10	100	0.99	1.19	0.54	0.57	48.50	54.5	22	1.00
203334		0.44	<0.005	0.18	1.43	23.3	<10	190	0.73	0.62	1.05	0.33	30.20	21.1	22	1.07
203335		0.54	<0.005	0.21	1.30	24.3	<10	200	0.64	0.77	0.99	0.31	34.60	24.8	21	0.94
203336		0.40	<0.005	0.24	1.67	35.2	<10	130	0.69	0.87	0.15	0.26	48.00	26.4	27	1.24
203337		0.50	<0.005	0.18	1.35	93.1	<10	60	0.70	1.76	0.19	0.47	52.30	41.7	22	1.17
203338		0.70	0.020	0.34	1.67	124.0	<10	80	1.03	2.72	2.92	0.22	50.70	55.1	22	1.19
203339		0.50	<0.005	0.16	1.42	36.4	<10	90	0.95	0.89	0.53	0.29	54.00	17.6	20	1.07
203340		0.54	<0.005	0.17	1.41	32.8	<10	160	0.78	0.79	0.95	0.26	37.90	20.3	22	0.93
203341		0.58	0.007	0.18	1.57	27.0	<10	500	0.86	0.76	1.12	0.23	43.70	52.4	26	1.04
203342		0.52	<0.005	0.05	1.45	5.0	<10	250	0.80	1.45	0.55	0.10	69.50	25.5	20	4.08
203343		0.64	<0.005	0.26	1.11	13.7	<10	110	0.94	0.28	6.00	0.51	30.80	11.1	15	1.18
203344		0.54	0.007	0.13	1.89	12.0	<10	1730	1.02	1.58	0.91	0.17	60.20	15.9	22	1.86
203345		0.58	0.005	0.09	1.54	17.0	<10	130	0.77	0.42	0.92	0.19	47.80	20.5	24	2.24
203346		0.68	<0.005	0.15	0.91	33.8	<10	90	0.75	1.09	7.58	0.47	38.70	23.9	11	0.87
203347		0.62	<0.005	0.08	0.90	17.3	<10	70	0.53	0.45	3.02	0.19	42.90	13.0	15	1.11
203348		0.66	<0.005	0.07	1.77	11.4	<10	90	1.66	0.52	0.31	0.18	57.70	35.8	28	5.97
203349		0.40	<0.005	0.15	1.25	55.7	<10	130	1.13	0.38	1.06	0.26	242.00	18.3	17	1.67
203350		0.24	<0.005	0.07	1.45	9.2	<10	140	0.98	0.41	1.18	0.34	52.40	16.6	35	2.49

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 26-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082361

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
203311		84.9	4.17	4.73	0.15	0.05	0.09	0.070	0.08	49.0	16.0	0.57	2060	1.73	0.01	0.25
203312		77.6	5.29	6.62	0.23	0.08	0.11	0.062	0.10	82.6	30.8	0.83	1830	2.71	0.01	0.33
203313		133.0	6.54	6.96	0.22	0.11	0.05	0.166	0.06	12.5	62.4	7.22	4070	4.00	0.02	0.07
203314		359.0	5.07	8.64	0.19	0.18	0.08	0.146	0.08	18.9	73.2	4.19	2570	5.11	0.01	0.26
203315		32.0	3.33	6.48	0.10	0.10	0.06	0.077	0.08	9.6	57.9	2.81	1360	1.86	0.01	0.47
203316		67.7	7.48	5.82	0.17	0.11	0.21	0.134	0.07	39.1	12.8	0.57	11500	1.51	0.01	0.31
203317		55.8	10.65	5.31	0.22	0.08	0.13	0.200	0.07	70.4	12.0	0.66	19950	1.27	0.02	0.27
203318		39.7	6.20	3.55	0.14	0.08	0.09	0.095	0.09	33.0	14.7	0.61	7910	5.14	0.01	0.22
203319		104.0	4.49	7.75	0.10	0.10	0.05	0.087	0.10	19.5	60.2	2.77	2120	6.87	0.01	0.26
203320		43.9	3.44	7.70	0.10	0.04	0.07	0.096	0.11	11.7	52.8	2.33	2000	2.75	0.01	0.38
203321		70.6	3.99	4.41	0.13	0.09	0.07	0.052	0.14	16.2	22.9	1.28	1830	1.63	0.02	0.66
203322		64.7	4.33	4.26	0.11	0.09	0.10	0.063	0.12	17.6	23.1	1.18	2170	1.42	0.01	0.61
203323		80.7	4.57	4.52	0.15	0.11	0.08	0.071	0.14	16.9	25.0	1.50	2300	1.76	0.01	0.62
203324		108.5	3.88	4.43	0.12	0.09	0.08	0.057	0.13	15.5	22.1	1.16	1390	1.23	0.01	0.70
203325		83.5	2.99	4.09	0.10	0.10	0.07	0.051	0.11	14.8	20.5	0.91	831	1.05	0.01	0.73
203326		61.2	3.01	3.71	0.10	0.08	0.06	0.048	0.10	14.3	17.9	0.80	1270	1.22	0.01	0.75
203327		95.7	2.79	3.12	0.11	0.07	0.04	0.036	0.06	17.7	17.6	0.78	1450	1.20	0.01	0.43
203328		130.0	4.26	3.54	0.10	0.07	0.06	0.049	0.08	16.8	16.2	0.65	2590	3.69	0.01	0.25
203329		126.5	5.36	4.03	0.11	0.05	0.04	0.043	0.06	27.2	18.6	0.70	2100	3.95	0.01	0.23
203330		167.0	5.31	5.43	0.12	0.07	0.04	0.072	0.06	28.4	22.4	0.77	3530	4.25	0.01	0.38
203331		167.0	5.17	4.83	0.10	0.06	0.04	0.065	0.06	26.0	20.6	0.74	3270	3.64	0.01	0.33
203332		98.9	5.53	6.14	0.09	0.03	0.03	0.083	0.07	24.9	23.2	0.73	2370	4.00	0.01	0.39
203333		37.7	5.52	4.64	0.11	0.06	0.09	0.080	0.07	22.6	18.6	0.52	1780	2.21	0.01	0.60
203334		85.9	3.56	4.19	0.09	0.09	0.07	0.058	0.09	15.5	19.0	0.75	1530	1.09	0.01	0.70
203335		82.2	3.60	3.90	0.09	0.08	0.06	0.053	0.08	17.0	17.5	0.78	1240	1.56	0.01	0.60
203336		118.5	3.66	5.01	0.09	0.05	0.05	0.048	0.09	21.5	21.4	0.66	1190	1.54	0.01	0.77
203337		115.5	4.95	4.73	0.10	0.04	0.06	0.070	0.06	23.5	21.8	0.58	1930	2.63	0.01	0.42
203338		250.0	4.95	5.10	0.13	0.07	0.02	0.083	0.10	29.0	28.1	2.73	2730	4.74	0.02	0.25
203339		99.4	5.11	3.95	0.14	0.09	0.04	0.064	0.08	23.4	28.5	0.88	2980	1.15	0.01	0.35
203340		105.5	3.86	4.02	0.10	0.09	0.05	0.053	0.08	17.4	21.5	0.82	1960	1.54	0.01	0.57
203341		121.5	4.15	5.06	0.11	0.09	0.05	0.043	0.08	22.8	18.3	0.67	1730	2.93	0.01	0.58
203342		110.0	3.59	5.17	0.11	0.08	0.03	0.057	0.11	28.0	16.1	0.95	3110	1.15	0.01	0.23
203343		20.6	3.45	2.87	0.08	0.10	0.14	0.053	0.08	14.8	12.1	3.72	1020	1.04	0.01	0.31
203344		627.0	4.03	6.33	0.11	0.13	0.08	0.232	0.08	27.2	15.9	0.69	2320	1.59	0.01	0.51
203345		235.0	2.75	4.73	0.10	0.07	0.04	0.033	0.09	23.6	25.9	0.81	1200	0.63	0.01	0.82
203346		83.7	4.18	2.63	0.18	0.09	0.03	0.052	0.08	19.1	19.9	4.77	2620	1.57	0.01	0.19
203347		49.6	2.66	3.06	0.13	0.07	0.03	0.030	0.08	21.0	19.1	2.09	1190	0.97	0.01	0.57
203348		49.5	3.14	6.46	0.08	0.03	0.04	0.027	0.05	23.7	26.1	0.64	1160	1.40	0.01	1.06
203349		317.0	2.93	4.42	0.28	0.13	0.08	0.025	0.05	138.5	22.4	0.55	559	1.16	0.01	0.34
203350		42.4	2.62	6.16	0.11	0.07	0.03	0.029	0.19	25.0	29.2	1.36	1090	0.88	0.02	1.70

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Finalized Date: 26-SEP-2006
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082361

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
203311		24.6	1120	14.2	16.8	<0.001	0.09	1.08	6.2	0.9	0.3	8.2	<0.01	0.12	7.6	0.012
203312		31.8	1010	18.9	12.3	<0.001	0.08	1.72	3.6	0.9	0.3	8.2	0.01	0.07	19.3	0.012
203313		41.3	500	27.0	5.3	0.001	0.14	2.69	4.0	0.9	0.2	15.8	<0.01	0.07	9.3	<0.005
203314		37.4	910	18.9	11.0	<0.001	0.07	3.07	5.9	1.2	0.3	7.3	0.01	0.11	12.3	0.014
203315		30.5	880	13.6	11.2	<0.001	0.07	1.54	2.7	0.6	0.3	9.1	<0.01	0.05	6.3	0.020
203316		48.0	1340	23.5	10.3	0.001	0.09	1.25	22.3	1.6	0.4	12.9	0.01	0.08	7.7	0.026
203317		70.4	1400	21.0	9.0	0.001	0.08	1.25	28.5	1.6	0.4	16.1	0.01	0.12	13.4	0.039
203318		48.4	940	10.2	8.6	0.001	0.09	0.77	12.4	1.0	0.4	7.2	0.01	0.14	16.0	0.032
203319		49.6	810	19.8	13.3	<0.001	0.08	3.03	4.3	0.8	0.4	6.8	<0.01	0.11	16.9	0.014
203320		37.2	820	20.6	17.5	<0.001	0.07	2.41	2.5	0.5	0.4	6.8	<0.01	0.07	8.6	0.018
203321		31.0	660	41.7	15.5	<0.001	0.09	1.64	4.4	0.9	0.4	14.8	<0.01	0.07	3.0	0.031
203322		29.9	610	45.2	14.6	<0.001	0.08	1.56	4.7	0.8	0.4	11.6	0.01	0.08	3.5	0.030
203323		34.2	630	56.9	16.3	<0.001	0.08	2.06	5.0	1.0	0.4	13.4	<0.01	0.08	3.8	0.030
203324		27.6	800	49.7	15.6	<0.001	0.09	1.19	4.8	1.1	0.4	18.7	0.01	0.08	3.4	0.029
203325		26.1	780	37.4	13.3	<0.001	0.11	1.11	4.2	1.1	0.4	16.5	0.01	0.05	3.4	0.028
203326		25.3	630	31.7	12.3	<0.001	0.09	1.07	3.9	0.9	0.3	15.8	<0.01	0.06	3.7	0.028
203327		24.8	780	26.6	10.5	<0.001	0.10	0.95	2.5	0.9	0.2	15.3	<0.01	0.07	3.3	0.018
203328		26.8	910	57.7	9.9	0.001	0.15	1.11	4.5	0.8	0.2	12.8	<0.01	0.25	5.5	0.009
203329		33.6	630	23.2	7.3	<0.001	0.13	0.81	4.4	0.7	0.2	9.3	<0.01	0.29	8.7	0.007
203330		30.5	690	31.4	11.0	<0.001	0.06	0.78	7.3	0.6	0.2	8.0	<0.01	0.33	11.2	0.007
203331		28.1	820	37.5	12.0	<0.001	0.08	0.83	6.4	0.8	0.2	9.1	0.01	0.27	8.8	0.008
203332		26.8	660	45.7	13.8	0.006	0.07	0.68	6.9	0.7	0.3	8.0	0.01	0.36	12.3	0.008
203333		18.9	720	77.4	11.7	<0.001	0.07	0.67	5.7	0.8	0.4	9.0	<0.01	0.35	4.1	0.022
203334		25.6	850	32.3	13.2	<0.001	0.09	0.81	5.3	0.8	0.3	15.1	<0.01	0.09	3.8	0.025
203335		26.7	800	27.6	9.2	<0.001	0.08	0.86	4.6	0.8	0.3	14.1	<0.01	0.11	4.3	0.025
203336		27.6	560	28.5	13.3	<0.001	0.03	0.82	4.0	0.5	0.4	8.8	<0.01	0.11	5.7	0.029
203337		25.5	650	65.3	15.1	<0.001	0.05	1.47	3.4	0.6	0.2	4.8	<0.01	0.13	9.1	0.011
203338		50.8	770	29.1	10.2	0.002	0.09	1.94	5.1	0.9	0.2	13.5	0.01	0.20	12.6	0.010
203339		23.9	630	43.4	9.9	<0.001	0.05	0.91	5.0	0.6	0.2	7.0	<0.01	0.07	5.5	0.014
203340		25.8	700	31.5	10.5	<0.001	0.08	0.95	4.6	0.7	0.3	42.3	<0.01	0.07	3.8	0.025
203341		31.9	1210	36.7	11.3	<0.001	0.10	0.92	4.8	1.1	0.3	21.1	<0.01	0.21	3.7	0.023
203342		34.8	690	10.4	23.9	<0.001	0.03	0.60	3.4	0.7	0.3	12.6	<0.01	0.06	12.0	0.020
203343		18.7	800	81.4	9.0	<0.001	0.06	1.20	5.7	0.7	0.4	20.2	0.01	0.05	1.9	0.010
203344		19.1	1180	29.8	12.3	<0.001	0.09	0.66	21.3	1.2	0.6	13.6	0.01	0.07	3.4	0.019
203345		26.8	580	16.2	17.7	<0.001	0.06	0.56	3.8	0.6	0.4	16.9	<0.01	0.04	6.2	0.037
203346		34.6	520	61.8	7.3	<0.001	0.11	1.60	3.1	0.7	0.2	22.4	<0.01	0.07	7.0	0.011
203347		20.2	610	19.9	11.0	<0.001	0.05	0.91	3.0	0.5	0.3	16.3	<0.01	0.04	6.3	0.024
203348		29.5	680	43.5	11.8	0.001	0.05	0.67	3.6	0.5	0.5	22.3	0.01	0.05	3.7	0.053
203349		25.2	800	20.3	11.0	<0.001	0.10	0.82	3.1	1.5	0.3	15.4	0.01	0.06	9.3	0.009
203350		38.7	820	12.6	32.1	<0.001	0.03	0.65	4.9	0.5	0.6	22.3	<0.01	0.05	10.5	0.074

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
203311		0.13	4.17	26	0.09	16.05	48	<0.5
203312		0.20	2.41	30	0.09	14.35	60	1.1
203313		1.68	1.41	27	<0.05	13.50	50	4.0
203314		0.63	3.26	33	0.11	19.30	54	4.5
203315		0.19	1.26	30	0.08	9.26	46	2.4
203316		0.25	4.46	43	0.20	34.70	85	1.3
203317		0.19	4.23	44	0.29	45.10	93	1.1
203318		0.11	5.01	30	0.23	21.80	49	1.2
203319		0.16	4.24	29	0.11	11.60	66	2.1
203320		0.17	0.93	32	0.08	5.63	74	1.0
203321		0.35	1.17	36	0.13	14.20	192	1.5
203322		0.33	0.82	35	0.13	16.15	152	1.6
203323		0.46	0.94	35	0.14	16.85	212	1.9
203324		0.28	1.00	34	0.13	14.50	260	1.7
203325		0.28	1.99	32	0.13	12.65	137	1.8
203326		0.20	1.25	30	0.16	10.45	125	1.7
203327		0.12	2.62	21	0.09	13.00	135	1.0
203328		0.14	1.70	32	0.07	7.79	129	1.2
203329		0.08	2.29	49	0.11	8.38	90	0.8
203330		0.10	2.19	30	0.06	10.60	103	0.9
203331		0.13	2.40	28	0.07	11.55	114	0.8
203332		0.12	3.97	31	0.10	4.82	109	0.8
203333		0.20	1.82	39	0.17	17.10	92	0.7
203334		0.16	1.44	34	0.13	14.00	140	1.5
203335		0.15	0.92	32	0.26	11.70	131	1.3
203336		0.16	1.31	38	0.29	7.21	121	0.9
203337		0.31	1.00	29	0.07	4.60	128	0.7
203338		0.63	2.49	26	0.09	14.45	131	2.4
203339		0.16	1.14	27	0.07	12.10	207	1.2
203340		0.14	1.42	32	0.13	11.50	142	1.4
203341		0.15	2.34	37	0.23	13.55	122	1.4
203342		0.16	5.08	22	0.09	20.30	82	1.0
203343		0.13	0.86	27	0.14	18.30	177	1.4
203344		0.14	5.53	85	0.24	30.80	82	1.2
203345		0.15	1.93	30	0.16	11.55	96	1.3
203346		0.35	2.79	18	0.12	15.05	310	2.2
203347		0.13	1.18	20	0.24	10.05	102	1.4
203348		0.12	1.27	45	0.64	10.90	70	0.8
203349		0.12	4.11	26	0.09	35.70	69	1.1
203350		0.13	1.83	34	0.41	12.05	86	1.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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VANCOUVER BC V6C 1G8

Finalized Date: 26-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082361

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
203351		0.48	0.012	0.09	1.52	12.0	<10	100	0.56	0.34	0.27	0.11	28.50	7.5	21	1.72
203352		0.50	<0.005	0.07	1.41	7.9	<10	740	1.29	0.85	1.44	0.18	88.80	27.2	21	4.30
203353		0.44	<0.005	0.08	1.38	8.1	<10	640	1.27	0.85	1.15	0.14	96.10	31.5	21	4.25
203354		0.42	<0.005	0.18	1.22	28.0	<10	140	0.65	1.49	1.01	0.54	82.30	45.2	13	1.08
203355		0.42	<0.005	0.14	1.60	59.9	<10	120	0.78	2.12	0.65	0.82	36.70	38.3	22	1.67
203356		0.58	<0.005	0.20	0.75	56.6	<10	110	0.66	0.62	0.47	0.88	32.90	13.0	6	0.92
203357		0.64	0.005	0.06	1.20	13	10	10	0.57	0.33	12.00	0.06	21.70	9.3	11	0.83
203358		0.50	0.018	0.57	1.43	59.4	<10	120	1.56	3.93	2.55	0.32	38.70	44.4	14	1.05
203359		0.68	0.007	0.21	2.20	132.5	<10	130	1.19	1.21	0.16	0.18	40.90	140.0	25	2.97
203360		0.76	0.017	0.10	1.41	24.9	<10	80	0.96	0.81	1.03	0.13	116.00	194.0	32	1.23
203361		0.62	0.130	0.10	1.27	7.1	<10	460	0.93	0.89	0.42	0.21	35.80	64.7	20	0.75
203362		0.48	0.028	0.03	1.38	7.3	<10	160	1.54	0.88	0.50	0.12	71.00	25.0	22	2.15
203363		0.48	<0.005	0.09	1.14	10.0	<10	190	0.73	0.59	0.12	0.18	38.00	11.8	21	1.29
203364		0.52	0.013	0.05	1.19	5.7	<10	90	0.46	0.52	0.07	0.07	60.20	11.9	22	2.29
203365		0.60	0.017	0.04	1.58	9.1	<10	160	3.16	0.62	0.21	0.18	72.50	32.3	25	3.21
203366		0.54	0.036	0.06	1.22	6.7	<10	380	0.76	1.32	0.44	0.11	22.80	53.8	31	1.14
203367		0.62	<0.005	0.04	2.17	13.0	<10	90	1.92	0.99	0.08	0.12	80.80	28.0	30	2.99
203368		0.64	<0.005	0.02	1.75	8.5	<10	70	1.18	0.36	0.11	0.10	59.90	13.1	27	2.34
203369		0.48	0.027	0.03	2.29	7.3	<10	750	6.35	0.49	0.27	0.11	70.90	23.3	24	4.62
203370		0.76	0.009	0.01	1.76	5.0	<10	170	2.67	0.38	0.18	0.07	102.50	20.9	29	4.35
203371		0.46	0.008	0.02	1.82	3.8	<10	180	2.14	0.80	0.26	0.06	111.00	22.7	21	2.76
203372		0.40	<0.005	0.07	0.50	4.1	<10	40	0.13	0.28	0.08	0.13	13.50	3.8	8	0.94
203373		0.72	0.010	0.02	1.19	10.7	<10	50	0.38	0.29	0.08	0.11	33.30	7.7	23	1.77
203374		0.58	0.006	0.02	1.60	11.1	<10	50	1.45	0.46	0.14	0.11	51.50	12.4	25	3.42

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082361

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
203351		9.3	3.47	5.95	0.08	0.04	0.03	0.033	0.05	13.0	21.8	0.45	325	0.78	0.01	1.36
203352		18.2	2.57	6.17	0.12	0.06	0.06	0.044	0.07	40.2	37.2	0.70	2870	1.76	0.01	0.72
203353		17.4	2.79	6.12	0.12	0.06	0.04	0.049	0.07	43.4	38.3	0.72	2770	1.62	0.01	0.75
203354		70.0	4.86	3.50	0.12	0.08	0.07	0.042	0.07	36.2	13.4	0.44	3440	1.67	0.01	0.54
203355		116.0	3.95	5.42	0.08	0.06	0.08	0.049	0.10	17.4	22.2	0.69	1530	1.64	0.01	0.90
203356		77.9	4.53	2.00	0.09	0.11	0.06	0.052	0.05	16.2	8.3	0.40	4970	2.33	0.01	0.16
203357		76.6	1.76	3.00	0.67	0.09	0.02	0.070	0.12	9.9	28.3	9.26	855	0.54	0.02	0.07
203358		223.0	9.03	4.23	0.18	0.08	0.16	0.265	0.07	19.6	17.0	2.19	8000	4.95	0.01	0.17
203359		297.0	11.55	5.73	0.18	0.05	0.09	0.133	0.09	18.8	19.3	0.64	9680	2.30	0.01	1.06
203360		211.0	5.30	5.74	0.16	0.11	0.03	0.126	0.08	59.2	23.5	1.16	9030	4.29	0.01	0.10
203361		224.0	6.71	4.33	0.11	0.10	0.13	0.188	0.08	18.4	17.2	0.68	9880	12.15	0.01	0.22
203362		109.5	4.45	4.61	0.11	0.06	0.04	0.087	0.08	41.1	27.8	0.64	1830	2.23	0.01	0.21
203363		72.2	6.72	6.64	0.10	0.02	0.08	0.094	0.05	17.4	10.8	0.26	3490	4.55	0.01	0.26
203364		26.3	3.24	4.88	0.09	0.02	0.06	0.032	0.06	30.4	16.0	0.52	579	2.35	0.01	0.20
203365		176.0	4.44	5.30	0.13	0.09	0.06	0.052	0.08	39.1	30.8	0.76	2140	6.65	0.01	0.40
203366		215.0	6.26	4.07	0.10	0.07	0.05	0.199	0.10	11.0	20.3	0.80	8590	6.52	0.01	0.17
203367		53.7	5.92	8.61	0.13	0.03	0.05	0.058	0.07	37.8	35.0	0.79	1430	2.61	0.01	0.60
203368		22.2	4.36	6.26	0.09	<0.02	0.06	0.039	0.05	29.4	33.6	0.67	919	1.42	0.01	0.47
203369		182.5	5.28	6.93	0.12	0.14	0.09	0.143	0.07	36.8	50.6	1.05	4760	4.61	0.01	0.18
203370		110.5	4.84	5.83	0.14	0.05	0.03	0.047	0.06	45.3	46.9	0.97	1440	2.64	0.01	0.24
203371		229.0	4.15	5.87	0.14	0.07	0.06	0.053	0.06	57.9	30.7	0.84	1700	2.24	0.01	0.14
203372		12.8	1.25	2.00	<0.05	<0.02	0.10	0.015	0.05	6.8	3.7	0.14	142	1.12	0.01	0.22
203373		22.6	3.64	5.59	0.07	<0.02	0.05	0.023	0.04	15.7	18.9	0.43	224	1.18	0.01	0.82
203374		24.8	3.87	4.78	0.09	0.03	0.05	0.030	0.04	25.6	30.0	0.54	431	1.46	0.01	0.67

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 26-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082361

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
203351		15.8	310	27.1	12.2	<0.001	0.02	0.47	2.5	0.2	0.6	10.3	<0.01	0.04	4.3	0.042
203352		21.1	1030	10.1	19.0	<0.001	0.13	0.72	2.2	0.9	0.4	33.7	0.01	0.06	2.1	0.038
203353		20.3	940	9.8	18.2	<0.001	0.11	0.69	2.5	1.0	0.5	36.1	0.01	0.07	2.7	0.040
203354		70.3	1250	89.2	10.1	<0.001	0.11	0.99	2.0	1.0	0.2	45.6	0.01	0.12	8.1	0.012
203355		32.1	560	84.5	20.6	<0.001	0.07	1.35	3.7	0.6	0.5	13.4	<0.01	0.13	4.5	0.028
203356		22.9	890	35.3	8.7	<0.001	0.08	1.67	2.8	1.0	0.2	8.0	0.01	0.14	3.0	0.012
203357		8.9	310	7.3	10.7	<0.001	0.02	2.90	3.9	0.4	0.2	19.0	<0.01	<0.01	2.9	0.007
203358		55.3	1310	43.2	10.3	<0.001	0.10	4.24	5.3	2.0	0.4	10.5	0.01	0.17	2.2	0.011
203359		84.2	800	12.7	21.0	<0.001	0.06	2.85	6.7	1.3	0.4	8.6	0.01	0.17	4.0	0.054
203360		47.4	850	14.5	11.3	<0.001	0.07	0.78	22.6	0.5	<0.2	8.0	0.01	0.11	30.8	0.006
203361		33.0	800	11.7	10.1	0.001	0.06	0.58	15.8	1.4	0.5	5.7	0.01	0.21	14.0	0.020
203362		26.5	1050	13.2	13.4	<0.001	0.07	0.68	4.6	0.6	0.5	7.0	<0.01	0.18	9.6	0.014
203363		18.0	1520	13.9	8.4	<0.001	0.11	0.85	1.1	0.9	0.4	4.5	<0.01	0.14	1.3	0.013
203364		24.6	1280	9.8	11.7	<0.001	0.10	0.62	1.3	0.6	0.3	4.2	<0.01	0.07	3.0	0.013
203365		34.4	750	13.7	16.1	<0.001	0.03	1.01	5.3	0.9	0.5	8.3	0.01	0.15	25.0	0.031
203366		36.5	610	7.7	13.2	0.001	0.06	0.62	15.2	0.8	0.5	3.9	<0.01	0.22	16.1	0.020
203367		33.0	1140	14.6	18.5	<0.001	0.04	1.05	2.9	0.6	0.5	7.6	<0.01	0.10	12.0	0.028
203368		26.7	760	8.3	9.9	<0.001	0.06	0.80	1.8	0.4	0.4	8.9	<0.01	0.04	3.4	0.030
203369		46.1	890	11.1	12.7	<0.001	0.06	0.80	7.0	0.8	0.4	7.0	<0.01	0.10	29.0	0.012
203370		44.4	680	6.3	9.6	<0.001	0.03	0.70	3.2	0.3	0.4	6.9	<0.01	0.06	22.9	0.040
203371		32.5	970	9.6	12.1	<0.001	0.07	0.61	3.9	1.0	0.2	6.5	<0.01	0.30	17.1	0.005
203372		8.3	1270	6.8	4.8	<0.001	0.14	0.42	0.9	0.7	0.2	4.0	<0.01	0.04	1.0	0.009
203373		18.5	310	11.9	7.1	<0.001	0.03	0.75	1.8	0.4	0.4	7.2	<0.01	0.05	2.6	0.045
203374		26.1	760	10.3	7.4	<0.001	0.04	0.92	2.1	0.7	0.4	9.4	<0.01	0.06	7.8	0.032

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082361

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
203351		0.14	0.74	48	0.19	3.22	58	0.9
203352		0.14	4.18	27	0.30	17.45	55	0.6
203353		0.17	3.53	27	0.31	18.55	52	0.6
203354		0.12	1.86	19	0.08	16.75	177	0.9
203355		0.24	0.83	38	0.29	6.20	173	1.4
203356		0.20	0.92	11	0.10	23.40	411	2.3
203357		0.16	0.85	17	<0.05	13.95	16	3.4
203358		1.63	1.29	46	0.13	36.00	81	1.3
203359		0.31	1.88	36	0.17	17.75	49	0.7
203360		0.05	1.20	28	0.07	27.90	54	2.9
203361		0.08	8.32	35	0.35	28.80	48	1.7
203362		0.08	5.67	25	0.22	10.25	51	1.2
203363		0.10	4.36	35	0.16	5.52	42	<0.5
203364		0.11	1.80	25	0.08	3.10	42	<0.5
203365		0.10	56.20	36	0.24	25.40	66	1.6
203366		0.23	10.20	35	0.37	15.80	31	1.6
203367		0.23	2.71	45	0.20	5.77	61	0.7
203368		0.10	1.62	39	0.16	4.52	56	<0.5
203369		0.15	13.25	29	0.15	23.00	34	3.5
203370		0.09	5.80	36	0.15	7.63	47	1.2
203371		0.09	5.20	20	0.08	11.85	47	1.5
203372		0.09	0.81	13	0.07	1.80	24	<0.5
203373		0.09	0.92	44	0.21	2.51	43	<0.5
203374		0.10	1.94	39	0.29	5.96	55	0.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-SEP-2006
Account: EIA

CERTIFICATE VA06082360

Project: Werneckes

P.O. No.: FRG06-01

This report is for 202 Soil samples submitted to our lab in Vancouver, BC, Canada on 4-AUG-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

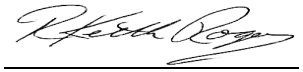
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 23-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
201902		0.30	0.018	0.20	0.43	5.5	<10	90	0.12	0.37	0.09	0.17	10.10	4.0	7	0.68
201903		0.36	0.005	0.03	1.30	26.9	<10	40	0.30	0.65	0.03	0.04	67.40	10.7	17	1.69
201904		0.28	0.007	0.11	0.18	2.2	<10	30	<0.05	0.11	0.13	0.66	3.72	2.4	3	0.28
201905		0.36	<0.005	0.13	1.93	66.0	<10	210	2.70	1.71	0.65	0.77	105.50	72.1	20	4.26
201906		0.28	0.009	0.07	0.44	7.2	<10	60	0.29	0.56	0.14	0.20	16.75	6.9	6	1.35
201907		0.46	0.006	0.04	1.54	18.2	<10	80	1.42	0.84	0.14	0.06	62.10	25.3	17	2.86
201908		0.48	<0.005	0.03	1.51	17.0	<10	90	1.78	0.76	0.26	0.07	78.20	28.0	16	3.34
201909		0.30	<0.005	0.07	1.53	14.5	<10	210	2.04	0.58	0.55	0.33	53.50	26.4	16	3.92
201910		0.40	<0.005	0.03	0.86	31.5	<10	40	0.19	0.87	0.06	0.13	60.40	7.5	15	1.15
201911		0.46	0.007	0.45	1.52	71.7	<10	90	0.99	2.27	0.26	0.21	48.20	27.8	22	2.49
201912		0.54	0.007	0.14	1.71	77.5	<10	90	1.61	3.19	0.30	0.46	71.30	43.4	21	2.92
201913		0.30	0.007	0.25	0.79	20.5	<10	70	0.45	1.19	1.32	0.41	26.30	14.8	11	1.76
201914		0.38	0.007	0.14	0.81	56.7	<10	60	0.36	1.38	0.16	0.11	29.60	17.1	14	1.95
201915		0.40	<0.005	0.11	1.33	14.8	<10	80	0.74	1.18	0.27	0.35	36.80	12.9	22	2.43
201916		0.38	0.007	0.26	2.12	51.5	<10	140	1.66	3.07	0.80	0.77	114.50	45.3	50	6.05
201917		0.34	<0.005	0.14	1.95	28.2	<10	120	1.14	0.88	0.70	0.15	45.00	20.8	32	5.88
201918		0.40	<0.005	0.08	1.46	11.4	<10	80	0.59	0.57	0.17	0.08	31.40	11.7	27	5.03
201919		0.48	<0.005	0.05	1.30	8.9	<10	60	0.77	0.44	0.20	0.13	41.80	11.5	27	4.80
201920		0.56	<0.005	0.06	1.13	5.5	<10	40	0.61	0.33	0.14	0.06	27.40	9.4	25	4.28
201921		0.42	0.006	0.05	1.68	12.8	<10	110	0.60	0.58	0.46	0.06	25.60	13.9	31	3.69
201922		0.38	<0.005	0.06	0.54	3.4	<10	20	0.17	0.33	0.07	0.05	20.80	4.4	16	2.76
201923		0.76	0.009	0.05	1.91	14.5	<10	90	3.16	0.49	0.13	0.10	168.00	38.2	19	4.04
201924		0.60	0.008	0.05	1.59	26.0	<10	90	3.56	0.68	0.05	0.03	231.00	40.8	14	7.22
201925		0.76	0.005	0.05	1.61	7.9	<10	30	0.82	0.45	0.05	0.04	88.20	18.1	21	1.92
201926		0.70	0.007	0.04	1.84	8.1	<10	30	1.09	0.49	0.11	0.05	131.50	18.7	22	3.83
201927		0.40	<0.005	0.05	2.24	16.7	<10	90	2.02	1.30	0.83	0.24	64.30	28.3	21	1.84
201928		0.40	<0.005	0.05	1.55	2.6	<10	110	1.54	0.23	1.12	0.05	33.10	9.5	14	0.78
201929		0.76	0.007	0.03	1.27	11.2	<10	50	1.18	0.56	0.15	0.09	90.70	22.6	15	1.29
201930		0.38	0.006	0.10	0.47	7.0	<10	100	0.34	0.39	0.15	0.38	27.70	15.1	10	1.29
201931		0.56	0.005	0.13	2.01	61.6	<10	110	2.35	4.71	0.55	0.43	117.00	72.2	25	1.94
201932		0.38	0.006	0.09	2.31	56.3	<10	100	2.20	3.52	0.66	0.35	127.50	40.0	33	2.73
201933		0.46	0.005	0.10	2.30	56.8	<10	110	2.22	3.30	0.70	0.35	131.50	40.0	32	2.87
201934		0.64	<0.005	0.12	1.99	54.8	<10	130	1.87	3.44	0.57	0.18	100.50	49.1	66	2.79
201935		0.54	0.030	0.12	1.98	52.6	<10	120	1.77	3.48	0.60	0.17	104.50	44.7	64	3.06
201936		0.58	<0.005	0.09	1.01	10.0	<10	60	0.74	0.57	0.11	0.13	67.40	12.8	14	1.51
201937		0.52	<0.005	0.03	1.09	17.9	<10	40	0.54	1.10	0.04	0.07	52.40	14.1	17	2.06
201938		0.38	0.005	0.14	0.57	9.5	<10	80	0.39	0.72	0.16	0.26	20.50	8.1	10	1.51
201939		0.40	0.005	0.09	2.14	30.6	<10	160	2.43	1.85	0.82	0.10	138.00	38.2	25	2.68
201940		0.46	0.008	0.12	1.29	30.5	<10	60	1.26	1.53	0.13	0.28	57.40	24.7	19	1.87
201941		0.56	0.008	0.07	2.10	27.6	<10	100	1.98	1.24	0.20	0.10	94.80	39.0	26	2.16

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
201902		13.6	0.85	2.10	<0.05	<0.02	0.11	0.016	0.06	5.5	1.8	0.07	99	1.45	0.01	0.24
201903		43.5	3.33	6.50	0.08	0.02	0.04	0.022	0.04	32.1	24.0	0.46	352	2.51	<0.01	0.32
201904		7.8	0.34	0.53	<0.05	0.02	0.14	0.007	0.06	2.0	0.7	0.05	92	0.59	<0.01	0.06
201905		411.0	4.23	6.12	0.16	0.14	0.11	0.134	0.06	64.2	33.4	0.78	6420	2.06	0.01	0.57
201906		23.0	1.46	2.14	<0.05	<0.02	0.10	0.013	0.06	8.9	4.1	0.14	456	0.95	0.01	0.39
201907		59.3	4.56	4.83	0.08	0.06	0.03	0.030	0.04	26.4	29.8	0.75	1655	1.66	<0.01	0.43
201908		51.8	4.21	4.65	0.10	0.08	0.02	0.027	0.05	31.9	33.7	0.73	1755	1.56	<0.01	0.42
201909		76.2	2.97	4.66	0.09	0.06	0.06	0.033	0.06	28.6	30.7	0.75	2630	1.59	0.01	0.65
201910		29.7	3.79	10.10	0.08	<0.02	0.02	0.019	0.03	29.3	6.8	0.19	220	2.27	<0.01	0.97
201911		112.0	4.11	5.24	0.08	0.04	0.03	0.043	0.05	23.7	21.6	0.70	1290	1.66	0.01	0.73
201912		89.6	5.23	5.34	0.13	0.07	0.03	0.047	0.05	33.2	27.4	0.90	2150	1.73	0.01	0.74
201913		25.5	2.42	3.27	0.05	0.02	0.11	0.026	0.04	13.6	10.6	0.36	1525	1.08	0.01	0.39
201914		37.2	3.00	4.84	0.05	<0.02	0.08	0.029	0.05	13.5	12.1	0.31	1385	1.86	<0.01	0.50
201915		17.0	4.38	7.59	0.06	0.02	0.06	0.037	0.05	17.3	17.4	0.41	1040	1.35	0.01	1.39
201916		176.0	5.10	7.28	0.17	0.10	0.05	0.073	0.09	61.0	37.8	1.37	2390	2.28	0.01	0.88
201917		79.8	3.30	7.71	0.09	0.04	0.03	0.048	0.08	26.7	35.5	0.83	1115	1.18	0.01	1.27
201918		31.6	2.50	6.97	0.06	0.02	0.03	0.029	0.09	16.3	25.8	0.68	559	0.80	0.01	1.39
201919		29.9	2.45	6.45	0.08	0.02	0.02	0.030	0.11	17.2	26.0	0.67	659	0.63	0.01	1.41
201920		15.2	2.39	6.07	0.06	<0.02	0.05	0.026	0.09	12.5	24.1	0.55	407	0.58	0.01	1.59
201921		32.4	2.63	7.53	0.05	0.04	0.02	0.036	0.08	14.0	30.9	0.81	573	0.62	0.01	1.54
201922		6.0	1.59	5.36	0.05	<0.02	0.02	0.013	0.05	10.5	7.6	0.23	175	0.47	<0.01	1.49
201923		67.4	4.53	6.56	0.18	0.06	0.01	0.027	0.05	73.5	46.1	0.68	1335	4.24	<0.01	0.38
201924		39.3	3.79	5.65	0.19	0.14	0.03	0.025	0.05	83.3	42.3	0.50	934	10.85	<0.01	0.18
201925		21.4	4.70	5.75	0.13	0.09	0.04	0.012	0.03	42.0	40.5	0.62	443	2.73	<0.01	0.19
201926		22.9	4.39	6.10	0.15	0.10	0.03	0.014	0.03	49.4	48.4	0.69	420	1.90	<0.01	0.25
201927		42.8	2.75	6.90	0.09	0.11	0.02	0.032	0.04	35.6	25.7	1.39	2520	1.64	<0.01	0.34
201928		40.2	1.17	4.26	0.07	0.15	0.04	0.013	0.03	32.8	14.2	0.86	1005	1.65	0.01	0.15
201929		32.2	2.84	3.72	0.10	0.07	0.02	0.017	0.03	31.2	22.2	0.51	617	1.85	<0.01	0.31
201930		13.9	1.55	2.78	<0.05	<0.02	0.08	0.011	0.07	12.9	4.9	0.17	1805	1.56	0.01	0.29
201931		94.2	5.45	7.33	0.16	0.12	0.05	0.053	0.07	56.4	32.5	1.34	3710	3.93	0.01	0.60
201932		64.3	4.16	8.35	0.14	0.12	0.03	0.053	0.06	63.0	43.4	1.56	2410	2.27	0.01	0.67
201933		63.4	4.13	8.56	0.15	0.12	0.03	0.055	0.06	66.3	45.0	1.56	2450	2.20	0.01	0.67
201934		79.9	4.73	7.81	0.12	0.06	0.04	0.054	0.07	44.7	39.9	1.18	3030	2.80	0.01	0.47
201935		82.3	4.63	7.86	0.12	0.06	0.05	0.054	0.07	50.2	39.2	1.14	2690	2.60	0.01	0.46
201936		20.8	2.71	3.89	0.07	0.02	0.12	0.017	0.06	29.0	13.2	0.31	970	1.21	0.01	0.25
201937		20.7	3.94	7.77	0.07	<0.02	0.02	0.022	0.04	24.7	15.2	0.26	484	1.96	<0.01	1.15
201938		17.0	1.87	3.39	<0.05	<0.02	0.07	0.017	0.06	9.6	4.4	0.17	1125	1.74	0.01	0.25
201939		133.5	4.12	7.55	0.19	0.12	0.04	0.061	0.08	90.2	43.9	1.13	1885	1.54	0.01	0.76
201940		53.1	3.53	5.35	0.07	0.02	0.07	0.028	0.07	24.9	22.6	0.63	1010	2.27	0.01	0.39
201941		93.6	4.65	7.05	0.13	0.04	0.04	0.031	0.06	43.2	48.1	1.17	2340	2.51	0.01	0.70

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	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
201902		5.4	1550	11.4	3.8	<0.001	0.13	0.60	0.5	0.8	0.4	5.7	<0.01	0.04	<0.2	0.011
201903		22.1	650	10.5	8.5	<0.001	0.04	0.61	1.7	0.6	0.4	3.4	<0.01	0.14	5.8	0.015
201904		4.1	1150	4.4	2.5	<0.001	0.10	0.29	0.6	0.5	<0.2	5.1	0.01	0.01	0.3	<0.005
201905		40.9	1210	17.4	15.1	<0.001	0.06	1.01	4.9	2.1	0.3	19.7	0.01	0.20	9.4	0.023
201906		7.8	1050	7.1	6.5	<0.001	0.09	0.53	0.8	0.6	0.2	6.3	0.01	0.11	1.0	0.013
201907		32.8	590	5.7	10.4	<0.001	0.04	0.45	1.9	0.5	0.2	6.4	0.01	0.14	10.8	0.014
201908		33.7	640	5.6	10.5	<0.001	0.04	0.44	2.0	0.5	0.2	8.1	0.01	0.15	13.1	0.012
201909		27.7	1060	10.9	15.1	<0.001	0.08	0.60	2.2	1.2	0.3	27.5	0.01	0.09	3.6	0.026
201910		12.0	330	9.4	5.0	<0.001	0.02	1.09	1.7	0.4	0.7	5.4	<0.01	0.12	5.3	0.044
201911		30.9	710	35.5	11.9	<0.001	0.03	1.24	3.3	0.6	0.3	11.5	<0.01	0.12	6.5	0.041
201912		43.6	770	47.1	10.4	<0.001	0.07	1.90	3.4	0.8	0.3	12.6	0.01	0.09	10.6	0.037
201913		13.4	1210	12.4	7.1	<0.001	0.15	0.67	1.3	0.8	0.2	17.3	<0.01	0.11	1.3	0.017
201914		15.4	1080	15.2	10.8	<0.001	0.06	0.85	1.7	0.5	0.4	5.2	<0.01	0.11	1.3	0.023
201915		22.9	880	12.0	12.2	<0.001	0.09	0.98	1.4	0.6	0.5	6.4	0.01	0.07	1.7	0.063
201916		68.0	1020	35.3	16.9	<0.001	0.23	1.92	4.2	2.2	0.3	14.8	0.01	0.07	11.3	0.040
201917		31.7	840	18.6	28.4	<0.001	0.06	0.59	4.1	0.8	0.7	21.7	0.01	0.07	5.2	0.060
201918		22.7	550	12.9	32.6	<0.001	0.03	0.50	3.5	0.3	0.7	12.2	<0.01	0.05	5.3	0.069
201919		22.0	600	9.5	29.9	<0.001	0.03	0.47	3.5	0.3	0.8	11.2	<0.01	0.04	6.7	0.087
201920		17.4	480	7.3	22.6	<0.001	0.02	0.42	2.8	0.3	0.8	8.6	<0.01	0.04	3.9	0.092
201921		25.2	520	12.8	19.5	<0.001	0.04	0.48	4.5	0.5	0.8	16.5	<0.01	0.05	8.7	0.061
201922		8.1	180	6.2	23.7	<0.001	0.01	0.34	1.7	0.4	0.8	5.9	<0.01	0.02	3.3	0.088
201923		37.8	960	11.9	10.5	<0.001	0.02	0.75	3.5	1.2	0.4	5.6	0.01	0.28	18.2	0.025
201924		33.2	790	15.0	13.5	<0.001	0.04	0.82	2.2	1.7	0.3	2.0	0.01	0.45	16.0	0.006
201925		35.6	1080	7.5	7.6	<0.001	0.04	0.52	1.9	1.0	0.2	2.0	<0.01	0.26	10.8	0.010
201926		36.0	1120	10.1	6.9	<0.001	0.03	0.73	2.1	1.1	0.2	3.9	<0.01	0.32	19.9	0.013
201927		26.7	890	27.1	9.1	<0.001	0.05	0.69	5.4	1.3	0.2	10.1	<0.01	0.09	12.1	0.006
201928		12.8	840	6.6	5.6	<0.001	0.09	0.39	3.6	1.2	<0.2	9.4	<0.01	0.07	9.9	<0.005
201929		23.1	970	8.1	6.5	<0.001	0.03	0.78	1.7	0.8	0.2	4.7	<0.01	0.14	11.2	0.015
201930		9.9	1500	8.4	10.5	<0.001	0.14	0.59	0.9	1.1	0.2	4.9	<0.01	0.09	1.2	0.009
201931		45.2	1230	51.1	12.5	<0.001	0.08	1.84	5.6	1.3	0.2	8.6	0.04	0.10	15.4	0.026
201932		45.7	1140	34.5	13.5	<0.001	0.06	1.31	4.7	1.4	0.3	10.2	0.01	0.10	13.8	0.026
201933		46.1	1130	35.4	13.8	<0.001	0.07	1.35	4.7	1.5	0.3	10.3	0.01	0.10	13.1	0.024
201934		57.3	1410	26.4	18.8	<0.001	0.10	1.40	2.8	1.2	0.4	9.5	0.01	0.08	3.5	0.032
201935		55.3	1530	26.5	20.3	<0.001	0.10	1.43	2.6	1.3	0.4	10.1	0.01	0.07	3.2	0.031
201936		18.4	1680	11.0	11.5	<0.001	0.14	0.67	0.6	1.2	0.2	5.2	<0.01	0.10	1.0	0.012
201937		15.4	380	10.8	13.9	<0.001	0.03	0.97	1.6	0.8	0.6	4.6	<0.01	0.12	4.5	0.047
201938		9.8	1330	16.2	10.5	<0.001	0.15	0.74	0.5	1.1	0.3	7.3	<0.01	0.07	0.2	0.013
201939		40.5	1180	7.3	18.0	<0.001	0.06	0.83	3.4	1.8	0.3	11.5	0.01	0.12	10.5	0.026
201940		28.1	1160	10.8	12.6	<0.001	0.09	0.96	1.0	1.2	0.3	5.7	0.01	0.12	1.1	0.017
201941		39.2	930	7.4	11.9	<0.001	0.04	0.82	3.4	1.3	0.4	8.3	0.01	0.13	7.4	0.041

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 23-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
201902		0.10	0.98	14	0.08	1.33	23	<0.5
201903		0.12	2.35	30	0.16	2.37	24	<0.5
201904		0.03	0.41	4	<0.05	0.59	61	<0.5
201905		0.42	8.98	28	0.22	50.20	598	1.1
201906		0.11	1.42	13	0.14	2.74	41	<0.5
201907		0.14	3.52	19	0.32	7.94	37	0.9
201908		0.12	4.42	17	0.17	9.86	34	1.2
201909		0.17	3.91	21	0.37	21.30	109	0.6
201910		0.13	1.02	62	0.25	2.09	36	<0.5
201911		0.17	1.98	38	0.24	7.83	152	0.5
201912		0.21	2.00	31	0.24	15.20	273	0.9
201913		0.15	0.97	19	0.12	3.98	94	<0.5
201914		0.16	1.07	30	0.15	2.47	77	<0.5
201915		0.17	1.16	38	0.20	5.59	116	<0.5
201916		0.30	5.86	29	0.18	26.10	339	1.3
201917		0.21	2.95	40	0.22	12.15	109	0.5
201918		0.17	0.95	38	0.30	5.04	63	<0.5
201919		0.15	1.02	35	0.31	6.28	52	<0.5
201920		0.13	0.78	35	0.38	4.20	33	<0.5
201921		0.17	1.07	40	0.28	4.72	70	0.6
201922		0.14	0.60	32	0.34	2.55	18	<0.5
201923		0.10	11.35	27	0.24	10.75	39	1.0
201924		0.13	19.15	15	0.23	12.25	19	2.2
201925		0.07	6.90	22	0.24	3.99	21	1.7
201926		0.07	8.42	23	0.21	5.07	26	1.8
201927		0.14	5.41	25	0.08	19.10	109	1.7
201928		0.06	3.49	15	0.06	14.80	26	2.6
201929		0.07	2.73	19	0.16	7.31	38	1.0
201930		0.10	1.77	17	0.09	2.26	46	<0.5
201931		0.22	5.48	33	0.17	22.90	203	1.8
201932		0.18	4.33	30	0.14	21.00	194	1.8
201933		0.17	4.15	30	0.13	20.40	202	1.9
201934		0.24	3.46	39	0.20	18.55	131	0.5
201935		0.24	3.18	39	0.20	20.10	131	0.5
201936		0.09	2.62	19	0.09	6.29	42	<0.5
201937		0.15	1.51	45	0.23	3.78	44	<0.5
201938		0.14	1.14	25	0.08	2.35	58	<0.5
201939		0.14	5.82	27	0.17	31.50	66	1.5
201940		0.09	2.88	23	0.21	8.45	51	<0.5
201941		0.11	3.28	32	0.30	19.85	70	0.5

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Finalized Date: 23-SEP-2006
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CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
201942		0.48	0.005	0.20	1.94	40.4	<10	110	1.91	3.09	0.76	0.25	183.00	77.9	28	1.99
201943		0.36	0.007	0.15	0.72	15.1	<10	110	0.71	1.00	0.29	0.11	36.60	18.1	14	2.41
201944		0.44	<0.005	0.25	2.04	177.5	<10	70	1.40	9.76	0.81	0.34	88.60	48.1	17	2.87
201945		0.56	<0.005	0.48	2.23	197.5	<10	100	1.79	10.10	0.89	0.92	97.90	53.7	18	2.39
201946		0.38	0.005	0.13	1.15	27.0	<10	90	1.02	1.89	1.33	0.24	29.60	22.0	13	1.92
201947		0.40	<0.005	0.20	1.64	32.7	<10	100	1.32	2.52	0.52	0.23	30.80	40.0	18	4.00
201948		0.34	0.007	0.25	1.05	29.3	<10	70	1.31	2.86	2.72	0.22	29.30	21.0	11	2.21
201949		0.44	0.009	0.26	0.23	28	10	50	0.73	2.81	12.70	0.07	16.55	10.0	2	0.36
201950		0.06	<0.005	0.01	0.01	0.2	<10	<10	<0.05	<0.01	0.02	0.01	1.34	0.1	<1	<0.05
203052		0.70	<0.005	0.04	1.85	26.0	<10	290	2.82	0.78	0.08	0.07	97.30	20.7	22	7.53
203053		0.58	0.018	0.35	2.01	26.6	<10	1030	5.78	0.95	0.15	0.13	139.00	18.8	18	7.97
203054		0.64	0.018	0.23	2.14	119.0	<10	620	1.45	2.04	0.72	0.31	48.70	74.4	18	2.20
203055		0.62	0.005	0.07	1.62	19.3	<10	660	1.92	0.53	0.45	0.20	78.30	37.1	17	2.91
203056		0.58	0.018	0.09	2.22	18.8	<10	380	2.84	1.46	0.38	0.37	151.00	88.2	20	4.84
203057		0.54	0.008	0.07	1.35	24.0	<10	760	2.05	0.99	1.49	0.48	137.00	63.0	11	3.63
203058		0.52	0.006	0.05	1.54	8.7	<10	310	1.95	1.91	1.23	0.42	71.70	40.9	12	4.31
203059		0.50	0.045	0.32	1.90	31.7	<10	200	3.00	2.58	2.13	5.55	92.70	116.0	13	6.50
203060		0.78	0.007	0.95	2.57	58.7	<10	50	2.94	3.65	9.42	11.50	90.00	72.3	14	7.13
203061		0.54	0.009	0.24	2.75	44.4	<10	110	1.45	2.70	1.71	0.41	71.00	57.4	19	4.23
203062		0.46	0.006	0.36	1.58	27.2	<10	70	1.99	2.56	1.93	0.70	77.90	32.2	13	4.43
203063		0.36	0.010	0.31	1.10	9.3	<10	130	0.95	0.88	2.42	1.45	44.40	15.0	9	1.57
203064		0.48	<0.005	0.09	0.98	11.5	<10	180	0.59	0.93	0.89	0.40	27.10	17.6	19	1.92
203065		0.50	0.007	0.14	2.48	24.4	<10	150	1.80	1.62	0.91	0.33	102.00	26.2	85	4.74
203066		0.58	0.008	0.05	1.81	14.1	<10	90	1.10	0.95	0.08	0.18	68.60	29.2	27	3.53
203067		0.58	0.013	0.10	2.60	21.5	<10	170	1.85	1.65	0.59	0.20	93.25	49.5	115	4.03
203068		0.42	<0.005	0.16	1.81	48.6	<10	90	1.11	1.71	0.94	0.30	55.00	30.7	115	1.63
203069		0.40	0.005	0.07	1.54	6.4	<10	480	0.61	0.74	0.55	0.17	39.30	27.3	77	1.81
203070		0.04	<0.005	<0.01	0.01	<0.1	<10	10	<0.05	<0.01	0.01	0.01	1.36	0.3	<1	<0.05
203071		0.42	0.008	0.09	2.40	28.5	<10	160	1.41	1.86	1.87	0.17	70.70	43.3	151	1.67
203072		0.72	0.020	0.88	2.29	148.5	<10	90	1.73	3.91	2.66	3.88	92.70	99.7	50	3.01
203073		0.40	<0.005	0.10	0.73	6.2	<10	50	0.31	0.38	0.08	0.10	20.90	6.7	17	5.22
203074		0.56	<0.005	0.17	2.60	7.5	<10	100	1.83	0.76	0.54	0.32	145.50	14.0	25	2.06
203075		0.74	0.010	0.24	1.54	132.0	<10	160	0.95	2.37	1.27	0.32	56.20	44.9	27	1.64
203076		0.52	<0.005	0.02	0.86	6.4	<10	30	0.29	0.32	0.06	0.03	19.15	7.6	22	5.85
203077		0.52	<0.005	0.01	0.55	3.2	<10	70	0.28	0.35	0.35	0.12	19.75	3.4	12	3.64
203078		0.46	0.006	0.09	1.63	6.9	<10	290	0.88	0.36	1.39	0.14	37.50	13.3	28	5.57
203079		0.58	0.006	0.13	2.11	8.5	<10	180	1.35	0.42	1.21	0.16	48.90	16.5	34	6.77
203080		0.48	0.007	0.07	1.64	6.3	<10	80	0.71	0.35	0.16	0.16	31.70	12.9	31	6.82
203081		0.54	0.006	0.07	1.26	6.5	<10	60	0.43	0.32	0.16	0.09	23.60	9.9	26	5.52
203082		0.60	0.005	0.02	1.62	7.1	<10	80	0.93	0.45	0.50	0.14	52.30	14.1	33	3.99

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CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
201942		78.0	5.17	8.30	0.22	0.09	0.05	0.040	0.06	95.3	52.9	1.07	3210	4.76	0.02	0.87
201943		23.5	2.37	4.05	0.06	<0.02	0.12	0.020	0.07	17.7	7.9	0.21	2220	1.69	0.01	0.16
201944		138.5	7.26	6.90	0.16	0.06	0.06	0.084	0.07	55.4	41.6	0.84	3880	9.71	0.01	0.47
201945		286.0	7.12	7.32	0.16	0.10	0.05	0.153	0.08	60.3	49.4	0.99	4920	5.10	0.01	0.39
201946		88.4	5.97	3.51	0.14	0.08	0.07	0.148	0.08	15.1	16.5	1.04	5330	1.89	0.01	0.26
201947		130.5	7.66	4.97	0.14	0.08	0.09	0.193	0.09	16.4	22.3	0.98	4510	1.82	0.02	0.38
201948		101.0	6.12	3.25	0.18	0.08	0.07	0.252	0.09	15.3	22.7	2.21	5510	2.87	0.01	0.20
201949		58.1	3.34	0.67	0.07	0.04	0.06	0.083	0.05	9.2	5.1	7.79	2610	5.16	0.02	0.06
201950		1.3	0.02	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.1	0.01	7	0.09	<0.01	<0.05
203052		35.6	3.86	5.98	0.12	0.04	0.04	0.049	0.05	45.5	66.7	0.89	1770	1.31	0.01	0.17
203053		26.0	3.73	5.71	0.15	0.06	0.05	0.071	0.05	68.6	62.9	0.88	4400	2.29	0.01	0.09
203054		385.0	5.30	7.16	0.11	0.11	0.05	0.173	0.04	25.4	60.3	0.96	14200	3.38	0.01	0.12
203055		57.8	3.93	4.95	0.12	0.11	0.07	0.117	0.05	41.1	46.5	0.71	7170	1.01	0.01	0.14
203056		399.0	4.29	6.69	0.16	0.13	0.17	0.124	0.05	66.6	51.9	0.76	10700	5.16	0.01	0.22
203057		98.9	7.10	4.91	0.21	0.17	0.08	0.350	0.04	65.9	34.6	0.72	21200	7.15	0.01	0.11
203058		101.0	2.92	4.36	0.10	0.07	0.08	0.064	0.05	34.1	48.0	0.97	6220	1.32	0.01	0.26
203059		669.0	4.28	5.71	0.14	0.11	0.11	0.296	0.05	51.0	47.4	1.04	4890	3.56	0.01	0.63
203060		219.0	6.31	8.40	0.20	0.09	0.05	0.115	0.06	45.8	60.1	1.56	2350	1.71	0.01	0.97
203061		107.5	8.06	8.07	0.16	0.05	0.06	0.070	0.06	38.1	44.4	1.36	4390	1.47	0.01	0.49
203062		36.4	3.89	5.34	0.12	0.05	0.09	0.088	0.04	42.5	24.9	0.66	3120	1.35	0.01	0.47
203063		49.8	2.20	3.71	0.07	0.05	0.19	0.301	0.03	27.8	13.0	0.37	3030	0.90	0.01	0.39
203064		30.9	2.78	4.56	0.05	0.03	0.07	0.068	0.04	12.9	12.8	0.30	2810	1.89	0.01	0.51
203065		183.0	4.93	8.37	0.23	0.13	0.09	0.140	0.05	112.0	43.0	1.19	2040	2.92	0.01	0.83
203066		85.2	3.86	5.91	0.08	0.04	0.05	0.071	0.05	27.2	35.8	0.66	2590	2.28	0.01	0.72
203067		159.5	5.35	9.87	0.17	0.14	0.06	0.129	0.04	60.0	59.1	1.76	5370	2.36	0.01	1.55
203068		130.0	4.03	6.42	0.10	0.07	0.05	0.068	0.04	32.2	37.0	1.30	1570	1.99	0.01	0.79
203069		16.4	4.28	7.65	0.07	<0.02	0.09	0.052	0.05	18.8	31.6	0.87	3160	1.13	0.01	0.27
203070		1.0	0.02	0.09	<0.05	<0.02	<0.01	<0.005	<0.01	0.6	0.3	<0.01	9	0.05	<0.01	<0.05
203071		186.0	4.88	7.67	0.12	0.08	0.08	0.080	0.04	38.5	46.0	1.86	2580	0.69	0.01	1.29
203072		564.0	7.75	8.43	0.20	0.09	0.04	0.134	0.05	51.3	48.7	1.39	4070	1.47	0.01	0.75
203073		17.4	1.58	5.97	<0.05	<0.02	0.03	0.021	0.08	10.9	10.5	0.27	328	0.72	0.01	0.93
203074		22.7	3.76	6.04	0.19	0.06	0.06	0.070	0.04	84.9	44.6	0.70	5730	0.62	0.01	0.53
203075		209.0	4.31	5.21	0.12	0.10	0.02	0.050	0.11	28.3	32.4	1.26	2250	1.69	0.01	0.54
203076		8.5	2.32	9.55	0.06	<0.02	0.03	0.024	0.11	9.8	19.3	0.37	245	0.87	0.01	3.08
203077		10.2	1.24	6.02	0.05	0.02	0.03	0.014	0.06	13.8	6.4	0.16	229	0.67	0.01	2.33
203078		51.9	2.17	6.51	0.09	0.04	0.04	0.032	0.09	22.8	29.0	0.75	897	0.61	0.02	1.93
203079		75.2	2.59	7.58	0.13	0.05	0.04	0.036	0.09	36.6	39.7	1.00	1100	0.75	0.02	1.77
203080		24.9	2.77	7.27	0.08	0.02	0.03	0.035	0.11	14.0	29.6	0.71	836	0.78	0.01	1.94
203081		16.4	2.50	7.73	0.07	<0.02	0.02	0.026	0.10	11.8	21.2	0.55	531	0.73	0.01	1.72
203082		41.2	3.03	5.56	0.11	0.03	0.03	0.028	0.14	21.4	29.2	0.92	837	0.74	0.02	1.70

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 23-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
201942		49.7	1140	9.6	11.5	<0.001	0.14	0.97	4.5	2.2	0.4	13.4	0.01	0.21	16.4	0.032
201943		15.4	1760	9.4	13.1	<0.001	0.13	0.69	0.5	1.0	0.4	6.5	<0.01	0.08	0.4	0.007
201944		48.7	1200	30.8	20.9	<0.001	0.14	2.96	3.3	1.7	0.3	9.5	0.01	0.11	7.6	0.013
201945		52.4	1450	47.7	19.4	<0.001	0.12	2.35	4.3	2.4	0.3	10.3	0.01	0.11	6.1	0.014
201946		31.1	890	17.2	11.8	<0.001	0.12	2.03	3.2	2.1	0.2	10.2	0.01	0.10	2.0	0.020
201947		41.3	660	21.6	22.7	<0.001	0.08	1.67	5.7	2.2	0.3	11.4	0.01	0.15	3.3	0.030
201948		34.1	910	18.1	14.1	<0.001	0.08	2.55	4.2	2.3	0.2	11.5	<0.01	0.08	3.0	0.015
201949		27.6	840	24.2	3.7	<0.001	0.04	2.65	2.6	2.3	<0.2	26.9	<0.01	0.05	3.3	<0.005
201950		0.4	10	1.1	0.1	<0.001	0.01	<0.05	0.1	0.2	<0.2	0.8	<0.01	<0.01	0.2	<0.005
203052		43.8	800	13.8	8.5	<0.001	0.02	0.93	3.6	0.8	0.4	6.5	<0.01	0.39	21.1	0.019
203053		50.3	710	17.3	7.6	<0.001	0.03	1.40	10.0	1.0	0.4	9.6	<0.01	1.08	36.5	0.009
203054		55.5	1150	17.2	5.4	<0.001	0.08	2.48	9.5	1.9	0.2	21.1	0.01	0.67	16.0	0.005
203055		32.8	940	12.7	8.7	<0.001	0.05	0.79	4.6	2.0	0.2	11.9	0.01	0.39	13.0	0.007
203056		32.1	1650	29.1	12.2	<0.001	0.08	0.95	5.6	3.1	0.3	27.4	0.02	0.30	18.2	0.010
203057		51.2	1820	21.1	10.0	<0.001	0.21	1.55	4.9	4.1	0.2	75.3	0.02	0.35	8.4	0.006
203058		29.5	980	20.6	8.4	<0.001	0.10	0.93	2.3	2.0	0.2	51.2	0.01	0.23	7.3	0.011
203059		49.7	1320	77.4	11.3	<0.001	0.21	1.83	2.5	3.8	0.2	48.1	0.02	0.17	6.6	0.016
203060		74.1	1000	361.0	10.3	<0.001	0.19	6.16	3.9	2.0	0.2	102.5	0.01	0.09	18.7	0.040
203061		58.1	1590	25.2	11.9	<0.001	0.35	1.22	2.9	1.8	0.2	26.9	0.01	0.12	3.9	0.016
203062		30.5	1540	42.9	9.9	<0.001	0.17	1.15	2.4	1.9	0.2	25.9	0.01	0.07	2.8	0.015
203063		19.0	1470	16.4	5.8	<0.001	0.23	1.03	1.5	1.9	0.2	35.6	0.01	0.07	1.8	0.014
203064		15.2	1810	20.8	10.8	<0.001	0.15	0.74	2.4	1.2	0.4	21.0	0.01	0.06	1.4	0.021
203065		81.4	1630	17.5	15.3	<0.001	0.12	1.11	6.7	3.1	0.4	24.6	0.02	0.10	7.6	0.020
203066		33.6	820	12.9	10.1	<0.001	0.06	0.85	3.4	1.3	0.4	8.2	0.01	0.07	8.3	0.029
203067		113.0	960	13.5	10.5	<0.001	0.05	1.02	8.1	2.6	0.4	44.9	0.02	0.08	15.0	0.096
203068		106.0	1030	54.9	8.3	<0.001	0.11	1.33	4.3	1.6	0.2	23.5	0.01	0.15	9.3	0.013
203069		50.8	1250	9.3	10.8	<0.001	0.11	0.44	2.8	0.8	0.3	13.3	<0.01	0.24	6.9	0.012
203070		0.6	10	1.0	0.1	<0.001	0.01	<0.05	<0.1	<0.2	<0.2	0.8	<0.01	<0.01	0.2	<0.005
203071		136.0	1050	8.4	8.0	<0.001	0.16	1.09	5.2	1.5	0.2	24.2	0.01	0.16	6.7	0.035
203072		158.5	1630	222.0	9.8	<0.001	0.36	3.20	5.1	1.8	0.3	34.3	0.01	0.30	14.8	0.026
203073		12.4	560	11.4	27.9	<0.001	0.03	0.40	1.4	0.5	0.9	7.3	<0.01	0.04	0.7	0.058
203074		21.6	1620	17.2	12.4	<0.001	0.06	0.35	6.6	1.7	0.4	16.7	0.02	0.05	7.3	0.029
203075		48.6	830	32.3	12.2	<0.001	0.06	1.47	4.0	0.9	0.3	11.8	0.01	0.11	12.3	0.028
203076		14.7	240	7.7	31.0	<0.001	0.01	0.41	2.9	0.3	1.2	6.4	<0.01	0.04	4.4	0.125
203077		6.4	330	9.5	33.1	0.001	0.03	0.36	1.7	0.4	1.1	8.5	0.01	0.02	2.6	0.082
203078		27.1	790	11.0	31.7	0.001	0.07	0.50	3.9	1.0	0.8	19.2	0.01	0.05	6.0	0.055
203079		36.3	820	11.4	31.1	0.001	0.06	0.58	5.0	1.5	0.8	22.0	0.01	0.05	8.3	0.055
203080		26.4	550	10.9	31.0	0.001	0.02	0.44	3.5	0.5	1.0	11.5	<0.01	0.05	4.9	0.091
203081		20.9	430	10.6	34.1	0.001	0.01	0.44	2.8	0.4	1.0	11.4	<0.01	0.03	2.0	0.088
203082		29.1	810	9.0	28.4	0.001	0.03	0.59	3.8	0.7	0.7	16.8	<0.01	0.04	7.5	0.088

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
201942		0.22	4.36	31	0.28	31.80	79	1.4
201943		0.12	1.68	22	0.12	6.30	97	<0.5
201944		0.73	3.76	23	0.17	27.90	184	0.9
201945		0.51	4.12	25	0.12	52.50	288	1.0
201946		0.34	1.13	23	0.06	18.70	57	1.9
201947		0.22	3.07	26	0.09	23.20	93	1.9
201948		0.40	1.14	21	0.05	20.50	67	2.0
201949		0.63	1.18	13	0.06	12.75	34	1.7
201950		<0.02	0.07	<1	<0.05	0.72	5	0.7
203052		0.12	5.17	25	0.13	7.79	50	0.7
203053		0.27	8.34	17	0.15	18.30	60	1.0
203054		0.09	3.73	16	0.14	32.00	106	1.7
203055		0.08	3.27	15	0.16	44.20	58	1.1
203056		0.81	10.95	21	0.15	73.80	123	1.0
203057		0.25	10.00	12	0.30	86.50	214	1.4
203058		0.13	2.75	11	0.25	41.40	441	0.8
203059		0.70	10.20	17	0.30	53.00	3110	1.5
203060		0.47	3.51	18	0.30	27.50	2690	2.3
203061		0.46	2.52	26	0.07	32.90	141	0.6
203062		0.43	3.76	16	0.13	26.80	250	0.5
203063		0.19	2.74	13	0.05	20.70	919	0.9
203064		0.26	1.27	30	0.11	7.16	101	0.7
203065		0.34	6.87	44	0.19	65.60	204	1.5
203066		0.31	3.73	34	0.18	14.40	89	0.6
203067		0.43	5.46	53	0.22	73.10	94	1.8
203068		0.07	10.30	34	0.14	23.10	183	1.2
203069		0.07	1.41	35	0.08	5.75	44	<0.5
203070		<0.02	0.07	<1	<0.05	0.70	5	0.6
203071		0.05	1.84	49	0.10	22.80	100	1.5
203072		0.22	3.24	29	0.24	31.80	1640	1.7
203073		0.12	0.83	30	0.21	2.90	37	<0.5
203074		0.16	3.19	22	0.10	39.40	93	0.6
203075		0.11	1.73	24	0.19	13.80	144	2.2
203076		0.09	0.58	42	0.40	2.71	27	0.6
203077		0.14	0.60	33	0.29	3.79	15	<0.5
203078		0.20	3.22	34	0.25	12.30	52	0.6
203079		0.21	9.83	36	0.28	20.40	78	0.7
203080		0.18	1.07	41	0.32	5.18	55	<0.5
203081		0.16	0.80	43	0.34	4.14	40	<0.5
203082		0.14	1.34	37	0.38	10.90	60	<0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06082360

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
203083	0.54	0.006	0.03	0.39	1.1	<10	20	0.11	0.21	0.04	0.05	12.90	2.3	14	2.24
203084	0.46	0.008	0.22	1.28	43.3	<10	120	1.25	0.71	1.40	0.74	34.70	14.3	15	1.98
203085	0.72	0.005	0.13	0.36	12	<10	30	0.38	0.38	14.45	0.37	11.60	3.1	3	0.32
203086	0.70	0.091	0.13	0.80	80	<10	70	0.85	0.63	10.70	1.07	11.40	6.6	9	1.66
203087	0.50	0.008	0.18	1.06	56.8	<10	70	1.01	1.04	1.61	0.85	19.60	8.1	13	0.93
203088	0.44	0.009	0.20	1.01	50.8	<10	110	1.16	1.03	2.20	1.34	25.60	9.8	11	1.49
203089	0.54	0.009	0.30	0.96	63.3	<10	90	1.05	1.48	3.98	2.03	17.10	6.3	11	2.31
203090	0.58	0.009	0.32	0.97	67.0	<10	90	1.06	1.60	3.71	2.10	18.05	6.8	12	2.36
203091	0.64	0.008	0.25	0.82	40.6	<10	90	0.72	2.03	8.63	0.57	19.05	8.7	9	1.32
203092	0.66	0.007	0.11	0.60	28.5	<10	90	0.68	1.06	8.96	0.33	16.10	5.9	6	0.84
203093	0.66	0.008	0.12	0.55	25.1	<10	80	0.55	1.18	8.77	0.22	14.50	8.7	7	0.85
203094	0.58	0.022	0.14	1.19	25.9	<10	300	1.10	0.73	3.86	0.39	26.40	31.0	11	1.29
203095	0.44	0.009	0.12	0.76	33.5	<10	140	0.93	0.87	1.94	0.59	16.15	18.6	8	0.72
203096	0.68	0.007	0.17	0.79	29.9	<10	60	0.68	1.00	9.31	0.62	17.85	8.7	9	1.28
203097	0.84	<0.005	0.10	0.73	16	<10	40	0.44	0.51	11.50	0.28	17.10	5.7	8	1.00
203098	0.58	0.007	0.31	1.12	37.2	<10	90	0.87	0.59	6.75	1.03	18.95	9.4	12	2.16
203099	0.50	0.007	0.32	1.55	33.7	<10	150	1.15	0.51	3.74	0.99	25.20	10.7	17	3.15
203100	0.72	0.008	0.17	1.18	19.6	<10	130	0.72	0.46	5.23	0.60	27.40	10.2	16	1.66
203101	0.70	0.009	0.18	1.10	21.5	<10	120	0.64	0.47	7.25	0.68	24.60	9.6	14	1.71
203102	0.72	0.008	0.17	1.63	22.2	<10	140	0.89	0.68	5.04	0.39	36.10	14.4	22	1.79
203103	0.72	0.021	0.20	1.44	21.0	<10	130	0.86	0.56	2.55	0.61	32.50	10.3	20	1.92
203104	0.58	0.008	0.15	1.40	21.1	<10	140	0.80	0.52	0.83	0.38	33.20	13.1	22	1.53
203105	0.50	0.006	0.11	1.50	27.2	<10	150	1.35	0.71	0.97	0.59	40.10	14.7	19	1.66
203106	0.68	0.009	0.15	1.28	31.5	<10	120	0.81	0.76	1.13	0.27	32.10	13.6	20	1.28
203107	0.64	0.008	0.14	1.21	14.7	<10	100	0.83	0.41	2.89	0.30	33.20	12.8	19	1.24
203108	0.68	0.006	0.15	1.25	21.6	<10	190	0.83	0.66	1.82	0.23	31.60	13.5	19	1.18
203109	0.56	0.009	0.10	1.50	60.7	<10	160	1.79	2.57	0.72	0.38	49.30	36.1	14	1.63
203110	0.54	0.008	0.11	1.46	57.3	<10	150	1.70	2.55	0.78	0.39	46.30	35.0	14	1.65
203111	0.44	0.011	0.22	1.04	37.4	<10	210	0.97	1.25	1.80	0.24	20.80	24.1	11	0.92
203112	0.50	0.006	0.08	1.61	125.0	<10	230	0.93	2.17	0.20	0.37	43.80	26.2	21	1.47
203113	0.48	0.033	0.47	1.51	105.0	<10	1100	1.52	2.67	0.78	0.21	52.90	64.7	17	0.93
203114	0.56	0.020	0.30	2.05	196.5	<10	450	1.72	2.68	0.35	0.20	48.10	66.3	24	1.30
203115	0.52	0.009	0.23	1.44	222.0	<10	80	1.27	1.24	0.96	0.25	24.20	27.0	17	1.21
203116	0.52	0.040	0.15	1.40	19.5	<10	90	1.10	0.49	2.12	0.48	33.70	14.0	19	1.30
203117	0.52	0.005	0.10	1.19	11.0	<10	80	1.00	0.35	3.64	0.33	29.20	13.2	16	1.14
203118	0.54	<0.005	0.10	1.29	10.5	10	100	1.07	0.36	3.36	0.43	31.50	11.6	17	1.20
203119	0.64	0.011	0.12	0.18	41	<10	30	0.33	2.70	13.35	0.09	11.10	6.6	2	0.23
203120	0.68	<0.005	0.06	0.45	10	<10	30	0.42	0.59	13.10	0.14	14.45	5.9	6	0.44
203121	0.72	0.023	0.10	0.87	10.3	10	70	0.79	0.32	8.70	0.28	21.50	8.9	11	0.84
203122	0.54	0.008	0.08	0.64	10	<10	50	0.72	0.39	11.90	0.37	13.10	5.0	6	0.57

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CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
203083		2.7	1.07	4.18	<0.05	<0.02	0.02	0.008	0.05	6.8	3.7	0.10	83	0.39	0.01	0.78
203084		58.2	6.50	3.68	0.22	0.07	0.10	0.060	0.13	17.1	19.2	1.20	4870	1.18	0.01	0.34
203085		23.1	3.74	0.95	0.12	0.07	0.04	0.044	0.04	6.0	5.7	8.90	3480	0.63	0.02	0.15
203086		40.2	7.13	2.19	0.27	0.07	0.06	0.044	0.07	6.0	8.5	5.43	5560	1.31	0.02	0.24
203087		59.7	9.14	3.03	0.26	0.05	0.13	0.077	0.04	10.4	15.2	1.36	6150	1.77	0.01	0.17
203088		54.3	8.19	2.90	0.21	0.06	0.15	0.069	0.07	14.1	12.9	1.46	6820	1.52	0.01	0.17
203089		57.5	12.15	2.53	0.41	0.05	0.13	0.071	0.08	9.3	18.2	2.71	6860	1.77	0.01	0.15
203090		61.5	12.55	2.65	0.41	0.04	0.12	0.072	0.08	9.7	18.9	2.55	6770	1.85	0.01	0.15
203091		49.6	7.22	2.17	0.22	0.06	0.11	0.084	0.11	10.6	15.7	5.32	3790	1.92	0.02	0.25
203092		38.1	6.70	1.74	0.18	0.06	0.05	0.084	0.06	8.6	9.8	5.82	5620	1.33	0.02	0.21
203093		35.8	7.61	1.53	0.17	0.05	0.04	0.100	0.06	7.6	7.0	5.57	6470	1.67	0.02	0.18
203094		102.0	5.77	3.10	0.14	0.07	0.07	0.082	0.11	14.9	14.7	2.83	4110	3.34	0.01	0.32
203095		39.8	4.42	2.12	0.10	0.06	0.10	0.056	0.04	7.7	9.0	0.56	4590	1.33	0.01	0.23
203096		49.0	4.33	2.13	0.20	0.05	0.05	0.034	0.14	9.3	13.7	4.71	3030	0.78	0.01	0.35
203097		29.7	2.56	1.90	0.11	0.10	0.02	0.026	0.17	8.9	12.0	6.69	1955	0.46	0.02	0.15
203098		79.9	6.28	2.90	0.26	0.05	0.09	0.034	0.18	9.9	16.4	2.96	4820	0.80	0.01	0.48
203099		70.6	6.79	4.10	0.25	0.06	0.09	0.042	0.23	13.4	20.0	2.98	5860	0.94	0.02	0.67
203100		43.7	4.23	3.28	0.17	0.06	0.05	0.033	0.15	14.6	15.8	3.56	3310	0.82	0.02	0.62
203101		44.8	4.14	3.06	0.16	0.07	0.04	0.032	0.16	13.1	15.3	4.16	3410	0.77	0.02	0.56
203102		54.7	4.02	4.42	0.14	0.08	0.04	0.042	0.19	18.1	24.0	2.98	2200	1.13	0.02	0.71
203103		52.6	4.90	3.93	0.18	0.07	0.06	0.037	0.14	16.1	18.4	2.12	3220	0.91	0.02	0.79
203104		46.6	4.05	3.96	0.13	0.07	0.04	0.040	0.11	16.3	21.7	1.01	1930	1.20	0.01	0.89
203105		35.7	4.71	4.16	0.17	0.06	0.07	0.061	0.08	19.5	35.4	0.98	4090	1.06	0.01	0.32
203106		50.9	3.44	3.75	0.17	0.06	0.05	0.044	0.12	16.5	34.6	1.16	1305	1.36	0.01	0.54
203107		42.0	2.80	3.67	0.24	0.05	0.05	0.037	0.13	17.2	35.7	2.36	1270	0.94	0.02	0.60
203108		52.1	3.19	3.63	0.16	0.06	0.06	0.041	0.11	16.7	29.6	1.49	1320	1.37	0.02	0.59
203109		108.5	6.61	3.90	0.13	0.08	0.08	0.076	0.05	23.3	16.6	0.42	4610	4.75	0.01	0.22
203110		106.0	6.43	4.00	0.12	0.08	0.07	0.078	0.06	22.5	17.0	0.44	4030	4.71	0.01	0.23
203111		89.7	3.78	2.65	0.09	0.08	0.06	0.050	0.05	12.2	18.5	0.67	2400	3.71	0.01	0.26
203112		56.1	7.12	6.83	0.12	0.03	0.04	0.075	0.06	20.7	26.2	0.38	1695	11.05	0.01	0.77
203113		305.0	9.05	5.03	0.20	0.13	0.12	0.173	0.09	30.4	19.2	0.56	6770	19.45	0.01	0.20
203114		278.0	9.58	6.03	0.21	0.15	0.09	0.172	0.10	29.8	40.1	0.91	6070	16.85	0.01	0.27
203115		86.6	5.88	3.98	0.16	0.09	0.09	0.095	0.09	15.1	36.2	0.91	2800	2.47	0.01	0.31
203116		34.5	3.20	4.63	0.32	0.07	0.06	0.054	0.12	17.0	57.5	2.06	2180	0.68	0.01	0.40
203117		34.8	2.96	3.98	0.34	0.06	0.04	0.050	0.11	15.1	52.4	3.06	2220	0.55	0.01	0.27
203118		24.1	3.37	4.26	0.34	0.05	0.05	0.056	0.14	15.7	57.8	2.98	3080	0.48	0.01	0.21
203119		35.5	5.00	0.58	0.12	0.06	0.04	0.057	0.04	6.1	5.0	8.19	2460	2.45	0.02	0.11
203120		24.5	2.14	1.46	0.18	0.05	0.03	0.031	0.06	7.8	18.1	8.21	1715	0.66	0.02	0.23
203121		26.3	2.55	2.76	0.29	0.08	0.04	0.039	0.12	11.7	35.7	6.01	2080	0.41	0.02	0.26
203122		22.5	3.87	1.79	0.24	0.05	0.03	0.034	0.05	7.6	14.9	7.59	3750	0.73	0.02	0.21

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
203083		4.4	180	5.3	12.9	0.001	0.01	0.20	1.0	0.2	1.0	3.3	<0.01	<0.01	0.6	0.062
203084		29.1	830	273.0	18.3	0.002	0.14	2.06	3.5	1.8	0.4	10.4	0.01	0.12	1.3	0.018
203085		9.7	360	74.2	3.6	0.002	0.07	0.67	2.1	1.0	<0.2	23.4	<0.01	0.03	1.1	0.005
203086		19.1	680	52.3	8.6	0.001	0.11	1.68	2.3	1.3	0.2	21.3	<0.01	0.07	1.9	0.009
203087		25.0	1090	140.5	6.5	0.002	0.20	2.04	2.0	2.4	0.2	8.1	0.01	0.12	0.7	0.007
203088		26.8	1040	171.5	11.6	0.001	0.16	2.07	2.1	2.2	0.2	9.1	0.01	0.13	0.7	0.008
203089		22.6	970	102.5	11.1	0.001	0.21	3.82	2.0	2.5	0.2	10.5	0.01	0.11	0.6	0.007
203090		24.2	980	107.5	11.5	0.001	0.22	3.89	2.1	2.5	0.2	10.4	0.01	0.10	0.7	0.007
203091		25.7	680	45.1	13.3	0.001	0.08	3.96	3.4	1.5	0.2	18.8	0.01	0.05	2.0	0.012
203092		16.9	510	25.2	7.9	0.001	0.04	1.97	2.9	1.1	<0.2	19.7	0.01	0.03	2.0	0.008
203093		16.3	610	25.3	7.9	0.001	0.04	1.38	3.1	1.1	<0.2	19.2	0.01	0.05	1.8	0.008
203094		32.4	770	53.4	15.8	0.001	0.08	1.45	5.7	1.4	0.3	13.2	0.01	0.12	8.7	0.023
203095		23.7	1180	58.2	6.4	0.001	0.19	1.35	1.9	1.4	0.2	12.0	0.01	0.07	1.6	0.009
203096		19.3	500	128.0	13.1	0.001	0.17	1.55	3.4	1.0	0.2	27.9	<0.01	0.03	2.8	0.014
203097		13.3	380	53.4	12.1	0.001	0.09	0.82	2.9	0.7	0.2	36.1	<0.01	0.01	3.0	0.011
203098		23.1	600	273.0	19.0	0.001	0.15	2.00	3.6	1.3	0.3	25.3	0.01	0.07	2.5	0.021
203099		24.7	840	255.0	28.2	0.001	0.10	1.68	4.3	1.6	0.4	19.5	0.01	0.09	2.6	0.029
203100		23.4	650	122.0	16.2	<0.001	0.03	1.17	4.4	1.0	0.3	25.0	0.01	0.03	3.8	0.033
203101		21.8	620	156.5	16.6	0.001	0.03	1.21	4.0	0.8	0.3	32.8	<0.01	0.03	5.0	0.031
203102		27.9	550	64.5	19.8	0.001	0.03	1.36	5.4	1.0	0.4	26.2	0.01	0.05	5.5	0.035
203103		26.7	690	117.0	18.5	0.001	0.03	1.25	4.9	1.1	0.4	17.8	0.01	0.05	4.6	0.039
203104		29.0	390	61.5	15.0	0.001	0.04	1.23	4.6	1.0	0.4	13.9	<0.01	0.05	3.8	0.038
203105		25.2	890	55.2	15.5	0.001	0.12	1.25	3.4	1.6	0.3	9.0	0.01	0.07	1.4	0.018
203106		26.5	590	18.0	14.5	0.001	0.06	1.19	4.6	1.2	0.3	12.3	0.01	0.05	3.0	0.027
203107		24.1	610	14.5	15.8	0.001	0.04	1.11	4.8	1.0	0.3	17.5	<0.01	0.04	3.1	0.034
203108		26.5	790	15.1	14.4	<0.001	0.06	1.21	4.7	1.1	0.3	16.1	<0.01	0.05	3.4	0.029
203109		43.4	1040	31.7	11.5	0.001	0.10	2.63	3.4	1.7	0.3	9.3	0.01	0.17	6.6	0.008
203110		41.9	1050	32.2	11.9	0.001	0.10	2.65	3.3	1.7	0.3	10.0	0.01	0.16	5.9	0.008
203111		44.3	1000	15.3	8.6	0.001	0.17	2.10	2.9	1.9	0.2	14.9	<0.01	0.12	3.6	0.008
203112		24.2	530	25.1	12.9	0.001	0.03	2.74	2.8	0.7	0.5	6.6	<0.01	0.19	13.1	0.015
203113		78.2	1460	21.4	16.2	0.002	0.14	3.13	11.9	3.4	0.3	14.6	0.01	0.31	9.3	0.007
203114		87.4	970	22.7	15.6	0.001	0.07	4.41	11.7	3.2	0.3	7.4	0.01	0.30	15.1	0.009
203115		48.9	960	19.4	13.5	0.001	0.08	2.15	5.4	1.8	0.2	12.0	0.01	0.12	4.5	0.016
203116		24.5	600	17.8	17.7	0.001	0.07	1.12	5.0	1.4	0.4	11.4	0.01	0.05	2.1	0.024
203117		22.4	720	17.9	16.1	0.001	0.08	0.97	4.2	1.4	0.3	13.2	0.01	0.04	1.5	0.018
203118		19.0	670	18.2	18.6	0.001	0.07	0.86	4.2	1.3	0.3	10.7	0.01	0.05	1.3	0.016
203119		26.3	490	10.5	3.3	0.001	0.06	3.48	2.5	1.6	<0.2	22.3	<0.01	0.04	1.7	<0.005
203120		11.9	350	10.8	6.8	0.001	0.04	0.82	2.8	1.0	<0.2	21.7	<0.01	0.03	1.6	0.011
203121		15.4	490	16.8	14.5	0.001	0.04	1.01	4.3	1.1	0.2	20.3	0.01	0.03	2.1	0.015
203122		11.7	470	39.4	6.5	0.001	0.07	1.00	2.4	1.2	<0.2	18.8	0.01	0.03	1.2	0.010

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
203083		0.10	0.43	24	0.08	1.43	9	<0.5
203084		0.55	0.84	32	0.12	22.60	513	1.1
203085		0.26	0.39	11	<0.05	12.60	239	1.6
203086		0.46	0.79	33	0.11	10.30	1625	2.1
203087		0.60	1.29	39	0.09	18.50	1030	0.9
203088		0.97	0.98	30	0.09	21.40	1295	0.8
203089		2.89	0.91	43	0.10	17.80	3380	0.6
203090		3.13	0.98	44	0.09	18.40	3500	0.7
203091		2.72	0.77	28	0.11	15.10	679	1.5
203092		1.47	0.59	23	0.09	13.20	245	1.5
203093		0.83	0.97	24	0.07	13.00	145	1.2
203094		0.84	2.41	26	0.20	15.25	337	1.8
203095		0.42	0.99	16	0.06	9.76	268	1.6
203096		1.06	0.48	20	0.09	12.60	500	1.3
203097		0.33	0.38	14	0.09	9.87	193	4.2
203098		0.86	0.53	28	0.11	13.95	909	1.3
203099		0.61	0.80	35	0.15	16.55	785	1.3
203100		0.42	0.61	31	0.20	13.60	420	1.4
203101		0.48	0.58	28	0.15	12.15	449	2.8
203102		0.37	0.74	34	0.16	13.70	210	2.1
203103		0.50	0.54	37	0.19	14.95	473	1.8
203104		0.36	0.82	39	0.18	13.10	313	1.7
203105		0.30	1.00	32	0.09	20.30	280	1.0
203106		0.15	0.67	33	0.13	14.60	117	1.4
203107		0.13	0.61	32	0.12	14.60	108	1.2
203108		0.12	0.89	31	0.13	14.25	90	1.5
203109		0.16	4.17	23	0.07	15.60	104	1.9
203110		0.17	4.15	23	0.07	15.50	103	1.7
203111		0.11	4.83	15	0.06	10.95	105	2.0
203112		0.15	1.96	41	0.13	3.97	48	1.1
203113		0.11	9.29	28	0.16	35.30	66	2.8
203114		0.15	9.33	37	0.16	31.50	80	3.4
203115		0.14	2.13	26	0.11	18.85	98	1.9
203116		0.22	0.51	29	0.10	20.40	161	1.7
203117		0.17	0.50	23	0.09	20.30	116	1.2
203118		0.19	0.40	25	0.10	21.10	139	1.0
203119		2.93	0.85	14	0.07	12.30	43	1.9
203120		0.70	0.46	14	0.07	11.60	62	1.5
203121		0.18	0.43	18	0.08	16.75	98	2.1
203122		0.48	0.61	16	0.06	14.30	221	1.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
203123		0.52	0.009	0.27	1.43	40.5	<10	100	1.78	0.44	4.06	3.50	29.90	9.0	16	2.24
203124		0.70	0.008	0.21	0.98	45.7	<10	60	1.02	0.49	9.07	1.72	16.30	6.7	10	1.28
203125		0.62	0.007	0.11	0.56	23	<10	60	0.62	0.55	11.10	0.33	14.10	4.0	5	0.42
203126		0.58	0.010	0.32	1.28	25.0	<10	80	1.11	1.77	2.79	0.32	28.70	21.2	16	1.07
203127		0.62	0.010	0.21	1.53	21.1	<10	50	1.02	1.85	2.15	0.14	28.00	26.3	18	1.19
203128		0.56	0.012	0.40	0.89	41.3	<10	70	0.90	3.66	5.15	0.10	19.15	36.4	10	0.70
203129		0.50	0.016	0.29	1.28	28.6	<10	60	1.00	1.66	3.98	0.22	18.50	36.3	13	0.48
203130		0.06	0.006	0.01	0.01	<0.1	<10	<10	<0.05	0.04	0.02	0.03	1.24	0.1	<1	<0.05
203131		0.70	0.016	0.33	0.40	13	<10	40	0.45	0.97	10.75	0.07	10.50	31.0	3	0.21
203132		0.44	0.021	0.25	0.48	32.7	<10	70	0.78	1.22	4.36	0.20	17.00	29.4	6	0.33
203133		0.66	0.009	0.64	2.91	93.5	<10	40	1.63	0.85	3.52	0.10	19.45	28.1	26	3.13
203134		0.68	0.007	0.29	4.90	23.6	<10	50	4.02	2.31	0.76	0.14	16.85	50.1	44	5.27
203135		0.52	0.007	0.11	1.56	9.2	<10	700	1.19	0.73	1.10	0.27	39.60	11.1	21	1.57
203136		0.64	0.007	0.18	1.02	8.0	10	140	0.75	0.24	8.12	0.36	20.10	10.2	13	1.33
203137		0.60	0.005	0.19	2.37	30.9	<10	190	1.45	0.70	0.68	0.17	89.80	30.8	32	4.34
203138		0.62	<0.005	0.11	1.33	28.0	<10	100	0.64	0.72	0.81	0.12	43.80	14.1	21	1.63
203139		0.56	<0.005	0.08	1.03	11.3	<10	90	0.48	0.32	2.12	0.21	32.10	11.2	17	1.78
203140		0.46	<0.005	0.11	0.84	10.2	<10	180	0.51	0.28	1.75	0.30	18.85	9.4	13	0.58
203141		0.52	<0.005	0.13	1.85	7.2	<10	120	1.70	0.49	1.25	0.18	45.90	12.8	29	3.96
203142		0.62	0.008	1.20	2.06	285.0	<10	120	1.39	15.40	1.35	2.06	57.00	84.8	26	4.51
203143		0.62	<0.005	0.24	1.41	20.3	<10	100	0.69	1.01	1.31	0.39	28.40	15.0	20	1.65
203144		0.66	<0.005	0.04	1.42	12.6	<10	80	0.42	0.45	0.13	0.18	28.10	7.8	25	2.08
203145		0.56	<0.005	0.08	1.98	6.9	<10	110	1.54	0.52	1.24	0.24	37.80	15.3	39	4.99
203146		0.54	0.005	0.08	2.43	7.9	<10	130	2.30	1.50	0.99	0.12	83.70	22.5	34	7.40
203147		0.52	0.010	0.10	1.79	674.0	<10	90	0.95	0.77	0.14	0.22	42.30	148.5	25	3.63
203148		0.74	<0.005	0.14	1.70	23.5	<10	110	1.20	0.51	0.40	0.28	38.50	10.2	23	1.57
203149		0.74	0.018	1.31	1.94	225.0	<10	100	1.13	2.99	0.44	0.43	273.00	45.3	13	1.13
203150		0.60	<0.005	0.08	1.93	7.4	<10	50	1.09	0.36	1.04	0.17	32.80	14.1	20	1.81
203151		0.54	<0.005	0.07	1.94	6.9	<10	50	1.13	0.29	1.15	0.22	30.00	13.3	21	1.82
203152		0.58	0.032	0.25	1.56	31.7	<10	650	2.27	1.95	0.65	0.35	35.10	81.5	14	1.05
203153		0.58	0.015	0.12	1.33	52.3	<10	250	0.69	2.01	0.77	0.44	49.70	88.6	18	0.79
203154		0.70	0.011	0.10	1.48	15.1	<10	230	0.86	0.43	0.92	0.24	142.50	105.5	19	0.73
203155		0.78	0.190	0.34	1.44	170.5	<10	70	2.22	39.80	0.22	0.08	41.90	544.0	16	0.79
203156		0.82	0.021	0.22	1.64	244.0	<10	60	0.75	5.66	0.08	0.06	45.30	47.0	19	0.98
203157		0.50	0.025	0.16	1.24	87.2	<10	160	0.71	2.50	0.97	0.28	19.10	105.0	14	0.43
203158		0.62	0.044	0.10	0.94	7.2	<10	130	0.37	1.89	0.67	0.08	37.30	29.0	22	0.38
203159		0.86	0.027	0.16	1.29	9.3	<10	160	0.63	1.13	0.64	0.13	68.40	40.5	25	0.91
203160		0.76	0.033	0.11	1.34	8.7	<10	180	0.44	0.73	0.45	0.16	70.80	22.5	25	0.57
203161		0.42	0.012	0.20	0.66	29.5	<10	90	0.82	4.36	8.00	0.17	21.30	34.6	7	0.57
203162		0.48	<0.005	0.18	0.87	23.5	<10	190	1.11	2.52	1.49	0.47	28.90	15.1	10	0.60

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
203123		46.8	7.86	4.29	0.77	0.09	0.12	0.051	0.16	16.1	63.4	3.65	4870	1.17	0.01	0.38
203124		58.4	7.09	2.74	0.63	0.09	0.05	0.040	0.16	9.2	23.9	6.07	5260	1.22	0.02	0.31
203125		30.4	5.52	1.58	0.26	0.05	0.05	0.060	0.05	8.0	13.9	7.04	4800	0.79	0.02	0.14
203126		62.7	5.53	3.42	0.19	0.09	0.09	0.117	0.12	14.2	26.5	2.54	3420	1.84	0.01	0.18
203127		124.5	4.72	3.78	0.19	0.08	0.06	0.113	0.12	14.2	34.8	2.80	2510	1.68	0.01	0.16
203128		241.0	6.49	2.39	0.15	0.09	0.05	0.172	0.11	10.0	11.9	3.45	3970	3.93	0.02	0.14
203129		37.2	9.15	3.41	0.23	0.10	0.08	0.166	0.07	9.5	19.1	3.17	5220	3.17	0.01	0.16
203130		1.1	0.04	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.1	0.01	16	<0.05	<0.01	<0.05
203131		20.6	9.71	1.25	0.21	0.09	0.03	0.215	0.02	4.6	3.6	6.47	5930	1.29	0.02	0.16
203132		29.2	8.78	1.46	0.19	0.08	0.07	0.171	0.04	8.2	6.0	2.30	5870	1.99	0.01	0.17
203133		66.5	10.25	6.98	1.55	0.16	0.15	0.099	0.12	10.2	71.0	5.26	4030	3.04	0.01	0.12
203134		12.3	3.99	10.90	0.64	0.18	0.06	0.143	0.04	8.9	141.0	7.01	1385	1.61	0.01	0.16
203135		40.1	3.54	4.37	0.11	0.07	0.10	0.090	0.11	22.2	13.4	0.58	1900	1.15	0.01	0.42
203136		25.8	2.37	2.69	0.08	0.07	0.09	0.035	0.13	9.9	13.4	5.23	770	0.70	0.02	0.23
203137		320.0	3.79	7.26	0.21	0.09	0.06	0.051	0.13	66.6	36.2	1.06	1095	0.96	0.01	1.09
203138		57.8	2.60	4.11	0.11	0.05	0.04	0.033	0.07	25.6	25.6	0.66	864	2.61	0.01	0.80
203139		36.5	2.30	3.44	0.11	0.04	0.03	0.025	0.09	15.7	17.0	0.85	1020	0.55	0.02	1.04
203140		21.1	2.15	2.59	0.08	0.08	0.05	0.029	0.06	9.5	14.2	0.50	520	1.21	0.01	0.33
203141		16.1	2.46	7.42	0.12	0.05	0.07	0.047	0.08	26.5	32.8	1.02	1075	0.58	0.02	1.77
203142		481.0	4.15	7.10	0.15	0.05	0.08	0.081	0.07	28.5	42.8	0.89	3820	2.02	0.02	1.55
203143		71.6	2.81	3.88	0.09	0.05	0.07	0.049	0.07	14.9	21.3	0.68	983	0.62	0.01	0.71
203144		15.8	3.48	7.25	0.09	<0.02	0.03	0.037	0.08	13.6	18.8	0.33	370	1.65	0.01	1.70
203145		56.4	2.54	8.06	0.11	0.04	0.07	0.044	0.10	21.9	32.9	1.26	1410	0.53	0.02	1.70
203146		211.0	3.27	9.11	0.18	0.06	0.05	0.044	0.09	52.7	54.8	1.17	1530	1.84	0.03	1.68
203147		406.0	4.19	5.61	0.12	0.03	0.07	0.056	0.07	19.3	32.5	0.41	1605	1.70	0.01	0.70
203148		24.1	4.95	4.51	0.16	0.08	0.09	0.065	0.10	23.2	34.2	0.88	1875	0.87	0.01	0.57
203149		2590.0	9.06	6.65	0.47	0.28	0.12	0.236	0.06	145.0	29.8	0.97	8570	12.30	0.01	0.37
203150		33.2	2.97	5.03	0.48	0.08	0.04	0.065	0.15	16.4	75.2	3.12	2020	0.56	0.01	0.20
203151		26.7	2.89	5.06	0.42	0.08	0.04	0.058	0.15	14.7	74.5	3.11	2050	0.51	0.01	0.22
203152		450.0	9.38	4.67	0.20	0.21	0.19	0.482	0.08	17.5	13.3	0.77	15250	13.70	0.01	0.26
203153		146.0	4.86	4.00	0.14	0.12	0.09	0.115	0.05	27.8	10.1	0.51	5870	12.45	0.01	0.27
203154		31.0	5.25	5.08	0.23	0.14	0.07	0.133	0.06	81.1	14.0	0.73	7560	1.82	0.01	0.32
203155		1570.0	6.32	3.32	0.16	0.14	0.02	0.117	0.11	22.4	8.5	0.25	2830	55.10	0.06	0.19
203156		324.0	6.83	4.74	0.16	0.06	0.02	0.086	0.08	22.2	9.1	0.41	512	10.65	0.02	0.21
203157		814.0	6.11	3.88	0.13	0.14	0.12	0.200	0.06	10.4	10.2	0.49	9980	7.91	0.01	0.15
203158		56.5	4.73	2.96	0.12	0.09	0.07	0.062	0.09	19.6	7.2	0.44	3480	1.64	0.01	0.15
203159		31.8	4.79	3.85	0.13	0.10	0.04	0.086	0.08	36.6	14.6	0.66	3880	2.06	0.01	0.40
203160		43.2	4.26	4.34	0.15	0.10	0.06	0.071	0.06	44.8	13.1	0.57	2840	1.51	0.01	0.37
203161		59.4	5.69	2.12	0.14	0.06	0.07	0.134	0.04	12.1	6.5	4.87	6960	9.12	0.02	0.20
203162		44.5	8.07	2.74	0.18	0.08	0.14	0.187	0.03	14.8	4.8	0.54	11450	2.31	0.01	0.16

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
203123		22.8	700	332.0	18.4	0.001	0.06	2.02	5.7	2.1	0.3	11.6	0.01	0.06	3.0	0.021
203124		19.4	870	189.0	14.8	0.001	0.10	2.56	3.6	1.7	0.2	20.9	0.01	0.07	2.5	0.012
203125		12.4	590	24.6	5.8	0.001	0.10	1.11	2.1	1.5	<0.2	17.7	0.01	0.04	0.8	0.006
203126		35.4	880	49.2	13.4	0.001	0.09	2.23	4.8	1.8	0.2	11.2	0.01	0.06	2.1	0.009
203127		31.4	750	23.1	12.7	0.001	0.10	1.71	5.2	1.4	0.2	10.0	0.01	0.07	2.6	0.009
203128		46.7	900	23.2	8.9	0.001	0.14	3.08	4.9	1.7	0.2	20.0	0.01	0.10	4.2	<0.005
203129		44.5	970	32.5	6.9	0.001	0.30	1.64	5.0	2.2	0.2	15.8	0.01	0.09	2.3	0.007
203130		0.4	10	1.7	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.2	<0.005
203131		35.7	420	10.5	2.4	0.001	0.26	0.84	2.9	1.3	<0.2	23.3	0.01	0.05	1.7	<0.005
203132		49.3	870	25.9	4.1	0.001	0.26	1.37	3.5	2.3	<0.2	13.2	0.01	0.09	1.4	0.007
203133		74.4	1120	204.0	13.8	0.001	0.32	8.65	8.4	2.8	0.2	12.3	0.01	0.26	4.2	0.007
203134		32.7	740	16.4	7.6	0.001	0.08	3.39	8.3	1.2	0.4	8.5	0.01	0.05	11.7	0.008
203135		19.5	910	32.1	15.2	0.001	0.08	0.86	6.2	1.3	0.5	15.2	0.01	0.05	3.1	0.012
203136		20.9	780	66.2	9.8	0.001	0.04	0.89	4.3	0.8	0.3	28.7	<0.01	0.02	3.0	0.006
203137		39.3	850	25.1	25.8	0.001	0.07	0.89	5.1	1.5	0.5	19.1	0.01	0.08	7.4	0.032
203138		23.2	490	16.5	14.2	0.001	0.07	0.72	3.1	1.9	0.3	17.9	0.01	0.04	5.4	0.027
203139		21.5	450	22.5	15.5	0.001	0.08	0.64	2.9	0.9	0.3	18.4	0.01	0.04	4.6	0.035
203140		20.4	570	25.0	10.5	0.001	0.07	0.92	2.5	1.1	0.3	22.0	<0.01	0.03	2.1	0.006
203141		29.2	890	20.0	24.2	0.001	0.08	0.50	5.0	1.1	0.6	21.1	0.01	0.04	10.2	0.048
203142		43.1	1050	153.0	27.8	0.001	0.10	1.05	3.9	1.5	0.5	16.4	0.01	0.08	5.8	0.054
203143		27.1	850	48.5	12.6	0.001	0.12	0.92	3.1	1.4	0.3	23.1	0.01	0.06	2.9	0.019
203144		16.5	430	20.5	21.3	<0.001	0.04	0.96	2.0	0.6	0.9	10.6	<0.01	0.05	1.2	0.051
203145		41.8	1020	25.3	28.6	0.001	0.08	0.52	5.5	1.2	0.8	18.4	0.01	0.05	6.6	0.066
203146		32.4	960	20.1	24.0	0.001	0.07	0.60	4.6	1.7	0.7	32.5	0.01	0.06	6.4	0.071
203147		71.1	790	15.7	13.5	0.001	0.05	1.14	2.0	0.9	0.4	8.8	0.01	0.12	2.6	0.020
203148		22.5	570	62.5	17.5	<0.001	0.03	1.31	5.5	1.2	0.4	9.3	0.01	0.07	3.6	0.022
203149		70.1	850	21.7	8.8	<0.001	0.11	4.01	7.0	2.9	0.3	14.3	0.02	0.49	15.3	0.019
203150		20.1	460	11.3	18.2	<0.001	0.06	1.46	4.8	1.1	0.3	4.6	0.01	0.06	2.7	0.019
203151		19.5	480	11.5	19.5	<0.001	0.07	1.36	4.5	1.2	0.3	5.2	0.01	0.05	2.4	0.020
203152		52.2	1640	17.2	12.4	<0.001	0.11	2.29	17.3	2.8	0.4	8.3	0.02	0.22	10.5	0.016
203153		44.9	1360	14.0	7.7	<0.001	0.13	1.13	6.8	2.1	0.3	10.1	0.01	0.16	5.4	0.018
203154		65.1	910	10.2	8.7	<0.001	0.09	0.94	16.0	1.9	0.5	13.4	0.01	0.07	8.6	0.024
203155		169.5	1200	10.9	9.4	<0.001	0.41	4.16	7.5	4.2	0.2	13.4	0.01	0.95	28.5	0.007
203156		40.8	1170	11.5	10.6	<0.001	0.10	3.62	3.4	1.9	0.2	7.8	<0.01	0.34	20.5	0.005
203157		42.9	1430	10.7	8.8	<0.001	0.16	0.95	13.6	2.2	0.3	9.5	0.01	0.23	8.1	0.008
203158		27.4	670	10.1	7.3	<0.001	0.15	0.67	5.8	1.1	0.6	5.9	<0.01	0.21	17.5	0.025
203159		44.1	700	12.9	8.0	<0.001	0.03	0.80	7.9	1.0	0.6	12.9	0.01	0.14	19.8	0.036
203160		34.1	720	9.2	8.1	<0.001	0.04	0.66	7.0	1.1	0.5	8.6	0.01	0.12	9.5	0.032
203161		31.7	910	17.9	6.6	<0.001	0.07	1.39	3.4	1.8	0.2	21.5	0.01	0.06	1.5	0.011
203162		29.5	1440	24.1	4.3	<0.001	0.17	1.53	2.2	2.5	0.2	11.5	0.01	0.10	0.5	0.008

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
203123		1.84	0.68	41	0.15	26.40	2420	1.9
203124		1.70	0.75	31	0.15	17.75	1145	2.8
203125		0.97	0.55	18	0.05	17.85	213	1.3
203126		0.50	1.17	28	0.08	22.20	152	1.6
203127		0.29	1.24	23	0.07	19.30	59	1.7
203128		0.51	1.64	21	0.07	17.10	38	2.3
203129		0.60	1.52	26	0.09	23.40	104	1.9
203130		<0.02	0.08	<1	<0.05	0.70	5	0.6
203131		0.61	1.36	12	0.06	14.45	30	2.4
203132		0.45	2.45	16	0.10	22.00	78	1.4
203133		4.00	0.93	51	0.06	19.85	62	5.2
203134		0.77	3.08	40	0.05	13.45	50	5.1
203135		0.16	2.68	36	0.15	20.80	88	0.9
203136		0.11	0.71	19	0.09	10.10	144	1.9
203137		0.26	2.14	39	0.24	17.80	98	1.5
203138		0.12	17.30	24	0.14	11.70	74	0.8
203139		0.16	1.19	21	0.22	8.27	109	1.0
203140		0.11	1.06	27	0.08	6.31	89	2.3
203141		0.16	7.20	35	0.40	15.60	91	0.6
203142		0.41	4.96	37	0.61	16.00	370	0.7
203143		0.16	1.88	25	0.10	14.50	178	0.9
203144		0.19	0.89	64	0.30	2.95	75	<0.5
203145		0.23	2.27	40	0.60	14.75	66	0.6
203146		0.21	8.49	41	0.52	30.30	62	0.5
203147		0.13	1.73	38	0.17	8.28	53	<0.5
203148		0.28	0.87	38	0.14	22.60	182	1.4
203149		0.39	3.04	26	0.19	47.30	297	5.9
203150		0.19	0.71	20	0.05	20.50	52	1.7
203151		0.19	0.75	21	0.05	19.35	57	1.7
203152		0.83	7.19	29	0.41	48.80	45	3.4
203153		0.17	8.64	33	0.22	20.60	71	2.0
203154		0.09	2.91	32	0.21	38.40	57	1.7
203155		0.06	27.80	20	0.13	19.85	28	3.3
203156		0.06	4.67	19	0.06	5.65	17	2.6
203157		0.11	7.59	23	0.16	22.70	53	2.2
203158		0.20	3.53	28	0.31	12.25	33	1.8
203159		0.25	2.46	37	0.29	16.05	50	1.9
203160		0.13	2.22	36	0.31	17.10	37	1.6
203161		0.86	1.58	20	0.14	22.00	42	1.1
203162		0.65	1.15	24	0.13	33.10	63	0.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 23-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
203163		0.66	0.006	0.27	0.69	19.9	<10	130	0.78	3.30	9.04	0.25	20.90	12.5	9	0.43
203164		0.52	<0.005	0.12	0.54	18.1	<10	120	0.69	1.86	8.22	0.25	16.60	12.2	6	0.42
203165		0.80	0.015	0.08	0.94	10.6	<10	360	0.40	0.91	0.65	0.33	23.20	28.5	18	0.70
203166		0.68	0.006	0.14	0.60	25	<10	60	0.73	1.87	10.85	0.12	17.05	13.7	6	0.46
203167		0.50	0.012	0.13	0.52	24	<10	70	0.42	3.55	11.65	0.07	24.40	32.0	8	0.32
203168		0.50	0.013	0.16	1.04	20.0	<10	170	0.74	2.94	3.86	0.30	34.30	23.7	14	0.52
203169		0.56	0.022	0.24	1.34	20.1	<10	200	0.85	3.14	1.08	0.25	73.10	31.7	19	0.38
203170		0.52	0.020	0.24	1.38	20.7	<10	210	0.88	3.19	0.93	0.27	81.60	32.8	20	0.41
203171		0.60	0.015	0.23	1.26	16.0	<10	210	0.83	2.47	2.48	0.22	64.10	35.9	29	0.67
203172		0.70	0.016	0.13	1.66	37.5	<10	210	0.88	1.24	0.55	0.21	106.00	64.0	24	1.00
203173		0.50	0.022	0.17	1.29	23.5	<10	190	0.77	2.67	3.51	0.24	24.90	40.8	15	0.82
203174		0.64	0.035	0.07	1.57	12.3	<10	160	0.62	0.61	0.22	0.28	61.50	73.2	23	0.81
203175		0.76	0.026	0.09	1.42	11.0	<10	110	0.72	0.53	0.35	0.18	61.20	89.8	20	0.79
203202		0.44	0.006	0.05	1.26	14.5	<10	710	3.13	0.33	0.24	0.17	32.00	25.7	16	7.57
203203		0.58	<0.005	0.03	1.31	8.5	<10	230	1.67	0.27	0.04	0.12	46.00	17.4	21	5.28
203204		0.40	<0.005	0.03	1.38	8.8	<10	190	1.72	0.37	0.09	0.06	52.20	16.6	20	4.63
203205		0.36	0.011	0.06	1.85	6.6	<10	180	1.50	0.70	0.10	0.06	98.70	45.0	17	2.56
203206		0.50	<0.005	0.03	1.74	5.3	<10	130	1.93	0.63	0.05	0.02	37.90	29.3	19	3.10
203207		0.64	<0.005	0.03	1.09	5.6	<10	160	1.41	0.25	0.06	0.06	43.90	19.3	19	2.64
203208		0.62	<0.005	0.03	1.04	6.1	<10	140	1.60	0.24	0.05	0.08	44.10	16.8	19	3.03
203209		0.40	0.010	0.06	0.78	9.0	<10	140	0.87	0.47	0.45	0.18	23.00	53.3	9	1.41
203210		0.36	0.019	0.06	0.74	9.3	<10	160	0.83	0.45	0.43	0.20	23.20	56.1	9	1.56
203211		0.56	0.015	0.08	0.96	8.5	<10	260	2.33	0.18	0.18	0.14	30.40	19.6	15	3.56
203212		0.46	<0.005	0.07	1.19	6.4	<10	290	0.73	0.54	0.33	0.13	35.20	23.3	12	0.98
203213		0.64	<0.005	0.06	1.17	7.6	<10	350	0.98	0.41	0.24	0.19	35.10	38.6	11	2.12
203214		0.62	0.005	0.68	1.11	7.0	<10	700	0.87	0.42	0.32	0.09	23.60	27.6	10	1.25
203215		0.32	0.007	0.16	0.90	4.1	<10	170	0.52	0.58	0.77	0.29	31.60	17.5	10	1.28
203216		0.36	<0.005	0.07	1.20	3.4	<10	240	0.84	0.45	0.43	0.15	39.40	17.9	11	1.17
203217		0.54	<0.005	0.06	2.51	2.0	<10	130	2.80	0.13	0.11	0.01	105.00	19.5	31	3.22
203218		0.46	0.006	0.06	2.15	3.2	<10	280	2.73	0.20	0.10	0.04	76.10	21.1	24	4.09
203219		0.64	0.006	0.05	1.64	3.9	<10	100	2.52	0.27	0.16	0.05	149.00	19.6	24	2.12
203220		0.74	0.005	0.06	2.35	4.2	<10	80	2.24	0.24	0.10	0.02	161.50	38.4	29	4.33
203221		0.54	0.020	0.13	2.00	20.5	<10	50	1.44	0.89	0.03	0.05	73.40	31.3	25	5.27
203222		0.42	0.007	0.07	1.28	20.8	<10	70	0.70	0.67	0.04	0.08	42.10	8.9	19	1.84
203223		0.50	0.025	0.07	1.99	67.8	<10	30	0.71	0.89	0.06	0.04	134.50	26.0	24	3.21
203224		0.54	0.007	0.07	1.78	29.4	<10	40	0.99	0.64	0.08	0.09	167.00	19.6	27	3.95
203225		0.40	0.023	0.07	1.52	14.5	<10	50	1.07	0.82	0.21	0.16	80.40	23.5	20	1.58
203226		0.64	0.006	0.04	2.82	7.6	<10	150	4.32	0.48	0.16	0.10	212.00	22.7	29	3.88
203227		0.30	<0.005	0.10	0.75	12.4	<10	30	0.16	0.65	0.04	0.06	30.90	6.6	13	0.99
203228		0.42	0.022	0.07	1.58	12.9	<10	40	1.30	1.50	0.04	0.05	83.70	23.2	24	1.57

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-SEP-2006
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CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
203163		43.9	4.66	2.03	0.11	0.07	0.09	0.124	0.05	11.5	6.4	5.14	6150	2.00	0.02	0.24
203164		34.4	5.08	1.64	0.13	0.06	0.07	0.111	0.03	8.9	5.9	4.67	7050	1.72	0.02	0.18
203165		178.0	7.43	3.63	0.14	0.10	0.06	0.223	0.07	13.1	11.6	0.59	12450	8.13	0.01	0.21
203166		29.0	5.48	1.85	0.22	0.09	0.06	0.104	0.04	9.2	7.5	6.85	6590	2.16	0.02	0.17
203167		57.8	3.72	1.91	0.11	0.06	0.03	0.077	0.03	14.1	7.5	5.67	4450	3.94	0.02	0.15
203168		72.0	4.54	3.09	0.11	0.07	0.07	0.115	0.05	17.4	11.0	2.16	5110	3.22	0.01	0.33
203169		54.3	5.31	3.80	0.14	0.10	0.08	0.116	0.07	40.2	12.7	0.83	5440	4.10	0.01	0.33
203170		56.6	5.50	3.94	0.15	0.11	0.07	0.118	0.08	45.0	12.8	0.79	5730	4.13	0.01	0.34
203171		106.5	5.97	4.36	0.16	0.11	0.11	0.154	0.07	35.4	15.1	1.68	7870	4.20	0.01	0.24
203172		30.6	6.02	5.26	0.18	0.14	0.12	0.159	0.06	63.3	20.4	0.70	5630	6.22	0.01	0.35
203173		155.0	5.47	3.68	0.13	0.11	0.08	0.158	0.07	15.8	12.7	2.41	6580	7.60	0.02	0.29
203174		14.8	4.98	4.34	0.10	0.02	0.07	0.070	0.08	19.3	17.4	0.36	2600	2.22	0.01	0.60
203175		18.2	5.43	4.33	0.15	0.10	0.08	0.088	0.06	37.2	17.0	0.58	4090	4.30	0.01	0.36
203202		6.4	6.55	3.82	0.14	0.20	0.49	0.196	0.04	16.7	28.6	0.45	9930	1.02	0.01	0.10
203203		5.6	4.92	4.06	0.12	0.04	0.04	0.089	0.04	20.1	38.9	0.64	4220	2.99	0.01	0.06
203204		43.3	4.72	4.25	0.12	0.06	0.08	0.063	0.04	24.4	39.1	0.61	1915	9.23	0.01	0.08
203205		506.0	6.54	5.92	0.19	0.13	0.07	0.112	0.04	49.3	51.4	0.72	6970	13.00	0.01	0.07
203206		238.0	7.19	5.26	0.15	0.08	0.08	0.121	0.04	19.0	43.4	0.66	6250	13.05	0.01	0.09
203207		6.3	6.78	3.55	0.15	0.08	0.09	0.097	0.03	20.0	28.9	0.54	5180	5.62	0.01	0.08
203208		7.1	5.30	3.46	0.14	0.05	0.09	0.069	0.03	19.7	32.2	0.58	3570	3.07	0.01	0.07
203209		50.6	5.22	2.40	0.10	0.08	0.13	0.137	0.03	11.6	14.9	0.30	7520	5.83	0.01	0.15
203210		55.0	5.12	2.50	0.10	0.06	0.14	0.118	0.03	11.3	13.5	0.27	8170	5.90	0.01	0.15
203211		7.0	7.62	3.48	0.12	0.08	0.14	0.209	0.04	12.8	26.5	0.52	9780	1.80	0.01	0.10
203212		58.4	4.63	3.52	0.09	0.08	0.09	0.081	0.03	18.0	36.6	0.60	6350	1.82	<0.01	0.09
203213		58.9	7.06	3.91	0.12	0.09	0.07	0.146	0.04	18.0	31.4	0.60	8130	3.16	0.01	0.13
203214		96.3	4.73	2.92	0.09	0.05	0.08	0.107	0.04	11.3	26.9	0.44	5270	2.84	<0.01	0.08
203215		35.6	2.79	3.50	0.06	0.03	0.13	0.050	0.05	12.6	18.9	0.40	4650	1.27	0.01	0.17
203216		43.9	2.53	3.70	0.08	0.05	0.07	0.066	0.03	20.9	38.8	0.73	3650	0.98	<0.01	0.09
203217		7.7	4.70	7.21	0.15	0.04	0.03	0.012	0.05	55.1	62.8	1.37	450	1.56	0.01	0.17
203218		16.2	3.93	7.02	0.11	0.04	0.05	0.020	0.06	38.6	69.4	0.99	580	1.67	0.01	0.08
203219		8.7	4.62	6.63	0.18	0.05	0.06	0.025	0.03	73.7	49.7	0.91	1945	1.26	<0.01	0.15
203220		13.1	4.79	7.48	0.16	0.05	0.03	0.014	0.04	67.7	77.6	1.07	645	1.96	0.01	0.11
203221		29.2	4.83	7.35	0.10	0.04	0.10	0.032	0.04	28.1	42.9	0.67	441	11.15	0.01	0.40
203222		122.0	3.21	6.52	0.08	0.02	0.10	0.027	0.04	22.0	17.7	0.41	194	2.52	0.01	0.48
203223		267.0	4.82	6.66	0.13	0.05	0.12	0.034	0.03	63.2	44.2	0.88	468	4.89	0.01	0.23
203224		180.5	4.12	7.87	0.16	0.04	0.11	0.030	0.05	61.3	41.0	0.68	457	4.03	<0.01	0.44
203225		85.5	3.21	4.94	0.10	0.02	0.13	0.023	0.04	37.3	24.5	0.62	1045	1.63	0.01	0.35
203226		17.1	5.79	9.12	0.22	0.04	0.05	0.027	0.04	107.0	66.4	1.38	962	2.25	0.01	0.16
203227		27.0	1.91	5.18	0.05	<0.02	0.08	0.018	0.03	15.7	5.4	0.13	109	3.57	0.01	0.37
203228		33.3	4.28	5.75	0.11	0.03	0.07	0.027	0.03	32.9	36.0	0.66	403	3.92	0.01	0.32

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
203163		26.6	980	17.4	5.7	<0.001	0.08	1.15	2.4	1.6	0.2	25.9	0.01	0.05	0.8	0.013
203164		23.9	1010	11.9	5.1	<0.001	0.14	1.20	2.0	1.6	<0.2	21.0	0.01	0.05	0.7	0.008
203165		29.6	1110	13.2	8.8	<0.001	0.05	0.80	35.4	1.2	0.4	9.1	0.01	0.09	10.8	0.028
203166		23.3	690	15.0	4.9	<0.001	0.04	1.42	3.0	1.3	<0.2	24.8	0.01	0.05	1.8	0.007
203167		27.7	670	14.9	3.7	<0.001	0.09	0.73	4.0	1.1	0.2	26.7	<0.01	0.12	4.6	0.009
203168		36.5	970	19.7	7.0	<0.001	0.12	0.96	3.2	1.5	0.3	17.2	0.01	0.07	1.9	0.015
203169		43.8	840	22.2	7.2	<0.001	0.09	1.08	4.4	1.4	0.4	10.9	0.01	0.08	4.9	0.020
203170		45.7	870	23.1	7.5	<0.001	0.09	1.11	4.5	1.5	0.4	11.0	0.01	0.08	5.1	0.022
203171		50.8	1220	18.9	8.6	<0.001	0.11	0.88	9.0	1.7	0.4	19.5	0.01	0.13	6.0	0.017
203172		44.6	1160	13.6	10.7	<0.001	0.07	0.77	12.7	1.8	0.5	13.6	0.01	0.07	8.5	0.024
203173		37.3	1040	14.8	9.6	<0.001	0.08	1.05	8.4	1.6	0.3	15.1	0.01	0.14	6.2	0.016
203174		29.9	690	13.9	12.3	<0.001	0.04	0.66	3.8	0.8	0.5	8.0	<0.01	0.11	5.4	0.027
203175		33.5	1080	15.3	10.6	<0.001	0.07	0.60	8.0	1.5	0.4	8.6	0.01	0.09	14.5	0.025
203202		42.5	1260	16.9	10.3	<0.001	0.06	1.71	15.4	1.6	0.3	11.8	0.01	0.33	38.0	0.008
203203		34.9	650	11.0	7.6	<0.001	0.02	1.30	4.7	0.6	0.4	7.1	<0.01	0.15	20.5	0.018
203204		37.4	400	11.2	8.0	<0.001	0.02	1.23	4.9	0.7	0.4	7.0	<0.01	0.22	30.6	0.016
203205		47.5	380	9.2	7.5	<0.001	0.01	1.16	6.7	1.1	0.3	12.6	<0.01	0.51	46.9	<0.005
203206		50.5	430	9.5	7.5	<0.001	0.01	1.47	7.7	1.0	0.3	6.8	0.01	0.45	37.2	0.010
203207		50.2	640	9.6	5.3	<0.001	0.01	1.19	8.1	0.7	0.4	10.1	0.01	0.23	60.7	0.022
203208		47.2	600	9.3	5.5	<0.001	0.01	1.08	6.5	0.6	0.4	7.5	<0.01	0.25	44.4	0.020
203209		32.1	1020	14.8	4.4	<0.001	0.11	0.78	6.6	1.6	0.2	10.7	0.01	0.45	12.7	0.007
203210		30.7	1100	14.2	4.4	<0.001	0.13	0.76	5.8	1.5	0.2	10.3	0.01	0.51	10.7	0.007
203211		76.7	840	9.8	5.8	0.001	0.03	1.38	16.3	0.6	0.3	18.8	0.01	0.30	64.8	0.017
203212		36.7	750	7.0	3.8	<0.001	0.03	0.49	3.7	0.5	0.2	16.1	0.01	0.33	17.3	0.009
203213		40.8	710	11.5	6.4	0.001	0.05	0.49	6.0	0.7	0.2	12.1	0.01	0.07	25.3	0.007
203214		29.8	790	9.1	6.3	<0.001	0.04	0.31	4.8	0.7	<0.2	10.3	0.01	0.06	18.4	<0.005
203215		17.8	1290	23.1	6.4	<0.001	0.12	0.54	2.3	0.7	0.2	44.1	<0.01	0.09	4.7	0.010
203216		27.3	700	15.7	4.5	<0.001	0.03	0.34	3.2	0.5	<0.2	33.3	<0.01	0.06	10.9	0.006
203217		53.1	490	6.1	8.4	<0.001	0.01	0.36	2.6	0.3	0.3	3.9	<0.01	0.05	18.9	0.013
203218		45.4	360	11.0	12.6	<0.001	0.02	0.37	3.5	0.4	0.3	3.9	<0.01	0.07	19.3	0.005
203219		41.5	880	6.5	6.3	<0.001	0.03	0.58	11.3	0.5	0.4	2.7	<0.01	0.13	19.9	0.016
203220		46.9	770	11.0	8.3	<0.001	0.02	0.61	2.8	0.4	0.4	2.7	<0.01	0.09	25.5	0.011
203221		31.8	1580	17.0	10.0	<0.001	0.10	1.08	1.8	1.3	0.4	3.8	<0.01	0.64	10.4	0.014
203222		18.6	1060	13.7	7.7	<0.001	0.11	0.72	1.4	0.8	0.4	3.9	<0.01	0.10	2.5	0.019
203223		36.8	1580	11.3	6.6	<0.001	0.09	2.04	2.0	1.1	0.2	4.1	<0.01	0.37	15.8	0.011
203224		35.4	1310	16.1	10.7	<0.001	0.05	1.25	2.1	0.8	0.4	6.4	<0.01	0.18	8.5	0.020
203225		30.1	1110	11.3	8.5	<0.001	0.10	0.67	1.6	0.8	0.2	4.6	<0.01	0.18	5.2	0.011
203226		54.1	870	12.1	8.9	<0.001	0.04	0.70	3.2	0.4	0.4	4.7	<0.01	0.31	18.9	0.009
203227		9.5	1140	11.1	4.3	<0.001	0.12	0.78	0.7	0.8	0.4	3.7	<0.01	0.08	0.5	0.013
203228		30.8	820	11.5	5.9	<0.001	0.07	0.77	2.2	0.7	0.4	4.0	<0.01	0.81	9.7	0.015

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 23-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
203163		0.67	0.88	21	0.14	19.20	43	1.2
203164		0.67	0.93	17	0.10	18.85	42	1.4
203165		0.25	2.61	44	0.51	22.40	50	1.4
203166		4.25	1.54	18	0.09	17.15	45	2.2
203167		2.09	1.53	15	0.12	14.00	18	1.4
203168		1.23	1.34	28	0.18	17.75	41	1.2
203169		1.27	1.66	33	0.18	20.20	42	1.6
203170		1.38	1.71	35	0.22	20.90	45	1.8
203171		1.30	2.58	35	0.19	24.20	48	1.5
203172		0.65	4.52	40	0.23	36.50	47	1.6
203173		0.59	2.98	31	0.21	20.30	52	1.7
203174		0.12	1.87	40	0.52	7.04	46	<0.5
203175		0.09	3.21	31	0.42	19.15	52	1.2
203202		0.15	12.60	18	0.20	23.60	30	4.2
203203		0.10	9.56	22	0.13	6.42	24	0.5
203204		0.08	11.30	21	0.10	10.25	28	1.9
203205		0.15	17.50	16	0.14	13.15	24	8.7
203206		0.10	25.20	22	0.16	13.10	19	3.9
203207		0.09	11.10	25	0.17	12.90	17	3.6
203208		0.09	8.71	22	0.15	9.38	16	1.4
203209		0.10	7.13	13	0.16	12.75	41	1.7
203210		0.11	6.95	12	0.15	11.50	46	1.4
203211		0.09	17.95	20	0.24	19.70	25	2.7
203212		0.06	9.04	12	0.11	20.50	40	1.8
203213		0.18	9.70	11	0.10	31.50	103	1.4
203214		0.18	10.95	8	0.07	21.70	74	0.7
203215		0.13	2.64	14	0.07	8.08	109	0.5
203216		0.09	3.24	9	0.07	26.60	168	0.7
203217		0.04	52.40	26	0.11	8.37	18	1.1
203218		0.06	25.00	19	0.43	6.08	17	1.0
203219		0.04	11.90	27	1.63	12.00	20	1.0
203220		0.04	29.30	26	0.18	7.34	23	1.2
203221		0.09	21.10	32	0.16	4.38	33	0.9
203222		0.12	3.69	35	0.12	3.22	30	<0.5
203223		0.07	9.55	23	0.12	5.18	26	1.2
203224		0.12	12.75	36	0.18	6.31	38	0.8
203225		0.08	3.70	20	0.10	8.25	40	<0.5
203226		0.07	23.20	29	0.25	10.90	33	0.7
203227		0.09	1.72	30	0.11	1.97	31	<0.5
203228		0.07	7.69	32	0.26	4.12	33	0.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 23-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
203229		0.60	<0.005	0.08	1.63	13.8	<10	40	0.43	0.85	0.03	0.09	48.00	13.5	24	1.12
203230		0.62	0.006	0.07	1.72	15.2	<10	30	0.50	0.86	0.04	0.08	60.70	15.9	26	1.34

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
203229		41.8	4.05	6.17	0.07	0.02	0.11	0.021	0.03	23.6	29.6	0.52	426	1.50	<0.01	0.28
203230		50.8	4.23	6.47	0.09	0.03	0.09	0.022	0.03	28.8	36.3	0.60	449	1.67	0.01	0.31

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
203229		24.7	1470	10.6	5.7	<0.001	0.10	0.67	1.0	0.7	0.3	3.1	<0.01	0.19	2.4	0.011
203230		28.4	1250	10.8	6.1	<0.001	0.08	0.70	1.5	0.6	0.3	3.2	<0.01	0.18	6.3	0.013

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06082360

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
203229		0.07	3.44	28	0.11	2.41	33	<0.5
203230		0.07	3.64	29	0.13	2.66	34	0.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 26-SEP-2006
Account: EIA

CERTIFICATE VA06081731

Project: Werneckes

P.O. No.: FRG06-01

This report is for 175 Soil samples submitted to our lab in Vancouver, BC, Canada on 14-AUG-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
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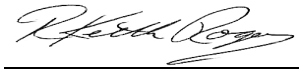
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 26-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06081731

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C201497		0.52	0.024	0.14	1.11	10.6	10	780	1.15	0.63	3.83	0.20	39.10	14.2	18	1.53
C201498		0.56	0.019	0.23	1.81	15.8	<10	740	1.62	1.49	0.56	0.28	61.40	21.3	26	1.67
C201499		0.52	0.039	0.24	1.97	16.4	<10	630	2.05	0.63	0.43	0.35	67.40	20.9	30	3.32
C201500		0.50	0.026	0.48	1.74	15.7	<10	680	1.66	3.48	0.37	0.35	77.50	22.5	30	3.15
C203176		0.54	<0.005	0.15	0.73	11.6	<10	70	0.41	0.50	2.01	0.20	16.10	8.9	9	0.73
C203177		0.54	0.008	0.07	1.32	34.2	<10	80	0.72	0.88	0.32	0.26	36.90	28.6	21	1.10
C203178		0.74	0.010	0.12	1.59	28.6	<10	80	1.11	2.96	8.14	0.13	27.00	24.3	14	0.98
C203179		0.74	0.025	0.16	1.18	12.3	<10	340	0.93	2.87	1.61	0.13	34.40	65.4	19	0.76
C203180		0.68	<0.005	0.11	2.21	21.0	<10	60	1.21	1.31	0.05	0.16	62.60	10.7	25	1.50
C203181		0.70	<0.005	0.39	3.56	19.6	<10	950	2.37	1.56	0.36	0.16	64.10	26.4	41	7.60
C203182		0.68	<0.005	0.23	2.51	94.4	<10	610	1.90	1.05	0.06	0.17	102.50	38.6	29	3.54
C203183		0.90	0.010	0.35	1.13	245.0	<10	30	0.63	3.70	0.02	0.09	49.60	104.5	21	2.34
C203184		0.84	<0.005	0.10	2.36	35.2	<10	100	0.85	0.60	0.05	0.19	71.80	18.1	30	2.27
C203185		0.78	0.005	0.13	1.38	29.9	<10	280	0.94	0.76	2.02	0.26	42.10	19.2	18	2.66
C203186		0.66	0.037	0.09	1.75	21.7	<10	390	2.00	1.04	0.17	0.07	85.20	42.5	23	5.22
C203187		0.68	0.013	0.08	1.22	13.3	<10	160	0.79	0.90	0.08	0.10	67.40	22.6	17	3.44
C203188		0.66	<0.005	0.96	1.35	138.5	<10	820	1.12	1.51	0.57	0.52	47.20	38.7	15	2.78
C203189		1.02	0.028	0.16	1.49	11.3	<10	1690	1.50	2.27	0.27	0.19	122.50	14.5	34	5.75
C203190		0.06	<0.005	0.01	0.01	0.2	<10	10	<0.05	0.01	<0.01	0.02	1.15	0.1	<1	<0.05
C203191		0.60	<0.005	0.52	0.98	85.7	<10	140	0.96	1.62	0.86	0.65	34.00	26.3	11	1.43
C203192		0.72	0.037	0.19	1.83	13.3	<10	1040	1.29	0.89	0.40	0.21	48.40	31.3	25	4.68
C203193		0.58	<0.005	0.03	1.99	10.5	<10	370	0.66	0.37	0.16	0.19	28.60	26.2	16	2.46
C203194		0.82	<0.005	0.09	4.20	12.2	<10	80	2.41	0.22	0.20	0.07	80.90	25.8	47	8.09
C203195		0.68	0.014	0.06	2.52	23.1	<10	400	1.24	0.87	0.64	0.10	34.30	35.7	35	3.44
C203196		0.92	<0.005	0.03	1.31	7.9	<10	60	0.50	0.38	0.06	0.23	73.60	9.7	15	1.05
C203197		0.70	<0.005	0.08	1.12	8.5	<10	50	0.60	0.46	0.04	0.08	74.60	9.8	10	1.41
C203198		0.80	<0.005	0.07	1.04	10.6	<10	40	0.57	0.41	0.07	0.11	59.50	7.3	13	0.90
C203199		0.50	<0.005	0.10	0.63	7.3	<10	80	0.30	0.37	0.08	0.48	30.20	5.2	8	1.22
C203200		0.90	<0.005	0.05	1.55	16.0	<10	80	0.97	0.44	0.05	0.16	60.60	19.6	22	1.46
C203375		0.40	<0.005	0.17	1.05	13.0	<10	400	0.88	0.40	1.45	0.31	29.20	10.7	19	1.45
C203376		0.40	0.016	0.10	1.15	9.6	<10	790	1.07	0.63	0.84	0.29	33.50	13.1	20	1.05
C203377		0.58	0.042	0.18	1.23	10.3	<10	300	1.15	1.81	4.76	0.20	61.50	18.2	20	1.65
C203378		0.44	0.044	0.22	1.18	11.8	<10	140	1.09	0.41	3.95	0.38	25.80	8.6	15	1.11
C203379		0.50	0.028	0.09	1.91	10.2	<10	1890	2.22	1.21	0.40	0.19	46.50	16.6	28	2.85
C203380		0.24	0.041	0.41	1.54	10.1	<10	1360	1.57	1.83	0.92	0.20	31.90	14.7	21	1.72
C203381		0.06	<0.005	0.02	0.01	0.1	<10	10	<0.05	0.01	0.01	0.02	1.12	0.1	<1	<0.05
C203382		0.34	0.031	0.22	1.53	10.0	<10	910	1.61	1.31	0.88	0.19	32.70	16.5	23	1.87
C203383		0.46	0.017	0.05	1.25	9.6	<10	430	1.10	0.95	0.26	0.30	46.80	22.3	23	1.46
C203384		0.48	0.005	0.07	1.97	128.5	<10	160	1.99	0.75	0.17	0.19	172.00	97.4	31	1.91
C203385		0.46	<0.005	0.18	1.15	29.0	<10	80	0.55	1.07	0.81	0.32	23.80	7.1	18	1.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 26-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06081731

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C201497		72.8	3.20	3.94	0.09	0.09	0.06	0.080	0.13	20.1	16.1	2.82	1580	0.96	0.01	0.41
C201498		394.0	4.45	7.00	0.13	0.13	0.08	0.145	0.14	34.5	25.5	1.24	2730	1.28	0.01	0.39
C201499		84.9	4.77	7.38	0.13	0.14	0.19	0.167	0.14	34.7	27.5	1.16	3570	1.21	0.01	0.43
C201500		110.5	5.20	6.94	0.16	0.14	0.22	0.218	0.11	51.3	23.3	0.94	5610	1.40	0.01	0.39
C203176		74.7	1.90	2.36	0.06	0.05	0.07	0.032	0.04	9.4	6.9	0.40	1535	0.81	0.01	0.39
C203177		65.7	4.77	6.51	0.09	0.02	0.09	0.136	0.09	18.0	16.9	0.70	1695	4.04	0.01	0.58
C203178		140.0	3.90	4.32	0.36	0.09	0.05	0.146	0.04	14.0	25.4	6.69	3790	12.45	0.02	0.19
C203179		982.0	6.21	4.17	0.12	0.11	0.09	0.263	0.10	18.2	16.7	1.70	8270	9.68	0.01	0.17
C203180		40.7	4.40	6.08	0.10	0.05	0.07	0.040	0.06	31.0	38.5	0.46	347	2.02	0.01	0.74
C203181		46.4	4.85	12.70	0.15	0.13	0.12	0.185	0.21	34.9	68.4	4.00	4870	1.72	0.01	0.32
C203182		115.0	4.42	7.91	0.14	0.09	0.08	0.082	0.07	45.3	47.4	1.06	1930	1.99	0.01	0.29
C203183		189.0	13.70	6.14	0.18	0.17	0.02	0.058	0.04	25.9	6.0	0.19	885	44.00	0.01	0.14
C203184		46.7	3.82	7.24	0.10	0.03	0.03	0.041	0.07	35.7	20.0	0.59	526	2.66	0.01	1.45
C203185		74.0	3.08	4.55	0.16	0.08	0.41	0.108	0.20	21.5	33.4	2.22	2070	1.85	0.01	0.49
C203186		69.5	5.06	6.09	0.14	0.09	0.03	0.088	0.33	48.9	31.6	1.59	1450	4.39	<0.01	0.33
C203187		13.6	3.88	7.41	0.10	0.02	0.04	0.063	0.22	37.3	20.3	0.98	885	3.07	<0.01	0.27
C203188		277.0	5.03	4.88	0.11	0.12	0.13	0.135	0.13	25.9	23.1	0.88	4120	3.19	<0.01	0.29
C203189		66.6	5.36	6.63	0.19	0.09	0.08	0.114	0.12	83.1	17.0	0.65	5380	1.83	<0.01	0.25
C203190		1.0	0.02	0.06	<0.05	0.03	<0.01	<0.005	<0.01	0.6	0.1	<0.01	10	0.05	<0.01	<0.05
C203191		109.5	3.82	3.41	0.10	0.12	0.13	0.115	0.17	16.7	9.7	0.56	1610	5.37	0.01	0.24
C203192		86.9	4.93	6.01	0.11	0.08	0.08	0.067	0.18	24.9	28.5	1.22	3190	4.69	0.01	0.60
C203193		82.9	4.78	13.35	0.07	<0.02	0.05	0.054	0.06	13.8	25.7	1.25	613	11.05	0.01	0.88
C203194		26.7	4.38	16.75	0.44	0.02	0.05	0.039	0.35	41.1	119.5	6.19	646	1.83	0.01	0.49
C203195		103.5	4.85	7.71	0.12	0.04	0.05	0.075	0.21	19.4	41.9	2.55	1765	4.79	0.01	0.62
C203196		22.8	2.54	3.79	0.10	0.03	0.03	0.018	0.06	31.9	12.1	0.24	430	0.88	<0.01	1.53
C203197		31.6	2.52	3.93	0.09	0.03	0.05	0.022	0.06	32.8	9.0	0.18	579	1.06	<0.01	1.23
C203198		26.7	2.70	3.53	0.09	0.02	0.03	0.023	0.04	27.7	11.4	0.21	305	1.29	<0.01	1.04
C203199		15.3	1.76	4.09	0.05	<0.02	0.10	0.019	0.08	14.4	2.3	0.07	665	1.30	0.01	0.63
C203200		44.8	3.26	4.79	0.09	0.02	0.04	0.037	0.06	28.2	14.4	0.32	1490	1.68	<0.01	1.07
C203375		46.2	2.75	3.65	0.08	0.08	0.08	0.045	0.10	15.5	12.3	1.08	731	1.04	0.02	0.80
C203376		37.8	3.68	3.93	0.09	0.09	0.12	0.088	0.12	17.8	14.2	0.70	2060	0.80	0.01	0.42
C203377		27.9	3.42	5.08	0.11	0.10	0.11	0.081	0.14	32.9	17.9	3.62	1985	0.79	0.01	0.25
C203378		21.9	3.36	3.35	0.07	0.06	0.11	0.065	0.08	14.8	12.8	2.40	650	0.81	0.01	0.23
C203379		41.6	4.58	6.70	0.12	0.11	0.12	0.136	0.14	28.6	22.4	0.88	2210	0.87	0.01	0.44
C203380		62.7	3.86	4.96	0.09	0.13	0.21	0.140	0.13	21.7	17.7	0.84	2460	0.77	0.01	0.46
C203381		1.2	0.02	0.05	<0.05	0.03	0.01	<0.005	<0.01	0.5	0.1	<0.01	6	0.05	<0.01	<0.05
C203382		67.6	3.75	5.05	0.10	0.12	0.15	0.118	0.13	20.5	19.6	0.87	2490	0.78	0.01	0.52
C203383		33.4	4.65	5.05	0.09	0.07	0.09	0.127	0.12	23.2	18.6	0.77	2460	0.77	<0.01	0.43
C203384		718.0	4.72	6.42	0.16	0.06	0.05	0.055	0.05	64.6	35.0	0.73	1380	1.87	0.01	0.61
C203385		146.5	1.88	3.61	0.06	0.07	0.09	0.049	0.05	15.2	13.7	0.43	212	0.46	0.01	0.55

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 26-SEP-2006
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CERTIFICATE OF ANALYSIS VA06081731

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C201497		28.1	940	29.2	10.4	<0.001	0.05	1.07	9.0	0.8	0.5	23.2	0.01	0.08	6.8	0.023
C201498		33.1	1030	42.1	14.5	<0.001	0.06	1.22	14.9	1.5	0.6	12.3	0.01	0.12	8.1	0.023
C201499		36.0	1020	36.4	19.0	<0.001	0.06	1.31	20.6	1.4	0.7	14.1	0.01	0.10	9.8	0.024
C201500		34.5	1090	33.6	18.1	0.001	0.06	1.96	19.9	1.8	0.7	11.3	0.01	0.08	8.3	0.026
C203176		15.6	1010	28.6	5.3	<0.001	0.18	0.82	2.0	1.4	0.2	31.6	0.01	0.05	1.1	0.015
C203177		21.3	850	11.0	19.5	<0.001	0.07	0.70	3.8	0.8	0.6	7.4	<0.01	0.11	2.4	0.040
C203178		27.9	810	8.1	6.6	<0.001	0.06	0.86	3.7	1.5	0.2	22.0	<0.01	0.06	2.9	0.014
C203179		39.5	980	10.6	8.1	0.001	0.11	1.16	11.0	1.6	0.4	8.8	0.01	0.29	11.2	0.021
C203180		24.5	820	12.3	8.9	<0.001	0.06	1.11	1.8	1.0	0.4	6.2	<0.01	0.08	8.4	0.018
C203181		50.4	970	10.3	49.0	0.001	0.06	0.93	15.9	1.3	0.8	9.6	0.01	0.11	11.8	0.050
C203182		82.5	810	14.3	11.7	<0.001	0.05	1.46	4.5	1.1	0.3	3.8	<0.01	0.16	11.3	0.008
C203183		54.9	780	23.6	4.7	0.001	0.08	1.77	12.2	6.7	0.2	2.6	<0.01	1.10	40.0	0.007
C203184		33.9	690	22.7	13.8	<0.001	0.05	1.47	3.2	1.0	0.5	9.8	<0.01	0.09	5.2	0.034
C203185		28.7	830	19.1	21.1	<0.001	0.07	1.33	5.3	0.8	0.4	15.7	<0.01	0.06	2.9	0.033
C203186		45.6	780	9.5	43.6	0.001	0.03	1.18	7.9	0.6	0.8	3.4	<0.01	0.08	6.4	0.041
C203187		23.5	740	7.0	40.0	<0.001	0.07	1.14	2.1	0.7	0.7	3.7	<0.01	0.08	0.7	0.030
C203188		39.0	1140	18.7	20.5	<0.001	0.09	2.58	4.0	1.1	0.4	9.5	0.01	0.12	3.1	0.021
C203189		24.9	880	16.4	12.9	<0.001	0.03	1.08	15.5	0.8	1.0	5.9	<0.01	0.21	11.9	0.029
C203190		0.3	<10	1.2	0.1	<0.001	0.01	<0.05	0.2	<0.2	<0.2	0.6	<0.01	<0.01	0.2	<0.005
C203191		38.9	1820	66.3	15.7	<0.001	0.16	3.02	3.4	1.8	0.3	9.5	0.01	0.18	1.6	0.014
C203192		53.7	900	12.1	30.3	0.001	0.06	1.63	6.5	0.9	0.6	13.0	<0.01	0.28	7.6	0.052
C203193		18.8	590	12.9	18.3	0.001	0.05	0.66	7.0	0.7	0.6	10.4	<0.01	0.10	1.4	0.043
C203194		67.6	760	8.6	40.2	<0.001	0.06	0.60	12.2	0.6	1.1	7.2	<0.01	0.07	4.3	0.080
C203195		53.5	790	6.3	36.4	0.001	0.08	0.80	10.4	0.7	0.5	6.3	<0.01	0.08	3.6	0.065
C203196		15.6	430	17.1	11.6	<0.001	0.02	0.47	1.8	0.6	0.3	6.1	0.01	0.04	10.6	0.025
C203197		10.6	480	9.7	10.6	<0.001	0.03	0.42	1.3	0.7	0.3	3.8	<0.01	0.04	9.2	0.012
C203198		16.8	430	8.9	6.1	<0.001	0.02	0.64	1.7	0.6	0.3	5.7	<0.01	0.05	8.2	0.021
C203199		6.5	990	11.3	12.9	<0.001	0.10	0.59	0.7	0.8	0.5	5.9	<0.01	0.05	0.4	0.015
C203200		28.8	520	11.6	11.8	<0.001	0.03	0.84	2.7	0.9	0.5	6.6	<0.01	0.05	11.5	0.029
C203375		26.9	600	29.8	9.9	0.001	0.06	1.14	4.8	0.7	0.4	20.3	<0.01	0.05	3.6	0.032
C203376		30.5	1150	30.2	13.6	<0.001	0.08	1.06	6.4	0.9	0.5	14.2	<0.01	0.06	5.7	0.021
C203377		26.7	810	42.9	14.7	<0.001	0.06	1.18	12.8	0.9	0.5	17.7	<0.01	0.26	8.4	0.019
C203378		19.1	1090	69.1	10.0	<0.001	0.09	1.26	4.8	1.1	0.4	15.1	<0.01	0.05	1.3	0.007
C203379		32.6	940	23.1	27.2	0.001	0.07	1.04	13.3	1.1	0.7	11.8	0.01	0.10	7.0	0.020
C203380		25.4	1260	19.2	20.4	0.001	0.10	1.17	10.9	1.8	0.5	14.1	0.01	0.17	4.8	0.017
C203381		0.2	<10	1.4	0.1	<0.001	0.01	<0.05	0.2	<0.2	<0.2	0.6	<0.01	0.01	0.2	<0.005
C203382		30.5	1170	15.8	23.5	0.001	0.08	1.04	10.0	1.4	0.6	13.5	0.01	0.17	5.7	0.020
C203383		34.9	710	10.1	18.1	<0.001	0.04	1.05	8.7	0.4	0.6	11.0	<0.01	0.11	9.2	0.023
C203384		54.3	510	17.1	10.2	<0.001	0.04	0.79	5.3	0.9	0.3	8.3	<0.01	0.15	20.5	0.019
C203385		17.9	990	24.7	10.0	<0.001	0.15	0.59	2.9	1.2	0.3	22.0	0.01	0.07	2.1	0.015

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06081731

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C201497		0.10	1.18	35	0.29	15.50	82	2.2
C201498		0.12	2.80	54	0.36	30.50	90	2.3
C201499		0.15	2.54	48	0.50	36.00	103	2.8
C201500		0.15	7.68	49	0.77	57.00	107	2.4
C203176		0.11	0.72	15	0.08	10.15	52	1.2
C203177		0.23	1.93	48	0.27	6.62	38	<0.5
C203178		0.69	3.41	42	0.18	17.35	33	2.3
C203179		0.59	3.81	33	0.49	21.30	36	2.5
C203180		0.09	1.41	30	0.14	3.47	54	1.4
C203181		0.16	4.35	68	0.30	30.10	59	2.7
C203182		0.15	2.43	33	0.07	10.15	60	2.3
C203183		0.09	4.47	25	0.13	8.16	39	8.2
C203184		0.21	2.63	48	0.26	7.05	116	0.8
C203185		0.15	0.92	28	0.19	16.15	57	2.1
C203186		0.14	4.51	53	1.06	19.00	30	2.3
C203187		0.11	2.06	53	0.74	5.20	18	<0.5
C203188		0.16	2.14	23	0.26	20.00	230	2.7
C203189		0.09	3.18	55	0.64	19.65	48	2.1
C203190		<0.02	0.08	<1	<0.05	0.68	4	0.8
C203191		0.30	2.90	24	0.12	15.40	256	3.1
C203192		0.17	3.96	41	0.74	19.55	54	1.6
C203193		0.13	0.89	155	0.24	3.16	41	<0.5
C203194		0.13	2.60	115	0.28	8.18	55	<0.5
C203195		0.14	2.32	76	0.24	12.85	62	1.1
C203196		0.09	1.37	29	0.26	6.46	53	0.5
C203197		0.09	2.04	19	0.23	5.02	29	<0.5
C203198		0.06	1.85	24	0.20	4.01	36	0.5
C203199		0.11	0.99	29	0.20	2.08	33	<0.5
C203200		0.12	2.72	36	0.22	5.33	48	0.5
C203375		0.12	1.38	36	0.26	12.30	102	2.0
C203376		0.11	3.19	34	0.51	18.25	96	1.7
C203377		0.11	1.72	33	0.43	22.70	99	2.6
C203378		0.11	0.95	27	0.17	18.60	164	1.2
C203379		0.15	5.62	41	0.43	29.80	70	1.7
C203380		0.11	7.55	33	0.25	29.60	75	1.9
C203381		<0.02	0.08	<1	<0.05	0.71	4	0.7
C203382		0.11	7.11	34	0.31	26.60	75	1.9
C203383		0.09	2.70	38	0.49	11.30	79	1.1
C203384		0.10	3.03	34	0.40	9.39	58	0.8
C203385		0.09	2.24	20	0.08	12.80	49	1.2

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Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
C203386		0.50	<0.005	0.11	1.13	15.2	<10	100	1.31	0.53	0.49	0.33	28.80	31.8	11	0.71
C203387		0.36	<0.005	2.33	0.44	17.5	<10	50	0.15	0.60	0.16	0.31	14.45	12.5	6	0.56
C203388		0.42	<0.005	0.12	1.38	28.8	<10	240	0.64	0.82	0.55	0.18	52.30	19.4	24	0.96
C203389		0.62	0.018	0.10	1.02	10.6	<10	120	0.55	0.95	0.46	0.21	61.70	34.4	19	0.52
C203390		0.60	<0.005	0.05	2.15	18.2	<10	60	0.42	0.51	0.07	0.16	27.60	8.6	28	1.13
C203391		0.56	<0.005	0.03	1.70	17.4	<10	50	0.35	0.49	0.07	0.12	28.40	8.8	25	1.19
C203392		0.54	0.010	0.13	1.14	11.6	<10	250	0.73	2.35	0.51	0.17	21.80	26.3	18	0.73
C203393		0.68	<0.005	0.15	1.61	21.5	<10	160	0.71	0.66	0.52	0.32	37.00	14.6	23	1.14
C203394		0.56	<0.005	0.21	2.33	142.5	<10	340	1.01	1.03	0.06	0.21	56.40	33.2	27	2.48
C203395		0.44	0.011	0.27	1.62	48.6	<10	290	0.97	3.04	0.72	0.22	37.40	48.5	12	1.50
C203396		0.64	<0.005	0.38	2.08	46.8	<10	80	1.33	0.82	0.07	0.32	103.00	47.7	24	2.75
C203397		0.60	<0.005	0.07	1.01	8.9	<10	130	0.65	0.50	0.07	0.17	54.50	12.5	15	2.76
C203398		0.56	<0.005	0.16	1.10	16.5	<10	550	0.57	0.86	0.24	0.11	35.30	17.4	14	1.66
C203399		0.66	0.007	0.10	0.98	42.1	<10	1650	0.79	0.73	0.22	0.05	73.40	36.0	16	0.62
C203400		0.50	0.017	0.29	1.42	45.6	<10	1440	1.24	1.83	0.60	0.13	60.50	46.8	13	4.43
C203401		0.52	<0.005	0.14	1.54	18.2	<10	160	0.77	1.77	0.05	0.21	23.90	15.0	21	2.77
C203402		0.58	<0.005	0.30	1.48	19.5	<10	570	0.80	0.68	0.87	0.27	40.10	26.3	23	1.94
C203403		0.58	0.043	0.21	1.24	14.7	<10	700	1.03	2.90	0.57	0.10	52.40	34.9	16	3.62
C203404		0.56	<0.005	0.03	3.42	15.9	<10	240	1.27	0.19	0.23	0.12	64.30	45.1	29	7.54
C203405		0.70	<0.005	0.04	1.40	4.2	<10	120	0.41	0.52	0.15	0.09	73.60	24.7	20	1.27
C203406		0.56	0.123	0.17	1.69	426.0	<10	240	1.10	3.08	0.21	0.20	40.10	60.6	24	1.77
C203407		0.52	0.012	0.08	0.72	18.2	<10	570	1.06	0.90	0.31	0.18	18.30	20.1	9	1.20
C203408		0.56	0.008	0.10	2.86	18.2	<10	230	1.58	0.71	0.24	0.13	63.50	38.7	28	4.23
C203409		0.50	0.024	0.06	1.95	21.5	10	290	2.63	0.82	0.46	0.14	57.30	88.1	16	10.10
C203410		0.46	0.006	0.16	1.51	144.0	<10	300	0.93	1.29	0.15	0.12	51.90	94.7	20	3.45
C203411		0.60	0.013	0.14	1.56	134.0	<10	280	1.12	1.29	0.11	0.14	56.60	93.4	19	3.57
C203412		0.56	0.006	0.83	1.02	175.0	<10	120	0.85	8.03	0.85	0.31	24.80	27.0	7	0.88
C203413		0.68	0.015	0.13	2.07	13.0	<10	1720	1.99	0.97	2.82	0.13	36.70	30.0	13	4.92
C203414		0.60	<0.005	0.08	1.29	25.9	<10	350	0.81	0.44	0.12	0.18	41.90	379.0	20	1.43
C203415		0.52	<0.005	0.31	1.78	16.6	<10	550	1.36	0.82	1.02	0.18	38.80	53.6	16	4.19
C203416		0.66	0.008	0.09	0.96	35.1	<10	250	1.07	0.99	0.18	0.35	37.90	52.9	12	3.09
C203541		0.44	<0.005	0.07	1.72	45.6	<10	150	1.07	0.64	0.74	0.23	58.50	24.8	24	3.51
C203542		0.46	0.005	0.14	1.02	60.9	<10	120	0.91	2.29	0.94	0.28	34.10	35.3	12	0.55
C203543		0.44	0.024	0.05	1.47	10.0	<10	180	0.58	0.36	0.37	0.18	116.00	13.1	22	1.26
C203544		0.48	0.009	0.12	1.89	18.9	10	130	1.21	1.02	6.56	0.34	32.60	27.6	15	1.08
C203545		0.50	0.023	0.13	1.27	6.2	<10	380	0.50	0.39	0.48	0.08	26.80	11.1	18	0.91
C203546		0.54	<0.005	0.10	1.41	18.5	<10	50	1.21	1.02	0.04	0.14	116.50	16.0	20	1.62
C203547		0.48	0.005	0.07	1.23	12.0	<10	80	0.40	0.41	0.07	0.15	28.00	5.9	20	1.00
C203548		0.34	0.008	0.30	0.70	10.7	<10	770	0.74	0.87	1.10	0.16	41.60	14.9	6	0.90
C203549		0.60	<0.005	0.16	1.58	57.7	<10	50	1.17	1.81	0.04	0.12	62.80	26.6	18	5.60

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 26-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06081731

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C203386		96.0	6.69	3.25	0.10	0.18	0.09	0.342	0.08	13.9	11.2	0.78	6440	2.12	<0.01	0.21
C203387		237.0	1.28	1.75	<0.05	<0.02	0.18	0.035	0.04	7.5	1.5	0.10	387	3.31	0.01	0.15
C203388		128.0	2.76	4.48	0.13	0.09	0.05	0.038	0.05	50.0	16.3	0.50	866	1.17	0.01	0.58
C203389		59.7	4.65	3.73	0.11	0.08	0.10	0.082	0.06	32.6	17.3	0.52	4070	6.13	<0.01	0.26
C203390		21.8	5.04	8.55	0.07	0.04	0.04	0.041	0.05	13.8	20.5	0.43	313	1.70	<0.01	2.04
C203391		18.7	4.89	9.37	0.07	0.03	0.04	0.033	0.06	14.7	18.4	0.59	238	1.73	<0.01	1.88
C203392		57.7	5.28	4.05	0.06	0.04	0.08	0.240	0.08	10.2	10.5	0.40	8120	2.65	0.01	0.30
C203393		32.7	3.39	4.58	0.07	0.08	0.03	0.047	0.10	16.5	17.2	0.75	872	2.34	0.01	0.72
C203394		205.0	6.74	6.84	0.12	0.13	0.07	0.059	0.07	24.5	25.3	0.86	2810	3.09	0.01	0.47
C203395		249.0	14.15	5.22	0.17	0.17	0.12	0.567	0.05	18.6	15.4	1.23	14850	15.80	0.01	0.21
C203396		74.8	4.08	5.44	0.12	0.08	0.05	0.047	0.05	43.5	19.4	0.48	1065	3.81	0.02	1.63
C203397		13.5	3.68	4.59	0.08	0.02	0.03	0.071	0.17	29.9	20.1	0.52	987	1.16	<0.01	0.35
C203398		52.7	2.63	5.17	0.06	0.03	0.04	0.052	0.12	19.1	12.9	0.68	1000	3.19	<0.01	0.19
C203399		99.8	6.00	3.26	0.11	0.12	0.07	0.053	0.12	43.1	12.4	0.41	2070	5.33	<0.01	0.28
C203400		351.0	4.87	4.56	0.11	0.18	0.08	0.183	0.16	31.6	27.1	1.34	4840	6.15	<0.01	0.19
C203401		41.3	3.73	6.52	0.06	0.04	0.07	0.085	0.07	11.3	15.8	0.53	1055	5.05	<0.01	0.55
C203402		75.4	3.66	5.18	0.09	0.09	0.09	0.099	0.15	22.0	21.0	1.23	1545	2.35	0.01	0.52
C203403		374.0	3.91	5.54	0.11	0.20	0.07	0.097	0.27	28.7	27.1	1.21	2430	8.32	<0.01	0.34
C203404		7.1	5.33	13.55	0.13	0.03	0.05	0.036	0.29	31.6	75.5	4.15	1490	1.44	0.01	0.72
C203405		17.4	3.26	4.64	0.09	0.06	0.02	0.024	0.08	35.9	20.7	0.90	692	1.76	<0.01	0.24
C203406		328.0	6.52	6.77	0.10	0.06	0.09	0.124	0.12	20.4	19.3	0.76	1485	15.30	<0.01	0.53
C203407		220.0	3.96	2.73	0.06	0.08	0.05	0.123	0.07	8.9	4.0	0.18	2740	13.90	<0.01	0.21
C203408		104.5	4.83	12.45	0.15	0.03	0.07	0.087	0.18	34.0	66.8	3.31	1315	5.33	<0.01	0.29
C203409		7.8	4.56	6.81	0.11	0.16	0.05	0.098	0.55	31.1	41.3	1.86	3060	12.50	0.01	0.51
C203410		381.0	4.54	5.04	0.09	0.03	0.07	0.127	0.16	26.8	22.1	0.80	2510	3.76	<0.01	0.21
C203411		335.0	4.56	5.33	0.10	0.03	0.08	0.126	0.15	28.7	23.9	0.82	2430	3.61	0.01	0.23
C203412		40.0	6.97	2.23	0.09	0.13	0.09	0.123	0.07	11.6	12.7	0.60	6410	5.06	0.01	0.17
C203413		16.1	5.87	4.21	0.09	0.30	0.14	0.081	0.13	17.7	32.8	2.86	5590	1.67	0.01	0.23
C203414		64.6	5.27	3.09	0.10	0.07	0.11	0.104	0.05	18.1	9.1	0.38	3390	4.65	0.01	0.61
C203415		44.4	4.04	5.37	0.10	0.18	0.08	0.073	0.17	18.9	28.1	1.57	3690	4.60	0.01	0.56
C203416		206.0	5.19	3.91	0.09	0.03	0.06	0.121	0.13	19.1	9.4	0.32	5000	7.15	<0.01	0.14
C203541		337.0	3.29	6.16	0.10	0.07	0.03	0.040	0.11	32.4	24.4	0.76	1120	1.02	0.01	0.76
C203542		130.5	4.69	3.06	0.08	0.09	0.08	0.104	0.06	16.5	8.9	0.56	4840	6.68	0.01	0.23
C203543		393.0	4.84	5.99	0.22	0.09	0.07	0.236	0.05	97.6	11.5	0.57	3260	1.54	0.01	0.30
C203544		31.3	7.16	4.68	0.38	0.14	0.07	0.520	0.03	16.6	19.5	5.74	11750	2.44	0.02	0.21
C203545		46.1	2.23	4.06	0.06	0.07	0.04	0.025	0.06	13.6	18.5	0.87	314	1.00	<0.01	0.51
C203546		86.4	2.88	4.78	0.14	0.05	0.03	0.023	0.05	55.1	17.6	0.46	325	2.08	<0.01	0.34
C203547		17.3	3.43	6.11	0.06	<0.02	0.05	0.025	0.07	13.9	16.3	0.33	260	1.58	<0.01	0.96
C203548		47.0	5.65	1.94	0.09	0.09	0.29	0.145	0.10	26.4	7.1	0.46	7210	4.37	0.01	0.12
C203549		132.5	5.38	6.39	0.11	0.03	0.06	0.056	0.05	27.2	19.6	0.36	1065	5.56	0.01	0.83

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06081731

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C203386		29.9	640	13.5	9.4	<0.001	0.06	1.19	7.1	1.1	0.2	7.4	0.01	0.09	8.3	0.010
C203387		12.0	1240	17.2	4.9	<0.001	0.11	0.96	0.6	0.7	0.2	4.6	<0.01	0.05	<0.2	0.009
C203388		27.4	920	10.0	8.4	<0.001	0.07	0.68	3.5	1.3	0.3	14.3	0.01	0.07	4.9	0.016
C203389		33.4	780	6.5	7.2	0.001	0.05	0.55	14.7	0.8	0.4	5.8	<0.01	0.25	13.6	0.024
C203390		17.2	380	15.0	9.2	<0.001	0.03	0.85	3.2	0.5	0.7	7.2	0.02	0.07	4.5	0.075
C203391		16.6	310	12.2	9.8	<0.001	0.02	0.81	2.9	0.3	0.9	7.0	0.01	0.07	3.9	0.085
C203392		19.8	1160	13.9	11.7	0.001	0.12	0.89	5.4	0.8	0.5	9.7	0.01	0.06	3.0	0.022
C203393		27.1	400	31.3	14.6	<0.001	0.04	1.06	3.6	0.6	0.4	9.7	<0.01	0.05	4.2	0.026
C203394		92.5	780	26.6	12.6	<0.001	0.06	1.66	13.2	1.5	0.3	5.4	0.01	0.21	8.0	0.020
C203395		57.0	930	12.0	6.3	0.001	0.09	3.01	10.2	1.7	0.3	9.1	0.01	0.21	7.8	0.008
C203396		62.9	1070	33.1	8.9	<0.001	0.10	3.31	2.7	1.4	0.4	11.0	0.01	0.18	11.0	0.027
C203397		20.3	620	7.7	29.1	<0.001	0.06	1.71	1.2	0.5	0.6	5.1	<0.01	0.06	0.6	0.033
C203398		15.9	1590	9.5	21.6	<0.001	0.11	0.80	1.4	0.8	0.6	6.9	<0.01	0.08	0.4	0.013
C203399		22.1	800	8.6	16.7	0.001	0.05	0.88	3.9	0.7	0.6	9.9	<0.01	0.13	5.3	0.023
C203400		41.3	700	11.3	20.4	0.001	0.07	1.58	5.9	1.2	0.4	11.2	<0.01	0.13	7.0	0.015
C203401		16.6	930	12.9	11.9	<0.001	0.09	1.61	1.6	0.7	0.5	5.6	<0.01	0.09	2.2	0.019
C203402		28.9	1060	23.1	30.4	<0.001	0.09	1.26	4.8	0.7	0.5	9.0	0.01	0.08	2.0	0.036
C203403		39.4	920	6.5	42.5	0.001	0.06	1.08	7.2	1.1	0.6	7.2	0.01	0.21	8.8	0.032
C203404		39.7	760	5.5	46.2	<0.001	0.06	0.87	4.4	0.3	1.0	4.8	<0.01	0.02	8.9	0.079
C203405		33.4	530	3.9	16.4	<0.001	0.02	0.31	2.1	0.3	0.3	3.3	<0.01	0.06	12.7	0.020
C203406		37.0	1150	44.9	18.0	<0.001	0.10	5.32	5.8	1.5	0.7	9.5	<0.01	0.29	2.1	0.028
C203407		12.7	1930	9.8	12.1	<0.001	0.12	1.29	2.7	1.2	0.4	6.4	0.01	0.14	1.6	0.012
C203408		38.2	1020	6.6	34.3	<0.001	0.06	0.95	5.6	0.9	0.8	5.2	<0.01	0.18	2.4	0.040
C203409		68.1	1090	8.4	89.6	0.001	0.07	1.51	5.4	0.8	0.7	6.4	0.01	0.15	6.8	0.053
C203410		40.2	1120	9.9	26.2	0.001	0.07	1.16	2.8	0.9	0.5	6.0	<0.01	0.13	0.9	0.029
C203411		40.4	1160	10.0	26.5	0.001	0.07	1.15	3.0	1.0	0.5	5.9	<0.01	0.14	0.9	0.029
C203412		40.6	960	38.7	7.7	<0.001	0.14	2.92	3.0	1.8	0.5	11.5	0.01	0.24	2.7	0.009
C203413		66.2	1100	8.2	9.8	0.001	0.09	2.56	6.1	1.2	0.4	18.9	0.01	0.15	9.1	0.013
C203414		149.0	430	8.4	7.1	<0.001	0.03	1.97	5.3	0.9	0.4	9.9	<0.01	0.04	6.7	0.030
C203415		50.9	1090	15.7	38.7	0.001	0.12	2.27	4.3	1.4	0.4	14.2	0.01	0.16	4.0	0.042
C203416		23.9	1350	15.4	27.6	<0.001	0.07	1.16	1.7	1.0	0.4	5.4	<0.01	0.12	0.7	0.020
C203541		28.4	1070	31.2	26.0	<0.001	0.08	0.79	3.5	0.9	0.5	19.1	<0.01	0.09	6.0	0.025
C203542		33.7	910	11.5	9.7	<0.001	0.12	1.19	3.2	1.3	0.3	10.2	0.01	0.15	2.6	0.012
C203543		27.6	1270	10.6	9.9	<0.001	0.10	0.60	12.5	1.4	0.5	8.6	0.01	0.08	5.9	0.023
C203544		25.8	820	10.5	4.9	<0.001	0.08	1.01	4.4	1.5	0.2	25.6	0.01	0.07	2.7	0.015
C203545		22.0	640	6.4	11.6	<0.001	0.06	0.48	2.7	0.7	0.3	10.3	<0.01	0.03	3.1	0.029
C203546		22.1	640	18.7	9.2	<0.001	0.04	0.75	1.2	0.8	0.3	4.7	<0.01	0.05	8.9	0.013
C203547		16.4	420	10.9	10.7	<0.001	0.05	0.77	1.6	0.6	0.6	7.4	<0.01	0.05	1.3	0.039
C203548		21.8	930	9.7	10.4	<0.001	0.12	0.57	5.9	2.5	0.3	10.1	0.01	0.21	7.9	0.006
C203549		54.9	750	12.9	10.1	<0.001	0.08	1.68	2.0	1.2	0.5	5.2	<0.01	0.13	9.4	0.019

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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VANCOUVER BC V6C 1G8

Finalized Date: 26-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06081731

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C203386		0.20	1.37	17	0.11	24.30	73	3.5
C203387		0.08	1.59	13	0.06	3.22	46	<0.5
C203388		0.08	1.19	30	0.16	18.05	46	1.4
C203389		0.50	2.88	29	0.24	14.95	30	1.3
C203390		0.12	0.80	71	0.26	2.55	44	1.2
C203391		0.11	0.75	75	0.26	2.19	37	1.0
C203392		0.55	4.74	36	0.30	16.55	41	<0.5
C203393		0.21	1.30	38	0.16	8.60	126	1.6
C203394		0.52	2.48	41	0.13	11.05	78	2.4
C203395		0.23	9.82	42	0.34	29.30	45	2.9
C203396		0.17	6.53	35	0.29	16.00	224	1.3
C203397		0.10	1.28	31	0.67	3.35	39	<0.5
C203398		0.17	1.94	33	0.36	6.25	29	<0.5
C203399		0.13	3.54	25	0.88	14.35	17	2.0
C203400		0.26	3.83	21	0.34	18.45	46	4.7
C203401		0.34	2.47	35	0.16	6.49	50	0.8
C203402		0.24	2.42	39	0.26	16.45	81	1.5
C203403		0.11	4.34	27	0.73	20.60	26	4.5
C203404		0.12	2.62	42	0.70	4.60	77	0.6
C203405		0.07	2.40	18	0.31	4.26	21	1.3
C203406		0.91	8.64	51	0.68	13.40	65	1.0
C203407		0.10	2.76	20	0.39	11.50	34	1.5
C203408		0.09	2.53	85	0.40	6.59	39	<0.5
C203409		0.22	4.08	28	1.09	22.20	44	3.7
C203410		0.13	2.15	36	0.37	9.83	37	<0.5
C203411		0.13	2.19	36	0.38	11.70	39	<0.5
C203412		4.13	2.00	15	0.16	23.50	71	2.4
C203413		0.16	5.35	18	0.72	31.00	43	7.4
C203414		0.16	6.48	32	0.31	12.30	51	1.4
C203415		0.29	5.82	33	0.30	23.50	41	4.1
C203416		0.22	3.49	25	0.35	14.70	44	<0.5
C203541		0.21	2.07	33	0.19	9.75	98	1.4
C203542		0.35	2.03	21	0.14	17.95	49	1.6
C203543		0.08	3.81	43	0.26	36.30	50	1.1
C203544		0.53	1.35	32	0.10	30.50	52	2.7
C203545		0.08	2.06	27	0.20	4.81	37	1.7
C203546		0.08	2.81	24	0.10	5.91	40	1.1
C203547		0.09	0.68	49	0.19	2.32	52	<0.5
C203548		0.63	9.86	14	0.35	16.75	28	1.9
C203549		0.13	3.08	38	0.19	6.42	49	0.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06081731

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C203550		0.46	<0.005	0.18	1.50	50.4	<10	50	1.14	1.62	0.04	0.11	66.60	24.6	17	5.85
C203551		0.48	<0.005	0.19	2.28	121.5	<10	300	1.89	1.73	0.44	0.34	66.80	91.3	22	5.29
C203552		0.52	0.007	0.10	2.26	109.5	<10	80	1.25	0.28	0.13	0.11	93.80	39.4	33	3.24
C203553		0.70	0.027	0.18	1.01	25.7	<10	630	1.73	1.47	0.17	0.05	92.40	66.5	15	5.17
C203554		0.46	0.019	0.30	2.32	318.0	<10	1680	1.60	5.79	0.63	0.14	44.00	99.2	27	4.01
C203555		0.54	<0.005	0.07	0.59	12.1	<10	430	0.65	0.24	0.05	0.09	51.50	7.2	9	3.14
C203556		0.46	<0.005	0.99	0.75	18.4	<10	130	1.24	0.48	0.67	2.27	54.80	22.2	9	1.04
C203557		0.44	0.007	0.16	2.18	14.7	<10	750	1.44	0.72	0.56	0.11	31.60	32.4	27	3.83
C203558		0.56	0.006	0.07	1.04	8.7	<10	350	0.44	0.73	0.15	0.14	50.70	8.1	15	1.77
C203559		0.52	0.008	0.07	1.22	34.2	<10	1100	1.34	0.81	0.56	0.09	37.40	97.6	12	4.08
C203560		0.62	<0.005	0.03	3.66	7.8	<10	720	1.12	0.47	0.57	0.04	37.00	40.3	60	3.57
C203561		0.64	0.006	0.05	1.49	48.2	<10	180	1.24	0.61	0.29	0.15	55.20	116.5	16	3.69
C203562		0.52	<0.005	0.03	1.31	12.0	<10	50	0.25	0.53	0.04	0.08	46.80	6.0	18	1.71
C203563		0.72	<0.005	0.05	1.30	9.4	<10	80	0.93	0.53	0.08	0.24	120.00	16.2	16	1.53
C203564		0.64	<0.005	0.07	1.12	11.0	<10	110	0.93	0.51	0.10	0.23	87.80	14.2	14	1.58
C203565		0.64	<0.005	0.07	1.50	14.0	<10	50	0.61	0.75	0.05	0.15	75.60	12.1	18	2.08
C203566		0.60	<0.005	0.05	2.08	12.7	<10	90	0.98	0.45	0.06	0.22	56.20	15.0	23	1.56
C203567		0.56	<0.005	0.10	1.95	32.7	<10	90	1.13	1.29	0.04	0.21	43.00	45.3	15	2.43
C203568		0.58	<0.005	0.11	0.98	22.9	<10	50	0.48	0.70	0.05	0.16	33.40	11.2	9	1.30
C203569		0.74	<0.005	0.15	1.84	24.6	<10	70	1.18	0.99	0.05	0.23	91.40	14.8	19	2.50
C203570		0.66	<0.005	0.24	1.82	26.2	<10	70	1.02	1.02	0.05	0.20	92.20	14.4	19	2.67
C203571		0.52	<0.005	0.14	1.12	15.9	<10	40	0.49	0.91	0.05	0.12	77.60	18.0	13	2.23
C203572		0.56	<0.005	0.10	1.25	10.6	<10	50	0.30	1.07	0.05	0.12	73.40	6.0	12	1.83
C203573		0.52	<0.005	0.41	1.15	9.4	<10	40	0.35	0.76	0.05	0.07	62.50	5.3	11	2.09
C203574		0.60	<0.005	0.06	1.36	11.3	<10	60	0.75	0.56	0.09	0.13	79.40	15.2	14	2.30
C203575		0.54	<0.005	0.08	1.26	14.2	<10	40	0.56	0.60	0.04	0.15	60.70	10.8	16	1.73
C203576		0.70	0.005	0.14	1.82	14.0	<10	90	1.50	0.92	0.07	0.21	109.00	22.7	18	3.16
C203577		0.52	0.021	0.11	1.17	18.8	<10	3230	0.69	0.60	0.43	0.19	37.00	30.3	17	0.69
C203578		0.60	0.089	0.35	1.56	76.0	<10	600	1.31	0.74	0.81	0.38	46.50	139.0	17	2.80
C203579		0.48	<0.005	0.07	1.17	12.3	<10	410	0.57	0.67	0.27	0.13	39.40	35.8	16	2.40
C203601		0.38	0.012	0.15	1.71	17.7	<10	1080	1.66	0.70	0.32	0.33	71.90	20.9	25	1.88
C203602		0.46	0.006	0.12	1.03	13.1	<10	2030	1.35	1.02	0.61	0.27	41.00	16.7	17	0.70
C203603		0.38	<0.005	0.49	1.36	25.3	<10	120	0.89	1.84	1.71	0.62	25.20	23.6	16	1.51
C203604		0.52	<0.005	0.12	1.61	35.4	<10	90	0.65	0.99	0.07	0.22	55.30	14.7	20	1.41
C203605		0.54	<0.005	0.71	2.06	67.1	<10	50	1.16	5.86	0.06	0.47	51.30	33.5	22	1.94
C203606		0.66	0.090	0.46	1.93	58.8	<10	90	1.40	1.97	0.18	0.20	35.20	102.0	21	4.41
C203801		0.24	<0.005	0.22	1.94	25.0	10	200	1.73	0.65	0.80	0.57	72.60	15.6	22	1.64
C203802		0.22	<0.005	0.15	2.03	60.2	<10	200	1.15	1.46	0.63	0.40	51.60	34.4	27	2.53
C203803		0.24	0.008	0.60	1.68	326.0	<10	70	1.48	8.84	0.56	0.35	66.70	37.3	11	1.85
C203804		0.30	0.008	0.20	2.23	54	10	30	1.34	2.40	11.25	0.17	27.00	22.8	15	1.45

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C203550		119.0	4.94	6.40	0.09	0.03	0.07	0.051	0.05	28.9	19.7	0.34	902	5.16	<0.01	0.83
C203551		183.5	6.21	5.62	0.12	0.13	0.11	0.138	0.09	30.2	27.2	0.52	10700	2.29	0.01	0.34
C203552		170.0	3.71	7.97	0.15	0.03	0.04	0.028	0.15	52.9	22.9	0.89	366	5.80	0.03	0.55
C203553		693.0	4.18	4.10	0.13	0.18	0.06	0.093	0.29	53.3	19.3	0.77	2700	4.79	<0.01	0.23
C203554		393.0	6.47	9.08	0.11	0.19	0.08	0.244	0.14	28.6	37.9	1.75	3640	8.24	0.01	0.34
C203555		27.4	2.11	3.38	0.06	0.02	0.03	0.061	0.09	23.8	3.1	0.19	1765	1.20	<0.01	0.10
C203556		135.5	4.54	2.36	0.12	0.11	0.43	0.065	0.11	26.2	8.7	0.41	3020	2.04	<0.01	0.16
C203557		39.6	3.71	8.99	0.08	0.07	0.11	0.054	0.11	17.3	26.1	1.51	1590	2.58	0.01	0.67
C203558		89.5	2.72	5.51	0.07	<0.02	0.06	0.035	0.06	24.9	12.7	0.23	361	4.64	<0.01	0.71
C203559		96.5	3.80	4.80	0.09	0.13	0.08	0.085	0.20	20.9	18.6	0.84	2080	14.40	0.01	0.29
C203560		209.0	6.03	11.10	0.19	0.04	0.04	0.055	0.41	18.2	48.4	4.14	1215	2.76	0.01	0.54
C203561		257.0	4.27	5.69	0.10	0.07	0.05	0.118	0.23	30.6	22.8	0.73	3700	3.83	<0.01	0.52
C203562		17.3	3.92	6.97	0.07	0.06	0.03	0.025	0.05	22.1	9.6	0.21	271	1.65	<0.01	1.96
C203563		37.6	2.97	3.77	0.13	0.04	0.04	0.026	0.07	45.5	11.8	0.29	844	1.21	<0.01	1.15
C203564		35.1	2.66	3.51	0.10	0.03	0.03	0.024	0.08	35.6	11.2	0.23	904	1.27	<0.01	0.96
C203565		35.0	3.53	5.26	0.10	0.02	0.06	0.030	0.07	28.7	13.8	0.24	655	1.65	<0.01	1.34
C203566		33.9	3.29	5.01	0.09	0.09	0.07	0.034	0.06	22.9	19.6	0.34	690	1.61	<0.01	1.31
C203567		103.5	5.35	6.44	0.10	0.08	0.15	0.074	0.08	19.3	21.8	0.41	3260	1.44	<0.01	0.58
C203568		40.4	2.60	3.16	0.05	0.02	0.10	0.025	0.07	15.1	6.0	0.17	597	1.09	0.01	0.83
C203569		45.1	3.75	5.19	0.11	0.08	0.07	0.035	0.08	36.6	18.8	0.25	571	1.91	<0.01	1.62
C203570		42.3	3.84	5.31	0.11	0.07	0.07	0.033	0.08	37.9	19.6	0.24	512	2.06	<0.01	1.75
C203571		44.7	2.92	3.83	0.08	0.03	0.11	0.025	0.08	28.5	8.4	0.19	782	1.10	<0.01	1.13
C203572		22.0	3.62	4.64	0.09	0.02	0.14	0.024	0.07	29.3	7.5	0.15	310	1.20	<0.01	2.24
C203573		24.9	3.25	4.23	0.08	0.02	0.10	0.020	0.07	27.5	5.2	0.11	353	0.93	<0.01	1.69
C203574		33.4	2.87	3.96	0.09	0.04	0.08	0.026	0.07	30.3	13.5	0.35	1185	0.97	<0.01	1.36
C203575		56.4	2.90	4.23	0.09	0.03	0.12	0.031	0.05	24.5	11.4	0.25	456	1.77	<0.01	1.22
C203576		50.3	3.30	4.85	0.09	0.08	0.04	0.038	0.08	42.2	16.9	0.31	1310	1.33	<0.01	1.54
C203577		32.6	4.26	3.01	0.06	0.09	0.18	0.078	0.06	17.6	7.6	0.35	3370	2.40	<0.01	0.37
C203578		1060.0	6.12	4.37	0.11	0.19	0.12	0.146	0.23	25.0	14.2	0.82	6670	9.55	<0.01	0.42
C203579		17.8	3.63	4.27	0.05	0.02	0.04	0.060	0.15	20.7	18.9	0.53	1445	3.01	<0.01	0.45
C203601		113.5	4.57	5.70	0.11	0.14	0.16	0.210	0.10	41.8	18.7	0.77	3660	1.33	<0.01	0.34
C203602		285.0	4.14	3.46	0.08	0.12	0.15	0.163	0.10	22.1	10.1	0.47	3130	0.94	<0.01	0.26
C203603		96.7	3.31	3.28	0.06	0.07	0.07	0.069	0.05	14.4	20.4	0.66	1890	1.29	<0.01	0.47
C203604		126.0	3.77	5.41	0.07	0.03	0.04	0.050	0.07	26.4	22.9	0.39	712	1.98	<0.01	0.79
C203605		216.0	8.30	7.29	0.12	0.05	0.10	0.060	0.10	25.7	22.8	0.55	1620	8.96	<0.01	0.33
C203606		215.0	6.57	4.87	0.17	0.18	0.07	0.127	0.14	15.6	30.0	1.75	4440	3.45	<0.01	0.21
C203801		212.0	4.40	4.26	0.15	0.14	0.07	0.063	0.11	53.4	28.1	0.86	2330	0.94	<0.01	0.55
C203802		223.0	3.59	5.90	0.07	0.06	0.04	0.046	0.12	26.6	28.9	0.87	2480	1.18	<0.01	0.79
C203803		249.0	6.70	4.11	0.13	0.16	0.05	0.121	0.09	35.1	26.7	1.01	4420	6.78	<0.01	0.34
C203804		71.6	3.30	5.23	0.77	0.20	0.03	0.112	0.04	13.6	47.3	9.52	2700	6.66	0.02	0.05

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA06081731

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C203550		48.8	750	11.7	11.0	<0.001	0.08	1.65	1.9	1.1	0.5	4.7	<0.01	0.11	9.2	0.018
C203551		34.3	1090	32.8	15.3	<0.001	0.10	1.10	5.1	1.7	0.4	11.6	0.01	0.09	20.2	0.009
C203552		84.1	920	20.3	21.7	<0.001	0.13	1.64	4.2	0.9	0.3	13.1	<0.01	0.14	10.1	0.042
C203553		47.4	650	6.5	35.7	<0.001	0.03	1.64	4.9	0.7	0.8	3.5	<0.01	0.11	12.1	0.035
C203554		39.6	1420	11.4	26.8	<0.001	0.11	1.77	13.9	1.9	0.9	10.5	0.01	0.30	4.9	0.019
C203555		7.3	760	5.4	14.5	<0.001	0.07	1.03	0.6	0.5	0.3	4.0	<0.01	0.03	1.5	0.006
C203556		30.2	770	152.5	13.2	<0.001	0.09	3.61	4.4	1.3	0.3	5.4	0.01	0.11	1.6	0.011
C203557		36.0	1370	40.6	20.6	<0.001	0.10	0.72	7.5	1.1	0.8	11.1	0.01	0.16	4.1	0.045
C203558		14.1	660	10.5	16.7	<0.001	0.07	0.79	1.7	0.9	0.7	8.2	<0.01	0.14	1.0	0.032
C203559		39.5	1470	6.2	39.3	<0.001	0.14	1.29	2.7	1.5	0.5	11.3	0.01	0.14	4.3	0.030
C203560		59.2	540	3.7	49.0	<0.001	0.05	0.45	12.1	0.6	0.6	13.7	<0.01	0.05	5.6	0.139
C203561		43.2	690	8.6	49.2	<0.001	0.04	0.85	5.1	0.9	0.7	7.5	<0.01	0.12	7.1	0.043
C203562		12.8	190	14.9	10.7	<0.001	0.02	0.68	2.1	0.3	0.8	5.7	<0.01	0.06	7.9	0.038
C203563		22.0	550	27.6	10.8	<0.001	0.03	0.80	2.1	0.8	0.3	7.0	0.01	0.04	8.4	0.025
C203564		18.1	530	26.4	13.3	<0.001	0.03	0.67	1.8	0.5	0.3	7.6	<0.01	0.04	8.1	0.018
C203565		16.4	560	37.8	16.8	<0.001	0.04	0.74	1.8	0.7	0.5	5.9	<0.01	0.07	5.8	0.022
C203566		23.2	590	31.1	15.2	<0.001	0.04	0.73	2.5	1.3	0.5	8.1	<0.01	0.05	6.9	0.024
C203567		20.1	1180	20.1	17.1	<0.001	0.09	0.92	5.3	1.4	0.4	3.8	0.01	0.07	9.9	0.010
C203568		9.9	970	12.0	11.2	<0.001	0.08	0.70	1.2	0.8	0.3	3.6	0.01	0.05	4.0	0.010
C203569		16.7	600	70.1	19.5	<0.001	0.03	0.61	2.1	0.9	0.5	6.0	0.01	0.06	14.7	0.014
C203570		16.1	560	67.2	20.1	<0.001	0.03	0.64	2.1	1.0	0.5	6.2	0.01	0.06	15.5	0.015
C203571		12.1	800	42.6	16.3	<0.001	0.06	0.69	1.3	0.8	0.3	4.2	0.01	0.07	9.1	0.013
C203572		9.8	580	69.6	14.4	<0.001	0.06	0.68	1.4	1.0	0.4	4.7	0.01	0.07	12.4	0.016
C203573		6.9	700	40.8	15.9	<0.001	0.05	0.47	1.2	0.8	0.4	4.0	0.01	0.06	11.3	0.012
C203574		13.4	810	27.4	13.4	<0.001	0.04	0.67	1.7	0.6	0.3	6.3	<0.01	0.04	9.7	0.014
C203575		17.1	530	12.6	12.2	<0.001	0.04	0.86	1.8	0.8	0.4	5.4	<0.01	0.06	8.1	0.019
C203576		16.2	680	46.9	19.4	<0.001	0.02	0.69	2.5	0.5	0.5	7.4	0.01	0.07	13.1	0.017
C203577		29.0	790	11.1	8.3	0.001	0.07	1.26	6.0	0.8	0.4	30.3	0.01	0.14	3.5	0.023
C203578		51.3	1280	14.9	32.3	0.001	0.09	1.67	7.3	1.3	0.5	13.9	0.02	0.32	4.6	0.038
C203579		18.7	820	7.1	37.8	<0.001	0.06	0.76	2.3	0.5	0.5	8.9	0.01	0.14	1.5	0.038
C203601		29.5	1140	46.7	15.5	0.001	0.08	1.33	12.4	1.4	0.6	12.5	0.02	0.12	3.8	0.020
C203602		27.8	1230	22.2	12.0	0.001	0.09	1.38	8.5	0.9	0.5	17.1	0.01	0.18	5.2	0.017
C203603		34.0	900	65.3	11.5	<0.001	0.12	2.09	3.2	1.3	0.2	27.9	0.01	0.10	2.9	0.014
C203604		22.4	400	13.6	13.1	<0.001	0.02	0.76	3.2	0.4	0.5	6.3	<0.01	0.13	6.0	0.022
C203605		60.6	1890	118.5	19.1	<0.001	0.18	6.81	2.4	1.4	0.4	8.8	<0.01	0.26	7.4	0.017
C203606		89.1	480	15.9	20.2	<0.001	0.06	2.23	5.3	1.3	0.2	7.8	0.01	0.18	11.8	0.029
C203801		38.6	970	57.0	20.2	<0.001	0.07	0.96	6.8	1.3	0.4	13.3	0.01	0.09	4.4	0.022
C203802		37.2	840	31.2	22.9	<0.001	0.05	0.82	4.1	0.7	0.5	18.8	<0.01	0.10	5.7	0.030
C203803		60.2	960	42.3	13.5	0.001	0.13	3.22	3.7	1.7	0.3	16.6	0.01	0.38	14.4	0.013
C203804		32.6	1210	16.7	4.1	0.002	0.06	2.89	4.2	1.6	0.2	30.0	<0.01	0.09	7.5	<0.005

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 26-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06081731

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C203550		0.12	2.78	35	0.17	6.06	47	0.9
C203551		0.18	9.21	25	0.11	31.90	67	2.0
C203552		0.17	6.87	45	0.13	10.50	79	0.8
C203553		0.09	8.39	20	0.90	17.90	20	6.1
C203554		0.18	6.62	69	0.39	24.40	45	4.2
C203555		0.06	0.90	13	0.05	4.67	32	0.7
C203556		0.36	0.94	18	0.09	28.60	734	1.9
C203557		0.24	4.68	58	0.35	15.35	53	1.5
C203558		0.09	1.56	44	0.49	4.63	38	<0.5
C203559		0.11	5.00	17	0.38	16.65	21	3.1
C203560		0.15	2.78	149	0.20	9.85	48	1.0
C203561		0.16	4.56	29	0.42	16.85	31	1.8
C203562		0.13	0.79	58	0.21	3.58	50	2.1
C203563		0.11	3.22	27	0.28	12.30	72	0.7
C203564		0.10	2.51	24	0.26	9.24	58	0.5
C203565		0.13	1.73	37	0.28	6.00	67	0.5
C203566		0.18	1.28	42	0.25	5.09	100	1.9
C203567		0.14	2.33	62	0.14	20.30	54	1.2
C203568		0.09	1.53	23	0.15	4.98	31	<0.5
C203569		0.14	2.05	34	0.26	7.77	87	1.7
C203570		0.14	1.97	34	0.27	7.71	80	1.5
C203571		0.10	1.72	22	0.24	6.02	53	0.6
C203572		0.12	1.28	27	0.31	6.23	56	0.6
C203573		0.10	1.32	24	0.28	4.78	49	0.5
C203574		0.09	1.60	25	0.47	6.26	57	0.8
C203575		0.11	2.17	33	0.25	4.86	40	0.5
C203576		0.18	2.42	33	0.43	9.30	72	1.1
C203577		0.08	2.10	32	0.34	14.25	43	1.5
C203578		0.16	6.45	33	0.55	35.00	69	3.4
C203579		0.10	2.84	34	0.37	6.30	36	0.5
C203601		0.15	5.09	46	0.35	35.80	99	1.4
C203602		0.12	2.61	32	0.49	21.80	69	1.9
C203603		0.11	5.46	20	0.12	23.50	284	0.8
C203604		0.14	0.87	36	0.23	6.54	60	0.5
C203605		0.16	6.84	38	0.11	6.62	277	1.0
C203606		0.43	5.83	18	0.08	26.80	58	7.1
C203801		0.22	2.83	32	0.18	37.30	270	1.9
C203802		0.23	1.68	38	0.23	11.55	112	1.1
C203803		0.13	5.14	16	0.11	24.40	232	3.6
C203804		0.91	2.62	47	<0.05	13.20	135	7.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C203805		0.26	0.013	0.44	1.64	55.9	<10	110	1.07	4.46	3.05	0.35	35.00	48.8	13	1.21
C203806		0.28	0.006	0.09	2.34	11.2	<10	70	3.37	0.73	1.45	0.10	64.90	103.0	20	3.13
C203807		0.32	0.008	0.23	1.38	46.4	<10	90	1.70	1.96	1.55	0.18	22.80	175.0	17	1.49
C203808		0.94	<0.005	0.06	1.22	11.9	<10	70	0.78	0.40	0.10	0.25	54.90	17.4	16	1.10
C203809		0.76	0.006	0.08	1.73	14.9	<10	120	1.41	0.65	0.17	0.12	49.20	38.8	19	2.20
C203810		0.70	0.005	0.08	1.77	15.2	<10	120	1.45	0.65	0.18	0.13	49.40	37.6	19	2.18
C203811		0.96	0.007	0.09	1.29	35.6	<10	100	1.13	1.69	0.07	0.18	76.30	39.7	12	1.29
C203812		0.90	0.005	0.07	1.59	25.4	<10	80	1.02	1.10	0.04	0.15	77.30	30.3	12	1.52
C203813		0.78	0.005	0.06	1.84	17.5	<10	70	1.41	0.86	0.06	0.10	71.50	36.3	15	1.96
C203814		0.88	<0.005	0.06	1.80	13.2	<10	80	0.84	0.48	0.06	0.20	63.90	18.7	21	1.39
C203815		0.74	<0.005	0.05	1.43	11.0	<10	90	1.00	0.40	0.09	0.15	65.40	23.5	21	1.58
C203816		0.80	<0.005	0.06	1.51	8.5	<10	100	0.71	0.53	0.08	0.15	47.30	14.7	17	1.22
C203817		0.64	<0.005	0.07	1.30	10.2	<10	100	0.78	0.52	0.12	0.19	36.20	20.9	17	1.49
C203818		0.76	<0.005	0.12	1.31	11.0	<10	80	0.63	0.76	0.17	0.22	30.50	24.2	28	1.26
C203819		0.80	0.047	0.13	1.14	8.7	<10	2320	1.46	0.55	3.69	0.11	48.40	24.9	15	2.28
C203820		0.74	0.029	0.86	1.57	17.2	<10	580	1.07	0.99	0.72	0.28	56.40	49.6	20	3.31
C203821		0.90	0.009	0.03	0.93	3.2	<10	80	0.92	0.34	0.17	0.05	61.40	55.7	15	1.28
C203851		0.48	0.005	0.11	1.49	25.5	<10	300	0.66	0.62	0.23	0.12	49.00	24.5	24	1.62
C203852		0.34	<0.005	0.13	1.48	75.1	<10	90	0.54	1.13	0.07	0.22	33.50	22.1	23	1.68
C203853		0.40	0.009	0.21	2.48	25.0	10	80	1.90	2.31	2.40	0.21	38.10	21.7	20	1.75
C203854		0.50	<0.005	0.05	1.14	12.1	<10	80	1.19	0.82	0.19	0.13	37.40	17.7	14	0.75
C203855		0.58	0.147	0.25	1.39	167.5	<10	50	0.81	2.85	0.20	0.08	70.00	1240.0	19	0.80
C203856		0.56	0.006	0.28	2.00	68.1	<10	110	1.39	0.82	0.20	0.48	53.20	23.7	37	1.56
C203857		0.44	<0.005	0.12	1.03	22.0	<10	70	0.49	0.92	0.46	0.12	35.70	12.0	16	0.59
C203858		0.32	0.014	0.25	1.32	34.0	<10	150	0.83	2.76	0.71	0.19	39.70	49.3	12	0.62
C203859		0.60	0.021	0.08	2.37	22.6	<10	420	1.20	1.66	0.07	0.09	104.00	28.6	27	1.09
C203860		0.48	0.012	0.08	2.40	22.6	<10	430	1.20	1.80	0.06	0.08	105.50	27.7	27	1.06
C203861		0.46	<0.005	0.09	1.81	8.8	<10	120	1.32	0.78	4.95	0.22	37.70	19.9	14	1.32
C203862		0.44	<0.005	0.04	1.73	13.9	<10	50	0.70	0.63	0.07	0.11	74.80	12.5	22	1.29
C203863		0.42	<0.005	0.10	2.34	12.1	<10	200	1.98	0.61	0.30	0.07	36.20	34.1	26	3.67
C203864		0.42	0.036	4.57	0.99	549.0	<10	1770	0.48	32.50	0.33	0.12	37.20	44.7	6	0.57
C203865		0.52	0.009	0.15	2.07	97.3	<10	100	1.20	2.48	0.10	0.14	29.90	89.4	20	1.41
C203866		0.56	<0.005	0.24	2.09	72.0	<10	60	1.25	1.62	0.07	0.12	54.30	51.6	23	2.68
C203867		0.50	<0.005	0.08	1.77	28.4	<10	120	1.14	0.86	0.02	0.11	77.70	30.3	18	1.47
C203868		0.64	0.010	0.12	1.75	14.6	<10	320	1.42	0.64	0.27	0.05	75.30	30.8	20	3.51
C203869		0.50	0.032	0.48	0.75	34.0	<10	700	0.98	1.14	0.51	0.09	53.10	40.4	11	0.94
C203870		0.56	0.012	0.29	0.70	35.7	<10	550	1.00	0.65	0.55	0.08	54.70	42.0	12	1.00
C203871		0.36	0.009	1.33	1.17	93.9	<10	290	1.06	1.11	0.93	2.30	66.30	27.2	9	2.87
C203872		0.46	0.220	1.25	0.68	228.0	<10	180	0.55	11.70	0.49	0.13	>500	211.0	7	0.44
C203873		0.46	0.015	0.05	4.42	5.1	<10	70	1.29	0.57	0.28	0.06	45.20	53.6	36	5.85

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C203805		33.9	6.41	4.36	0.43	0.12	0.06	0.232	0.04	16.0	23.4	3.18	5690	21.60	<0.01	0.21
C203806		27.3	8.63	6.41	0.16	0.23	0.05	0.556	0.06	31.3	30.6	1.95	10550	3.64	<0.01	0.08
C203807		74.0	5.60	4.61	0.15	0.09	0.07	0.157	0.03	12.0	15.6	1.29	4590	14.75	<0.01	0.13
C203808		37.8	2.85	3.32	0.06	0.03	0.06	0.032	0.05	25.3	10.9	0.30	1680	1.34	<0.01	0.53
C203809		34.4	4.81	4.06	0.09	0.06	0.09	0.075	0.09	23.2	15.3	0.43	3230	2.82	<0.01	0.53
C203810		35.3	4.82	4.20	0.08	0.07	0.08	0.078	0.09	23.7	15.7	0.44	3150	2.86	<0.01	0.56
C203811		187.5	3.86	3.18	0.09	0.04	0.03	0.045	0.06	34.3	10.9	0.34	2040	2.28	<0.01	0.40
C203812		121.5	4.18	4.09	0.09	0.04	0.02	0.041	0.06	35.2	14.0	0.31	1840	1.74	<0.01	0.57
C203813		30.0	4.53	4.21	0.09	0.05	0.04	0.051	0.09	33.3	20.5	0.43	1340	4.06	<0.01	0.59
C203814		35.3	3.64	5.03	0.08	0.03	0.04	0.034	0.07	30.0	16.8	0.29	890	2.08	<0.01	1.34
C203815		33.3	3.41	3.86	0.07	0.03	0.06	0.035	0.08	31.1	15.9	0.28	3570	1.49	<0.01	0.66
C203816		34.8	3.25	4.16	0.07	0.03	0.06	0.035	0.08	21.6	15.1	0.25	1560	1.14	<0.01	0.73
C203817		42.2	3.55	3.37	0.06	0.04	0.06	0.055	0.08	16.2	14.4	0.33	2670	1.33	<0.01	0.58
C203818		39.8	3.94	5.33	0.06	0.02	0.11	0.051	0.08	14.0	16.6	0.30	3210	1.45	<0.01	0.53
C203819		135.5	4.76	2.66	0.08	0.26	0.08	0.128	0.16	24.8	10.2	0.74	6910	2.52	<0.01	0.15
C203820		328.0	5.28	4.65	0.11	0.14	0.19	0.094	0.19	33.6	18.5	1.25	4830	11.15	<0.01	0.52
C203821		64.8	3.12	2.66	0.08	0.16	0.02	0.025	0.05	30.5	11.5	0.59	1285	2.79	<0.01	0.05
C203851		140.5	3.03	4.81	0.07	0.02	0.05	0.035	0.07	28.3	18.7	0.55	770	1.49	<0.01	0.70
C203852		148.0	4.48	6.33	0.07	<0.02	0.12	0.111	0.05	16.8	13.1	0.19	3920	2.63	<0.01	0.61
C203853		60.2	4.34	6.11	0.59	0.13	0.12	0.171	0.05	19.9	54.2	4.43	4000	4.09	<0.01	0.16
C203854		44.5	3.96	3.18	0.07	0.06	0.03	0.122	0.06	16.6	14.2	0.56	2410	1.58	<0.01	0.34
C203855		217.0	12.85	3.76	0.21	0.14	0.06	0.088	0.10	34.1	14.4	0.33	3660	61.50	0.07	0.17
C203856		82.9	4.51	6.21	0.11	0.04	0.04	0.063	0.07	25.7	20.4	0.77	782	3.40	0.01	1.74
C203857		116.0	2.44	2.88	0.07	0.05	0.03	0.041	0.04	18.6	14.1	0.48	961	0.57	<0.01	0.47
C203858		246.0	8.12	4.17	0.12	0.14	0.09	0.185	0.05	20.7	17.8	0.65	8420	13.70	<0.01	0.20
C203859		80.7	5.42	6.55	0.15	0.11	0.06	0.070	0.13	52.4	20.4	1.05	3280	2.21	<0.01	0.24
C203860		83.6	5.46	6.69	0.15	0.12	0.06	0.069	0.14	54.7	20.6	1.08	3150	2.21	<0.01	0.20
C203861		120.0	5.58	5.51	0.32	0.11	0.05	0.476	0.03	19.1	23.8	7.15	11300	3.20	0.01	0.20
C203862		35.3	3.98	6.05	0.10	0.03	0.03	0.028	0.04	36.9	23.3	0.49	286	1.38	<0.01	0.69
C203863		34.2	5.11	5.80	0.10	0.20	0.03	0.161	0.09	16.5	51.9	1.59	2230	1.79	<0.01	0.31
C203864		1230.0	16.45	3.10	0.19	0.12	0.85	0.545	0.03	20.8	7.5	0.52	16950	18.05	<0.01	0.13
C203865		145.0	7.52	6.36	0.12	0.14	0.04	0.137	0.04	14.5	31.0	1.39	4290	10.85	0.03	0.23
C203866		103.5	4.68	5.51	0.09	0.05	0.05	0.050	0.05	22.5	24.2	0.37	731	4.08	<0.01	1.11
C203867		54.9	3.32	4.69	0.10	0.09	0.02	0.027	0.04	37.1	22.3	0.79	523	3.96	<0.01	0.32
C203868		156.0	4.15	5.29	0.13	0.20	0.04	0.072	0.23	42.1	33.7	1.40	2470	1.85	<0.01	0.30
C203869		63.6	4.59	2.26	0.10	0.10	0.06	0.060	0.11	30.6	8.2	0.36	2930	9.40	<0.01	0.21
C203870		64.1	4.74	2.16	0.10	0.10	0.05	0.067	0.12	31.6	7.9	0.36	2970	4.81	<0.01	0.21
C203871		62.9	3.68	2.78	0.11	0.18	0.16	0.232	0.07	36.9	13.8	0.76	4800	1.22	<0.01	0.13
C203872		1150.0	11.05	3.40	0.38	0.20	3.54	0.198	0.04	400.0	5.8	0.32	7910	90.00	<0.01	3.67
C203873		216.0	7.59	16.40	0.30	0.02	0.03	0.085	0.43	20.0	58.7	4.57	783	4.18	<0.01	0.58

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 26-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06081731

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C203805		48.0	950	48.0	7.8	<0.001	0.08	2.98	4.9	2.2	0.3	11.8	0.01	0.11	2.3	0.014
C203806		37.8	270	16.0	6.9	<0.001	0.03	1.26	16.0	0.8	0.3	14.1	0.01	0.12	43.8	0.005
C203807		50.1	1710	8.2	8.7	0.002	0.22	0.87	7.9	2.0	0.3	11.1	0.01	0.36	3.3	0.008
C203808		21.4	530	11.3	8.8	<0.001	0.02	0.77	2.0	0.7	0.3	7.6	<0.01	0.06	3.6	0.025
C203809		30.1	630	16.6	13.0	<0.001	0.03	0.88	5.1	0.7	0.4	12.1	0.01	0.11	14.5	0.020
C203810		31.1	630	16.3	13.5	<0.001	0.03	0.87	5.3	0.8	0.4	12.6	0.01	0.10	14.1	0.020
C203811		36.9	520	17.2	7.4	<0.001	0.02	1.25	3.9	0.6	0.3	7.1	<0.01	0.17	14.0	0.021
C203812		25.5	660	14.6	10.6	<0.001	0.02	0.92	2.7	0.5	0.3	4.1	<0.01	0.14	16.8	0.014
C203813		24.5	590	9.6	10.3	<0.001	0.02	0.75	3.4	0.5	0.4	6.7	<0.01	0.12	16.1	0.013
C203814		20.9	730	14.3	13.0	<0.001	0.02	0.81	2.4	0.7	0.6	7.6	0.01	0.09	7.8	0.033
C203815		18.9	480	15.2	13.7	<0.001	0.02	0.70	2.5	0.5	0.4	10.0	0.01	0.05	8.5	0.022
C203816		14.8	530	20.0	13.9	<0.001	0.02	0.74	2.1	0.5	0.4	6.6	<0.01	0.05	10.0	0.016
C203817		18.4	490	25.1	11.8	<0.001	0.01	0.80	2.4	0.4	0.3	8.2	<0.01	0.03	9.7	0.022
C203818		31.4	960	24.8	12.5	<0.001	0.04	1.19	2.2	0.7	0.3	6.7	<0.01	0.06	6.6	0.014
C203819		42.6	1200	7.5	11.5	0.001	0.12	1.52	5.9	0.8	0.4	30.8	0.01	0.15	5.8	0.016
C203820		40.8	1070	17.1	28.7	0.001	0.07	2.31	8.6	1.8	0.6	11.5	0.01	0.27	6.7	0.050
C203821		25.6	450	3.2	5.1	<0.001	0.03	0.24	3.5	0.6	0.2	2.4	<0.01	0.28	14.0	0.023
C203851		24.6	690	22.1	11.8	<0.001	0.04	0.61	3.2	0.6	0.4	12.9	<0.01	0.08	4.4	0.030
C203852		21.5	850	24.5	10.3	<0.001	0.07	1.03	2.2	1.0	0.7	7.8	<0.01	0.09	1.3	0.031
C203853		35.2	1610	14.2	8.9	0.001	0.07	1.56	6.2	1.9	0.3	10.2	0.01	0.11	3.6	0.011
C203854		23.8	620	7.6	9.8	<0.001	0.03	1.10	2.9	0.5	0.3	6.6	<0.01	0.05	6.0	0.017
C203855		208.0	1400	8.4	10.8	0.004	0.56	0.68	16.2	5.9	0.4	16.2	0.01	1.20	33.5	0.015
C203856		65.2	1120	66.2	13.4	<0.001	0.08	3.30	3.3	0.9	0.6	38.1	<0.01	0.12	6.5	0.087
C203857		25.4	490	6.9	6.1	<0.001	0.02	0.58	3.6	0.4	0.2	13.6	<0.01	0.06	6.4	0.022
C203858		39.0	780	11.0	7.8	<0.001	0.11	1.48	5.5	1.7	0.3	8.2	0.01	0.28	5.8	0.011
C203859		49.1	580	8.9	17.5	<0.001	0.01	0.74	6.7	0.7	0.5	3.9	0.01	0.11	15.6	0.023
C203860		49.1	560	8.8	17.2	<0.001	0.01	0.75	7.1	0.7	0.5	3.6	0.01	0.12	17.2	0.021
C203861		22.6	810	7.9	4.6	<0.001	0.07	0.71	4.1	1.3	0.2	27.6	0.01	0.06	2.1	0.014
C203862		23.8	510	9.0	6.7	<0.001	0.03	1.04	2.1	0.6	0.3	6.3	<0.01	0.07	7.2	0.027
C203863		32.3	650	7.9	10.4	<0.001	0.03	1.93	5.4	0.6	0.3	7.6	0.01	0.05	5.4	0.015
C203864		22.3	930	36.6	4.8	<0.001	0.07	4.35	3.7	1.2	0.4	5.7	0.01	0.17	3.3	<0.005
C203865		71.2	740	10.3	5.1	<0.001	0.20	2.03	7.9	1.3	0.3	7.1	0.01	0.25	12.2	0.007
C203866		78.5	720	14.0	10.3	<0.001	0.05	1.83	2.8	1.3	0.5	8.0	0.01	0.15	11.0	0.033
C203867		29.6	540	9.1	5.7	<0.001	0.02	2.17	2.1	0.4	0.2	4.7	<0.01	0.10	15.7	0.012
C203868		26.2	710	5.2	23.7	<0.001	0.03	1.07	5.0	0.6	0.6	4.7	0.01	0.10	6.6	0.026
C203869		23.2	830	9.0	16.2	<0.001	0.05	0.86	9.2	1.2	0.3	6.6	0.01	0.25	8.3	0.017
C203870		24.5	800	6.6	17.5	<0.001	0.05	0.85	9.9	0.9	0.4	6.1	0.01	0.15	9.0	0.017
C203871		31.5	870	148.0	9.7	<0.001	0.09	3.57	2.7	1.3	0.2	13.0	0.01	0.10	3.8	0.005
C203872		38.3	1350	12.1	6.2	0.001	0.07	2.02	6.7	6.8	8.7	10.2	0.04	6.55	3.3	0.008
C203873		61.0	360	5.1	58.9	<0.001	0.03	0.42	21.5	0.2	0.7	5.3	<0.01	0.19	2.6	0.186

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 26-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06081731

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C203805		2.43	1.48	58	0.18	31.50	65	1.8
C203806		0.68	1.53	19	0.10	38.40	48	8.1
C203807		0.33	9.75	29	0.18	19.30	22	1.4
C203808		0.09	2.31	30	0.29	6.42	51	<0.5
C203809		0.12	5.75	33	0.24	15.75	52	1.0
C203810		0.12	5.39	33	0.24	15.65	52	0.9
C203811		0.09	5.21	25	0.17	7.69	49	0.5
C203812		0.11	3.42	24	0.19	4.53	39	0.8
C203813		0.07	5.33	26	0.21	6.51	35	0.7
C203814		0.13	2.17	46	0.34	5.54	55	0.5
C203815		0.12	3.22	33	0.23	8.78	42	<0.5
C203816		0.13	1.35	32	0.16	3.89	48	0.5
C203817		0.12	1.90	28	0.28	4.99	67	0.6
C203818		0.10	1.67	26	0.09	3.77	63	<0.5
C203819		0.10	4.91	19	0.57	17.90	30	6.9
C203820		0.22	11.65	36	0.74	26.40	57	2.9
C203821		0.03	1.82	15	0.22	7.80	9	7.4
C203851		0.16	1.66	38	0.21	5.70	75	<0.5
C203852		0.19	1.67	53	0.25	4.88	66	<0.5
C203853		0.97	1.32	44	0.09	28.10	49	2.6
C203854		0.12	0.85	24	0.12	7.40	31	1.3
C203855		0.08	21.30	32	0.32	18.80	23	3.5
C203856		0.14	2.72	59	0.35	8.44	272	1.2
C203857		0.05	0.62	21	0.14	11.10	45	1.1
C203858		0.20	4.68	23	0.20	26.20	32	2.7
C203859		0.40	5.16	37	0.40	17.90	27	2.4
C203860		0.44	5.53	37	0.39	19.10	26	2.6
C203861		0.15	1.19	48	0.12	31.90	43	2.0
C203862		0.09	0.74	34	0.13	3.79	45	0.8
C203863		0.08	2.13	28	0.09	15.60	36	5.2
C203864		27.50	6.30	26	0.83	12.70	32	2.5
C203865		0.28	8.49	43	0.20	13.80	35	3.9
C203866		0.17	3.50	43	0.28	6.94	62	1.0
C203867		0.11	15.75	19	0.13	5.97	42	2.8
C203868		0.10	2.59	21	0.83	21.50	39	4.4
C203869		0.08	5.46	22	0.49	16.20	18	2.0
C203870		0.07	2.74	22	0.51	17.25	17	2.1
C203871		0.15	2.32	9	0.07	21.60	1360	3.8
C203872		0.65	17.65	64	10.00	61.70	12	2.1
C203873		0.12	0.82	315	0.34	5.75	41	0.5

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C203874		0.66	0.032	0.19	0.49	248.0	<10	1180	0.63	1.56	0.93	0.15	44.90	82.5	10	1.18
C203875		0.70	0.007	0.04	2.06	12.0	<10	390	0.80	0.61	0.11	0.09	38.80	22.7	23	1.98
C203876		0.62	0.012	0.03	1.82	8.8	<10	170	1.27	1.01	0.91	0.08	52.10	62.8	22	3.27
C203877		0.40	0.112	0.19	1.15	83.3	<10	100	0.76	1.79	0.20	0.21	42.10	26.9	17	1.78
C203878		0.52	0.035	0.21	1.67	40.7	<10	2420	0.82	0.85	0.85	0.12	48.50	252.0	28	2.43
C203879		0.58	0.019	0.26	0.85	56.3	<10	1300	1.38	1.08	0.85	0.21	24.70	62.5	10	1.40
C203880		0.68	0.019	0.20	2.40	12.6	<10	510	1.89	1.40	0.45	0.09	56.00	36.6	23	5.23
C203881		0.72	0.085	0.21	4.29	33.1	<10	660	3.23	0.84	0.36	0.08	97.80	150.0	23	6.71
C203882		0.50	0.006	0.22	1.57	35.4	<10	70	0.66	1.31	0.05	0.13	67.00	7.1	21	1.97
C203883		0.58	0.014	0.12	1.71	29.5	<10	580	1.11	1.18	0.31	0.08	49.70	31.0	18	2.59
C203884		0.54	0.010	0.47	1.64	78.8	<10	190	1.46	2.93	0.20	1.22	177.50	63.3	15	1.58
C203885		0.40	0.026	0.22	0.84	9.9	<10	2120	0.46	2.46	1.19	0.28	26.90	21.3	13	0.79
C203886		0.62	0.007	0.06	1.49	9.5	<10	220	0.95	0.42	0.25	0.11	39.20	14.4	22	3.73
C203887		0.66	0.031	0.30	1.20	24.2	<10	830	0.92	0.97	0.82	0.25	54.00	32.4	17	1.80
C203888		0.54	0.010	0.07	1.21	6.6	<10	740	0.90	0.89	0.59	0.08	35.00	41.3	12	2.10

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 26-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06081731

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C203874		110.0	4.91	1.82	0.11	0.10	0.15	0.084	0.08	23.8	4.3	0.48	6030	7.94	<0.01	0.22
C203875		78.4	4.28	5.97	0.08	<0.02	0.02	0.046	0.15	20.3	26.2	1.60	1215	3.20	<0.01	0.21
C203876		86.7	3.86	8.15	0.15	0.14	0.03	0.071	0.36	29.1	41.0	2.29	1255	7.17	<0.01	1.05
C203877		116.0	5.42	6.52	0.10	<0.02	0.06	0.060	0.17	22.5	11.3	0.56	829	8.52	<0.01	0.28
C203878		671.0	7.05	7.95	0.17	0.20	0.09	0.235	0.23	28.5	25.8	1.51	5930	14.50	<0.01	0.33
C203879		516.0	4.75	2.83	0.09	0.18	0.08	0.176	0.13	15.4	7.3	0.41	5700	8.77	<0.01	0.23
C203880		97.4	5.38	9.51	0.13	0.23	0.06	0.105	0.21	31.4	45.1	2.81	4480	6.65	<0.01	0.32
C203881		1820.0	9.37	17.95	0.35	0.25	0.06	0.223	0.31	45.5	93.6	4.90	4100	26.50	<0.01	0.17
C203882		56.8	4.41	5.95	0.09	0.03	0.08	0.036	0.06	35.6	16.3	0.25	292	4.36	0.01	0.77
C203883		80.6	4.41	5.98	0.12	0.08	0.03	0.082	0.19	27.6	25.3	1.55	1620	2.95	<0.01	0.29
C203884		130.5	6.87	4.17	0.24	0.18	0.06	0.127	0.08	85.3	21.5	0.48	5100	4.87	0.01	1.26
C203885		186.5	2.87	2.74	0.08	0.10	0.52	0.044	0.08	15.5	7.8	0.54	1800	4.59	0.01	0.47
C203886		13.4	3.28	5.16	0.07	0.02	0.04	0.026	0.09	17.9	21.3	0.70	950	1.67	<0.01	0.59
C203887		117.5	3.82	4.48	0.11	0.14	0.44	0.076	0.20	29.8	17.3	1.05	1395	4.97	<0.01	0.60
C203888		14.3	2.92	3.66	0.07	0.07	0.05	0.046	0.24	19.7	18.5	0.81	1300	2.20	<0.01	0.42

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 26-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06081731

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C203874		27.3	1040	7.1	12.9	<0.001	0.04	0.87	10.7	1.5	0.3	9.9	0.01	0.34	12.0	0.020
C203875		24.8	790	4.9	24.1	<0.001	0.04	0.64	2.0	0.4	0.5	5.2	<0.01	0.13	0.9	0.034
C203876		47.9	750	7.5	54.3	<0.001	0.04	0.67	8.6	0.7	1.0	8.0	0.01	0.17	13.7	0.076
C203877		31.0	1250	23.4	21.7	<0.001	0.11	3.06	1.1	1.1	0.6	7.1	<0.01	0.26	0.2	0.018
C203878		49.6	1100	6.3	36.3	<0.001	0.12	1.20	19.1	2.0	0.8	14.8	0.01	0.20	7.0	0.037
C203879		22.5	1550	8.0	21.5	<0.001	0.10	0.84	6.1	1.3	0.4	9.6	0.01	0.24	4.3	0.016
C203880		39.3	1000	6.0	31.5	<0.001	0.04	0.88	10.8	0.9	0.7	5.2	0.01	0.18	10.2	0.037
C203881		55.1	850	59.0	41.8	<0.001	0.03	1.18	28.3	1.6	0.8	6.3	0.02	0.18	22.0	0.064
C203882		16.0	930	54.5	10.4	<0.001	0.12	2.52	2.0	1.2	0.6	10.7	<0.01	0.15	7.6	0.026
C203883		28.1	1170	8.5	31.1	<0.001	0.06	0.84	5.0	0.5	0.5	6.0	0.01	0.11	3.1	0.031
C203884		102.0	1000	34.5	8.2	<0.001	0.14	5.52	4.0	1.5	0.2	16.3	0.02	0.17	21.9	0.012
C203885		21.6	1400	9.6	13.3	<0.001	0.17	0.98	4.6	1.8	0.4	35.9	0.01	0.65	1.7	0.024
C203886		35.6	600	9.9	20.3	<0.001	0.04	0.82	2.7	0.3	0.6	10.8	<0.01	0.09	3.0	0.043
C203887		34.8	740	71.3	32.1	<0.001	0.06	1.32	6.2	1.0	0.6	13.7	0.01	0.19	7.5	0.045
C203888		28.4	800	6.0	45.9	<0.001	0.05	0.66	3.0	0.7	0.4	9.2	0.01	0.10	6.3	0.036

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 26-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06081731

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C203874		0.12	4.61	24	0.61	24.00	29	1.5
C203875		0.11	1.36	50	0.34	5.43	36	<0.5
C203876		0.11	4.83	30	0.85	20.00	32	4.5
C203877		0.66	3.51	39	0.36	5.90	66	<0.5
C203878		0.14	7.82	44	1.00	33.80	28	3.6
C203879		0.09	4.13	18	0.56	28.40	45	3.5
C203880		0.08	3.39	57	0.89	27.10	31	6.4
C203881		0.17	15.70	225	0.80	48.10	68	6.8
C203882		0.17	3.39	42	0.26	4.77	80	0.7
C203883		0.09	2.56	42	0.55	12.85	46	1.4
C203884		0.14	7.63	20	0.28	47.10	215	2.0
C203885		0.11	2.82	24	0.50	12.70	41	1.9
C203886		0.11	1.29	44	0.47	5.60	48	<0.5
C203887		0.17	4.10	30	0.83	15.10	65	3.6
C203888		0.15	4.00	19	0.57	13.70	18	1.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 19-SEP-2006
Account: EIA

CERTIFICATE VA06075584

Project: Werneckes

P.O. No.:

This report is for 240 Soil samples submitted to our lab in Vancouver, BC, Canada on 28-JUL-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	50 element aqua regia ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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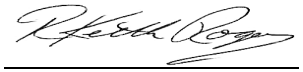
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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CERTIFICATE OF ANALYSIS VA06075584

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
C201221		0.58	<0.005	0.13	0.42	11.0	<10	40	1.07	0.41	4.44	0.41	9.84	13.8	4	1.69
C201222		0.38	<0.005	0.17	0.84	14.3	<10	100	1.05	0.81	7.69	0.44	16.10	9.4	9	0.55
C201223		0.38	<0.005	0.11	1.17	9.0	<10	90	1.01	0.44	6.49	0.38	21.10	9.8	13	0.95
C201224		0.44	<0.005	0.08	1.52	8.9	<10	130	1.39	0.47	4.59	0.72	38.40	12.7	13	1.33
C201225		0.44	<0.005	0.16	0.32	12	<10	80	0.78	1.89	12.45	0.14	6.87	12.0	4	1.35
C201226		0.68	<0.005	0.13	0.18	26	<10	30	0.49	1.53	15.65	0.06	4.08	8.9	3	1.27
C201227		0.40	<0.005	0.03	0.78	8.5	<10	40	0.13	0.53	0.07	0.04	34.40	4.8	12	0.99
C201228		0.46	<0.005	0.09	1.27	8.2	<10	120	1.20	0.90	0.15	0.15	96.00	15.6	11	3.05
C201229		0.58	<0.005	0.05	0.98	10.8	<10	70	0.47	0.74	0.10	0.08	55.00	6.9	10	2.12
C201230		0.44	<0.005	0.07	0.96	7.2	<10	70	0.94	0.67	0.07	0.08	89.40	11.7	9	1.73
C201231		0.62	<0.005	0.04	0.99	8.8	<10	40	0.73	0.94	0.12	0.19	57.20	11.6	12	0.82
C201232		0.52	<0.005	0.08	1.40	8.4	<10	40	0.52	0.60	0.05	0.17	86.00	11.7	9	1.18
C201233		0.52	<0.005	0.04	0.84	6.0	<10	30	0.38	0.63	0.01	0.08	98.70	10.3	6	1.32
C201234		0.50	<0.005	0.04	0.87	6.2	<10	40	0.42	0.66	0.01	0.09	99.50	11.2	7	1.37
C201235		0.44	<0.005	0.10	0.99	6.3	<10	40	0.26	0.79	0.04	0.15	38.40	5.3	7	1.79
C201236		0.56	<0.005	0.07	1.17	7.7	<10	90	0.91	0.98	0.07	0.09	122.00	13.0	18	2.50
C201237		0.52	<0.005	0.05	0.99	12.5	<10	40	0.25	0.77	0.03	0.08	44.30	7.3	12	1.85
C201238		0.68	<0.005	0.02	1.11	11.1	<10	40	0.46	0.61	0.04	0.07	72.00	9.5	14	1.32
C201239		0.46	<0.005	0.04	1.30	11.9	<10	60	0.29	0.51	0.04	0.07	30.20	6.4	18	1.64
C201240		0.66	<0.005	0.05	0.67	10.4	<10	40	0.47	1.09	0.04	0.09	79.20	12.5	25	1.01
C201241		0.44	<0.005	0.06	0.73	7.1	<10	40	0.34	0.77	0.03	0.11	72.80	12.1	30	1.68
C201242		0.44	<0.005	0.05	1.05	11.5	<10	50	0.27	0.74	0.03	0.06	45.00	6.4	14	2.06
C201243		0.52	<0.005	0.07	0.91	7.5	<10	30	0.18	0.67	0.03	0.07	33.50	5.2	10	1.93
C201244		0.56	<0.005	0.09	1.26	8.1	<10	110	0.92	0.84	0.15	0.09	118.00	16.2	34	3.10
C201245		0.64	<0.005	0.04	0.85	9.8	<10	30	0.41	0.65	0.05	0.13	86.20	11.0	10	1.16
C201246		0.52	<0.005	0.08	0.53	6.3	<10	40	0.43	0.88	0.03	0.07	77.50	10.2	4	1.09
C201247		0.52	<0.005	0.07	1.60	10.4	<10	60	0.70	0.85	0.04	0.06	69.60	11.9	19	3.30
C201248		0.66	<0.005	0.07	0.83	23.6	<10	50	0.73	1.67	0.02	0.07	62.10	17.7	8	1.44
C201249		0.44	<0.005	0.03	0.80	12.2	<10	40	0.15	0.63	0.03	0.05	32.80	5.9	13	1.48
C201250		0.06	<0.005	<0.01	0.01	0.1	<10	<10	<0.05	0.01	<0.01	0.03	1.04	0.1	<1	<0.05
C201251		0.48	<0.005	0.05	0.98	6.9	<10	60	0.59	0.86	0.05	0.10	140.00	12.0	9	1.85
C201252		0.62	<0.005	0.10	1.32	8.3	<10	90	0.87	0.89	0.05	0.13	146.00	15.0	13	2.38
C201253		0.68	<0.005	0.04	1.02	8.1	<10	50	0.28	0.60	0.02	0.11	58.40	8.3	9	1.86
C201254		0.32	0.027	0.14	2.10	5.0	<10	100	0.77	0.27	1.38	0.20	20.10	16.8	28	1.49
C201255		0.48	<0.005	0.17	2.12	5.5	<10	130	0.83	0.26	1.24	0.21	25.30	19.0	28	1.54
C201256		0.50	<0.005	0.22	2.35	28.8	<10	160	1.17	0.43	0.46	0.39	35.90	36.5	31	3.72
C201257		0.50	0.031	0.08	2.59	7.1	<10	300	1.19	0.42	0.24	0.27	34.40	22.2	38	3.12
C201258		0.52	0.009	0.09	2.71	6.7	<10	310	1.24	0.33	0.33	0.22	31.40	22.9	40	2.89
C201259		0.38	<0.005	0.14	1.74	6.2	<10	130	0.72	0.30	0.83	0.18	19.95	21.1	24	1.63
C201260		0.60	0.012	0.10	2.11	5.9	<10	100	0.67	0.26	0.42	0.16	32.20	19.5	30	1.45

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06075584

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C201221		32.0	4.52	1.37	0.06	0.05	0.07	0.043	0.11	5.0	1.9	2.58	489	0.74	0.01	0.28
C201222		22.1	3.26	2.12	0.05	0.05	0.13	0.051	0.04	8.0	4.1	4.40	4070	0.74	0.02	0.32
C201223		18.1	3.12	3.13	0.06	0.05	0.07	0.042	0.05	12.1	7.4	3.92	3250	0.76	0.02	0.54
C201224		15.5	3.03	3.58	0.07	0.04	0.08	0.043	0.05	16.0	8.3	2.77	3530	0.96	0.01	0.67
C201225		23.8	2.84	0.73	<0.05	0.05	0.15	0.031	0.05	3.3	1.7	7.62	1820	1.45	0.02	0.19
C201226		15.7	2.20	0.40	<0.05	0.03	0.14	0.015	0.04	1.9	1.2	10.25	1070	1.23	0.03	0.15
C201227		15.6	1.78	9.64	<0.05	<0.02	0.03	0.017	0.04	20.0	1.7	0.07	183	2.47	<0.01	1.92
C201228		30.3	2.46	4.00	0.11	0.06	0.03	0.030	0.10	57.6	14.5	0.20	913	1.31	0.01	2.21
C201229		18.1	2.82	5.61	0.07	0.02	0.04	0.028	0.06	28.5	8.6	0.11	357	1.59	<0.01	2.09
C201230		25.9	2.33	3.33	0.11	0.05	0.02	0.022	0.07	52.4	11.6	0.18	538	0.96	<0.01	2.13
C201231		25.8	2.25	2.84	0.08	0.05	0.04	0.021	0.04	28.3	10.4	0.23	497	0.86	<0.01	1.77
C201232		22.1	2.60	3.05	0.09	0.05	0.07	0.024	0.06	36.7	11.2	0.16	559	1.23	0.01	2.58
C201233		18.6	2.29	2.88	0.09	0.04	0.01	0.019	0.06	41.7	9.4	0.15	502	1.04	<0.01	2.14
C201234		19.6	2.33	2.97	0.09	0.04	0.02	0.021	0.06	41.1	9.8	0.15	542	1.04	0.01	2.24
C201235		16.3	2.60	4.09	0.06	0.02	0.11	0.022	0.05	19.5	4.1	0.08	307	1.13	0.01	1.85
C201236		36.3	2.41	3.79	0.14	0.05	0.03	0.031	0.07	64.3	10.7	0.27	260	0.96	0.01	1.73
C201237		23.2	2.99	5.58	0.06	0.02	0.04	0.024	0.04	19.9	5.4	0.14	323	1.76	0.01	2.32
C201238		20.5	2.72	3.44	0.07	0.04	0.04	0.024	0.05	29.4	10.3	0.23	441	1.20	0.01	2.32
C201239		15.4	3.53	7.45	0.07	0.02	0.03	0.030	0.04	13.6	9.4	0.21	399	1.92	0.01	1.84
C201240		23.3	2.65	2.42	0.09	0.04	0.03	0.024	0.05	33.9	6.4	0.22	856	1.03	0.01	4.22
C201241		22.5	2.82	3.36	0.07	0.02	0.03	0.028	0.06	27.5	5.5	0.23	682	1.33	0.01	1.57
C201242		19.6	2.81	5.75	0.08	<0.02	0.05	0.029	0.06	19.2	5.1	0.12	323	1.92	0.01	1.44
C201243		16.2	2.22	4.45	<0.05	<0.02	0.07	0.022	0.05	16.0	3.7	0.09	271	1.52	0.01	1.23
C201244		28.7	2.32	4.31	0.12	0.04	0.03	0.027	0.08	58.5	14.6	0.38	826	1.04	0.01	2.29
C201245		20.6	2.52	2.96	0.09	0.03	0.03	0.024	0.04	33.6	9.7	0.17	567	1.41	0.01	2.65
C201246		20.1	2.91	2.01	0.09	0.03	0.05	0.034	0.07	35.6	3.5	0.10	1065	0.92	0.01	2.14
C201247		29.5	3.17	5.32	0.09	0.03	0.03	0.035	0.08	34.1	14.9	0.45	318	1.80	0.01	1.52
C201248		46.0	4.03	2.65	0.09	0.03	0.02	0.056	0.06	25.6	7.4	0.16	1945	2.41	0.01	0.96
C201249		14.4	2.68	7.53	0.06	<0.02	0.05	0.023	0.06	15.9	2.0	0.06	421	2.11	0.01	1.58
C201250		0.8	0.03	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	<0.1	<0.01	5	<0.05	<0.01	<0.05
C201251		20.2	2.52	3.98	0.13	0.04	0.02	0.019	0.10	56.4	8.4	0.14	625	1.42	0.01	1.75
C201252		32.8	2.93	3.80	0.14	0.05	0.03	0.027	0.11	70.1	11.8	0.23	809	1.13	0.01	1.42
C201253		16.4	2.59	2.87	0.06	0.02	0.05	0.027	0.07	24.6	5.0	0.12	725	1.03	0.01	0.84
C201254		71.5	3.86	5.52	0.09	0.08	0.06	0.032	0.09	10.7	30.0	1.08	664	0.49	0.02	0.22
C201255		84.6	4.04	5.50	0.09	0.08	0.06	0.039	0.09	13.2	28.8	1.06	827	0.50	0.02	0.25
C201256		115.5	4.86	6.22	0.10	0.09	0.07	0.052	0.10	16.7	33.3	1.16	1760	0.82	0.01	0.23
C201257		167.0	4.71	7.58	0.11	0.08	0.11	0.054	0.09	14.9	34.1	1.23	1670	1.05	0.01	0.38
C201258		188.5	4.70	7.41	0.10	0.09	0.05	0.036	0.09	14.4	35.8	1.48	1560	0.82	0.01	0.31
C201259		58.6	3.25	4.95	0.07	0.05	0.13	0.029	0.09	10.0	22.6	0.69	740	0.68	0.02	0.21
C201260		77.9	4.26	5.84	0.10	0.08	0.05	0.025	0.08	15.7	32.2	1.18	797	0.46	0.01	0.17

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 19-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06075584

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C201221		18.3	240	70.9	7.5	<0.001	0.23	0.57	5.3	0.4	0.4	12.9	<0.01	0.02	2.5	<0.005
C201222		12.7	1220	20.9	5.6	<0.001	0.18	1.19	1.8	1.1	0.2	18.2	0.01	0.04	0.6	0.010
C201223		15.5	970	16.1	11.3	<0.001	0.16	0.51	2.2	1.0	0.3	15.0	0.01	0.04	1.0	0.015
C201224		15.0	810	22.9	14.1	<0.001	0.09	0.42	1.9	0.7	0.3	9.9	0.01	0.04	1.4	0.014
C201225		14.5	860	15.8	3.9	<0.001	0.09	2.56	3.2	0.5	<0.2	29.0	<0.01	0.02	1.0	<0.005
C201226		11.4	480	11.1	2.8	<0.001	0.06	1.53	3.4	0.2	<0.2	34.3	<0.01	0.01	1.1	<0.005
C201227		9.3	290	8.6	5.8	<0.001	0.01	0.86	1.9	0.3	1.4	5.6	<0.01	0.04	2.4	0.032
C201228		11.8	390	28.9	24.2	<0.001	0.03	0.37	1.9	0.7	0.3	7.9	0.01	0.03	11.4	0.006
C201229		9.6	310	16.2	18.1	<0.001	0.02	0.58	1.7	0.4	0.5	6.8	0.01	0.04	8.1	0.016
C201230		11.5	350	26.7	15.7	<0.001	0.02	0.41	1.8	0.5	0.2	6.0	0.01	0.03	12.1	0.011
C201231		18.9	580	19.7	6.3	<0.001	0.02	0.61	2.0	0.6	0.2	8.1	0.01	0.03	10.6	0.027
C201232		11.8	500	24.9	9.0	<0.001	0.03	0.64	1.6	0.8	0.2	4.2	0.03	0.04	15.7	0.010
C201233		9.7	210	13.0	9.6	<0.001	0.02	0.58	1.3	0.4	<0.2	2.7	0.02	0.03	14.8	0.007
C201234		10.1	220	13.5	10.0	<0.001	0.01	0.60	1.3	0.4	<0.2	2.8	0.02	0.03	15.1	0.007
C201235		6.8	820	10.2	13.1	<0.001	0.11	0.60	0.8	0.9	0.3	3.4	0.01	0.06	1.7	0.007
C201236		21.8	340	20.4	14.2	<0.001	0.02	0.57	2.4	0.6	0.2	8.4	0.01	0.03	13.6	0.011
C201237		10.2	330	24.9	9.2	<0.001	0.03	0.74	1.4	0.6	0.5	4.8	0.01	0.05	3.7	0.028
C201238		15.5	310	17.4	9.2	<0.001	0.01	0.88	1.9	0.4	0.2	5.4	0.01	0.03	11.5	0.024
C201239		12.3	340	21.3	8.1	0.002	0.03	0.78	1.7	0.6	0.8	5.4	0.01	0.07	2.6	0.042
C201240		19.6	320	21.3	6.7	<0.001	0.02	1.42	1.5	0.4	0.2	4.3	0.03	0.02	16.9	0.049
C201241		29.4	530	15.1	11.6	<0.001	0.06	1.06	1.4	0.5	0.2	4.3	0.01	0.03	2.9	0.031
C201242		12.4	470	15.8	15.7	0.001	0.06	0.81	1.2	0.5	0.6	5.0	0.01	0.07	1.6	0.026
C201243		8.1	600	12.1	14.5	<0.001	0.08	0.72	0.8	0.6	0.4	3.7	0.01	0.05	0.7	0.012
C201244		32.2	480	33.2	21.0	0.001	0.03	0.45	1.7	0.7	0.3	11.3	0.01	0.03	4.9	0.022
C201245		11.8	280	27.4	7.2	0.001	0.02	0.88	1.1	0.5	0.2	4.1	0.02	0.03	7.8	0.012
C201246		8.9	370	16.2	9.2	<0.001	0.04	1.24	1.2	0.4	<0.2	3.2	0.03	0.04	12.6	<0.005
C201247		17.3	480	24.6	16.6	<0.001	0.04	0.81	2.2	0.8	0.5	7.3	0.01	0.05	5.4	0.024
C201248		16.6	500	15.4	10.5	0.001	0.03	1.85	2.0	0.5	0.2	3.8	0.01	0.06	10.2	0.011
C201249		9.7	470	16.2	9.9	<0.001	0.05	0.85	1.2	0.5	0.9	4.8	<0.01	0.06	1.5	0.037
C201250		0.3	10	1.0	0.1	<0.001	0.01	0.18	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.2	<0.005
C201251		10.7	360	43.2	17.0	<0.001	0.03	0.70	1.0	0.4	0.3	4.8	0.01	0.06	6.5	0.009
C201252		15.1	470	50.4	17.3	<0.001	0.02	0.60	1.9	0.6	0.3	7.0	0.01	0.04	12.0	0.009
C201253		9.5	640	9.9	12.6	<0.001	0.06	0.63	1.0	0.6	0.3	4.0	<0.01	0.04	1.9	0.009
C201254		28.6	840	16.8	7.7	<0.001	0.10	0.45	5.3	0.7	0.2	42.9	<0.01	0.04	1.8	0.007
C201255		30.7	860	19.5	9.1	<0.001	0.09	0.51	5.3	0.5	0.2	40.2	<0.01	0.04	1.9	0.008
C201256		33.8	1080	40.1	10.7	<0.001	0.07	0.92	6.1	0.5	0.3	19.8	<0.01	0.07	2.7	0.008
C201257		33.4	980	32.8	12.4	<0.001	0.07	0.51	5.9	0.2	0.4	10.8	<0.01	0.08	2.1	0.012
C201258		36.3	560	27.5	10.0	<0.001	0.04	0.42	7.6	<0.2	0.4	13.9	<0.01	0.06	3.4	0.009
C201259		20.1	990	34.1	9.6	<0.001	0.09	0.45	4.0	0.4	0.2	25.0	<0.01	0.05	2.0	0.006
C201260		32.6	590	17.9	6.6	<0.001	0.04	0.37	5.2	0.4	0.2	12.2	<0.01	0.04	3.0	0.008

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 19-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06075584

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C201221		0.11	0.76	9	0.08	9.31	164	1.5
C201222		0.11	1.87	29	0.09	15.65	109	1.2
C201223		0.11	1.68	35	0.13	15.30	101	1.2
C201224		0.16	2.12	39	0.13	14.45	92	0.8
C201225		0.12	2.01	16	0.13	8.22	77	1.5
C201226		0.10	1.53	11	0.09	4.81	35	1.0
C201227		0.17	0.74	85	0.27	2.31	44	<0.5
C201228		0.13	5.21	15	0.36	19.95	70	0.8
C201229		0.13	1.82	31	0.28	5.12	38	<0.5
C201230		0.08	4.51	14	0.34	16.85	60	0.7
C201231		0.06	3.10	21	0.31	8.49	81	1.1
C201232		0.09	3.44	13	0.38	9.76	54	0.8
C201233		0.08	3.13	9	0.32	9.22	52	0.5
C201234		0.08	3.12	9	0.32	9.20	53	0.6
C201235		0.14	1.79	17	0.25	4.51	36	<0.5
C201236		0.12	4.75	19	0.28	18.90	62	0.5
C201237		0.11	1.38	41	0.33	6.14	42	<0.5
C201238		0.09	2.36	22	0.29	8.13	49	0.6
C201239		0.17	0.86	63	0.28	2.52	62	<0.5
C201240		0.05	3.57	15	0.43	13.35	40	0.6
C201241		0.08	2.93	24	0.32	7.53	57	<0.5
C201242		0.15	1.39	42	0.27	4.00	50	<0.5
C201243		0.13	1.39	26	0.23	3.80	34	<0.5
C201244		0.12	4.39	18	0.34	24.70	50	<0.5
C201245		0.09	3.87	13	0.40	11.90	41	<0.5
C201246		0.06	3.77	5	0.34	9.23	42	<0.5
C201247		0.15	3.89	34	0.26	11.65	65	<0.5
C201248		0.09	3.80	20	0.28	7.18	41	<0.5
C201249		0.16	1.04	65	0.31	2.79	47	<0.5
C201250		<0.02	0.12	<1	<0.05	0.60	5	0.6
C201251		0.14	3.06	17	0.42	11.20	66	<0.5
C201252		0.13	4.07	19	0.32	21.30	79	<0.5
C201253		0.11	1.80	20	0.17	4.36	39	<0.5
C201254		0.07	0.49	38	<0.05	10.75	88	1.5
C201255		0.08	0.54	38	<0.05	14.40	89	1.5
C201256		0.12	0.61	47	0.06	15.95	94	1.4
C201257		0.12	0.57	63	0.10	12.65	89	1.1
C201258		0.12	0.53	58	0.09	11.45	85	1.6
C201259		0.09	0.47	36	0.05	8.39	51	0.9
C201260		0.06	0.48	40	<0.05	10.85	84	1.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C201261		0.42	0.016	0.09	2.23	12.6	<10	70	0.91	0.49	0.15	0.29	32.40	38.5	33	3.59
C201262		0.42	0.016	0.11	2.26	9.3	<10	140	0.85	0.42	0.23	0.26	32.40	26.2	30	2.24
C201263		0.46	0.013	0.17	2.23	4.6	<10	130	0.72	0.30	1.32	0.19	20.40	17.8	32	1.81
C201264		0.60	0.005	0.13	2.50	6.7	<10	150	0.94	0.44	0.80	0.33	29.40	36.5	36	2.76
C201265		0.38	0.010	0.12	2.31	3.9	<10	200	0.81	0.34	1.31	0.34	22.80	20.7	32	2.13
C201266		0.50	0.006	0.11	2.37	4.0	<10	160	0.83	0.37	0.96	0.26	24.90	24.5	33	2.08
C201267		0.48	0.006	0.09	2.20	4.0	<10	120	0.68	0.32	0.78	0.20	25.70	22.3	31	1.58
C201268		0.48	0.006	0.13	1.82	3.2	<10	100	0.66	0.29	0.88	0.22	23.50	17.9	26	1.36
C201269		0.42	0.008	0.14	1.90	4.0	<10	100	0.68	0.29	1.16	0.23	20.60	16.7	26	1.66
C201270		0.48	0.005	0.14	1.91	4.7	<10	100	0.80	0.31	1.21	0.24	22.00	18.3	26	1.81
C201271		0.46	0.005	0.14	1.92	6.6	<10	110	0.78	0.30	1.23	0.18	20.50	17.8	27	1.86
C201272		0.42	0.006	0.15	2.00	7.3	<10	110	0.84	0.31	1.05	0.18	22.20	17.9	28	1.91
C201273		0.52	<0.005	0.16	2.08	6.2	<10	120	0.81	0.32	0.83	0.20	25.20	19.0	30	1.82
C201274		0.62	<0.005	0.10	1.71	5.1	<10	70	0.68	0.26	0.67	0.17	25.30	16.8	25	1.57
C201275		0.38	<0.005	0.52	0.97	47.8	10	240	2.05	2.07	1.94	0.86	60.00	34.2	11	0.55
C201276		0.46	0.018	0.17	2.49	9.6	<10	130	1.00	0.40	0.70	0.40	30.80	32.1	39	3.05
C201277		0.44	0.010	0.10	1.52	8.3	<10	140	1.04	0.27	0.81	0.27	30.50	16.4	23	0.95
C201278		0.58	0.006	0.12	1.58	8.3	10	70	1.02	0.27	6.11	0.19	37.30	10.7	17	1.61
C201279		0.56	0.005	0.11	1.50	7.1	10	70	0.93	0.23	5.86	0.16	43.90	9.5	16	1.57
C201280		0.50	0.007	0.06	2.96	3.1	<10	190	0.80	0.23	0.49	0.31	27.00	44.5	50	3.69
C201281		0.44	0.012	0.12	3.42	5.7	<10	300	1.12	0.28	0.43	0.45	34.20	37.0	55	3.58
C201282		0.44	0.015	0.12	2.70	5.6	<10	230	1.06	0.29	0.79	0.37	28.40	31.0	44	3.59
C201283		0.46	0.013	0.10	3.69	3.7	<10	260	0.93	0.24	0.42	0.33	30.00	42.9	64	4.00
C201284		0.50	0.014	0.11	3.37	3.4	<10	280	1.07	0.23	1.06	0.38	27.70	71.8	57	5.44
C201285		0.40	0.013	0.09	1.80	15.7	<10	70	0.75	0.27	0.91	0.37	25.40	22.9	31	2.45
C201286		0.52	0.016	0.23	3.29	6.2	<10	320	0.90	0.27	0.72	0.49	39.50	40.4	55	5.66
C201287		0.56	<0.005	0.10	1.19	12.1	<10	170	0.60	1.18	0.09	0.21	26.20	13.4	15	1.08
C201288		0.46	0.005	0.11	0.89	37.3	<10	210	0.79	2.83	0.66	0.33	28.10	29.7	11	1.00
C201289		0.44	0.009	0.23	0.44	57.8	<10	560	0.60	4.48	1.29	0.15	43.60	34.2	6	0.54
C201290		0.42	0.005	0.11	0.81	38.3	<10	70	0.62	1.72	0.08	0.16	20.40	18.7	12	2.70
C201291		0.44	<0.005	0.07	0.84	35.9	<10	60	0.51	1.61	0.06	0.16	17.80	16.3	13	2.33
C201292		0.54	0.029	0.15	1.09	11.0	<10	1080	0.90	0.58	0.67	0.33	36.20	38.1	17	1.22
C201293		0.74	0.024	0.35	0.37	101.0	<10	370	0.91	7.25	0.52	0.22	41.80	75.7	6	1.30
C201294		0.50	0.006	0.04	0.71	6.4	<10	710	3.05	0.32	1.06	0.17	104.50	23.1	6	0.92
C201295		0.56	0.010	0.19	0.90	129.0	<10	110	2.48	5.06	0.11	0.23	25.70	110.0	7	2.53
C201296		0.50	0.012	0.05	0.72	14.3	<10	140	0.74	1.06	0.77	0.19	69.60	25.7	9	0.99
C201297		0.58	<0.005	0.04	0.55	4.8	<10	20	0.35	0.79	0.05	0.04	60.60	10.0	6	0.78
C201298		0.88	0.014	0.08	0.76	11.9	<10	50	0.83	1.08	0.03	0.24	114.50	20.7	8	1.93
C201299		0.68	<0.005	0.07	1.33	10.9	<10	60	0.82	0.58	0.04	0.14	38.40	23.3	17	3.23
C201300		0.74	0.011	0.12	1.44	123.0	<10	50	3.22	3.97	0.04	0.12	21.40	120.5	10	4.30

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 19-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06075584

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C201261		80.8	5.34	7.64	0.08	0.04	0.05	0.037	0.11	16.4	39.5	0.91	1255	0.75	0.01	0.27
C201262		61.1	4.24	7.35	0.08	0.06	0.06	0.039	0.13	17.3	33.1	0.81	1070	1.18	0.01	0.40
C201263		87.6	3.67	6.71	0.07	0.09	0.09	0.034	0.10	12.7	31.8	1.16	540	0.67	0.02	0.35
C201264		86.7	4.30	7.66	0.07	0.08	0.08	0.042	0.09	15.8	41.7	1.18	1420	0.64	0.01	0.33
C201265		84.8	3.69	6.76	0.06	0.09	0.06	0.037	0.10	12.9	36.0	1.19	866	0.55	0.02	0.33
C201266		70.2	4.05	7.10	0.06	0.08	0.05	0.033	0.09	13.6	39.5	1.24	1040	0.48	0.01	0.31
C201267		58.3	4.02	6.65	0.06	0.06	0.05	0.031	0.07	14.2	38.3	1.22	660	0.42	0.01	0.30
C201268		65.4	3.26	4.92	0.10	0.08	0.06	0.028	0.07	13.0	30.3	1.03	859	0.29	0.01	0.32
C201269		77.1	3.33	5.08	0.09	0.06	0.05	0.030	0.08	11.8	31.1	1.03	687	0.36	0.01	0.34
C201270		82.7	3.31	5.66	0.10	0.07	0.06	0.032	0.08	12.6	34.2	1.02	645	0.41	0.01	0.38
C201271		77.9	3.40	5.59	0.09	0.08	0.06	0.033	0.08	11.7	33.7	1.02	527	0.52	0.01	0.40
C201272		77.7	3.73	5.79	0.10	0.08	0.07	0.036	0.08	13.4	35.1	1.07	581	0.57	0.01	0.39
C201273		67.1	3.84	6.04	0.10	0.09	0.07	0.040	0.09	15.1	36.8	1.09	621	0.53	0.01	0.41
C201274		61.2	3.50	5.19	0.11	0.07	0.05	0.031	0.07	14.1	33.2	1.04	451	0.47	0.01	0.32
C201275		120.5	7.78	2.77	0.15	0.12	0.29	0.075	0.14	28.8	14.7	0.99	11800	2.53	0.02	0.28
C201276		111.5	5.46	7.81	0.13	0.10	0.07	0.066	0.08	17.9	32.9	1.56	1485	1.32	0.01	0.39
C201277		54.0	4.23	4.28	0.11	0.11	0.05	0.049	0.09	17.4	20.6	1.23	1535	0.51	0.01	0.32
C201278		21.9	2.34	4.33	0.11	0.10	0.06	0.033	0.29	21.9	54.3	4.93	1105	0.71	0.02	0.43
C201279		22.3	2.57	3.79	0.10	0.08	0.07	0.040	0.26	22.1	46.7	4.81	1315	0.44	0.02	0.15
C201280		88.8	5.30	9.42	0.10	0.04	0.05	0.075	0.08	9.1	35.3	2.10	1525	0.75	0.01	0.27
C201281		192.5	6.93	8.32	0.12	0.09	0.05	0.067	0.11	19.8	31.9	2.62	2640	0.70	0.01	0.23
C201282		142.0	5.18	8.98	0.12	0.07	0.09	0.059	0.09	17.4	35.0	2.15	1245	0.84	0.01	0.29
C201283		158.5	6.55	10.35	0.12	0.07	0.06	0.053	0.08	16.9	41.8	3.03	1780	0.56	0.01	0.27
C201284		214.0	5.72	10.55	0.12	0.07	0.09	0.054	0.07	15.0	44.0	2.81	2190	0.92	0.01	0.22
C201285		80.0	4.59	5.90	0.11	0.07	0.15	0.040	0.08	13.4	27.1	1.43	663	1.20	0.01	0.20
C201286		206.0	7.01	9.85	0.14	0.09	0.10	0.072	0.09	20.5	34.9	2.37	2130	1.11	0.02	0.14
C201287		32.2	3.45	4.65	0.08	0.02	0.04	0.054	0.08	14.4	15.9	0.24	1050	1.81	0.01	0.71
C201288		95.7	3.79	3.41	0.09	0.05	0.03	0.084	0.06	16.5	7.6	0.26	1605	2.67	0.01	0.44
C201289		260.0	3.27	1.32	0.10	0.08	0.13	0.066	0.05	22.7	2.7	0.19	3570	3.90	0.02	0.20
C201290		107.5	3.96	4.85	0.08	<0.02	0.06	0.092	0.06	10.7	4.4	0.13	625	3.56	0.01	0.62
C201291		103.5	4.10	4.63	0.08	<0.02	0.04	0.077	0.05	9.3	3.4	0.11	516	3.17	0.01	0.64
C201292		210.0	5.69	2.80	0.11	0.11	0.10	0.132	0.07	17.5	8.2	0.39	5140	8.58	0.01	0.28
C201293		640.0	5.42	1.24	0.11	0.07	0.06	0.079	0.06	22.3	2.3	0.17	5400	11.20	0.01	0.21
C201294		58.3	6.19	2.22	0.16	0.19	0.06	0.130	0.08	51.7	5.3	0.22	9850	4.37	0.01	0.22
C201295		586.0	8.79	2.14	0.12	0.08	0.08	0.111	0.05	13.5	4.8	0.23	6880	22.10	0.01	0.20
C201296		198.5	4.35	2.23	0.12	0.07	0.08	0.060	0.05	36.6	5.1	0.21	6710	18.45	0.01	0.25
C201297		21.3	2.19	1.54	0.09	<0.02	0.01	0.011	0.10	29.3	7.3	0.12	456	0.72	0.01	0.80
C201298		40.1	2.50	2.65	0.14	0.12	0.02	0.021	0.10	54.6	11.5	0.15	513	1.46	0.01	1.29
C201299		51.7	3.10	4.19	0.09	0.03	0.04	0.042	0.08	19.7	21.9	0.45	920	1.42	0.01	0.55
C201300		352.0	6.40	3.75	0.12	0.22	0.04	0.237	0.06	10.0	26.6	0.43	3960	7.45	0.01	0.15

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CERTIFICATE OF ANALYSIS VA06075584

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C201261		34.6	490	41.8	10.6	<0.001	0.04	0.56	3.9	0.4	0.2	8.8	<0.01	0.05	5.4	0.006
C201262		30.3	500	25.2	13.7	<0.001	0.04	0.54	5.1	0.6	0.4	12.5	<0.01	0.05	5.0	0.006
C201263		33.1	1070	13.4	10.7	<0.001	0.10	0.58	6.3	1.0	0.2	30.9	<0.01	0.04	1.9	0.008
C201264		37.8	920	29.4	10.8	<0.001	0.07	0.46	7.7	0.9	0.3	25.3	<0.01	0.04	2.9	0.007
C201265		33.6	840	18.1	10.3	<0.001	0.09	0.50	6.5	0.8	0.3	33.6	<0.01	0.03	2.2	0.008
C201266		34.8	780	22.0	10.5	<0.001	0.07	0.41	6.6	0.7	0.2	28.4	<0.01	0.03	2.7	0.008
C201267		32.5	460	19.3	8.0	<0.001	0.05	0.35	5.7	0.6	0.2	24.4	<0.01	0.03	2.9	0.008
C201268		28.1	640	21.3	6.5	<0.001	0.06	0.41	5.5	0.6	0.2	23.1	<0.01	0.03	2.5	0.007
C201269		27.7	640	18.4	7.5	<0.001	0.06	0.39	5.2	0.7	0.2	29.6	<0.01	0.03	2.0	0.007
C201270		30.2	670	19.9	8.3	<0.001	0.07	0.42	6.0	0.9	0.2	33.3	<0.01	0.03	2.2	0.007
C201271		29.1	680	19.5	8.7	<0.001	0.08	0.48	5.8	0.8	0.2	36.0	<0.01	0.03	2.1	0.007
C201272		30.9	710	20.1	9.2	<0.001	0.07	0.50	6.6	0.8	0.2	32.3	<0.01	0.03	2.3	0.007
C201273		31.7	660	21.3	9.6	<0.001	0.06	0.43	7.2	0.7	0.2	25.0	<0.01	0.03	2.9	0.008
C201274		30.2	630	15.9	6.3	<0.001	0.04	0.46	5.7	0.5	0.2	21.8	<0.01	0.03	2.9	0.008
C201275		39.4	980	94.6	8.1	<0.001	0.11	4.12	8.7	1.3	0.3	20.4	0.01	0.08	2.2	0.007
C201276		39.6	1350	30.4	10.3	<0.001	0.11	0.86	11.2	1.9	0.3	16.5	0.01	0.10	1.6	0.011
C201277		27.1	830	25.8	7.2	<0.001	0.08	0.66	6.6	0.7	0.2	8.4	<0.01	0.04	2.0	0.009
C201278		22.0	550	24.3	20.8	<0.001	0.05	0.84	5.0	0.5	0.4	11.6	<0.01	0.04	3.4	0.015
C201279		18.6	630	30.9	17.2	<0.001	0.07	0.65	4.4	0.4	0.3	14.1	0.01	0.03	1.8	0.008
C201280		36.8	1180	18.0	11.0	<0.001	0.10	0.41	10.1	0.6	0.3	11.0	<0.01	0.04	1.0	0.007
C201281		42.4	1040	26.5	8.3	<0.001	0.07	0.35	17.0	1.0	0.2	9.1	0.01	0.06	1.8	0.009
C201282		43.1	1020	23.2	8.7	<0.001	0.10	0.45	13.9	1.5	0.2	17.2	0.01	0.06	1.4	0.008
C201283		50.0	870	18.7	7.5	<0.001	0.05	0.31	15.5	0.8	0.2	11.4	0.01	0.04	1.8	0.011
C201284		51.5	920	20.9	7.1	<0.001	0.11	0.44	13.4	1.7	0.2	21.4	0.01	0.05	1.0	0.007
C201285		37.3	580	23.1	6.3	<0.001	0.13	1.13	8.1	1.1	0.2	14.1	<0.01	0.07	1.9	<0.005
C201286		51.3	1080	28.9	8.8	<0.001	0.09	0.49	15.1	1.1	0.2	17.6	0.01	0.09	1.3	0.008
C201287		15.2	340	21.0	11.6	<0.001	0.02	0.66	2.9	0.4	0.6	5.2	<0.01	0.04	4.8	0.009
C201288		24.1	570	20.1	10.1	<0.001	0.05	0.91	3.2	0.7	0.3	9.9	<0.01	0.09	8.0	0.008
C201289		30.7	1080	15.0	6.3	<0.001	0.15	0.97	2.7	1.1	<0.2	18.6	0.01	0.12	4.1	0.005
C201290		24.1	720	21.2	9.6	<0.001	0.07	1.62	2.2	0.8	0.5	8.5	<0.01	0.11	2.0	0.021
C201291		22.2	650	17.3	7.6	<0.001	0.06	1.51	2.0	0.6	0.5	6.5	<0.01	0.09	2.6	0.023
C201292		37.6	910	25.7	6.7	<0.001	0.07	0.50	5.9	1.2	0.3	15.6	0.01	0.08	4.1	0.013
C201293		57.1	1070	31.9	5.9	<0.001	0.14	1.66	6.3	0.9	0.2	14.8	0.01	0.14	11.2	0.006
C201294		38.6	2100	10.0	9.1	<0.001	0.11	1.40	5.8	0.9	0.2	18.4	0.01	0.18	11.3	0.006
C201295		90.3	1510	18.9	7.7	<0.001	0.10	2.14	6.0	1.2	<0.2	5.3	0.01	0.14	10.0	0.005
C201296		22.8	1250	9.0	8.2	<0.001	0.10	1.07	3.0	1.1	0.2	15.6	0.01	0.07	4.8	0.008
C201297		10.4	180	7.6	7.1	<0.001	0.01	0.72	1.0	<0.2	<0.2	2.7	0.02	0.02	17.7	<0.005
C201298		16.2	310	19.9	11.6	<0.001	0.01	1.14	2.0	0.4	<0.2	4.6	0.02	0.03	46.4	0.009
C201299		16.9	570	32.0	13.3	<0.001	0.06	1.12	1.8	0.6	0.3	4.5	<0.01	0.04	4.2	0.011
C201300		79.8	600	9.2	8.2	<0.001	0.05	2.75	6.8	1.0	0.2	7.2	<0.01	0.22	32.6	0.006

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C201261		0.09	0.36	44	0.07	4.44	89	1.2
C201262		0.14	0.64	50	0.07	11.75	80	1.1
C201263		0.09	0.87	42	0.06	15.65	87	2.1
C201264		0.11	0.80	50	0.06	14.70	93	1.7
C201265		0.10	0.64	42	0.06	13.75	95	1.9
C201266		0.09	0.61	43	0.05	11.95	94	1.7
C201267		0.07	0.47	42	0.06	10.35	86	1.4
C201268		0.05	0.55	33	<0.05	12.25	80	1.8
C201269		0.06	0.68	35	<0.05	11.85	82	1.4
C201270		0.07	0.76	35	<0.05	12.90	81	1.5
C201271		0.07	1.24	37	0.05	11.95	89	1.6
C201272		0.07	0.92	38	0.06	14.95	88	1.6
C201273		0.08	0.90	41	0.06	16.45	91	1.7
C201274		0.05	0.49	34	0.05	11.00	82	1.5
C201275		0.53	0.68	41	0.09	39.10	281	2.7
C201276		0.16	0.75	73	0.07	27.50	109	1.5
C201277		0.08	0.44	40	0.06	18.40	92	2.5
C201278		0.23	0.64	28	0.06	23.10	72	2.5
C201279		0.16	0.47	23	0.05	22.40	62	1.7
C201280		0.14	0.19	105	<0.05	8.99	91	0.6
C201281		0.11	0.30	95	0.05	31.20	112	0.9
C201282		0.11	0.40	75	0.05	26.80	90	0.9
C201283		0.10	0.30	105	0.05	23.80	106	0.8
C201284		0.12	0.31	94	<0.05	27.50	89	0.7
C201285		0.24	0.28	54	<0.05	13.85	80	1.3
C201286		0.15	0.34	98	0.05	31.30	110	0.9
C201287		0.10	0.71	32	0.16	2.94	46	<0.5
C201288		0.08	2.66	24	0.09	7.03	59	1.3
C201289		0.05	4.77	10	0.09	17.95	40	1.3
C201290		0.16	2.07	38	0.13	4.93	56	<0.5
C201291		0.12	1.78	43	0.13	4.10	57	0.5
C201292		0.08	2.00	36	0.18	21.60	181	2.1
C201293		0.21	7.33	21	0.13	17.70	56	1.4
C201294		0.12	8.74	11	0.17	31.90	41	4.2
C201295		0.17	9.78	22	0.08	13.70	78	2.1
C201296		0.14	5.24	19	0.08	21.80	38	0.9
C201297		0.04	3.05	4	0.07	4.03	18	<0.5
C201298		0.08	6.00	10	0.23	14.25	109	4.0
C201299		0.14	1.92	21	0.11	5.42	72	0.8
C201300		0.16	10.30	13	0.09	18.50	31	12.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 19-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06075584

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C201826	0.50	<0.005	0.20	0.51	14.0	<10	50	1.11	0.33	7.63	0.14	8.46	13.6	5	1.16
C201827	0.44	<0.005	0.16	0.29	5	<10	50	0.63	0.23	11.30	0.18	7.59	9.0	4	0.88
C201828	0.40	<0.005	0.05	0.20	4	<10	20	0.21	0.08	17.75	0.10	4.15	2.7	2	0.20
C201829	0.48	0.005	0.05	0.22	12	<10	40	0.21	0.07	17.00	0.13	4.05	3.0	2	0.19
C201830	0.66	0.006	0.03	0.15	7	<10	30	0.19	0.05	17.50	0.11	2.85	2.1	1	0.14
C201831	0.28	0.007	0.15	0.92	12.9	10	100	0.75	0.51	7.43	0.61	18.50	8.2	8	0.74
C201832	0.44	<0.005	0.07	0.55	9	<10	60	0.51	0.28	15.75	0.37	9.53	4.9	4	0.47
C201833	0.52	<0.005	0.02	0.19	10	<10	20	0.19	0.10	17.70	0.10	2.67	1.9	1	0.14
C201834	0.42	<0.005	0.04	0.25	2	<10	30	0.28	0.26	16.10	0.14	3.77	3.6	2	0.20
C201835	0.38	<0.005	0.12	1.04	15	<10	120	0.77	0.73	10.10	0.57	20.10	9.1	10	0.67
C201836	0.32	<0.005	0.19	0.77	12.5	<10	120	1.36	3.03	1.82	0.40	21.70	20.2	14	0.56
C201837	0.34	<0.005	0.05	0.42	5.6	10	260	1.35	0.30	0.99	0.16	25.20	15.2	8	0.79
C201838	0.58	<0.005	0.20	0.27	20.0	<10	30	0.51	2.01	3.57	0.15	18.90	30.4	3	0.83
C201839	0.06	0.007	0.02	0.01	0.2	<10	<10	<0.05	0.02	0.01	0.02	0.99	0.1	<1	<0.05
C201840	0.38	0.010	0.29	0.55	17.2	<10	20	0.22	0.98	0.05	0.07	44.90	9.3	6	2.08
C201841	0.48	<0.005	0.11	0.80	14.0	<10	40	0.79	1.50	0.04	0.13	114.50	15.9	7	1.42
C201842	0.38	<0.005	0.15	0.61	4.0	<10	30	0.13	0.50	0.07	0.18	26.40	3.3	5	1.05
C201843	0.52	0.087	0.21	0.82	15.9	<10	50	0.69	1.03	0.05	0.11	80.80	20.3	8	2.77
C201844	0.34	<0.005	0.41	0.48	22.3	<10	120	0.42	1.74	0.09	0.58	41.20	44.1	6	2.21
C201845	0.32	0.016	0.13	0.42	10.7	<10	130	0.68	0.37	1.43	0.42	8.35	13.6	6	2.64
C201846	0.42	<0.005	0.05	0.49	7.1	<10	1120	1.49	0.32	1.53	0.18	13.00	16.1	5	1.13
C201847	0.42	0.005	0.06	0.44	4.5	<10	110	0.98	0.25	1.69	0.17	9.52	10.2	4	0.55
C201848	0.34	<0.005	0.05	0.45	5.3	<10	70	0.90	0.33	1.35	0.14	12.65	11.7	5	0.45
C201849	0.54	<0.005	0.06	0.19	13	<10	30	0.42	0.27	18.70	0.15	4.05	3.8	2	0.20
C201850	0.58	<0.005	0.05	0.19	10	<10	30	0.41	0.25	18.40	0.13	3.72	3.7	2	0.19
C201851	0.56	0.006	0.28	1.68	16.1	<10	80	1.67	0.46	2.61	0.42	44.00	30.7	61	2.12
C201852	0.52	<0.005	0.19	1.33	10.8	10	40	1.04	0.26	8.54	0.23	29.30	21.7	62	1.16
C201853	0.40	<0.005	0.18	1.79	13.8	<10	80	1.67	0.45	0.29	0.24	40.00	25.5	57	1.92
C201854	0.56	<0.005	0.04	1.24	9.6	<10	60	1.31	0.57	0.07	0.18	34.90	21.2	17	1.92
C201855	0.40	<0.005	0.06	0.76	4.2	<10	150	0.78	0.64	0.54	0.31	17.35	7.2	9	1.37
C201856	0.34	0.008	0.07	1.36	12.3	<10	100	1.27	0.56	0.38	0.29	30.50	21.7	17	1.87
C201857	0.52	<0.005	0.05	0.82	5.7	<10	30	0.26	0.43	0.03	0.11	20.90	8.3	14	1.24
C201858	0.62	<0.005	0.13	0.72	7.1	10	30	0.98	0.24	9.87	0.13	28.20	12.2	9	1.60
C201859	0.54	<0.005	0.04	0.66	5.7	<10	50	0.98	0.23	0.27	0.13	34.10	6.9	14	0.68
C201860	0.62	<0.005	0.08	0.70	5.3	10	20	0.83	0.24	9.26	0.10	25.10	8.2	9	1.24
C201861	0.40	<0.005	0.13	0.88	6.7	<10	40	1.00	0.24	5.90	0.23	29.80	12.4	11	1.50
C201862	0.44	<0.005	0.24	0.98	9.7	<10	80	1.77	0.32	2.82	0.30	40.70	25.2	13	2.22
C201863	0.28	0.008	0.16	0.97	3.9	<10	170	1.46	0.30	1.49	0.65	25.10	11.3	11	1.24
C201864	0.42	<0.005	0.17	1.07	6.4	<10	100	1.20	0.36	0.53	0.43	24.90	16.6	15	2.32
C201865	0.60	<0.005	2.04	1.05	9.4	<10	70	1.23	0.38	0.22	0.22	44.70	14.7	15	1.37

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06075584

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C201826		28.0	3.97	1.22	0.09	0.07	0.11	0.043	0.09	3.7	2.1	4.65	436	0.77	0.02	0.21
C201827		19.4	2.93	0.74	0.08	0.04	0.19	0.033	0.09	3.2	1.4	7.09	540	0.53	0.03	0.17
C201828		6.8	0.92	0.43	0.05	0.03	0.04	0.014	0.02	1.8	1.8	11.25	978	0.22	0.03	0.24
C201829		6.0	1.06	0.49	0.05	<0.02	0.04	0.014	0.01	1.7	1.3	10.50	1255	0.33	0.03	0.15
C201830		3.8	0.64	0.36	0.05	<0.02	0.03	0.008	0.01	1.2	1.0	10.85	800	0.17	0.02	0.15
C201831		19.7	2.84	2.24	0.10	0.04	0.09	0.046	0.05	8.4	5.2	4.17	2910	0.70	0.02	0.41
C201832		11.1	1.66	1.13	0.07	0.02	0.05	0.027	0.03	4.0	2.7	9.75	2160	0.45	0.03	0.26
C201833		3.7	0.78	0.31	<0.05	<0.02	0.02	0.006	0.01	1.1	0.8	11.05	880	0.11	0.03	0.11
C201834		4.9	1.03	0.46	0.05	<0.02	0.05	0.012	0.01	1.6	1.2	10.00	1040	0.19	0.02	0.17
C201835		11.7	3.11	2.18	0.10	0.04	0.11	0.047	0.04	9.1	5.0	6.12	3160	0.71	0.03	0.32
C201836		20.2	5.34	1.90	0.15	0.07	0.21	0.089	0.04	9.1	2.6	0.82	3000	0.61	0.01	0.19
C201837		9.6	5.69	1.16	0.16	0.08	0.07	0.091	0.07	11.6	1.5	0.24	2400	0.52	0.01	0.14
C201838		101.0	6.71	1.22	0.11	0.06	0.14	0.083	0.05	9.5	1.4	2.14	2370	1.07	0.01	0.19
C201839		1.2	0.02	0.05	<0.05	0.03	<0.01	<0.005	<0.01	0.5	0.1	0.01	<5	<0.05	<0.01	<0.05
C201840		38.2	2.66	3.05	0.08	0.02	0.05	0.024	0.04	24.6	2.1	0.06	397	1.49	0.01	0.90
C201841		50.8	2.55	2.81	0.15	0.04	<0.01	0.028	0.05	51.7	10.7	0.16	731	1.18	<0.01	1.79
C201842		11.5	1.67	3.15	0.06	<0.02	0.07	0.013	0.04	13.6	2.5	0.06	228	0.78	0.01	1.48
C201843		56.4	2.57	3.08	0.12	0.04	0.01	0.025	0.05	38.4	8.6	0.12	851	1.82	0.01	1.06
C201844		86.6	3.26	2.62	0.08	0.02	0.15	0.039	0.08	19.6	1.2	0.04	5410	1.64	0.01	0.33
C201845		56.1	2.75	1.63	0.05	0.05	0.16	0.039	0.06	4.0	1.1	0.15	1665	1.03	0.01	0.24
C201846		21.4	3.53	1.23	0.07	0.09	0.10	0.057	0.06	7.4	1.8	0.28	1765	0.58	0.01	0.20
C201847		12.7	2.79	1.11	0.05	0.06	0.10	0.049	0.05	5.4	1.3	0.26	871	0.44	0.01	0.18
C201848		10.3	3.47	1.27	0.07	0.06	0.06	0.058	0.05	6.9	1.4	0.23	1160	0.44	0.01	0.23
C201849		4.5	1.01	0.47	<0.05	0.04	<0.01	0.014	0.02	1.9	1.3	11.70	1190	0.30	0.02	0.12
C201850		4.3	0.99	0.44	<0.05	0.03	0.01	0.013	0.01	1.7	1.1	11.45	1175	0.27	0.02	0.11
C201851		56.6	3.83	6.10	0.15	0.14	0.08	0.062	0.17	24.4	44.6	3.37	1995	1.18	0.01	0.30
C201852		40.0	3.12	4.47	0.12	0.09	0.04	0.045	0.11	18.5	33.3	6.78	1395	0.80	0.02	0.31
C201853		33.2	4.30	6.19	0.11	0.11	0.04	0.055	0.16	23.5	47.3	1.72	2170	0.93	0.01	0.29
C201854		50.3	2.63	3.84	0.07	0.05	0.01	0.040	0.10	18.5	25.6	0.63	976	0.89	<0.01	0.35
C201855		13.7	2.15	3.98	0.05	0.02	0.03	0.036	0.09	9.8	5.4	0.17	781	0.80	0.01	0.41
C201856		29.6	2.99	4.24	0.08	0.14	0.04	0.048	0.18	17.7	32.3	1.07	1250	1.56	<0.01	0.30
C201857		23.6	2.70	4.50	0.05	<0.02	0.03	0.023	0.07	11.3	9.1	0.27	365	0.78	<0.01	0.44
C201858		21.1	2.22	2.14	0.10	0.07	0.01	0.036	0.12	16.0	19.9	6.70	1525	0.89	0.02	0.13
C201859		15.5	2.58	1.97	0.07	0.05	0.01	0.034	0.05	16.2	10.7	0.29	938	0.42	<0.01	0.16
C201860		14.8	1.97	1.99	0.09	0.08	0.02	0.029	0.13	14.3	18.8	6.21	1095	0.75	0.02	0.13
C201861		22.3	2.40	2.74	0.09	0.10	0.02	0.038	0.14	16.8	22.1	4.19	1660	0.82	0.01	0.16
C201862		106.5	3.29	2.94	0.11	0.10	0.04	0.051	0.11	24.7	21.5	2.15	2180	0.86	0.01	0.31
C201863		24.7	2.03	3.04	0.06	0.06	0.06	0.036	0.08	16.2	11.0	0.52	3860	0.61	0.01	0.24
C201864		41.1	2.77	3.42	0.07	0.05	0.04	0.042	0.11	13.1	17.2	0.50	1485	0.86	0.01	0.29
C201865		60.0	2.92	3.30	0.12	0.12	0.06	0.041	0.14	25.2	23.0	0.69	1420	0.89	<0.01	0.34

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C201826		18.2	350	37.4	6.2	<0.001	0.10	1.02	5.7	0.6	0.3	21.1	<0.01	0.03	1.7	<0.005
C201827		12.5	250	26.0	5.0	<0.001	0.16	1.13	4.0	0.5	0.2	32.4	<0.01	0.02	1.4	<0.005
C201828		3.7	260	6.2	1.8	<0.001	0.07	0.61	1.0	0.5	<0.2	38.0	<0.01	0.02	0.4	<0.005
C201829		0.6	390	6.0	1.7	<0.001	0.06	0.56	0.8	1.0	<0.2	33.2	<0.01	0.02	0.3	0.005
C201830		0.9	310	2.9	1.5	<0.001	0.04	0.27	0.5	0.9	<0.2	36.2	<0.01	0.01	0.3	<0.005
C201831		9.9	1300	20.7	7.2	<0.001	0.20	1.16	1.2	1.9	0.3	20.2	0.01	0.06	0.6	0.015
C201832		4.1	830	11.2	4.1	<0.001	0.11	1.28	0.8	1.5	<0.2	24.9	0.01	0.05	0.3	0.011
C201833		1.6	430	3.2	1.3	<0.001	0.05	0.31	0.4	0.7	<0.2	20.4	<0.01	0.01	0.2	<0.005
C201834		2.0	450	4.3	2.5	<0.001	0.05	0.29	0.6	1.1	<0.2	24.3	<0.01	0.02	0.4	<0.005
C201835		10.7	1300	17.6	7.1	<0.001	0.13	0.80	1.6	1.6	0.2	20.0	0.01	0.05	0.6	0.009
C201836		18.5	1000	22.0	5.4	<0.001	0.10	2.12	3.9	1.6	0.4	12.0	0.02	0.06	0.7	0.006
C201837		23.5	880	6.7	5.3	<0.001	0.10	0.98	9.4	1.6	0.2	10.1	0.02	0.04	1.1	<0.005
C201838		28.6	800	18.4	3.5	0.001	0.06	5.63	12.6	0.4	<0.2	18.6	<0.01	0.05	7.1	<0.005
C201839		0.3	10	1.6	0.1	<0.001	0.02	<0.05	0.2	<0.2	<0.2	0.7	<0.01	<0.01	0.2	<0.005
C201840		9.2	680	22.0	9.2	<0.001	0.05	2.74	1.1	0.6	0.2	2.8	0.01	0.07	10.2	0.005
C201841		15.9	330	16.0	6.4	<0.001	0.02	2.24	1.8	0.2	0.2	3.5	0.01	0.06	21.9	0.011
C201842		4.4	870	10.0	6.5	<0.001	0.10	0.46	0.7	0.6	0.2	3.3	0.01	0.05	3.1	0.007
C201843		15.7	560	19.4	10.8	<0.001	0.04	1.17	1.0	0.4	0.2	4.6	0.01	0.07	9.8	0.006
C201844		16.6	1190	29.2	12.6	<0.001	0.08	9.35	1.8	0.6	0.3	8.0	<0.01	0.09	2.7	0.007
C201845		13.5	1050	14.3	7.1	<0.001	0.15	4.23	6.8	0.7	0.2	17.0	<0.01	0.07	1.4	0.006
C201846		17.3	1170	14.7	5.6	<0.001	0.16	0.81	7.4	1.1	0.2	20.4	0.01	0.06	0.8	<0.005
C201847		10.6	1070	7.8	4.0	<0.001	0.16	0.74	5.1	0.7	0.2	19.2	<0.01	0.05	0.6	<0.005
C201848		11.7	940	9.4	4.6	<0.001	0.15	0.54	5.9	1.0	0.2	15.9	0.01	0.05	0.6	<0.005
C201849		2.2	870	6.7	1.5	<0.001	0.06	0.42	0.7	0.5	<0.2	52.0	<0.01	0.06	0.3	<0.005
C201850		2.4	870	6.4	1.4	<0.001	0.06	0.39	0.6	0.5	<0.2	49.2	<0.01	0.06	0.3	<0.005
C201851		88.2	670	49.4	15.1	<0.001	0.03	1.85	8.5	0.3	0.4	7.8	<0.01	0.04	5.7	0.025
C201852		77.7	550	32.6	9.2	<0.001	0.04	1.20	7.2	0.2	0.3	17.3	<0.01	0.05	2.8	0.031
C201853		66.1	550	44.5	16.8	<0.001	0.05	1.45	6.6	0.4	0.5	4.1	<0.01	0.04	3.7	0.017
C201854		22.0	440	15.6	12.6	<0.001	0.03	1.02	2.7	0.3	0.3	4.3	<0.01	0.04	5.4	0.014
C201855		6.2	1190	11.5	12.9	<0.001	0.12	0.56	1.8	0.5	0.5	8.2	<0.01	0.05	0.5	0.012
C201856		23.4	780	43.1	16.1	0.001	0.06	1.50	4.4	0.7	0.4	6.1	<0.01	0.05	3.8	0.010
C201857		10.3	570	9.6	10.6	<0.001	0.07	0.87	0.9	0.5	0.3	2.5	<0.01	0.04	1.2	0.017
C201858		14.1	500	18.5	9.2	<0.001	0.02	0.89	4.5	0.3	0.2	20.3	<0.01	0.04	4.8	0.007
C201859		10.0	630	14.3	6.8	<0.001	0.04	0.55	2.8	0.3	0.2	3.5	<0.01	0.02	1.5	0.009
C201860		12.2	560	14.1	9.2	<0.001	0.04	0.64	3.7	0.2	0.2	19.6	<0.01	0.04	4.0	0.006
C201861		15.9	590	17.3	12.4	<0.001	0.04	0.75	4.3	0.3	0.2	14.3	<0.01	0.04	3.9	0.007
C201862		27.5	640	23.5	10.9	<0.001	0.03	1.13	6.0	0.5	0.2	10.6	<0.01	0.03	5.6	0.014
C201863		13.7	1530	16.8	10.0	<0.001	0.22	0.56	1.6	0.8	0.3	9.0	<0.01	0.04	0.8	0.012
C201864		14.9	1040	17.6	14.0	<0.001	0.12	0.71	2.6	0.8	0.3	6.9	<0.01	0.03	1.9	0.010
C201865		22.7	430	36.3	12.1	<0.001	0.02	1.22	5.4	0.4	0.3	6.2	0.01	0.05	8.6	0.014

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 19-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06075584

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C201826		0.09	0.75	12	0.05	13.50	55	2.4
C201827		0.08	0.61	10	<0.05	8.46	64	1.2
C201828		0.04	0.54	7	0.05	5.24	26	0.8
C201829		0.03	0.37	8	0.08	4.76	33	0.9
C201830		<0.02	0.27	4	0.05	3.72	20	0.8
C201831		0.10	1.38	25	0.14	13.45	156	1.4
C201832		0.06	0.58	15	0.12	8.88	90	1.2
C201833		<0.02	0.31	7	<0.05	2.84	34	0.7
C201834		0.03	0.75	11	0.05	4.77	23	0.8
C201835		0.10	1.31	40	0.15	16.45	84	1.0
C201836		0.14	1.57	36	0.20	21.80	90	0.9
C201837		0.06	0.47	18	0.09	22.60	40	1.1
C201838		0.23	2.09	43	0.28	8.59	105	1.4
C201839		<0.02	0.12	<1	<0.05	0.65	4	0.7
C201840		0.07	2.20	13	0.25	3.89	52	<0.5
C201841		0.06	4.34	11	0.36	11.55	64	0.8
C201842		0.07	1.03	12	0.32	2.87	30	<0.5
C201843		0.08	3.60	13	0.36	10.05	37	<0.5
C201844		0.14	3.15	23	0.19	4.95	60	<0.5
C201845		0.06	0.67	25	0.05	6.11	89	1.0
C201846		0.06	0.49	14	0.07	20.10	62	1.6
C201847		0.05	0.35	12	0.06	13.75	76	0.9
C201848		0.06	0.51	15	0.06	16.10	72	0.9
C201849		0.04	1.84	12	0.12	5.74	42	1.1
C201850		0.04	1.73	11	0.10	5.49	43	0.9
C201851		0.22	0.98	48	0.06	24.60	234	3.4
C201852		0.12	0.61	43	<0.05	20.50	152	2.2
C201853		0.25	0.81	48	0.05	22.10	178	2.2
C201854		0.19	1.13	23	0.06	6.98	57	1.1
C201855		0.16	0.67	27	0.07	4.06	53	<0.5
C201856		0.27	1.74	25	0.06	15.90	122	3.7
C201857		0.09	0.50	23	0.07	2.11	39	<0.5
C201858		0.12	0.54	14	<0.05	17.20	52	2.7
C201859		0.07	0.63	21	<0.05	12.85	63	0.8
C201860		0.11	0.56	14	<0.05	14.80	45	2.5
C201861		0.14	0.63	17	<0.05	18.45	54	2.5
C201862		0.28	0.84	21	0.07	29.00	80	2.1
C201863		0.12	0.64	19	0.05	13.90	93	1.2
C201864		0.16	1.09	22	0.06	13.15	51	1.0
C201865		0.13	0.73	21	0.10	20.20	53	3.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06075584

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C201866		0.24	<0.005	0.25	0.26	1.7	<10	60	0.57	0.10	1.66	0.34	7.46	8.0	2	0.49
C201867		0.70	<0.005	0.30	1.36	8.3	<10	90	0.89	0.49	0.07	0.36	34.60	12.4	20	2.00
C201868		0.40	<0.005	0.24	1.05	5.5	<10	220	1.67	0.27	0.87	0.63	32.60	11.9	12	0.98
C201869		0.54	<0.005	0.12	2.35	15.1	<10	130	1.87	0.46	0.12	0.22	37.50	22.1	31	3.48
C201870		0.68	<0.005	0.11	1.38	10.6	<10	40	0.57	0.41	0.03	0.16	38.40	13.7	18	2.09
C201871		0.62	<0.005	0.15	0.99	8.4	<10	70	0.30	0.49	0.06	0.21	22.20	7.1	18	1.48
C201872		0.44	<0.005	0.14	1.04	8.3	<10	80	1.48	0.26	0.78	0.34	59.60	9.0	13	0.65
C201873		0.46	<0.005	0.12	1.04	8.0	<10	70	1.35	0.22	0.80	0.33	59.30	8.3	13	0.62
C201874		0.32	<0.005	0.18	0.89	7.5	<10	100	0.80	0.31	0.60	0.67	18.15	32.9	10	2.43
C201875		0.34	<0.005	0.10	0.89	6.2	<10	110	0.86	0.28	0.96	0.49	29.70	11.6	11	0.94
C201876		0.58	<0.005	0.13	1.31	9.1	<10	80	1.29	0.36	0.21	0.26	48.40	12.3	17	1.29
C201877		0.28	<0.005	0.10	1.00	3.2	<10	70	0.42	0.20	1.62	0.45	16.05	21.5	15	0.96
C201878		0.80	<0.005	0.07	1.08	13.3	<10	500	1.73	0.59	0.29	0.08	54.20	34.0	12	2.85
C201879		0.38	<0.005	0.08	0.95	4.2	<10	130	1.15	0.21	1.85	0.27	24.50	8.3	9	1.45
C201880		0.32	<0.005	0.15	0.83	3.5	<10	160	0.32	0.23	0.77	0.64	13.90	11.2	16	1.07
C201881		0.52	<0.005	0.14	1.53	7.0	<10	190	1.34	0.30	0.86	0.59	36.30	12.4	18	1.64
C201882		0.54	0.005	0.12	3.21	4.1	<10	270	1.28	0.27	0.59	0.53	37.00	46.9	56	4.08
C201883		0.48	<0.005	0.09	2.61	3.6	<10	180	1.24	0.27	0.84	0.52	31.70	36.5	39	2.72
C201884		0.46	0.010	0.12	3.46	6.3	<10	640	1.41	0.27	0.48	0.65	41.40	63.0	63	5.05
C201885		0.30	0.005	0.10	3.01	7.4	<10	180	1.12	0.30	1.46	0.48	36.10	48.6	46	5.05
C201886		0.66	0.006	0.09	3.13	3.6	<10	160	0.87	0.28	0.39	0.32	39.60	52.2	52	3.95
C201887		0.40	0.008	0.08	3.10	3.0	<10	320	1.08	0.22	0.88	0.52	33.10	82.8	54	5.92
C201888		0.36	0.009	0.09	3.19	3.7	<10	180	1.15	0.27	0.59	0.29	33.00	38.0	59	6.60
C201889		0.54	<0.005	1.21	0.47	13	<10	80	0.66	0.38	14.60	0.35	12.35	8.3	6	0.67
C201890		0.06	<0.005	0.06	0.01	0.5	<10	<10	<0.05	0.01	0.08	0.04	1.76	0.7	<1	<0.05
C201891		0.26	<0.005	0.20	0.44	6.0	<10	820	0.36	0.72	1.91	0.97	14.30	19.4	4	0.55
C201892		0.52	<0.005	0.08	0.65	10.6	<10	380	0.45	0.62	0.41	0.20	36.00	17.6	10	0.69
C201893		0.62	0.011	0.28	1.21	60.0	<10	240	1.78	4.50	0.26	0.54	57.40	38.2	15	3.37
C201894		0.66	0.024	4.24	0.83	995.0	<10	1020	2.74	44.70	1.56	1.24	29.40	473.0	5	0.69
C201895		0.42	<0.005	0.12	0.50	11.0	<10	460	0.29	0.79	0.55	0.20	15.35	11.6	7	1.29
C201896		0.46	0.008	0.14	0.98	82.0	<10	210	1.26	5.13	1.11	0.35	23.50	51.2	10	1.03
C201897		0.66	0.016	0.14	1.19	39.8	<10	140	2.55	2.72	0.53	0.17	26.70	53.7	13	1.79
C201898		0.76	<0.005	0.30	1.37	17.5	<10	50	1.12	1.58	0.07	0.14	43.50	27.9	14	3.12
C201899		0.76	<0.005	0.06	0.54	7.2	<10	70	0.92	0.60	0.02	0.09	56.00	19.4	7	2.54
C201900		0.64	0.008	0.09	1.62	6.8	<10	90	1.08	0.64	0.10	0.15	52.10	10.5	14	5.74
C201901		1.04	<0.005	0.06	0.30	31.8	<10	50	1.16	1.96	0.04	0.04	45.20	50.0	4	1.99
C201322		0.56	<0.005	0.08	0.40	5	<10	10	0.39	0.11	16.75	0.05	15.05	3.9	5	0.85
C201323		0.70	<0.005	0.17	0.48	8	10	10	0.48	0.19	15.85	0.10	16.95	6.2	6	1.05
C201324		0.56	<0.005	0.08	0.21	3	<10	10	0.33	0.13	17.45	0.07	15.40	3.2	3	0.34
C201325		0.66	<0.005	0.24	0.28	11	<10	10	0.41	0.29	17.60	0.05	13.05	4.5	4	0.62

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C201866		36.5	0.43	0.71	<0.05	0.07	0.16	0.011	0.07	3.3	2.1	0.20	495	0.21	0.01	0.10
C201867		29.7	3.21	5.27	0.11	0.05	0.07	0.062	0.12	15.9	16.3	0.32	1095	1.15	<0.01	0.46
C201868		19.7	2.75	3.22	0.10	0.06	0.08	0.042	0.09	13.8	17.8	0.50	2800	0.63	<0.01	0.29
C201869		77.2	3.92	7.46	0.10	0.03	0.03	0.051	0.12	16.6	32.0	0.68	715	1.66	<0.01	1.27
C201870		52.3	2.88	5.22	0.11	0.02	0.03	0.026	0.09	18.8	21.3	0.41	547	1.42	<0.01	0.64
C201871		23.6	3.85	7.42	0.10	<0.02	0.13	0.028	0.09	10.1	5.9	0.15	538	1.41	<0.01	0.51
C201872		14.7	3.76	3.55	0.17	0.09	0.06	0.052	0.14	35.2	28.7	1.06	2090	0.99	<0.01	0.14
C201873		14.0	3.59	3.51	0.16	0.10	0.05	0.055	0.15	35.4	29.8	1.07	1850	0.95	<0.01	0.14
C201874		69.5	1.82	2.73	0.06	0.04	0.16	0.030	0.10	8.5	16.0	0.40	1680	1.04	<0.01	0.31
C201875		21.5	2.45	3.11	0.08	0.05	0.13	0.040	0.09	13.2	16.1	0.51	2030	0.74	<0.01	0.40
C201876		26.2	3.00	3.99	0.14	0.09	0.05	0.039	0.19	27.5	25.4	0.79	1185	0.82	<0.01	0.27
C201877		37.5	2.09	3.82	0.08	0.04	0.12	0.021	0.08	6.7	11.4	0.63	1145	0.46	0.01	0.23
C201878		72.7	5.31	3.63	0.16	0.10	0.11	0.136	0.13	27.6	17.7	0.76	4500	0.91	<0.01	0.15
C201879		21.8	1.83	2.74	0.10	0.09	0.13	0.041	0.10	13.3	13.2	0.73	952	0.37	<0.01	0.21
C201880		32.0	2.38	4.82	0.07	0.02	0.15	0.021	0.10	6.5	7.7	0.42	1410	0.69	<0.01	0.31
C201881		17.7	2.93	4.99	0.11	0.07	0.09	0.038	0.11	18.8	40.2	0.81	2680	0.92	<0.01	0.47
C201882		163.0	6.05	11.10	0.20	0.10	0.07	0.064	0.09	19.0	37.0	2.65	2180	0.71	<0.01	0.14
C201883		125.5	4.99	8.53	0.16	0.08	0.08	0.050	0.09	15.4	29.5	2.05	1710	0.65	<0.01	0.10
C201884		196.0	6.72	12.30	0.21	0.10	0.08	0.082	0.09	19.5	44.8	3.07	3170	1.65	<0.01	0.10
C201885		135.0	5.94	10.35	0.20	0.08	0.09	0.056	0.11	16.6	38.3	3.13	1740	1.51	<0.01	0.09
C201886		138.0	6.27	11.20	0.19	0.07	0.10	0.041	0.09	18.1	41.1	2.97	1510	0.65	<0.01	0.05
C201887		170.5	5.75	10.70	0.18	0.08	0.17	0.056	0.09	14.2	38.1	2.67	2560	1.03	<0.01	0.09
C201888		160.0	5.92	11.60	0.18	0.09	0.10	0.056	0.09	16.0	44.7	2.72	737	0.90	<0.01	0.18
C201889		132.0	5.18	1.80	0.12	0.06	0.07	0.128	0.04	6.1	7.3	9.14	3020	2.48	0.02	0.11
C201890		6.7	0.04	0.15	<0.05	0.02	<0.01	<0.005	<0.01	0.7	0.6	0.04	17	0.11	<0.01	<0.05
C201891		57.5	2.50	2.17	0.07	0.05	0.28	0.037	0.10	6.7	2.4	0.27	8810	2.65	<0.01	0.21
C201892		36.4	3.14	3.09	0.09	0.05	0.09	0.047	0.07	13.2	3.4	0.10	3380	2.57	<0.01	0.26
C201893		224.0	7.10	4.12	0.22	0.07	0.11	0.167	0.06	29.5	13.4	0.31	4150	2.53	<0.01	0.40
C201894		1335.0	13.80	2.40	0.34	0.27	0.08	0.297	0.06	13.0	4.6	0.28	11050	14.25	<0.01	0.14
C201895		30.4	1.53	2.67	<0.05	0.02	0.10	0.031	0.05	8.3	2.0	0.08	758	2.06	<0.01	0.39
C201896		156.0	7.27	3.67	0.20	0.10	0.11	0.263	0.06	11.6	7.1	0.34	6120	10.05	<0.01	0.32
C201897		57.1	7.71	3.56	0.18	0.10	0.09	0.116	0.08	14.9	8.4	0.31	4390	7.28	<0.01	0.25
C201898		93.1	2.47	3.92	0.11	0.05	0.04	0.029	0.09	20.2	17.3	0.26	701	1.26	<0.01	0.70
C201899		31.6	2.72	2.00	0.13	0.07	0.01	0.013	0.08	27.9	5.8	0.11	666	1.03	<0.01	0.37
C201900		21.3	2.90	4.94	0.12	0.05	0.04	0.022	0.12	27.5	32.6	0.19	778	0.98	<0.01	0.73
C201901		96.2	3.57	0.91	0.07	0.10	0.02	0.032	0.06	21.2	2.7	0.08	1240	1.01	<0.01	0.07
C201322		11.9	1.15	1.31	0.06	0.06	0.04	0.013	0.11	8.6	20.7	11.05	837	0.84	0.02	0.10
C201323		23.5	1.69	1.61	0.07	0.11	0.05	0.015	0.15	10.0	24.0	10.50	654	1.23	0.02	0.09
C201324		10.2	0.75	0.70	<0.05	0.04	0.02	0.015	0.06	9.0	9.2	11.40	550	0.76	0.03	0.10
C201325		24.2	1.17	0.99	0.05	0.11	0.05	0.014	0.12	8.0	16.4	11.55	520	1.57	0.02	0.08

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 19-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06075584

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C201866		5.4	1070	7.0	2.6	<0.001	0.21	0.37	1.3	1.2	<0.2	12.1	0.01	0.02	1.7	<0.005
C201867		13.5	1050	22.3	18.8	0.017	0.06	0.74	2.1	0.8	0.6	5.7	0.04	0.08	1.4	0.015
C201868		14.5	1180	18.6	13.4	0.002	0.14	0.65	2.5	1.1	0.3	9.5	0.02	0.04	0.8	0.011
C201869		36.7	470	27.5	20.1	<0.001	0.02	0.94	3.9	0.4	0.7	12.5	0.01	0.06	3.4	0.041
C201870		17.4	610	19.7	15.4	<0.001	0.03	0.88	1.8	0.6	0.4	5.0	<0.01	0.05	2.5	0.018
C201871		9.9	1330	17.3	15.2	<0.001	0.14	0.88	1.1	1.1	0.6	5.3	<0.01	0.07	0.2	0.014
C201872		18.6	900	32.6	12.7	<0.001	0.06	0.84	4.3	1.3	0.3	4.0	0.01	0.06	1.0	0.006
C201873		17.6	840	31.8	13.1	<0.001	0.08	0.80	4.7	1.2	0.3	4.4	0.01	0.05	1.1	0.006
C201874		19.5	990	18.2	11.1	0.004	0.14	1.10	1.5	1.0	0.2	13.7	0.01	0.03	1.6	0.010
C201875		11.8	890	21.0	10.7	0.002	0.16	0.80	3.0	1.2	0.3	10.4	0.01	0.06	0.9	0.013
C201876		20.2	510	23.8	16.6	<0.001	0.05	0.85	5.2	0.7	0.3	5.0	0.01	0.05	4.1	0.011
C201877		15.1	940	16.1	9.5	<0.001	0.19	0.58	4.8	1.3	0.2	30.5	0.01	0.06	0.7	0.009
C201878		36.8	630	25.5	10.3	<0.001	0.04	1.17	6.3	0.5	0.2	9.2	<0.01	0.12	6.9	0.009
C201879		11.1	1800	20.2	11.1	<0.001	0.23	0.49	3.3	1.2	0.2	15.7	<0.01	0.05	0.9	0.007
C201880		13.2	1110	15.1	11.0	<0.001	0.14	0.54	2.2	0.9	0.3	17.2	<0.01	0.06	0.3	0.011
C201881		15.8	960	26.5	18.7	<0.001	0.12	0.66	3.8	1.2	0.4	11.0	<0.01	0.05	1.0	0.018
C201882		45.9	1020	27.7	10.3	<0.001	0.09	0.32	16.5	1.7	0.3	15.4	0.01	0.08	1.3	0.009
C201883		38.7	920	27.4	10.1	<0.001	0.11	0.31	11.8	1.5	0.2	18.7	<0.01	0.09	1.1	0.006
C201884		53.0	810	32.2	9.8	0.001	0.08	0.32	21.4	1.9	0.3	14.9	0.01	0.08	1.4	0.008
C201885		49.5	730	29.7	9.5	<0.001	0.10	0.35	15.9	1.6	0.2	17.4	<0.01	0.08	2.2	0.006
C201886		54.9	550	23.3	7.0	<0.001	0.06	0.25	14.3	0.7	0.2	8.6	<0.01	0.08	2.7	0.006
C201887		49.6	820	24.5	9.3	<0.001	0.11	0.36	16.6	1.8	0.2	20.6	<0.01	0.07	1.4	0.007
C201888		50.6	890	25.4	11.6	<0.001	0.09	0.36	17.2	1.7	0.3	18.0	<0.01	0.07	1.6	0.010
C201889		21.5	590	83.3	4.7	<0.001	0.08	1.56	3.5	0.8	<0.2	21.0	<0.01	0.04	0.7	0.005
C201890		1.2	10	4.6	0.2	<0.001	0.01	0.07	0.3	<0.2	<0.2	1.6	<0.01	<0.01	<0.2	<0.005
C201891		16.3	1350	14.5	6.5	<0.001	0.20	0.72	2.2	1.4	0.2	23.7	<0.01	0.06	1.1	0.010
C201892		13.1	1810	14.0	12.5	<0.001	0.12	0.66	3.9	0.9	0.3	9.3	<0.01	0.08	2.9	0.012
C201893		52.2	880	78.0	10.9	<0.001	0.05	3.03	6.5	1.0	0.4	12.0	0.01	0.12	14.5	0.014
C201894		577.0	1920	227.0	5.0	<0.001	0.15	5.25	12.4	2.6	0.2	25.5	0.01	0.11	8.8	0.005
C201895		10.4	1080	12.1	8.6	<0.001	0.19	0.75	2.4	1.0	0.4	16.5	<0.01	0.05	0.6	0.012
C201896		35.4	1330	18.1	11.7	<0.001	0.15	1.45	5.8	2.3	0.3	14.6	0.01	0.15	3.4	0.013
C201897		38.9	1390	14.6	14.4	<0.001	0.10	1.19	23.0	1.9	0.3	8.5	0.01	0.52	5.2	0.008
C201898		20.2	520	53.5	14.5	<0.001	0.01	0.84	3.2	0.5	0.4	6.4	<0.01	0.08	15.6	0.027
C201899		17.4	270	11.1	9.6	<0.001	<0.01	0.68	2.3	0.2	0.2	13.2	<0.01	0.02	32.9	0.011
C201900		13.9	360	15.4	25.8	<0.001	0.02	0.69	2.4	0.4	0.6	7.5	<0.01	0.04	14.2	0.006
C201901		38.7	330	5.6	4.9	0.001	0.01	0.72	2.7	0.5	<0.2	16.2	0.01	0.12	28.7	<0.005
C201322		4.9	330	19.2	7.2	<0.001	0.04	0.75	2.7	0.5	<0.2	24.8	<0.01	0.02	2.5	<0.005
C201323		10.8	520	71.3	8.9	0.001	0.08	1.35	3.3	0.7	0.2	29.9	<0.01	0.04	3.5	<0.005
C201324		2.4	290	11.8	3.9	<0.001	0.03	0.85	2.2	0.6	<0.2	23.8	<0.01	0.02	1.3	<0.005
C201325		10.4	340	24.7	6.5	<0.001	0.05	2.40	2.5	0.6	0.2	32.9	<0.01	0.03	2.4	<0.005

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06075584

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C201866		0.06	0.28	3	<0.05	4.81	47	1.6
C201867		0.22	1.01	33	0.11	7.15	71	<0.5
C201868		0.15	0.69	22	0.07	15.75	63	0.7
C201869		0.33	1.18	54	0.18	7.23	96	<0.5
C201870		0.33	0.98	30	0.11	4.16	52	<0.5
C201871		0.16	0.85	38	0.11	2.85	55	<0.5
C201872		0.12	0.77	28	0.06	38.80	78	0.8
C201873		0.12	0.71	27	0.06	39.00	81	1.0
C201874		0.53	0.80	13	0.05	5.78	80	0.7
C201875		0.18	0.62	22	0.06	12.75	87	0.9
C201876		0.16	0.83	24	0.07	24.70	57	1.2
C201877		0.11	0.22	31	<0.05	7.75	42	0.8
C201878		0.09	1.19	15	0.08	17.50	55	1.7
C201879		0.10	0.51	12	<0.05	17.80	66	1.6
C201880		0.09	0.31	46	<0.05	3.26	72	<0.5
C201881		0.19	0.69	37	0.08	18.60	74	1.0
C201882		0.13	0.31	97	0.05	33.30	96	0.7
C201883		0.13	0.23	67	<0.05	25.70	84	0.7
C201884		0.15	0.40	124	0.05	34.70	105	0.8
C201885		0.15	0.29	81	<0.05	22.70	103	0.8
C201886		0.09	0.11	88	<0.05	17.75	103	0.7
C201887		0.14	0.19	94	<0.05	24.30	86	0.6
C201888		0.13	0.28	102	0.05	27.30	100	0.9
C201889		0.72	1.33	35	0.05	14.20	66	1.1
C201890		0.03	0.10	<1	<0.05	1.39	4	0.6
C201891		0.10	1.02	17	0.05	5.96	166	1.0
C201892		0.11	1.64	23	0.15	7.57	38	0.7
C201893		0.14	3.41	26	0.30	16.35	92	1.1
C201894		0.98	5.03	22	0.15	37.20	233	5.0
C201895		0.13	1.43	22	0.08	3.92	36	0.6
C201896		0.81	16.40	37	0.12	19.70	85	1.7
C201897		0.20	13.85	62	0.11	23.20	51	1.2
C201898		0.14	5.56	21	0.11	7.91	108	1.0
C201899		0.07	5.21	13	0.06	6.11	29	2.2
C201900		0.17	1.68	26	0.11	3.72	37	1.3
C201901		0.04	3.55	6	0.05	5.55	12	3.5
C201322		0.35	1.03	12	<0.05	11.75	26	2.5
C201323		0.52	1.41	13	<0.05	13.35	49	4.9
C201324		0.12	1.12	12	<0.05	15.00	21	1.0
C201325		0.18	1.44	11	<0.05	12.60	24	4.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA06075584

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C201326		0.68	0.016	0.29	0.71	11	10	20	0.82	0.30	13.15	0.09	25.30	7.5	9	1.54
C201327		0.68	<0.005	0.13	1.25	7.9	10	30	1.34	0.39	7.81	0.08	35.00	13.1	15	2.86
C201328		0.70	<0.005	0.12	1.12	10.6	10	30	1.02	0.24	6.22	0.09	34.50	12.3	15	2.83
C201329		0.64	<0.005	0.14	1.27	13.1	10	40	1.06	0.31	6.75	0.08	38.40	14.3	14	3.35
C201330		0.56	<0.005	0.14	1.00	11.8	10	40	1.01	0.26	7.62	0.10	39.50	14.0	14	2.96
C201331		0.54	<0.005	0.14	1.03	12.1	10	40	1.00	0.26	7.67	0.10	39.50	14.3	14	3.07
C201332		0.64	<0.005	0.17	0.98	11.1	10	50	0.93	0.25	8.57	0.13	31.90	17.4	15	2.62
C201333		0.58	<0.005	0.25	1.22	10.7	<10	40	0.88	0.22	8.29	0.10	33.40	18.1	14	2.01
C201334		0.56	<0.005	0.30	1.26	11.1	<10	50	0.97	0.22	6.23	0.26	43.90	16.8	15	2.07
C201335		0.66	<0.005	0.14	0.47	7	<10	30	0.64	0.16	11.20	0.10	38.20	11.6	7	0.78
C201336		0.70	<0.005	0.19	0.82	8	10	20	0.61	0.17	12.40	0.16	27.50	12.0	11	1.07
C201337		0.68	<0.005	0.10	3.50	3.1	<10	260	0.97	0.26	0.27	0.38	49.90	78.3	61	4.01
C201338		0.64	0.008	0.05	1.45	8.0	<10	70	1.22	0.28	3.31	0.20	73.00	14.1	15	2.53
C201339		0.48	<0.005	0.05	1.77	7.5	<10	100	1.58	0.30	0.64	0.34	66.20	15.8	18	2.16
C201340		0.66	<0.005	0.20	2.66	10.7	<10	240	1.30	0.35	0.65	0.38	37.70	32.9	40	3.62
C201341		0.50	0.005	0.07	1.59	9.4	<10	150	1.33	0.35	0.75	0.35	54.70	14.2	19	1.78
C201342		0.50	<0.005	0.18	3.75	7.0	<10	340	1.59	0.35	0.44	0.71	49.30	95.2	62	11.25
C201343		0.76	0.010	0.32	1.32	21.5	<10	280	1.35	0.55	0.74	0.17	54.70	31.5	17	4.30
C201344		0.50	<0.005	0.06	2.71	5.8	<10	130	0.66	0.43	0.22	0.29	31.60	25.9	42	2.27
C201345		0.72	<0.005	0.15	3.48	4.7	<10	400	1.33	0.32	0.27	0.70	60.70	85.2	57	6.61
C201346		0.66	0.009	0.12	3.06	3.2	<10	120	0.68	0.30	0.21	0.27	40.20	42.2	49	2.99
C201347		0.74	0.006	0.43	1.11	10.9	<10	100	0.78	0.88	7.73	0.18	24.30	11.2	12	0.76
C201348		0.64	<0.005	0.54	0.83	319.0	<10	490	0.87	8.75	0.47	0.60	80.80	81.5	11	1.02
C201349		0.54	0.018	0.12	1.29	17.9	<10	70	0.74	1.89	0.06	0.11	29.40	18.5	15	4.13
C201350		0.52	0.005	0.07	1.14	17.0	<10	360	1.03	1.04	0.67	0.25	49.80	38.2	15	0.98
C201351		0.56	0.013	0.08	1.20	17.7	<10	390	1.11	1.10	0.70	0.27	54.80	40.8	15	1.01
C201352		0.82	0.007	0.25	1.06	136.5	<10	70	3.04	7.35	0.12	0.21	32.10	200.0	9	1.63
C201353		0.58	0.021	0.15	1.50	16.0	<10	220	1.28	1.08	2.95	0.14	67.10	49.8	9	1.92
C201354		0.66	0.006	0.20	1.91	30.1	<10	670	1.26	1.73	0.86	0.29	67.90	18.6	20	5.77
C201355		0.72	<0.005	0.10	0.61	9.5	<10	40	0.45	1.42	0.05	0.09	35.90	11.2	5	1.39
C201356		0.78	<0.005	0.06	1.38	8.4	<10	40	0.58	1.03	0.03	0.10	50.60	13.0	14	2.85
C201357		0.70	<0.005	0.71	1.47	7.1	<10	30	0.57	0.70	0.02	0.10	26.60	10.3	11	2.18
C201358		0.64	<0.005	0.17	1.54	11.2	<10	50	0.48	0.65	0.04	0.10	46.40	8.9	17	2.36
C201359		0.82	<0.005	0.26	1.13	10.0	<10	30	0.51	0.86	0.06	0.03	68.10	16.6	12	1.59
C201360		0.84	<0.005	0.14	1.45	18.1	<10	60	1.95	0.59	0.07	0.16	30.30	36.3	19	4.42
C201361		0.66	0.005	0.11	1.47	31.5	<10	100	2.11	1.39	0.05	0.16	33.00	76.3	16	4.38
C201362		1.08	<0.005	0.09	1.25	10.8	<10	80	1.70	1.50	0.04	0.06	190.50	42.2	13	2.45
C201363		1.04	<0.005	0.10	1.72	15.5	<10	70	2.25	1.90	0.05	0.21	94.40	42.5	18	4.93
C203004		0.58	<0.005	0.12	1.38	8.3	<10	40	0.69	0.31	0.04	0.14	36.50	17.2	27	2.68
C203005		0.56	<0.005	0.07	1.80	8.1	<10	100	1.36	0.32	0.34	0.31	61.10	10.4	33	2.33

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C201326		39.8	1.69	2.53	0.08	0.10	0.07	0.024	0.24	15.5	39.7	8.90	510	1.97	0.02	0.15
C201327		34.5	1.62	4.64	0.10	0.19	0.06	0.024	0.47	20.4	66.8	5.93	357	1.52	0.01	0.21
C201328		29.1	1.46	3.76	0.08	0.19	0.05	0.020	0.44	19.6	41.6	4.66	315	3.12	0.01	0.15
C201329		24.7	1.74	4.16	0.08	0.15	0.08	0.026	0.44	21.4	46.1	5.20	569	2.54	0.01	0.19
C201330		47.3	1.82	3.27	0.08	0.14	0.05	0.027	0.35	22.8	33.7	5.42	538	1.90	0.01	0.20
C201331		48.4	1.84	3.40	0.08	0.15	0.04	0.028	0.36	22.6	35.6	5.46	542	1.94	0.01	0.20
C201332		35.3	1.76	3.07	0.07	0.20	0.06	0.021	0.34	17.7	37.8	6.06	425	1.30	0.01	0.16
C201333		21.1	2.11	3.58	0.08	0.11	0.05	0.047	0.19	18.0	42.1	6.43	681	0.69	0.01	0.12
C201334		22.5	2.53	3.60	0.08	0.11	0.08	0.050	0.18	22.6	35.0	5.04	1070	0.71	0.01	0.24
C201335		18.1	1.87	1.55	0.07	0.05	0.05	0.037	0.11	20.0	12.0	7.20	1125	0.58	0.02	0.12
C201336		16.6	1.62	2.31	0.06	0.08	0.03	0.022	0.14	14.9	24.4	8.52	618	0.47	0.02	0.09
C201337		163.5	6.67	12.60	0.11	0.07	0.06	0.091	0.07	20.8	42.4	3.19	2240	0.83	<0.01	0.06
C201338		38.8	3.56	4.43	0.15	0.14	0.04	0.053	0.18	38.2	32.3	3.39	1650	0.31	0.01	0.19
C201339		30.0	4.24	5.42	0.14	0.14	0.09	0.063	0.17	36.4	31.9	1.68	1475	0.38	<0.01	0.24
C201340		123.0	5.47	8.80	0.11	0.12	0.10	0.063	0.13	23.8	31.9	1.82	1280	0.97	<0.01	0.29
C201341		17.6	4.17	5.08	0.09	0.07	0.08	0.063	0.14	22.8	36.6	0.95	2770	1.01	<0.01	0.54
C201342		232.0	6.90	13.90	0.15	0.15	0.10	0.104	0.14	29.6	42.1	2.82	3530	1.30	0.01	0.21
C201343		108.5	4.13	4.57	0.10	0.10	0.08	0.036	0.13	26.2	19.5	1.25	2010	0.75	<0.01	0.15
C201344		56.2	5.46	10.25	0.08	0.07	0.06	0.056	0.12	14.8	29.1	1.52	1190	1.60	0.01	0.34
C201345		222.0	6.55	13.20	0.14	0.13	0.10	0.111	0.12	30.4	41.8	2.77	3690	0.92	<0.01	0.11
C201346		165.0	6.14	9.26	0.10	0.08	0.07	0.064	0.10	19.9	26.0	2.63	1605	0.65	<0.01	0.05
C201347		34.8	4.29	3.44	0.07	0.08	0.05	0.088	0.07	11.7	9.4	4.82	2930	1.86	0.01	0.44
C201348		678.0	6.76	3.10	0.14	0.10	0.14	0.129	0.05	40.8	4.8	0.25	6960	9.32	<0.01	0.31
C201349		39.2	3.30	7.04	0.06	<0.02	0.07	0.032	0.09	14.9	18.6	0.48	331	2.88	<0.01	0.90
C201350		276.0	5.28	3.80	0.12	0.10	0.10	0.084	0.09	37.0	6.0	0.31	4510	8.03	<0.01	0.25
C201351		305.0	5.56	3.97	0.13	0.11	0.10	0.091	0.10	41.3	6.3	0.33	5120	9.01	<0.01	0.24
C201352		299.0	9.49	3.75	0.13	0.15	0.07	0.374	0.05	15.1	10.2	0.36	7160	9.18	0.01	0.11
C201353		894.0	5.88	4.59	0.13	0.13	0.03	0.069	0.08	34.3	18.4	1.22	5600	2.05	0.01	0.16
C201354		165.0	4.47	6.73	0.10	0.10	0.05	0.086	0.11	31.2	15.3	0.50	7220	17.70	<0.01	0.33
C201355		22.7	2.07	2.04	0.05	<0.02	0.04	0.017	0.08	17.4	4.3	0.07	984	0.91	<0.01	0.13
C201356		75.6	2.91	4.25	0.07	0.05	0.04	0.030	0.10	22.8	10.6	0.18	406	1.32	<0.01	0.87
C201357		29.4	2.79	3.53	0.06	0.06	0.09	0.016	0.08	13.4	14.2	0.19	396	0.81	0.01	0.49
C201358		25.3	3.35	5.54	0.08	0.04	0.07	0.029	0.08	22.5	10.1	0.23	354	1.42	0.01	1.44
C201359		51.9	2.70	3.24	0.11	0.02	0.02	0.010	0.06	32.2	19.5	0.32	379	0.36	<0.01	0.07
C201360		109.5	4.32	3.64	0.09	0.05	0.05	0.053	0.07	14.6	25.6	0.41	1225	1.43	0.01	0.32
C201361		146.0	3.76	3.72	0.08	0.04	0.05	0.062	0.07	16.0	14.2	0.29	2830	3.26	0.01	0.51
C201362		53.1	4.08	4.53	0.21	0.28	0.01	0.040	0.12	87.4	12.6	0.33	2040	2.57	0.01	0.70
C201363		92.5	4.32	5.18	0.15	0.15	0.05	0.067	0.10	39.3	18.8	0.44	2210	3.14	0.01	0.46
C203004		61.0	2.74	4.04	0.07	0.03	0.03	0.021	0.10	18.7	17.5	0.72	428	1.28	0.01	0.36
C203005		17.9	3.83	5.63	0.10	0.08	0.03	0.061	0.16	26.3	41.3	1.16	1385	1.16	0.01	0.59

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 19-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06075584

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C201326		17.7	590	32.7	15.6	<0.001	0.07	2.59	4.8	1.0	0.3	30.9	<0.01	0.05	4.2	0.006
C201327		19.6	780	22.7	31.8	<0.001	0.04	1.45	5.6	0.9	0.6	22.1	<0.01	0.11	8.9	0.008
C201328		26.5	800	21.0	27.2	<0.001	0.02	1.35	5.0	0.6	0.4	17.8	<0.01	0.05	6.8	0.008
C201329		24.5	780	20.8	28.5	<0.001	0.04	1.48	6.2	0.8	0.5	16.2	<0.01	0.07	7.3	0.007
C201330		23.3	630	22.5	22.9	<0.001	0.06	1.36	6.0	0.7	0.4	18.7	<0.01	0.05	6.0	0.009
C201331		24.2	640	22.6	23.8	<0.001	0.06	1.42	6.1	0.7	0.4	18.9	<0.01	0.05	6.1	0.009
C201332		25.7	590	52.8	19.7	<0.001	0.08	1.84	5.0	0.8	0.3	20.7	<0.01	0.03	6.3	0.007
C201333		24.0	460	22.2	11.3	<0.001	0.04	2.20	6.4	0.7	0.3	21.4	<0.01	0.03	4.3	0.005
C201334		25.4	490	26.6	12.2	<0.001	0.02	1.71	7.8	0.7	0.3	15.9	<0.01	0.03	4.2	0.009
C201335		11.1	350	13.8	6.6	<0.001	0.03	1.04	6.6	0.6	0.2	23.1	<0.01	0.02	3.2	0.005
C201336		15.2	330	35.0	7.2	<0.001	0.02	1.36	5.3	0.4	0.2	28.7	<0.01	0.02	3.8	<0.005
C201337		58.6	510	15.5	6.8	<0.001	0.01	0.24	17.9	0.7	0.2	8.8	0.01	0.04	2.1	0.008
C201338		21.9	610	11.4	16.7	<0.001	0.01	0.42	9.3	0.5	0.3	12.5	0.01	0.05	5.1	0.012
C201339		23.7	1000	17.2	19.5	<0.001	0.07	0.42	10.3	1.1	0.4	9.2	0.01	0.07	2.6	0.010
C201340		41.8	1150	36.1	14.4	<0.001	0.06	0.47	13.3	1.6	0.4	20.4	0.01	0.07	1.9	0.013
C201341		19.2	550	30.3	22.0	<0.001	0.05	0.71	5.6	0.8	0.5	10.3	0.01	0.07	2.4	0.020
C201342		59.0	1010	45.6	15.9	<0.001	0.06	0.34	28.7	1.9	0.4	17.7	0.01	0.07	2.5	0.012
C201343		35.0	660	79.6	9.4	<0.001	0.05	0.91	7.2	0.6	0.3	11.7	<0.01	0.07	6.4	0.011
C201344		35.7	600	27.1	18.9	<0.001	0.09	0.43	8.3	1.1	0.5	11.5	<0.01	0.08	2.4	0.011
C201345		57.2	870	31.4	13.4	<0.001	0.04	0.29	22.6	1.2	0.3	11.2	0.01	0.07	2.7	0.009
C201346		44.9	640	24.2	7.4	<0.001	0.03	0.24	12.5	0.8	0.2	7.8	0.01	0.06	2.8	0.009
C201347		18.1	380	38.4	8.7	<0.001	0.01	0.54	4.4	0.7	0.4	17.8	0.01	0.03	4.3	0.011
C201348		77.6	870	129.5	8.6	<0.001	0.04	2.81	5.3	1.9	0.2	15.2	0.01	0.26	9.1	0.013
C201349		16.4	560	14.4	13.7	<0.001	0.03	1.31	2.0	0.5	0.6	7.6	<0.01	0.06	4.4	0.020
C201350		27.9	1170	11.2	20.2	<0.001	0.07	0.69	9.6	1.8	0.3	18.9	0.01	0.13	5.0	0.011
C201351		29.9	1250	11.7	21.6	<0.001	0.07	0.73	10.3	1.9	0.3	20.4	0.01	0.14	5.2	0.011
C201352		162.0	600	14.3	7.5	<0.001	0.09	3.44	11.9	1.5	0.2	8.4	0.01	0.26	71.5	0.006
C201353		53.6	1180	14.3	9.8	<0.001	0.32	0.47	5.9	1.1	<0.2	42.6	0.01	0.06	17.9	0.007
C201354		28.6	2430	16.9	23.7	<0.001	0.16	0.82	4.6	1.9	0.4	18.1	0.01	0.08	4.2	0.013
C201355		9.7	710	10.8	15.1	<0.001	0.02	0.94	0.7	0.4	0.2	3.5	<0.01	0.04	3.1	<0.005
C201356		14.8	960	19.3	21.1	<0.001	0.03	0.86	1.4	0.9	0.4	5.6	0.01	0.06	7.6	0.009
C201357		13.4	720	11.4	11.1	<0.001	0.07	0.80	1.1	0.7	0.2	2.2	<0.01	0.04	12.6	0.006
C201358		13.8	430	14.9	17.9	0.001	0.04	0.68	2.0	0.7	0.5	6.3	<0.01	0.05	9.5	0.020
C201359		16.5	220	44.5	6.3	<0.001	0.01	0.37	1.0	0.2	<0.2	4.3	<0.01	0.03	16.2	<0.005
C201360		22.8	590	26.6	9.0	<0.001	0.05	0.92	2.6	0.9	0.2	6.4	<0.01	0.04	19.5	0.010
C201361		43.7	630	9.3	10.8	0.001	0.05	1.88	2.2	0.9	0.3	7.6	<0.01	0.09	9.2	0.025
C201362		22.3	310	32.9	11.0	<0.001	0.02	1.05	2.2	0.7	0.2	3.6	0.02	0.11	57.0	<0.005
C201363		20.7	540	39.0	13.4	<0.001	0.04	1.33	3.7	0.9	0.3	6.1	<0.01	0.11	47.6	0.014
C203004		35.3	590	17.1	10.0	0.001	0.06	1.05	1.1	0.5	0.2	3.9	<0.01	0.03	3.1	0.015
C203005		28.6	730	22.4	21.4	<0.001	0.06	0.67	5.3	0.8	0.5	6.6	<0.01	0.07	2.9	0.022

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 19-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06075584

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C201326		0.24	1.32	16	<0.05	20.10	33	4.0
C201327		0.21	1.02	16	0.06	22.80	41	7.4
C201328		0.27	1.21	23	<0.05	18.15	42	7.7
C201329		0.31	1.32	22	<0.05	22.40	33	5.5
C201330		0.27	1.24	19	0.05	24.00	39	5.3
C201331		0.28	1.26	20	0.05	24.10	39	5.3
C201332		0.20	1.65	15	<0.05	20.10	64	8.1
C201333		0.13	1.23	14	<0.05	20.60	45	3.6
C201334		0.17	0.96	19	0.05	24.00	77	3.1
C201335		0.08	0.70	10	<0.05	21.40	29	1.7
C201336		0.07	0.66	11	<0.05	17.80	105	2.9
C201337		0.12	0.18	112	<0.05	29.00	109	0.5
C201338		0.12	0.65	18	0.16	32.20	61	3.8
C201339		0.15	0.99	22	0.08	42.90	89	2.8
C201340		0.15	0.98	69	0.08	34.50	122	1.6
C201341		0.21	0.76	41	0.10	20.80	118	1.1
C201342		0.21	0.51	119	0.07	52.80	114	1.5
C201343		0.11	0.80	25	0.07	19.30	95	2.2
C201344		0.23	0.47	92	0.06	9.28	118	1.4
C201345		0.17	0.32	113	0.06	49.60	107	1.2
C201346		0.09	0.22	89	<0.05	20.90	100	1.1
C201347		0.20	1.35	37	0.13	12.60	56	1.6
C201348		0.13	12.60	24	0.19	32.50	246	1.4
C201349		0.13	2.01	43	0.21	3.63	56	<0.5
C201350		0.11	14.20	37	0.14	38.00	60	1.1
C201351		0.12	15.25	39	0.16	41.60	63	1.2
C201352		0.23	13.00	16	0.12	29.70	47	6.2
C201353		0.30	6.12	13	0.11	46.50	94	2.6
C201354		0.27	26.50	29	0.15	27.20	61	1.3
C201355		0.06	2.20	7	0.05	2.60	17	<0.5
C201356		0.18	4.05	22	0.14	5.37	43	0.8
C201357		0.09	2.16	12	0.08	2.66	29	1.4
C201358		0.18	1.69	38	0.18	4.43	50	0.9
C201359		0.05	1.31	7	<0.05	3.76	50	<0.5
C201360		0.13	3.28	18	0.07	11.30	81	1.1
C201361		0.14	5.51	26	0.15	12.10	45	0.8
C201362		0.09	9.00	9	0.37	17.00	48	9.8
C201363		0.16	8.06	21	0.09	16.90	55	6.1
C203004		0.19	0.91	23	0.05	3.31	46	0.6
C203005		0.18	0.82	49	0.09	22.30	86	1.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C203006		0.56	<0.005	0.12	2.04	7.0	<10	50	1.31	0.44	0.28	0.13	35.60	24.5	120	6.22
C203007		0.50	<0.005	0.11	1.65	8.7	<10	80	1.73	0.38	0.41	0.32	51.00	13.7	21	2.66
C203008		0.60	<0.005	0.23	2.72	8.9	10	60	1.93	0.40	0.34	0.25	43.60	16.0	30	4.48
C203009		0.74	<0.005	0.07	0.99	4.1	<10	30	1.65	0.29	2.63	0.05	48.10	13.8	16	3.34
C203010		0.06	<0.005	0.02	0.01	0.6	<10	<10	<0.05	0.02	0.01	0.03	1.41	0.1	<1	<0.05
C203011		0.60	<0.005	0.12	1.32	7.5	<10	50	1.77	0.43	0.56	0.08	47.50	23.3	21	4.19
C203012		0.70	<0.005	0.12	2.13	9.6	<10	40	1.80	0.58	0.12	0.03	50.00	37.0	77	4.92
C203013		0.74	<0.005	0.11	2.34	9.7	<10	50	1.81	0.40	0.20	0.05	59.50	44.2	123	7.82
C203014		0.58	<0.005	0.15	1.60	9.6	<10	80	1.58	0.35	0.29	0.38	61.80	14.6	24	2.21
C203015		0.70	<0.005	0.12	1.82	8.7	<10	60	1.34	0.40	0.07	0.08	48.40	30.4	31	4.08
C203016		0.68	<0.005	0.07	1.64	10.3	<10	40	1.20	0.43	0.03	0.09	53.30	29.7	22	2.76
C203017		0.62	0.005	0.12	2.03	7.7	<10	50	1.26	0.39	0.20	0.23	48.40	30.6	129	13.90
C203018		0.44	<0.005	0.05	1.38	7.1	<10	90	1.27	0.53	0.22	0.20	39.20	13.2	19	3.34
C203019		0.42	<0.005	0.11	1.79	5.6	10	30	1.28	0.30	0.42	0.08	40.50	12.0	25	3.83
C203020		0.50	<0.005	0.05	1.29	8.1	<10	60	0.88	0.37	0.08	0.21	36.80	11.2	17	1.86
C203021		0.52	<0.005	0.07	1.40	8.8	<10	40	1.06	0.33	0.06	0.09	42.20	20.6	16	1.68
C203022		0.64	<0.005	0.08	1.75	8.3	<10	60	1.62	0.67	0.08	0.06	40.00	29.9	17	3.54
C203023		0.62	<0.005	0.10	1.17	8.6	<10	40	1.11	0.83	0.15	0.05	51.40	18.2	15	1.68
C203024		0.44	<0.005	0.06	1.60	8.8	<10	110	1.14	0.32	0.50	0.30	55.00	9.2	19	1.82
C203025		0.48	<0.005	0.08	1.69	7.1	<10	240	1.00	0.29	0.66	0.31	41.30	13.8	21	1.22
C203026		0.54	<0.005	0.25	1.42	18.1	<10	90	0.89	0.30	0.96	0.36	55.00	23.1	18	1.49
C203027		0.48	<0.005	0.08	1.43	8.3	<10	150	0.99	0.31	0.75	0.32	39.30	11.8	17	1.65
C203028		0.56	<0.005	0.05	2.71	6.0	<10	200	0.82	0.30	0.24	0.32	36.30	32.7	46	3.63
C203036		0.46	<0.005	0.10	2.71	5.2	<10	280	0.86	0.28	0.61	0.27	26.50	23.4	45	3.34
C203037		0.66	<0.005	0.11	2.40	4.8	<10	140	0.63	0.25	0.29	0.24	37.00	27.2	42	2.17
C203038		0.48	<0.005	0.08	2.42	9.6	<10	200	1.32	0.33	0.33	0.42	59.00	17.3	31	1.83
C203039		0.48	<0.005	0.10	1.74	5.5	<10	160	0.43	0.26	0.49	0.32	25.70	15.2	30	1.43
C203040		0.58	<0.005	0.67	1.35	15.7	<10	160	0.98	1.02	2.80	0.37	30.00	16.1	14	0.93
C203041		0.56	0.027	0.19	1.04	16.3	<10	2100	0.63	1.49	1.10	0.29	118.50	53.7	19	0.84
C203042		0.68	0.005	0.58	1.09	34.2	<10	340	1.38	2.40	0.21	0.79	25.80	54.8	14	1.40
C203043		0.56	0.018	0.09	0.76	15.9	<10	2630	0.98	0.87	0.70	0.21	49.10	60.6	11	0.91
C203044		0.50	0.090	0.16	1.26	9.5	<10	470	1.43	0.43	1.10	0.22	40.00	28.2	21	1.17
C203045		0.92	0.015	0.40	0.82	196.5	<10	60	1.59	10.65	0.05	0.16	50.70	209.0	10	1.65
C203046		0.74	<0.005	0.08	0.32	1.9	<10	120	0.45	0.60	0.04	0.09	181.50	14.5	4	1.16
C203047		0.84	<0.005	0.07	0.96	6.7	<10	80	0.76	0.76	0.02	0.07	105.50	14.7	7	1.97
C203048		0.86	<0.005	0.07	1.22	16.1	<10	50	1.78	0.62	0.04	0.12	36.50	60.9	16	2.71
C203049		0.66	0.005	0.11	1.52	17.3	<10	90	1.56	0.66	0.04	0.13	29.60	48.9	17	3.45
C203050		0.52	<0.005	0.10	1.43	16.4	<10	70	1.51	0.70	0.03	0.11	28.80	43.6	14	3.45
C203051		0.50	<0.005	0.05	1.74	12.2	<10	50	1.22	0.56	0.03	0.09	59.60	27.6	18	3.74
C203201		0.64	<0.005	0.04	0.61	11.6	<10	90	0.93	1.22	0.09	0.02	127.50	18.9	7	1.70

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 19-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06075584

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C203006		53.4	4.06	6.78	0.10	0.07	0.02	0.052	0.16	17.5	22.1	1.94	976	0.88	0.01	0.43
C203007		29.9	3.28	5.43	0.14	0.12	0.03	0.052	0.18	26.3	48.7	1.59	1540	1.16	0.01	0.28
C203008		28.8	3.72	7.59	0.19	0.19	0.04	0.056	0.18	23.3	71.0	3.88	1470	0.80	0.01	0.30
C203009		35.1	1.59	3.12	0.08	0.25	0.02	0.025	0.22	22.8	23.5	2.20	605	0.46	0.01	<0.05
C203010		1.0	0.02	0.05	<0.05	0.03	<0.01	<0.005	<0.01	0.7	0.1	0.01	<5	0.05	<0.01	<0.05
C203011		48.4	2.39	4.03	0.09	0.20	0.02	0.030	0.23	24.3	21.0	1.25	613	0.81	0.01	<0.05
C203012		105.0	3.73	6.26	0.09	0.07	0.02	0.036	0.14	24.1	35.2	1.76	643	0.94	0.01	0.06
C203013		128.0	4.12	7.47	0.13	0.07	0.01	0.030	0.12	28.8	29.2	2.05	539	1.00	0.01	0.27
C203014		44.0	4.03	4.42	0.13	0.08	0.06	0.057	0.13	31.9	32.3	0.95	1830	1.10	0.01	0.39
C203015		91.7	2.97	4.60	0.09	0.04	0.04	0.029	0.13	25.0	31.6	0.95	748	1.33	0.01	0.29
C203016		95.4	2.84	4.35	0.08	0.05	0.02	0.021	0.10	25.2	28.7	0.73	365	1.42	0.01	0.36
C203017		89.6	3.86	6.99	0.11	0.04	0.02	0.062	0.19	23.1	22.8	1.82	740	0.80	0.01	0.73
C203018		18.6	3.38	5.21	0.09	0.04	0.05	0.060	0.20	18.4	23.4	0.74	1325	0.71	0.01	0.30
C203019		27.4	3.28	5.64	0.15	0.12	0.03	0.038	0.38	21.2	45.1	1.78	738	0.41	0.01	0.24
C203020		36.4	2.89	3.86	0.06	0.02	0.02	0.032	0.12	15.8	22.6	0.67	660	0.89	0.01	0.30
C203021		78.4	2.75	3.45	0.08	0.06	0.04	0.028	0.10	21.0	23.3	0.73	461	1.16	0.01	0.37
C203022		114.5	2.88	4.24	0.07	0.04	0.01	0.033	0.14	20.1	33.0	0.90	674	1.41	<0.01	0.15
C203023		37.0	2.42	3.38	0.10	0.09	0.02	0.037	0.17	25.8	26.0	1.06	1055	0.83	0.01	0.09
C203024		26.9	4.43	4.22	0.10	0.06	0.04	0.062	0.13	27.6	26.7	0.93	1695	1.31	0.02	0.30
C203025		33.9	4.37	5.86	0.10	0.07	0.06	0.062	0.09	20.2	17.8	0.93	1430	0.52	0.01	0.21
C203026		52.4	5.91	4.08	0.13	0.12	0.09	0.062	0.09	24.3	18.7	1.36	2270	0.93	0.01	0.35
C203027		18.4	3.54	4.13	0.09	0.05	0.06	0.053	0.12	18.3	25.2	0.89	2200	0.62	0.01	0.31
C203028		87.4	5.54	10.10	0.10	0.06	0.04	0.052	0.10	14.5	27.9	1.78	1675	1.04	0.01	0.46
C203036		86.3	5.15	9.08	0.11	0.09	0.05	0.053	0.10	14.9	24.4	1.87	1150	1.11	0.01	0.43
C203037		104.5	4.80	8.32	0.11	0.08	0.05	0.037	0.08	18.9	25.4	2.01	725	0.72	0.01	0.34
C203038		56.6	4.84	6.34	0.11	0.08	0.06	0.061	0.09	20.1	23.0	0.96	2040	0.97	0.01	0.49
C203039		46.4	3.86	7.26	0.07	0.04	0.06	0.033	0.09	11.7	17.4	1.02	847	0.90	0.01	0.52
C203040		45.0	6.04	3.53	<0.05	0.08	0.08	0.135	0.08	14.7	11.6	1.81	4780	2.65	0.01	0.31
C203041		142.0	3.93	3.87	0.06	0.09	0.06	0.111	0.09	56.0	7.8	0.36	3930	7.19	0.01	0.30
C203042		949.0	7.53	3.26	<0.05	0.06	0.09	0.197	0.06	11.6	7.1	0.22	4760	3.47	<0.01	0.26
C203043		117.5	5.88	2.25	<0.05	0.10	0.11	0.100	0.07	29.8	3.7	0.20	6660	9.62	0.01	0.19
C203044		24.4	5.72	3.58	<0.05	0.13	0.06	0.163	0.10	20.9	9.8	0.60	6080	19.00	0.01	0.43
C203045		678.0	6.48	2.74	0.06	0.18	0.03	0.080	0.07	25.2	7.8	0.26	2710	23.20	0.02	0.06
C203046		24.9	2.48	1.63	0.11	0.14	0.01	0.015	0.11	79.4	2.5	0.05	1775	1.13	<0.01	0.88
C203047		27.3	2.43	2.75	0.05	0.03	0.01	0.017	0.14	47.9	10.6	0.13	727	0.80	<0.01	0.30
C203048		140.5	3.37	3.16	<0.05	0.14	0.01	0.047	0.05	17.7	27.1	0.35	1540	1.32	<0.01	<0.05
C203049		151.0	3.74	4.14	<0.05	0.03	0.07	0.053	0.08	13.7	17.0	0.29	1960	1.92	<0.01	0.52
C203050		154.0	3.18	3.46	<0.05	0.03	0.04	0.057	0.08	13.9	14.6	0.27	1580	1.49	<0.01	0.38
C203051		11.1	3.66	4.44	0.05	0.12	0.03	0.018	0.14	29.3	35.4	0.30	514	0.83	<0.01	0.31
C203201		52.6	2.63	2.05	0.09	0.03	0.01	0.023	0.11	58.2	5.9	0.10	949	1.07	<0.01	0.77

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 19-SEP-2006
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CERTIFICATE OF ANALYSIS VA06075584

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C203006		127.5	570	19.4	19.4	<0.001	0.05	0.67	6.2	0.6	0.4	4.8	<0.01	0.03	7.0	0.035
C203007		23.1	1050	30.5	19.5	<0.001	0.07	0.85	5.0	1.2	0.4	5.6	<0.01	0.06	3.3	0.014
C203008		23.3	770	36.5	17.2	0.001	0.05	0.78	8.1	0.8	0.5	5.7	<0.01	0.05	6.8	0.015
C203009		16.4	230	15.3	17.0	<0.001	0.03	0.68	3.5	<0.2	0.3	16.9	<0.01	0.02	13.5	<0.005
C203010		0.3	10	1.1	0.1	0.001	0.02	<0.05	0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.3	<0.005
C203011		25.7	320	21.7	17.9	0.001	0.06	0.94	3.9	0.4	0.3	4.9	<0.01	0.03	16.4	0.005
C203012		114.5	380	12.7	13.0	<0.001	0.02	0.76	5.0	0.5	0.2	2.8	<0.01	0.03	18.0	0.012
C203013		162.0	450	19.7	15.5	<0.001	0.03	0.70	7.3	0.5	0.3	4.8	<0.01	0.03	14.1	0.060
C203014		30.4	930	23.6	16.5	<0.001	0.06	0.78	5.2	1.3	0.4	6.5	<0.01	0.06	2.6	0.018
C203015		53.0	440	16.4	12.9	<0.001	0.05	1.00	2.1	0.4	0.2	4.0	<0.01	0.03	9.4	0.010
C203016		47.0	390	11.9	11.4	<0.001	0.04	0.96	1.7	0.5	0.2	3.6	<0.01	0.03	10.5	0.011
C203017		157.5	470	22.3	27.9	<0.001	0.05	0.83	7.4	0.5	0.3	5.3	<0.01	0.02	8.5	0.072
C203018		14.5	1050	14.8	24.8	<0.001	0.08	0.66	3.1	0.5	0.4	5.4	<0.01	0.05	3.5	0.016
C203019		19.5	700	15.9	33.9	<0.001	0.08	0.52	5.5	0.7	0.4	4.0	<0.01	0.04	4.3	0.021
C203020		18.8	740	12.9	11.8	<0.001	0.08	0.90	1.5	0.4	0.3	4.1	<0.01	0.04	2.2	0.014
C203021		31.1	390	11.5	10.5	<0.001	0.06	1.01	2.3	0.5	0.2	4.2	<0.01	0.03	6.2	0.013
C203022		35.6	500	13.0	14.6	<0.001	0.05	1.41	1.8	0.3	0.2	2.7	<0.01	0.03	11.0	<0.005
C203023		20.9	380	6.6	11.8	<0.001	0.06	1.32	3.4	0.3	0.2	3.2	<0.01	0.03	11.4	0.007
C203024		20.4	1050	20.6	17.0	<0.001	0.09	0.94	3.3	1.1	0.4	6.0	<0.01	0.06	1.4	0.014
C203025		18.3	1260	29.0	11.3	0.001	0.10	0.56	5.9	0.8	0.4	11.2	<0.01	0.05	1.0	0.008
C203026		31.1	490	46.6	7.7	<0.001	0.05	0.87	9.9	1.2	0.3	11.4	<0.01	0.05	3.1	0.016
C203027		18.0	810	37.0	14.6	<0.001	0.08	0.74	3.6	0.8	0.3	8.5	<0.01	0.05	1.2	0.013
C203028		38.2	1030	25.1	14.4	0.001	0.08	0.51	8.4	0.8	0.4	9.1	<0.01	0.06	2.0	0.016
C203036		38.0	1060	23.6	13.2	<0.001	0.12	0.43	10.4	1.2	0.4	17.2	<0.01	0.05	1.7	0.017
C203037		42.6	690	15.4	6.8	<0.001	0.05	0.36	10.0	0.7	0.3	13.4	<0.01	0.05	3.2	0.022
C203038		25.7	1470	38.0	11.5	<0.001	0.13	0.49	5.8	1.1	0.4	12.5	<0.01	0.05	1.3	0.017
C203039		24.2	790	16.4	10.6	<0.001	0.12	0.45	4.8	0.6	0.4	15.4	<0.01	0.05	1.4	0.016
C203040		28.8	750	57.8	9.7	0.001	0.09	1.22	4.7	0.8	0.3	8.1	0.01	0.05	3.1	0.012
C203041		40.7	1070	18.4	11.4	<0.001	0.13	0.85	6.3	1.4	0.4	33.8	0.01	0.08	4.2	0.020
C203042		50.0	980	118.5	8.7	<0.001	0.05	2.01	8.4	0.9	0.3	8.8	0.01	0.08	7.8	0.012
C203043		33.7	1220	13.0	10.9	0.001	0.11	0.99	4.8	1.4	0.3	35.7	0.01	0.12	4.7	0.015
C203044		45.0	950	10.3	10.1	0.001	0.09	1.24	6.1	1.1	0.5	21.6	0.01	0.10	4.9	0.032
C203045		193.0	790	25.4	5.6	<0.001	0.13	2.31	9.4	1.0	0.2	14.7	<0.01	0.16	36.7	<0.005
C203046		11.8	220	21.4	9.4	<0.001	0.01	0.40	1.8	0.3	<0.2	9.2	0.03	0.03	40.5	<0.005
C203047		14.5	300	5.1	15.8	<0.001	0.01	0.63	2.2	0.2	0.3	6.8	<0.01	0.02	25.5	0.006
C203048		24.4	270	40.0	5.0	<0.001	0.02	0.88	2.1	0.3	<0.2	4.4	<0.01	0.02	29.6	<0.005
C203049		24.5	780	27.7	12.4	<0.001	0.05	1.01	2.5	1.0	0.4	6.1	<0.01	0.05	11.3	0.015
C203050		22.8	630	23.0	10.3	<0.001	0.04	0.95	2.2	0.8	0.4	4.6	<0.01	0.04	15.6	0.011
C203051		16.1	370	11.7	16.1	<0.001	0.02	0.98	2.2	0.4	0.3	3.5	<0.01	0.02	42.3	0.007
C203201		15.5	260	6.6	10.8	<0.001	0.02	0.73	2.1	0.2	0.2	14.3	0.01	0.03	20.2	0.005

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 19-SEP-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06075584

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C203006		0.16	0.95	66	<0.05	8.40	71	1.5
C203007		0.19	0.83	36	0.06	28.80	82	1.8
C203008		0.18	0.85	31	0.07	22.00	92	4.1
C203009		0.10	1.23	9	<0.05	9.44	26	8.9
C203010		<0.02	0.33	<1	<0.05	0.75	5	0.8
C203011		0.14	1.72	12	<0.05	10.05	42	8.2
C203012		0.09	1.96	44	<0.05	7.35	36	2.1
C203013		0.15	1.57	69	<0.05	7.15	56	2.0
C203014		0.24	1.10	38	0.07	32.50	88	1.2
C203015		0.26	0.92	24	<0.05	4.41	44	0.7
C203016		0.16	0.93	20	0.05	3.71	41	1.0
C203017		0.28	0.91	72	<0.05	7.15	199	0.6
C203018		0.17	0.62	25	0.07	7.24	50	0.6
C203019		0.17	0.60	20	0.05	17.00	39	2.2
C203020		0.09	0.63	25	0.05	5.48	55	<0.5
C203021		0.21	1.24	22	0.06	8.50	49	1.3
C203022		0.18	1.18	14	<0.05	5.42	35	0.8
C203023		0.10	0.66	12	<0.05	9.73	19	2.9
C203024		0.20	0.82	42	0.07	26.40	92	0.7
C203025		0.13	0.47	47	0.05	20.00	101	1.1
C203026		0.15	0.48	39	0.08	29.50	108	2.0
C203027		0.13	0.65	28	0.06	14.80	128	0.9
C203028		0.15	0.35	92	0.07	10.60	92	1.0
C203036		0.14	0.47	81	0.06	16.85	92	1.7
C203037		0.08	0.37	75	0.07	16.20	85	1.6
C203038		0.13	0.75	54	0.15	20.30	113	1.0
C203039		0.11	0.36	66	0.07	6.04	63	0.7
C203040		0.32	1.50	51	0.13	20.30	90	1.6
C203041		1.72	4.96	47	0.38	38.60	131	1.0
C203042		0.15	4.51	34	0.10	20.00	265	0.6
C203043		0.07	10.20	22	0.18	29.80	54	1.4
C203044		0.13	6.09	37	0.42	22.80	67	3.0
C203045		0.13	18.90	21	0.08	15.45	82	9.6
C203046		0.09	6.29	5	0.17	13.10	39	5.3
C203047		0.09	2.40	11	<0.05	4.85	21	0.8
C203048		0.09	2.32	9	<0.05	6.41	81	6.5
C203049		0.15	3.10	29	0.10	6.62	79	0.6
C203050		0.12	3.06	20	0.06	5.45	67	0.8
C203051		0.09	3.61	18	<0.05	6.94	46	4.3
C203201		0.07	3.14	10	0.22	8.62	16	0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 25-AUG-2006
Account: EIA

CERTIFICATE VA06065022

Project: Werneckes

P.O. No.: FRG06-01

This report is for 151 Soil samples submitted to our lab in Vancouver, BC, Canada on 10-JUL-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	50 element aqua regia ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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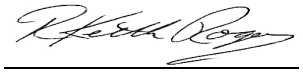
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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CERTIFICATE OF ANALYSIS VA06065022

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C202171		0.54	0.079	1.15	1.12	341.0	<10	530	0.94	6.74	0.32	0.42	62.70	349.0	11	0.67
C202172		0.24	0.016	0.39	0.70	22.0	<10	300	0.23	0.98	0.13	0.29	19.80	54.6	11	0.81
C202173		0.32	NSS	0.09	0.65	8.7	<10	550	0.37	0.59	0.64	0.25	18.90	27.0	11	1.00
C202174		0.32	0.013	0.09	1.14	18.4	<10	40	0.29	0.72	0.02	0.06	78.20	8.3	17	1.36
C202175		0.44	<0.005	0.05	1.96	53.5	<10	80	0.88	0.98	0.04	0.09	43.10	14.0	25	2.08
C202176		0.44	0.026	0.07	1.73	37.6	<10	100	0.68	0.82	0.05	0.13	33.70	15.6	25	1.72
C202177		0.38	<0.005	0.09	2.62	30.2	<10	100	1.18	0.78	0.05	0.19	42.20	31.2	30	1.52
C202178		0.32	0.015	0.13	1.12	26.6	<10	120	0.62	0.76	0.07	0.45	42.80	15.0	15	0.93
C202179		0.42	0.007	0.08	0.59	14.2	<10	140	0.22	0.55	0.15	0.22	42.40	11.3	14	1.05
C202180		0.48	0.005	0.08	2.12	16.4	<10	130	0.88	0.57	0.07	0.10	38.10	16.5	28	1.64
C202181		0.36	0.019	0.07	1.43	51.5	<10	260	1.04	0.69	0.42	0.16	35.60	38.3	19	1.00
C202182		0.64	0.287	0.59	2.05	557.0	<10	160	1.40	2.43	0.55	0.12	46.20	1080.0	20	1.23
C202183		0.34	<0.005	0.15	1.39	9.0	<10	330	0.63	0.46	1.08	0.29	53.80	13.5	18	1.91
C202184		0.32	<0.005	0.10	1.38	8.1	<10	1030	0.60	0.61	0.67	0.21	46.10	14.8	18	1.75
C202185		0.44	<0.005	0.08	1.12	6.9	<10	190	0.48	0.45	0.72	0.19	45.80	11.2	18	1.80
C202186		0.32	0.006	0.18	0.67	4.1	<10	270	0.75	0.27	2.10	0.43	110.00	11.2	7	0.85
C202187		0.36	<0.005	0.06	1.02	7.1	<10	160	0.44	0.50	0.45	0.25	31.80	10.3	15	1.48
C202188		0.38	<0.005	0.05	1.77	8.9	<10	140	0.73	0.68	0.09	0.17	79.60	11.1	23	1.49
C202189		0.58	<0.005	0.87	0.89	3.8	<10	80	0.86	0.87	0.27	0.48	157.00	14.3	18	3.34
C202190		0.48	<0.005	0.05	1.24	5.1	<10	110	1.05	0.51	0.52	0.19	121.00	14.0	18	7.34
C202191		0.46	<0.005	0.05	1.28	5.3	<10	110	0.99	0.52	0.51	0.17	117.50	13.6	18	6.98
C202192		0.44	<0.005	0.04	1.31	4.8	<10	180	0.69	1.00	0.40	0.12	140.50	15.1	15	4.17
C202193		0.42	<0.005	0.06	1.30	9.3	<10	130	0.73	0.78	0.25	0.18	152.00	17.4	16	3.43
C202194		0.46	<0.005	0.05	1.07	5.9	<10	150	0.60	0.93	0.25	0.11	193.50	14.0	13	3.71
C202195		0.30	<0.005	0.07	0.47	5.8	<10	290	0.18	0.51	0.34	0.19	28.10	6.1	8	1.58
C202196		0.48	<0.005	0.03	1.36	3.9	<10	210	0.47	1.02	0.25	0.08	142.50	12.4	16	6.17
C202197		0.40	<0.005	0.14	0.56	9.2	<10	90	0.22	0.52	0.09	0.15	32.40	7.4	11	1.32
C202198		0.38	<0.005	0.04	0.92	5.1	<10	200	0.40	1.20	0.37	0.19	49.90	9.7	14	2.62
C202199		0.42	<0.005	0.57	0.89	32.5	10	170	0.75	0.45	4.51	1.42	26.60	8.1	13	0.74
C202200		0.40	<0.005	0.79	1.52	40.4	<10	180	0.96	0.75	1.27	1.22	33.50	11.5	36	1.06
C202201		0.52	<0.005	0.39	1.32	22.0	<10	130	0.71	0.36	5.17	0.90	27.20	8.2	20	0.77
C202202		0.56	<0.005	0.18	1.44	13.0	<10	130	0.82	0.35	1.41	0.65	39.60	10.4	20	0.71
C202203		0.46	<0.005	0.40	1.98	45.7	<10	70	0.92	0.51	1.07	1.98	27.70	21.7	196	3.50
C202204		0.50	<0.005	0.76	1.52	24.8	<10	140	1.04	0.65	0.99	1.32	35.50	14.2	108	2.74
C202205		0.64	<0.005	1.00	1.60	28.2	10	150	1.02	1.20	2.66	0.92	39.30	15.8	114	2.30
C202206		0.62	<0.005	4.22	0.67	80.4	<10	110	0.43	2.39	9.45	2.51	17.15	8.7	13	0.72
C202207		0.54	<0.005	0.70	1.33	24.5	<10	210	1.11	0.43	1.71	0.74	34.30	15.7	22	1.46
C202208		0.44	<0.005	0.19	2.10	4.5	<10	60	0.88	0.27	0.39	1.18	49.30	12.2	34	5.86
C202209		0.40	<0.005	0.02	0.51	1.5	<10	60	0.14	0.23	0.14	0.18	25.80	2.9	12	5.88
C202210		0.52	<0.005	0.03	1.86	3.3	<10	90	0.69	0.36	0.42	0.13	36.10	9.2	29	8.52

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 25-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065022

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C202171		599.0	13.85	5.35	0.20	0.13	0.16	0.513	0.22	41.4	15.2	0.71	12950	82.90	0.01	0.54
C202172		43.6	3.93	5.08	0.05	<0.02	0.17	0.122	0.06	9.5	4.2	0.19	6310	8.33	0.01	0.30
C202173		25.7	2.30	3.54	<0.05	0.03	0.15	0.038	0.08	8.7	7.9	0.44	4330	3.57	0.01	0.22
C202174		29.8	3.73	8.54	0.10	<0.02	0.05	0.028	0.04	39.0	5.3	0.16	336	3.41	<0.01	0.44
C202175		73.3	4.64	7.50	0.07	0.02	0.05	0.059	0.07	20.5	20.6	0.50	707	3.44	0.01	0.98
C202176		50.4	4.08	5.94	0.05	<0.02	0.04	0.042	0.08	16.4	16.0	0.45	568	2.83	0.01	0.71
C202177		75.5	4.94	6.43	0.07	0.05	0.11	0.063	0.09	18.4	35.3	0.58	943	2.53	0.01	1.00
C202178		39.0	3.61	5.28	0.06	0.02	0.14	0.053	0.09	20.2	6.8	0.22	1555	2.29	0.01	0.71
C202179		22.9	3.20	7.10	0.06	<0.02	0.06	0.024	0.07	22.1	3.9	0.23	887	2.81	0.01	0.39
C202180		28.9	3.74	7.23	0.06	<0.02	0.05	0.039	0.08	18.5	24.8	0.88	567	1.92	0.01	0.63
C202181		73.7	3.58	4.60	0.07	0.04	0.05	0.048	0.06	16.6	21.9	1.01	1595	4.81	0.01	0.38
C202182		3190.0	14.35	7.09	0.22	0.11	0.03	0.119	0.06	25.7	28.6	1.59	5170	18.60	0.01	0.40
C202183		107.0	2.75	4.14	0.12	0.06	0.07	0.033	0.07	73.2	21.1	0.70	1230	0.88	0.01	0.40
C202184		128.0	2.97	4.54	0.09	0.04	0.07	0.035	0.06	43.6	16.9	0.44	1785	1.94	0.01	0.53
C202185		52.2	2.65	3.59	0.07	0.04	0.05	0.024	0.06	24.8	17.9	0.60	942	0.71	0.01	0.37
C202186		102.5	1.12	2.25	0.18	0.08	0.12	0.021	0.04	150.0	4.3	0.23	2000	0.77	0.01	0.24
C202187		27.6	2.53	3.93	0.05	0.03	0.04	0.027	0.06	18.5	15.4	0.37	936	1.01	0.01	0.53
C202188		27.3	3.29	4.74	0.06	0.03	0.05	0.035	0.05	19.7	19.2	0.35	943	1.26	<0.01	0.70
C202189		146.0	3.80	3.16	0.17	0.05	0.02	0.015	0.09	55.4	15.8	0.62	1565	1.12	0.02	0.16
C202190		15.2	2.95	4.24	0.16	0.06	0.10	0.020	0.09	54.8	23.2	0.76	1745	0.54	0.02	0.28
C202191		14.6	2.87	4.13	0.15	0.06	0.04	0.018	0.10	54.4	22.8	0.79	1770	0.53	0.02	0.24
C202192		158.5	2.40	4.17	0.18	0.07	0.03	0.020	0.10	74.6	19.6	0.80	1805	0.83	0.02	0.28
C202193		103.0	2.82	4.25	0.19	0.06	0.06	0.020	0.10	74.4	20.5	0.73	1730	1.10	0.02	0.46
C202194		94.1	2.41	3.64	0.22	0.06	0.04	0.015	0.09	91.0	16.8	0.67	1270	0.88	0.01	0.23
C202195		35.7	1.41	2.83	0.06	0.02	0.03	0.010	0.06	19.8	3.7	0.10	374	1.54	0.02	0.52
C202196		87.9	2.54	3.98	0.13	0.03	0.03	0.013	0.12	47.0	21.5	0.72	1210	0.62	0.02	0.33
C202197		36.3	2.13	2.87	0.05	<0.02	0.04	0.013	0.05	10.8	4.4	0.13	756	1.34	0.01	0.36
C202198		45.0	2.50	3.90	0.07	<0.02	0.05	0.017	0.08	21.4	12.0	0.37	940	1.44	0.01	0.52
C202199		37.6	3.71	2.01	0.07	0.06	0.18	0.081	0.06	12.0	7.6	2.39	3370	6.47	0.02	0.18
C202200		53.0	5.67	3.59	0.11	0.07	0.22	0.112	0.09	16.4	13.4	0.86	3630	5.61	0.01	0.28
C202201		31.9	3.38	2.95	0.07	0.08	0.06	0.047	0.10	13.1	13.0	3.39	1280	3.65	0.02	0.30
C202202		23.3	3.87	3.37	0.08	0.08	0.06	0.046	0.10	17.4	18.4	1.02	1420	2.51	0.01	0.33
C202203		75.0	3.88	4.87	0.10	0.12	0.16	0.071	0.10	12.8	17.0	1.97	475	10.45	0.02	0.53
C202204		67.7	4.02	3.79	0.09	0.10	0.21	0.075	0.12	17.2	14.4	1.13	1480	5.71	0.01	0.37
C202205		64.8	3.53	4.10	0.09	0.13	0.26	0.089	0.14	18.6	18.6	2.48	992	6.41	0.01	0.39
C202206		32.2	7.21	1.54	0.11	0.06	0.26	0.076	0.07	8.4	8.6	5.74	1875	6.84	0.02	0.16
C202207		61.9	4.35	3.08	0.09	0.10	0.14	0.063	0.11	15.5	15.8	1.48	2300	1.91	0.01	0.28
C202208		23.6	2.92	5.87	0.08	0.03	0.67	0.032	0.10	20.2	34.2	0.96	1345	0.40	0.02	2.60
C202209		4.3	1.11	3.58	<0.05	<0.02	0.04	0.010	0.07	11.4	4.4	0.15	344	0.56	0.01	1.10
C202210		10.9	2.48	7.10	0.06	0.02	0.03	0.024	0.12	16.2	29.9	0.69	1065	0.53	0.01	2.49

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06065022

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C202171		108.5	1350	45.1	17.2	0.003	0.58	2.32	9.4	3.4	0.7	9.7	0.01	0.98	14.1	0.009
C202172		12.9	1170	12.0	9.0	<0.001	0.18	0.87	2.1	1.0	0.6	5.1	<0.01	0.17	1.0	0.018
C202173		18.7	1740	11.0	16.4	<0.001	0.18	0.89	2.6	1.0	0.3	8.9	<0.01	0.11	1.9	0.019
C202174		9.5	890	6.7	10.4	<0.001	0.06	0.61	1.3	0.7	0.6	3.1	<0.01	0.09	2.1	0.013
C202175		22.2	500	13.6	15.2	<0.001	0.04	0.83	2.7	0.7	0.7	6.3	<0.01	0.11	4.7	0.029
C202176		18.3	800	10.2	12.8	<0.001	0.06	0.66	1.6	0.5	0.5	5.3	<0.01	0.09	1.7	0.027
C202177		38.0	810	12.0	14.6	<0.001	0.05	0.85	2.8	0.9	0.5	6.6	<0.01	0.09	6.4	0.028
C202178		14.3	830	8.3	14.0	<0.001	0.07	0.78	1.8	0.6	0.4	5.4	<0.01	0.07	3.2	0.021
C202179		9.7	770	5.7	18.3	<0.001	0.08	0.79	1.5	0.4	0.7	5.1	<0.01	0.09	1.1	0.032
C202180		26.1	690	7.9	19.1	<0.001	0.05	0.66	2.0	0.5	0.7	7.5	<0.01	0.07	1.3	0.034
C202181		31.5	960	5.8	10.6	<0.001	0.09	0.69	2.7	0.7	0.3	9.4	<0.01	0.14	2.6	0.026
C202182		144.5	1190	17.4	14.0	0.001	0.46	2.61	33.4	6.7	0.4	6.4	0.01	0.90	17.2	0.028
C202183		25.0	1070	14.0	23.0	<0.001	0.10	0.79	3.5	1.0	0.3	21.7	0.01	0.05	3.1	0.029
C202184		19.8	800	18.8	18.8	<0.001	0.10	0.51	3.6	0.7	0.4	19.8	<0.01	0.05	2.8	0.022
C202185		22.8	780	12.2	19.0	<0.001	0.06	0.48	2.9	0.6	0.2	17.5	<0.01	0.04	3.7	0.029
C202186		12.6	1820	13.4	11.2	0.001	0.25	0.54	1.6	1.5	0.2	40.1	0.01	0.04	1.2	0.010
C202187		14.6	660	14.8	16.2	<0.001	0.06	0.42	2.0	0.5	0.3	13.4	<0.01	0.05	3.3	0.019
C202188		23.1	660	17.8	13.8	<0.001	0.04	0.53	2.3	0.5	0.4	7.4	0.01	0.04	2.8	0.024
C202189		28.9	660	204.0	19.1	<0.001	0.02	0.75	1.8	0.6	0.2	9.3	0.01	0.06	16.5	0.017
C202190		30.9	710	32.2	27.1	0.001	0.05	0.66	2.1	0.9	0.4	17.8	0.01	0.06	5.7	0.039
C202191		29.3	740	31.8	26.6	0.001	0.02	0.64	2.1	0.9	0.3	16.7	0.01	0.07	5.4	0.040
C202192		32.3	840	21.1	24.6	0.001	0.04	0.67	2.4	0.8	0.3	14.4	0.01	0.08	8.9	0.036
C202193		32.3	590	31.2	23.9	<0.001	0.04	0.91	2.8	0.6	0.4	11.0	0.01	0.08	13.0	0.035
C202194		27.7	690	20.9	22.9	<0.001	0.05	0.68	1.9	0.7	0.2	8.9	0.01	0.05	9.4	0.033
C202195		7.8	520	6.7	14.4	<0.001	0.03	0.54	1.1	0.4	0.6	10.9	<0.01	0.06	1.0	0.012
C202196		24.4	660	19.0	30.4	<0.001	0.02	0.55	2.0	0.4	0.3	9.9	<0.01	0.04	8.4	0.052
C202197		11.6	540	10.6	12.2	<0.001	0.05	0.72	0.8	0.4	0.4	6.1	<0.01	0.05	0.3	0.019
C202198		15.6	510	14.4	22.7	<0.001	0.04	0.64	1.5	0.5	0.4	13.0	<0.01	0.05	2.8	0.031
C202199		23.1	920	171.0	6.2	0.001	0.16	4.40	2.2	1.4	0.2	13.2	0.01	0.06	0.6	0.007
C202200		41.8	960	150.5	9.9	0.001	0.12	3.51	3.2	1.7	0.4	10.3	0.01	0.07	0.9	0.013
C202201		26.8	890	108.5	8.3	0.001	0.10	1.88	2.7	1.4	0.3	14.1	0.01	0.06	1.0	0.014
C202202		22.5	610	43.6	9.2	0.002	0.06	1.08	4.5	0.7	0.4	9.8	0.01	0.05	2.1	0.011
C202203		210.0	1000	80.2	13.6	0.005	0.12	2.90	2.8	2.6	0.3	14.7	<0.01	0.12	2.1	0.046
C202204		88.4	920	92.5	18.4	0.001	0.09	2.28	4.7	1.7	0.4	8.5	0.01	0.08	1.5	0.023
C202205		104.0	940	193.0	14.0	0.002	0.05	2.87	5.5	1.1	0.4	12.2	<0.01	0.07	3.0	0.026
C202206		47.5	440	770.0	6.1	0.001	0.43	8.64	2.4	1.3	0.2	20.9	0.01	0.04	1.0	0.008
C202207		33.4	730	59.6	10.2	0.001	0.06	3.14	3.9	1.1	0.4	8.3	<0.01	0.05	1.7	0.014
C202208		25.2	680	276.0	20.7	<0.001	0.04	0.83	3.2	0.5	0.9	16.8	<0.01	0.04	9.3	0.129
C202209		5.3	230	10.6	50.1	<0.001	0.02	0.31	1.5	0.2	0.7	5.8	<0.01	0.02	3.2	0.049
C202210		19.8	510	17.2	35.2	<0.001	0.01	0.40	2.9	<0.2	1.0	19.9	0.01	0.05	5.7	0.111

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 25-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065022

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C202171		0.07	31.30	29	2.16	22.50	187	4.6
C202172		0.14	3.13	30	0.39	2.96	33	<0.5
C202173		0.12	2.06	19	0.21	4.49	27	1.0
C202174		0.12	1.27	37	0.15	3.12	26	<0.5
C202175		0.16	1.78	57	0.21	4.53	49	0.5
C202176		0.11	4.42	46	0.19	3.21	53	<0.5
C202177		0.12	2.06	45	0.22	5.00	58	1.4
C202178		0.09	2.02	33	0.18	5.91	32	0.5
C202179		0.06	1.11	42	0.25	2.10	24	<0.5
C202180		0.13	1.78	48	0.25	4.00	43	<0.5
C202181		0.07	3.02	27	0.18	5.69	33	1.0
C202182		0.09	7.78	33	0.27	37.40	53	1.9
C202183		0.12	1.83	25	0.11	23.70	86	1.0
C202184		0.12	1.80	32	0.15	12.70	69	0.8
C202185		0.12	1.26	25	0.09	9.88	90	0.9
C202186		0.14	1.34	11	0.09	41.70	32	1.2
C202187		0.13	0.81	29	0.11	4.38	56	0.7
C202188		0.14	0.89	40	0.16	5.70	59	0.6
C202189		0.24	3.62	19	0.14	21.60	154	0.6
C202190		0.32	4.42	24	0.12	31.80	91	0.5
C202191		0.34	3.25	24	0.11	31.20	93	0.5
C202192		0.28	3.25	21	0.15	24.10	93	0.6
C202193		0.22	3.96	23	0.20	22.90	101	0.6
C202194		0.23	2.76	17	0.17	25.90	78	<0.5
C202195		0.09	0.97	19	0.28	4.31	33	<0.5
C202196		0.35	2.35	22	0.10	12.00	69	<0.5
C202197		0.09	1.13	25	0.16	2.82	54	<0.5
C202198		0.17	1.24	29	0.15	4.98	36	<0.5
C202199		0.42	2.06	34	0.07	22.20	855	1.1
C202200		0.65	4.08	40	0.09	24.80	596	1.2
C202201		0.33	2.02	34	0.09	18.35	466	1.4
C202202		0.14	0.65	37	0.09	16.80	171	1.4
C202203		0.45	2.76	63	0.13	14.95	599	2.7
C202204		0.48	1.31	45	0.12	24.30	423	1.8
C202205		0.35	1.21	50	0.16	17.45	452	3.0
C202206		3.21	2.45	18	0.06	14.65	1140	1.2
C202207		0.55	0.86	30	0.10	18.00	524	1.9
C202208		0.38	1.85	35	0.41	11.50	1710	<0.5
C202209		0.22	0.65	25	0.21	2.80	38	<0.5
C202210		0.31	1.60	42	0.59	7.63	95	<0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C202211		0.52	<0.005	0.03	1.88	3.1	<10	90	0.60	0.35	0.38	0.10	33.00	8.1	28	7.65
C202212		0.44	<0.005	0.05	1.20	4.7	<10	140	0.36	0.35	0.23	0.20	31.80	8.5	21	4.67
C202213		0.42	<0.005	0.05	1.08	5.4	<10	110	0.34	0.35	0.30	0.16	24.80	5.6	19	3.81
C202214		0.58	<0.005	0.10	1.41	3.9	<10	90	0.75	0.27	1.60	0.18	29.10	9.3	21	6.54
C202215		0.52	<0.005	0.13	1.16	6.4	<10	250	0.52	0.38	0.95	0.34	25.50	9.0	18	2.39
C202216		0.52	<0.005	0.07	1.54	6.3	<10	260	0.60	0.31	0.58	0.33	27.10	9.2	24	3.88
C202217		0.62	<0.005	0.07	2.27	5.6	<10	90	1.23	0.45	0.40	0.13	49.70	11.4	29	5.57
C202218		0.54	<0.005	0.07	1.61	4.7	<10	150	0.53	0.38	0.49	0.20	26.50	7.7	22	5.30
C202219		0.70	<0.005	0.03	1.84	3.3	<10	60	0.65	0.37	0.33	0.07	31.50	9.0	35	5.49
C202220		0.54	<0.005	0.03	0.92	2.0	<10	80	0.21	0.28	0.23	0.13	20.80	5.3	22	3.88
C202221		0.72	<0.005	0.05	1.89	4.2	<10	80	0.90	0.27	0.41	0.13	40.50	11.3	35	10.20
C202222		0.54	<0.005	0.05	1.79	3.2	<10	70	0.92	0.33	0.66	0.16	41.30	11.2	32	8.24
C202223		0.86	<0.005	0.05	0.82	9.7	<10	20	0.25	1.36	0.02	0.05	35.50	8.0	9	0.51
C202224		0.68	<0.005	0.08	1.33	11.0	<10	100	0.39	0.64	0.16	0.09	24.40	5.8	21	1.06
C202225		0.78	<0.005	0.18	1.27	14.8	<10	80	0.48	1.00	0.05	0.09	58.90	13.5	14	0.96
C202226		0.56	<0.005	0.51	1.97	23.5	<10	140	0.77	1.52	0.47	0.22	31.10	17.6	23	2.62
C202227		0.80	<0.005	0.09	0.80	10.6	<10	80	0.19	1.13	0.12	0.08	53.50	3.2	9	1.46
C202228		0.72	<0.005	0.04	0.91	10.6	<10	30	0.20	0.95	0.02	0.03	87.70	6.2	9	1.38
C202229		0.76	<0.005	0.16	1.50	11.3	<10	50	0.34	1.08	0.04	0.07	40.70	7.9	18	1.34
C202231		0.76	<0.005	0.05	1.14	7.0	<10	40	0.22	0.76	0.03	0.09	51.00	7.9	13	0.76
C202232		0.72	<0.005	0.04	0.99	6.8	<10	40	0.25	0.75	0.05	0.05	61.10	9.5	13	0.62
C202233		0.78	<0.005	0.04	1.00	10.1	<10	20	0.26	1.24	0.07	0.06	62.90	13.9	12	0.77
C202234		0.70	<0.005	0.07	1.56	23.8	<10	50	0.70	1.94	0.02	0.20	64.90	26.1	16	1.57
C202235		0.64	<0.005	0.07	1.49	12.0	<10	100	0.44	1.15	0.40	0.10	31.90	13.8	19	1.86
C202236		0.56	<0.005	0.08	0.57	7.7	<10	40	0.08	0.62	0.07	0.13	22.30	3.8	11	1.20
C202237		0.70	<0.005	0.06	1.27	9.8	<10	30	0.33	0.84	0.04	0.08	45.50	12.1	16	1.34
C202238		0.56	<0.005	0.10	0.95	8.6	<10	50	0.19	0.59	0.05	0.13	24.90	5.1	14	2.23
C202239		0.74	<0.005	0.03	0.97	9.3	<10	30	0.15	0.77	0.03	0.03	46.60	4.4	13	1.39
C202240		0.74	<0.005	0.03	1.31	8.6	<10	40	0.38	0.96	0.01	0.04	57.40	9.2	14	0.99
C202241		0.86	0.005	0.06	1.06	8.6	<10	30	0.40	1.41	0.06	0.04	59.50	13.1	13	1.07
C202242		0.58	<0.005	0.09	2.15	18.6	<10	130	0.56	1.38	0.06	0.12	33.10	9.4	25	2.05
C202243		0.62	<0.005	0.05	1.48	12.2	<10	90	0.43	0.56	0.12	0.09	31.90	7.7	20	1.32
C202244		0.84	<0.005	0.03	1.27	12.8	<10	50	0.46	1.20	0.03	0.03	66.30	12.5	12	0.96
C202245		0.78	<0.005	0.06	1.53	20.8	<10	90	0.47	1.30	0.21	0.12	38.00	16.1	21	1.82
C202246		0.62	<0.005	0.08	1.53	14.3	<10	120	0.64	1.43	0.34	0.18	26.50	14.3	19	2.93
C202351		0.32	<0.005	0.09	1.96	13.6	<10	70	0.81	0.73	0.07	0.14	30.00	6.9	22	1.42
C202352		0.22	NSS	0.06	0.77	6.8	<10	40	0.22	0.42	0.08	0.14	33.80	3.7	9	0.77
C202353		0.38	<0.005	0.12	3.23	38.2	<10	460	3.70	1.87	0.29	0.13	43.40	32.1	25	2.00
C202354		0.20	0.010	0.05	1.82	21.3	<10	50	0.98	0.76	0.08	0.19	63.40	11.4	18	0.65
C202355		0.40	<0.005	0.04	1.57	12.9	<10	240	0.53	0.78	0.11	0.07	68.80	9.3	16	0.93

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06065022

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C202211		9.5	2.53	6.92	0.06	0.02	0.04	0.021	0.12	14.4	27.5	0.65	993	0.57	0.02	2.40
C202212		13.0	2.72	5.28	0.05	0.03	0.07	0.026	0.08	15.0	16.0	0.37	1605	1.06	0.01	1.95
C202213		11.7	2.04	5.62	0.05	0.02	0.07	0.020	0.08	11.7	11.2	0.30	381	1.41	0.01	1.42
C202214		20.5	1.97	4.11	0.08	0.03	0.07	0.018	0.06	16.1	21.4	0.61	1075	0.61	0.02	1.48
C202215		19.2	2.57	4.35	0.05	0.02	0.07	0.027	0.07	11.4	12.4	0.37	1255	1.24	0.01	0.89
C202216		13.2	2.73	4.92	0.05	0.03	0.06	0.025	0.07	11.8	22.6	0.57	965	1.01	0.01	1.65
C202217		8.5	3.02	6.23	0.06	0.03	0.03	0.022	0.09	17.9	41.4	0.99	824	0.47	0.01	2.44
C202218		9.8	2.70	6.05	0.06	0.03	0.05	0.023	0.08	11.8	22.3	0.50	765	0.92	0.01	1.77
C202219		8.9	2.78	6.67	0.07	0.02	0.02	0.024	0.12	14.0	28.5	0.88	537	0.45	0.02	2.80
C202220		5.7	1.72	5.63	0.05	0.02	0.04	0.015	0.09	9.2	9.4	0.34	364	0.66	0.01	1.85
C202221		24.9	2.84	5.39	0.08	0.02	0.03	0.020	0.22	16.4	29.9	0.90	1100	0.50	0.02	1.77
C202222		24.1	2.40	5.65	0.08	0.02	0.04	0.021	0.09	17.2	34.9	0.90	1570	0.45	0.02	2.01
C202223		36.1	2.71	1.88	0.07	0.03	0.02	0.020	0.05	15.6	4.5	0.26	619	0.48	<0.01	0.22
C202224		25.1	2.84	4.36	0.06	<0.02	0.02	0.022	0.06	11.0	10.9	0.39	336	1.39	0.01	0.96
C202225		72.4	2.80	3.43	0.08	0.04	0.03	0.028	0.08	27.6	6.4	0.40	632	0.67	<0.01	0.79
C202226		61.9	3.50	4.93	0.08	0.08	0.06	0.038	0.18	16.9	13.6	0.54	840	1.16	<0.01	0.74
C202227		14.3	1.78	6.01	0.07	0.02	0.03	0.015	0.08	25.5	2.5	0.14	139	1.11	<0.01	1.15
C202228		23.4	3.53	4.23	0.11	0.04	0.02	0.024	0.07	40.9	3.4	0.11	251	0.70	<0.01	0.83
C202229		20.2	4.23	5.57	0.07	0.02	0.05	0.026	0.08	19.7	10.4	0.20	456	0.98	<0.01	1.29
C202231		14.5	2.61	3.59	0.07	0.04	0.02	0.016	0.07	24.3	8.0	0.33	280	0.67	<0.01	0.76
C202232		30.6	2.32	3.00	0.09	0.02	0.02	0.016	0.08	28.2	5.6	0.34	435	0.40	<0.01	0.47
C202233		45.4	2.76	3.20	0.11	0.10	0.01	0.021	0.08	29.7	5.9	0.44	661	0.34	<0.01	0.12
C202234		83.6	3.71	4.04	0.09	0.05	0.03	0.046	0.09	28.9	9.8	0.42	1360	1.09	<0.01	0.57
C202235		32.8	2.92	5.05	0.06	0.03	0.03	0.029	0.11	16.1	9.3	0.42	949	0.94	0.01	0.72
C202236		15.7	1.91	4.11	0.05	<0.02	0.07	0.013	0.05	10.9	2.4	0.16	221	0.81	0.01	0.62
C202237		31.8	2.88	3.90	0.07	0.02	0.02	0.019	0.08	21.8	9.3	0.58	644	0.54	0.01	0.42
C202238		17.7	1.93	4.53	0.05	<0.02	0.09	0.017	0.06	12.0	3.7	0.19	359	1.02	0.01	0.63
C202239		14.2	2.60	4.81	0.07	<0.02	0.02	0.015	0.08	21.7	3.9	0.23	213	0.74	0.01	0.91
C202240		34.2	2.69	3.27	0.08	0.04	0.02	0.019	0.08	25.8	7.2	0.26	309	0.45	0.01	0.69
C202241		54.8	2.56	2.91	0.08	0.04	0.02	0.019	0.13	27.5	5.6	0.36	565	0.45	0.01	0.38
C202242		46.0	3.67	6.61	0.07	0.02	0.05	0.035	0.15	16.7	9.4	0.36	482	1.37	0.01	1.16
C202243		25.2	2.84	5.22	0.06	0.04	0.03	0.025	0.06	15.4	10.4	0.36	321	1.11	0.01	1.46
C202244		40.9	2.63	3.54	0.09	0.03	0.02	0.018	0.13	30.6	5.8	0.39	639	0.43	0.01	0.51
C202245		35.7	3.29	5.27	0.06	0.02	0.04	0.031	0.12	18.0	12.2	0.48	805	1.03	0.01	1.14
C202246		41.2	3.24	4.53	0.06	0.03	0.03	0.043	0.11	12.8	11.2	0.52	1395	1.11	0.01	0.67
C202351		25.7	2.84	5.86	0.07	<0.02	0.08	0.036	0.07	14.0	18.2	0.88	227	1.79	0.01	0.75
C202352		15.7	1.31	3.02	0.06	<0.02	0.07	0.017	0.05	14.8	6.2	0.42	102	1.00	0.01	0.32
C202353		96.1	5.44	8.94	0.10	0.17	0.08	0.131	0.15	18.7	44.0	2.20	2210	3.85	0.02	0.28
C202354		40.7	3.04	5.33	0.09	0.02	0.08	0.026	0.05	26.3	22.2	1.13	343	1.47	0.02	0.47
C202355		17.4	4.22	8.27	0.10	0.02	0.06	0.041	0.08	29.0	19.5	0.51	594	2.83	0.01	0.86

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 25-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065022

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C202211		17.5	490	16.7	33.1	<0.001	0.02	0.38	2.7	<0.2	1.0	18.2	<0.01	0.04	5.1	0.109
C202212		15.2	460	22.5	38.3	<0.001	0.04	0.63	2.6	0.5	0.8	10.2	0.01	0.04	4.4	0.068
C202213		13.0	470	15.9	24.7	<0.001	0.04	0.71	2.0	0.4	0.8	11.1	<0.01	0.05	1.8	0.045
C202214		17.9	1080	17.0	17.2	<0.001	0.10	0.58	1.9	0.9	0.5	20.6	0.01	0.06	2.5	0.050
C202215		15.0	1060	43.1	32.9	<0.001	0.07	0.68	1.9	0.7	0.7	15.4	<0.01	0.07	1.0	0.025
C202216		19.1	400	23.3	21.5	<0.001	0.03	0.62	2.5	0.4	0.7	14.2	<0.01	0.04	2.7	0.054
C202217		24.9	280	12.5	19.4	<0.001	<0.01	0.62	2.8	0.2	0.7	28.0	<0.01	0.05	8.7	0.075
C202218		14.2	370	25.1	16.2	<0.001	0.03	0.47	2.5	0.2	0.8	18.0	<0.01	0.07	3.4	0.048
C202219		21.4	350	14.0	19.0	<0.001	<0.01	0.38	3.2	<0.2	1.0	16.2	<0.01	0.04	6.0	0.132
C202220		10.2	310	11.3	16.9	<0.001	0.02	0.35	1.8	0.2	1.0	8.7	<0.01	0.02	1.8	0.093
C202221		23.9	780	23.0	32.9	<0.001	0.03	0.44	2.5	0.3	0.7	20.7	<0.01	0.05	4.5	0.112
C202222		23.2	600	21.5	21.1	<0.001	0.04	0.51	2.7	0.3	0.8	31.1	<0.01	0.06	4.5	0.105
C202223		10.3	280	4.3	5.1	<0.001	<0.01	1.45	1.0	0.2	<0.2	1.1	<0.01	0.02	9.0	0.009
C202224		13.3	470	8.9	10.2	<0.001	0.03	0.66	1.8	0.3	0.5	9.1	<0.01	0.04	1.8	0.033
C202225		23.3	230	6.7	10.3	0.001	0.01	1.09	2.4	0.3	0.2	4.2	<0.01	0.02	9.7	0.023
C202226		31.7	770	9.9	32.9	0.001	0.06	1.52	3.8	0.7	0.4	24.8	<0.01	0.04	5.7	0.014
C202227		6.5	180	7.2	12.6	0.001	0.01	0.74	1.3	0.3	0.6	6.9	<0.01	0.02	6.2	0.034
C202228		8.0	230	6.8	18.5	<0.001	0.01	0.56	1.2	0.3	0.3	2.7	<0.01	0.03	10.6	0.015
C202229		10.4	400	8.6	17.1	0.001	0.02	0.73	1.5	0.3	0.4	4.0	<0.01	0.03	6.6	0.022
C202231		11.6	130	5.6	10.7	<0.001	0.01	0.62	1.5	<0.2	0.2	2.9	<0.01	0.02	7.2	0.022
C202232		14.1	240	4.9	7.5	0.001	0.01	0.85	1.6	<0.2	<0.2	2.8	<0.01	0.02	8.9	0.023
C202233		17.8	260	6.7	7.8	<0.001	0.01	1.08	1.9	<0.2	<0.2	3.5	<0.01	0.01	12.0	0.028
C202234		23.3	260	14.8	13.9	<0.001	0.01	1.28	3.1	0.4	0.2	2.0	<0.01	0.03	14.4	0.018
C202235		14.9	790	10.4	24.0	<0.001	0.04	1.15	2.2	0.2	0.4	14.0	<0.01	0.04	3.3	0.022
C202236		7.5	570	6.3	9.7	0.001	0.05	1.07	1.0	0.4	0.5	4.3	<0.01	0.03	1.5	0.020
C202237		16.4	330	12.0	11.7	<0.001	0.02	1.14	1.2	<0.2	<0.2	2.2	<0.01	0.03	6.8	0.010
C202238		9.0	670	8.2	12.1	<0.001	0.08	1.12	0.9	0.5	0.4	5.6	<0.01	0.04	0.2	0.019
C202239		8.6	280	5.9	13.3	<0.001	0.02	0.75	1.3	0.2	0.3	2.8	<0.01	0.03	6.5	0.021
C202240		13.8	160	5.5	13.6	<0.001	0.01	0.91	1.6	<0.2	0.2	1.5	<0.01	0.01	11.8	0.018
C202241		20.0	160	5.9	11.8	<0.001	0.01	1.10	1.9	0.3	0.2	4.1	<0.01	0.02	13.3	0.019
C202242		16.4	840	14.8	22.4	<0.001	0.05	0.87	1.9	0.6	0.6	7.0	<0.01	0.05	1.4	0.022
C202243		15.1	340	11.7	11.6	<0.001	0.01	0.66	2.4	0.3	0.5	9.6	<0.01	0.04	5.1	0.040
C202244		14.4	210	4.5	13.2	<0.001	0.01	0.79	2.2	0.3	0.2	2.4	<0.01	0.02	10.5	0.019
C202245		18.0	360	11.3	18.4	<0.001	0.02	0.89	2.7	0.2	0.5	10.8	<0.01	0.04	6.6	0.029
C202246		19.6	560	9.9	18.9	<0.001	0.04	1.36	2.4	0.4	0.3	11.9	<0.01	0.04	4.6	0.017
C202351		18.2	1100	15.8	10.2	<0.001	0.11	0.91	1.1	1.0	0.7	7.2	<0.01	0.08	0.3	0.023
C202352		8.8	610	7.3	6.4	<0.001	0.09	0.66	0.9	0.7	0.3	4.9	<0.01	0.03	1.0	0.013
C202353		34.8	1300	28.7	21.0	<0.001	0.09	1.44	3.8	0.6	0.6	5.5	<0.01	0.13	6.7	0.007
C202354		25.8	640	8.1	5.5	<0.001	0.06	1.12	1.3	0.5	0.3	5.9	<0.01	0.06	2.7	0.023
C202355		13.1	560	8.7	16.5	<0.001	0.03	0.80	2.1	0.2	0.7	5.7	<0.01	0.07	4.4	0.018

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 25-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065022

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C202211		0.30	1.33	44	0.54	6.48	95	<0.5
C202212		0.24	0.95	42	0.58	5.77	63	0.8
C202213		0.30	0.96	45	0.70	4.05	74	<0.5
C202214		0.24	4.95	25	0.56	12.25	68	0.6
C202215		0.16	1.26	39	0.49	6.54	181	<0.5
C202216		0.23	0.97	40	0.66	5.91	118	0.7
C202217		0.26	1.32	35	1.16	5.86	78	0.6
C202218		0.25	0.84	48	0.60	3.71	80	0.8
C202219		0.28	1.08	47	0.47	5.72	87	0.6
C202220		0.22	0.72	39	0.29	3.22	49	<0.5
C202221		0.26	1.94	39	0.87	8.83	110	<0.5
C202222		0.28	1.82	34	0.61	8.90	110	<0.5
C202223		0.03	1.40	9	0.06	1.89	19	0.7
C202224		0.09	0.79	42	0.20	2.95	41	<0.5
C202225		0.07	1.44	22	0.12	5.37	30	1.1
C202226		0.11	13.50	28	0.15	10.50	73	1.7
C202227		0.09	0.53	38	0.13	2.59	16	0.8
C202228		0.10	0.75	24	0.08	2.20	19	1.6
C202229		0.09	0.70	37	0.15	1.69	36	0.5
C202231		0.06	0.38	23	0.09	1.70	29	1.4
C202232		0.04	1.16	18	0.07	2.95	21	0.6
C202233		0.04	1.00	19	0.05	3.75	24	3.3
C202234		0.10	2.89	26	0.07	3.74	51	2.0
C202235		0.11	1.10	34	0.16	4.79	49	0.6
C202236		0.06	0.46	26	0.15	1.08	33	<0.5
C202237		0.07	0.53	15	0.06	2.05	42	<0.5
C202238		0.12	0.72	30	0.13	1.82	28	<0.5
C202239		0.08	0.54	27	0.13	1.60	19	<0.5
C202240		0.07	0.89	16	0.08	2.29	16	1.5
C202241		0.06	1.46	13	0.08	3.57	17	1.4
C202242		0.16	2.15	46	0.25	4.68	46	<0.5
C202243		0.11	0.81	44	0.20	3.02	41	1.1
C202244		0.07	1.66	19	0.14	3.24	14	0.8
C202245		0.10	1.16	40	0.19	3.28	49	0.5
C202246		0.10	1.49	29	0.13	4.53	44	0.8
C202351		0.15	1.77	36	0.17	4.03	46	<0.5
C202352		0.09	0.75	16	0.07	2.00	25	<0.5
C202353		0.26	8.43	31	0.08	15.35	74	4.5
C202354		0.07	2.36	27	0.13	4.03	40	0.5
C202355		0.13	1.52	46	0.20	3.87	27	<0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C202356		0.46	<0.005	0.06	2.11	31.6	<10	130	2.08	0.76	0.06	0.16	41.80	23.7	23	1.81
C202357		0.40	<0.005	0.05	1.21	15.6	<10	40	0.71	0.88	0.03	0.13	31.40	7.6	12	0.80
C202358		0.38	0.016	0.04	1.46	23.0	<10	50	1.47	0.56	0.06	0.10	75.40	19.8	16	0.98
C202359		0.40	<0.005	0.06	1.69	22.5	<10	70	1.47	0.80	0.12	0.16	54.60	27.7	22	1.36
C202360		0.36	<0.005	0.06	1.43	14.4	<10	70	1.03	0.50	0.12	0.19	58.40	17.8	23	0.89
C202361		0.28	<0.005	0.03	0.85	8.5	<10	140	0.17	0.72	0.09	0.20	42.20	6.3	15	1.38
C202362		0.24	<0.005	0.06	1.13	9.6	<10	210	0.55	0.49	0.23	0.22	28.70	10.5	17	1.18
C202363		0.32	<0.005	0.08	1.99	19.4	<10	120	1.49	0.62	0.09	0.19	42.40	21.0	25	1.52
C202364		0.36	<0.005	0.05	2.10	15.0	<10	90	0.93	0.60	0.07	0.13	35.30	10.5	26	1.78
C202365		0.24	<0.005	0.09	1.13	8.9	<10	40	0.27	0.66	0.06	0.08	27.70	4.4	15	1.49
C202366		0.28	<0.005	0.07	1.25	11.9	<10	70	0.22	0.64	0.07	0.17	30.80	5.2	20	1.15
C202367		0.42	<0.005	0.04	1.54	14.4	<10	60	0.50	0.61	0.07	0.12	49.20	11.5	21	1.11
C202368		0.56	<0.005	0.02	1.16	7.8	<10	30	0.24	0.49	0.10	0.08	163.50	10.5	27	4.15
C202369		0.32	<0.005	0.17	0.90	6.3	<10	100	0.23	0.40	0.16	0.17	23.70	5.2	14	1.90
C202370		0.40	0.021	0.18	0.96	6.9	<10	110	0.24	0.47	0.16	0.21	22.30	4.7	15	2.07
C202371		0.30	0.006	0.08	1.63	8.8	<10	70	0.37	0.58	0.15	0.21	76.20	11.8	22	5.41
C202372		0.32	0.008	0.03	1.53	8.6	<10	60	0.27	0.39	0.06	0.11	62.70	6.4	22	2.11
C202373		0.58	<0.005	0.03	1.77	12.0	<10	80	0.43	0.51	0.10	0.18	96.40	11.0	26	2.60
C202374		0.54	0.007	0.03	1.55	7.6	<10	40	0.32	0.56	0.22	0.29	177.50	16.7	20	2.21
C202375		0.44	<0.005	0.02	1.26	1.8	<10	20	0.23	0.67	0.11	0.05	78.70	9.4	16	4.90
C202376		0.34	<0.005	0.04	1.67	4.3	<10	70	0.48	0.64	0.13	0.12	279.00	11.6	19	5.11
C202377		0.32	<0.005	0.10	0.99	5.5	<10	90	0.22	0.39	0.12	0.11	36.30	4.7	15	2.11
C202378		0.36	0.011	0.08	1.55	5.3	<10	60	0.31	0.62	0.12	0.26	79.80	11.8	21	4.86
C202379		0.28	0.005	0.14	0.98	7.0	<10	70	0.22	0.76	0.16	0.53	52.80	6.6	16	1.28
C202380		0.32	0.034	0.25	1.24	9.5	<10	70	0.24	1.97	0.10	0.38	64.70	9.4	17	2.10
C202381		0.40	0.005	0.09	1.58	12.5	<10	60	0.40	1.11	0.08	0.31	83.30	10.9	24	2.59
C202382		0.28	0.010	0.21	1.41	10.7	<10	60	0.30	1.97	0.11	0.30	140.00	14.0	19	3.33
C202383		0.56	<0.005	0.11	1.87	14.5	<10	100	0.62	1.12	0.09	0.41	161.50	21.6	25	2.47
C202384		0.52	0.006	0.09	1.73	16.4	<10	100	0.53	1.35	0.15	0.43	151.00	20.0	22	6.47
C202385		0.38	0.018	0.12	1.13	11.5	<10	80	0.29	1.11	0.16	0.26	81.70	8.6	17	3.69
C202386		0.70	0.006	0.20	1.41	21.2	<10	110	1.52	1.15	0.11	0.28	54.90	51.0	15	1.85
C202387		0.56	0.006	0.34	1.57	25.0	<10	70	1.60	1.02	0.11	0.70	54.20	38.6	16	2.76
C202388		0.52	0.006	0.29	2.13	36.9	<10	70	2.29	1.28	0.14	0.41	46.60	61.0	18	2.99
C202389		0.44	0.009	0.11	1.74	7.8	10	130	1.14	0.36	1.68	0.16	34.30	12.7	29	3.09
C202390		0.40	0.010	0.17	1.97	10.7	<10	130	1.68	0.52	1.76	0.21	42.50	17.6	28	4.70
C202391		0.40	0.012	0.16	1.64	8.7	<10	120	1.47	0.45	1.94	0.25	34.20	14.5	24	4.05
C202392		0.54	0.005	0.05	1.03	4.8	<10	100	0.57	0.18	0.94	0.15	41.10	9.2	27	1.90
C202393		0.34	0.008	0.08	1.57	6.2	<10	120	1.00	0.31	1.63	0.16	29.00	14.2	26	2.52
C202394		0.42	<0.005	0.08	1.31	8.2	<10	120	0.98	0.31	1.31	0.19	31.00	11.9	23	2.98
C202395		0.40	<0.005	0.07	2.03	12.1	<10	80	0.82	0.51	0.36	0.13	32.60	12.1	33	3.90

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 25-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065022

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C202356		38.0	3.43	6.26	0.08	0.03	0.05	0.045	0.08	18.2	27.3	0.77	331	2.40	0.01	0.85
C202357		30.3	2.12	3.62	0.05	<0.02	0.05	0.015	0.05	14.6	13.2	0.50	152	1.73	0.01	0.22
C202358		38.9	2.63	3.95	0.10	0.03	0.02	0.022	0.05	31.9	20.0	0.91	589	1.43	0.01	0.32
C202359		77.8	2.99	4.96	0.09	0.02	0.03	0.029	0.07	23.6	21.7	0.66	615	1.90	0.01	0.72
C202360		35.6	2.73	4.20	0.09	0.02	0.04	0.023	0.06	25.4	14.8	0.69	590	1.07	0.01	0.67
C202361		15.5	2.73	8.65	0.07	<0.02	0.04	0.024	0.06	20.6	2.4	0.09	430	3.49	0.01	1.38
C202362		16.3	4.64	5.97	0.08	<0.02	0.06	0.065	0.06	14.3	15.3	0.24	943	3.78	0.01	0.72
C202363		69.9	3.44	5.75	0.08	0.02	0.06	0.049	0.07	17.8	21.4	0.59	824	2.68	0.01	0.77
C202364		23.3	3.56	7.21	0.06	0.03	0.04	0.036	0.07	16.1	21.2	0.57	305	1.59	0.01	1.44
C202365		23.3	1.81	5.28	0.06	0.02	0.08	0.029	0.04	12.8	4.8	0.19	105	1.81	0.03	0.68
C202366		19.4	3.05	8.67	0.06	0.02	0.10	0.033	0.05	15.2	3.8	0.16	297	2.26	<0.01	1.49
C202367		22.5	3.62	5.42	0.07	0.02	0.05	0.029	0.06	22.2	18.2	0.58	485	1.49	<0.01	1.16
C202368		12.6	3.72	5.32	0.08	<0.02	0.02	0.030	0.03	21.2	17.3	0.56	452	0.73	<0.01	0.67
C202369		20.0	1.86	3.55	<0.05	<0.02	0.10	0.028	0.06	10.4	5.7	0.22	353	1.52	0.01	0.45
C202370		20.5	1.87	4.34	0.05	<0.02	0.09	0.026	0.06	10.7	5.2	0.20	239	1.75	0.01	0.49
C202371		100.5	3.23	5.62	0.07	<0.02	0.04	0.035	0.05	18.0	29.1	0.56	859	1.48	<0.01	0.45
C202372		25.2	2.89	7.01	0.05	<0.02	0.07	0.028	0.05	13.4	13.4	0.29	314	1.65	<0.01	0.80
C202373		30.8	4.07	6.63	0.06	<0.02	0.06	0.044	0.06	19.8	22.3	0.48	567	1.78	0.01	0.87
C202374		164.0	3.04	4.60	0.14	0.06	0.02	0.023	0.03	65.1	24.3	0.72	938	1.30	<0.01	0.27
C202375		19.3	2.26	4.46	0.06	<0.02	0.02	0.013	0.02	17.0	21.5	0.54	391	0.48	<0.01	0.11
C202376		38.0	2.72	6.26	0.20	0.04	0.04	0.021	0.04	177.0	24.9	0.64	502	0.83	0.01	0.30
C202377		17.0	1.86	4.60	<0.05	<0.02	0.07	0.028	0.04	17.5	5.8	0.18	176	1.49	0.01	0.49
C202378		56.0	3.04	6.05	0.07	<0.02	0.08	0.036	0.06	32.4	19.4	0.49	656	1.71	0.01	0.43
C202379		39.7	2.87	5.54	0.05	<0.02	0.11	0.034	0.06	14.7	9.5	0.23	386	1.88	0.01	0.44
C202380		73.4	3.18	5.26	0.05	<0.02	0.07	0.041	0.05	14.4	12.7	0.30	410	4.83	0.01	0.56
C202381		53.3	3.62	6.36	0.08	<0.02	0.05	0.052	0.05	22.6	23.2	0.37	464	2.73	<0.01	0.88
C202382		111.0	3.25	5.70	0.06	<0.02	0.07	0.042	0.05	19.4	21.3	0.44	716	3.97	<0.01	0.59
C202383		117.0	3.48	6.39	0.15	0.06	0.07	0.052	0.06	51.4	24.6	0.45	774	2.40	<0.01	0.77
C202384		88.7	3.26	6.41	0.16	0.04	0.07	0.049	0.05	67.6	22.6	0.53	655	2.28	<0.01	0.54
C202385		68.2	2.45	5.47	0.09	0.02	0.06	0.036	0.05	35.0	11.3	0.31	407	4.76	<0.01	0.44
C202386		267.0	4.29	3.21	0.09	0.06	0.07	0.182	0.10	26.8	18.8	0.58	2970	3.96	<0.01	0.14
C202387		229.0	4.92	4.05	0.10	0.08	0.11	0.269	0.09	26.3	22.3	0.79	4050	2.73	0.01	0.13
C202388		278.0	5.65	3.85	0.09	0.10	0.12	0.243	0.10	21.9	24.2	0.78	4210	3.88	0.01	0.17
C202389		27.8	2.41	6.39	0.08	0.04	0.06	0.035	0.09	18.6	22.8	1.00	969	0.60	0.02	1.72
C202390		32.7	2.84	6.30	0.09	0.05	0.09	0.039	0.08	27.4	23.2	0.79	1400	0.52	0.02	1.38
C202391		32.5	2.25	5.23	0.09	0.04	0.10	0.033	0.07	23.7	19.6	0.67	1160	0.52	0.01	1.22
C202392		19.2	2.14	4.08	0.08	0.04	0.03	0.018	0.12	20.7	15.2	0.87	595	0.29	0.02	1.92
C202393		34.8	2.01	5.99	0.06	0.04	0.10	0.025	0.10	16.2	18.9	0.88	1030	0.58	0.02	1.38
C202394		16.5	2.16	4.80	0.06	0.02	0.06	0.025	0.06	14.2	17.2	0.63	1310	0.56	0.01	0.89
C202395		14.5	3.22	9.14	0.06	<0.02	0.04	0.038	0.08	16.0	27.6	0.89	626	0.87	0.01	2.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 25-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065022

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C202356		25.9	520	10.7	12.9	<0.001	0.05	0.89	1.9	0.5	0.5	6.6	<0.01	0.07	3.1	0.030
C202357		14.4	720	5.9	6.6	0.001	0.06	0.71	0.5	0.5	0.3	3.9	<0.01	0.08	0.3	0.007
C202358		23.7	390	6.2	6.1	<0.001	0.01	0.94	1.7	0.2	0.2	3.8	<0.01	0.05	11.4	0.013
C202359		30.1	790	10.3	10.0	<0.001	0.02	0.81	2.3	0.4	0.5	8.7	<0.01	0.07	6.1	0.037
C202360		25.9	640	8.8	7.4	<0.001	0.02	0.76	2.2	0.4	0.3	8.3	<0.01	0.04	5.8	0.035
C202361		10.4	380	9.6	11.8	<0.001	0.03	0.80	1.9	0.2	1.2	7.1	<0.01	0.06	1.4	0.052
C202362		11.7	640	9.6	14.5	<0.001	0.06	0.70	2.2	0.4	0.6	8.5	<0.01	0.13	1.4	0.029
C202363		30.3	650	12.1	12.1	<0.001	0.05	0.84	2.5	0.6	0.5	9.6	<0.01	0.07	1.8	0.039
C202364		21.4	320	13.8	14.6	<0.001	0.02	0.70	2.7	0.4	0.6	8.2	<0.01	0.06	4.8	0.040
C202365		9.6	640	13.2	6.3	<0.001	0.10	0.91	1.1	1.0	0.5	6.6	<0.01	0.05	0.2	0.024
C202366		11.4	670	13.5	7.3	<0.001	0.08	1.20	1.8	0.7	1.1	6.9	<0.01	0.08	0.8	0.056
C202367		17.1	580	11.0	10.2	<0.001	0.02	0.76	2.0	0.4	0.5	7.2	<0.01	0.21	8.2	0.042
C202368		24.5	470	17.0	5.0	<0.001	0.02	0.78	2.3	0.3	0.5	6.8	<0.01	0.19	6.5	0.046
C202369		10.3	1040	23.5	10.1	<0.001	0.13	0.72	0.8	0.9	0.5	9.4	<0.01	0.05	0.2	0.015
C202370		10.4	1090	23.0	10.0	<0.001	0.13	0.76	0.7	0.7	0.5	9.6	<0.01	0.06	<0.2	0.015
C202371		23.4	780	29.0	9.0	<0.001	0.06	1.02	1.6	0.6	0.5	8.8	<0.01	0.11	2.1	0.017
C202372		17.1	650	19.9	8.5	<0.001	0.06	0.75	1.5	0.5	0.6	5.9	<0.01	0.07	1.3	0.020
C202373		24.3	610	24.8	11.7	<0.001	0.03	0.87	2.2	<0.2	0.7	8.8	<0.01	0.10	2.8	0.033
C202374		31.1	870	19.9	3.5	<0.001	0.01	0.86	3.2	0.2	0.3	8.0	<0.01	0.10	15.7	0.015
C202375		31.9	490	8.7	4.1	<0.001	0.01	0.51	1.8	0.2	0.5	5.0	<0.01	0.14	8.9	0.009
C202376		36.1	820	15.5	8.5	<0.001	0.05	0.69	1.9	0.8	0.5	7.8	<0.01	0.21	6.0	0.010
C202377		12.0	990	17.6	5.9	<0.001	0.11	0.73	0.7	0.5	0.6	7.2	<0.01	0.09	0.2	0.011
C202378		22.7	980	27.5	8.9	<0.001	0.07	0.71	2.0	0.9	0.7	8.2	<0.01	0.21	4.4	0.012
C202379		14.8	1080	22.8	6.7	<0.001	0.11	0.94	0.8	0.9	0.6	7.4	<0.01	0.15	0.4	0.015
C202380		16.5	980	21.8	7.1	<0.001	0.10	1.02	1.4	1.0	0.5	6.3	<0.01	0.20	1.2	0.017
C202381		21.3	590	35.5	8.6	<0.001	0.05	0.96	2.2	0.7	0.7	7.6	<0.01	0.13	3.5	0.023
C202382		26.8	710	24.1	9.0	<0.001	0.03	1.12	2.8	0.7	0.5	7.6	<0.01	0.28	7.7	0.019
C202383		33.9	620	33.2	11.2	<0.001	0.03	0.93	3.8	1.2	0.5	9.0	<0.01	0.12	12.0	0.020
C202384		30.3	880	46.6	12.0	<0.001	0.05	0.86	2.3	1.3	0.5	11.0	<0.01	0.22	5.2	0.014
C202385		17.8	850	25.4	8.8	<0.001	0.08	0.85	1.1	0.9	0.5	8.9	<0.01	0.11	0.8	0.012
C202386		49.0	670	20.5	8.8	<0.001	0.03	1.98	3.1	1.0	0.2	9.8	<0.01	0.03	13.7	0.007
C202387		40.7	770	27.0	8.3	<0.001	0.05	1.96	3.9	0.4	0.2	11.8	<0.01	0.04	14.5	0.009
C202388		53.8	1020	32.3	10.0	<0.001	0.07	2.30	3.7	1.1	0.2	10.4	<0.01	0.05	18.3	0.007
C202389		29.2	840	13.0	29.1	<0.001	0.09	0.63	4.6	0.7	0.6	21.8	<0.01	0.05	6.7	0.057
C202390		25.4	1290	21.2	22.3	<0.001	0.13	0.55	3.9	1.1	0.5	21.0	<0.01	0.08	6.5	0.039
C202391		23.4	1240	17.9	20.8	<0.001	0.12	0.58	3.2	1.1	0.4	19.6	<0.01	0.08	5.3	0.034
C202392		22.7	930	9.8	22.5	<0.001	0.02	0.46	3.8	0.3	0.6	17.4	<0.01	0.03	9.7	0.077
C202393		29.4	960	17.3	21.7	<0.001	0.10	0.57	3.7	0.8	0.5	17.7	<0.01	0.05	5.8	0.042
C202394		21.1	780	19.4	22.6	<0.001	0.06	0.47	2.8	0.6	0.4	17.4	<0.01	0.06	3.0	0.033
C202395		27.4	390	46.8	18.3	<0.001	0.02	0.47	4.8	0.3	0.9	15.6	<0.01	0.05	7.7	0.063

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C202356		0.15	2.38	39	0.18	4.28	55	0.6
C202357		0.09	2.06	18	0.07	2.58	26	<0.5
C202358		0.05	2.50	16	0.07	6.34	30	0.9
C202359		0.11	3.27	35	0.17	6.46	49	<0.5
C202360		0.08	1.86	31	0.20	6.64	45	0.5
C202361		0.18	0.93	85	0.21	2.81	39	<0.5
C202362		0.11	1.18	40	0.22	3.03	34	<0.5
C202363		0.14	2.22	44	0.18	7.19	66	<0.5
C202364		0.15	1.02	52	0.19	3.57	59	0.8
C202365		0.15	0.98	38	0.13	2.81	28	<0.5
C202366		0.14	0.98	81	0.29	2.84	47	1.0
C202367		0.09	1.22	44	0.16	3.95	39	1.0
C202368		0.06	1.93	43	0.25	8.07	64	<0.5
C202369		0.18	1.15	34	0.16	3.72	55	<0.5
C202370		0.19	1.23	39	0.14	3.67	58	<0.5
C202371		0.11	2.37	34	0.16	9.76	86	<0.5
C202372		0.15	1.52	54	0.19	4.68	61	<0.5
C202373		0.17	1.91	56	0.21	7.02	98	<0.5
C202374		0.04	3.82	22	0.21	29.60	103	0.8
C202375		0.03	2.60	18	0.05	8.79	64	<0.5
C202376		0.08	4.72	28	0.10	27.30	91	<0.5
C202377		0.10	2.12	36	0.11	6.42	54	<0.5
C202378		0.10	4.73	33	0.13	12.10	100	<0.5
C202379		0.06	2.22	37	0.19	5.82	88	<0.5
C202380		0.09	3.55	37	0.27	6.60	87	<0.5
C202381		0.14	3.02	51	0.28	9.93	109	<0.5
C202382		0.09	4.52	33	1.02	12.50	159	<0.5
C202383		0.16	6.62	44	0.49	31.10	162	0.6
C202384		0.14	5.98	34	0.20	37.50	176	<0.5
C202385		0.14	4.21	36	0.22	23.90	89	<0.5
C202386		0.56	2.79	16	0.05	12.05	108	1.7
C202387		0.53	2.84	18	0.05	16.95	213	2.4
C202388		0.75	4.28	19	0.05	17.95	166	2.9
C202389		0.16	4.49	38	0.35	12.90	64	1.0
C202390		0.19	10.45	39	0.25	20.40	61	0.9
C202391		0.17	9.09	31	0.21	17.65	58	0.9
C202392		0.10	1.32	33	0.40	9.67	43	1.3
C202393		0.15	8.56	32	0.31	12.00	49	1.0
C202394		0.12	8.40	32	0.21	9.45	70	0.6
C202395		0.21	3.50	54	0.43	6.75	73	0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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700 - 700 PENDER ST.
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Finalized Date: 25-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065022

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C202396		0.58	<0.005	0.10	2.21	10.8	<10	130	1.34	0.44	0.27	0.17	55.10	18.1	34	2.80
C202397		0.38	<0.005	0.06	1.75	10.1	<10	100	0.93	0.46	1.06	0.35	31.50	15.8	28	3.17
C202398		0.36	0.005	0.08	1.63	10.3	<10	190	1.13	0.38	0.93	0.24	34.10	14.3	30	2.28
C202399		0.40	<0.005	0.09	1.99	8.5	<10	120	1.31	0.31	1.89	0.23	38.70	19.0	112	3.58
C202400		0.34	<0.005	0.06	1.56	8.9	10	180	0.62	0.32	2.13	0.22	30.00	18.0	125	2.29
C202401		0.32	0.024	0.09	1.51	8.6	<10	120	1.22	0.35	1.31	0.18	37.10	12.7	32	3.42
C202402		0.42	<0.005	0.09	1.14	9.4	<10	160	0.83	0.32	1.40	0.25	22.20	10.6	17	1.47
C202403		0.42	<0.005	0.17	2.29	13.7	<10	180	2.65	0.60	1.79	0.38	46.10	17.0	32	3.33
C202404		0.32	0.007	0.12	1.47	10.3	<10	200	1.49	0.38	2.55	0.30	33.30	11.2	21	1.78
C202405		0.68	<0.005	0.03	1.32	10.8	<10	50	0.27	0.65	0.06	0.07	55.50	7.1	16	1.17
C202406		0.46	0.010	0.04	1.65	16.1	<10	60	0.28	0.79	0.06	0.08	38.40	5.5	18	1.61
C202407		0.46	<0.005	0.07	2.04	15.9	<10	70	0.41	1.30	0.05	0.09	41.90	10.7	23	1.73
C202408		0.38	0.006	0.06	1.64	17.7	<10	60	0.27	0.65	0.06	0.08	27.90	6.4	22	1.47
C202409		0.48	<0.005	0.06	1.35	12.7	<10	70	0.31	0.83	0.07	0.14	32.80	6.8	20	1.42
C202411		0.52	<0.005	0.09	2.21	18.5	<10	190	0.69	0.73	0.12	0.16	46.60	13.7	26	1.86
C202412		0.54	<0.005	0.06	2.82	22.0	<10	170	0.99	0.67	0.08	0.17	49.10	23.9	35	1.80
C202413		0.40	<0.005	0.10	1.92	16.2	<10	160	0.92	0.74	0.10	0.38	46.80	12.3	22	1.74
C202414		0.62	<0.005	0.14	2.31	21.5	<10	160	0.94	0.62	0.09	0.19	46.90	20.0	30	1.58
C202415		0.48	0.006	0.09	2.40	21.0	<10	180	1.02	0.86	0.10	0.17	49.30	23.7	30	1.91
C202416		0.56	<0.005	0.08	2.09	17.3	<10	100	0.57	0.86	0.05	0.14	38.80	11.0	24	1.64
C202417		0.50	<0.005	0.07	2.03	16.0	<10	120	0.77	0.94	0.06	0.18	48.60	17.7	23	1.37
C202418		0.48	<0.005	0.09	1.80	13.7	<10	70	0.45	0.74	0.05	0.16	35.70	8.3	22	1.39
C202419		0.54	<0.005	0.09	1.82	18.2	<10	100	1.06	1.36	0.10	0.16	35.50	21.1	22	1.66
C202420		0.50	<0.005	0.08	1.35	16.5	<10	160	0.65	0.74	0.19	0.15	34.60	18.5	20	1.29
C202421		0.48	<0.005	0.07	1.83	23.8	<10	110	1.03	1.36	0.07	0.20	38.10	33.2	22	2.15
C202422		0.62	<0.005	0.08	2.62	24.9	<10	200	1.17	1.25	0.07	0.21	45.10	16.5	30	1.92
C202423		0.60	<0.005	0.10	2.36	21.0	<10	150	0.94	0.91	0.10	0.20	41.20	18.6	30	1.65
C202101		0.50	<0.005	0.12	0.34	12	10	150	0.76	0.54	11.75	0.09	22.40	11.6	5	0.52
C202102		0.34	<0.005	0.08	0.52	4.0	<10	580	0.51	0.12	0.97	0.09	23.30	8.9	15	0.76
C202103		0.54	<0.005	0.07	0.56	4.9	<10	1020	0.53	0.10	0.75	0.13	85.00	9.4	22	1.65
C202104		0.76	<0.005	0.08	0.66	11.7	<10	80	0.52	0.57	0.06	0.79	77.40	27.9	10	1.78

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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Finalized Date: 25-AUG-2006
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CERTIFICATE OF ANALYSIS VA06065022

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C202396		49.7	3.25	8.19	0.08	0.04	0.07	0.036	0.08	26.7	30.1	0.84	1370	0.89	0.01	1.96
C202397		24.8	2.87	7.14	0.06	0.02	0.15	0.042	0.07	15.2	23.5	0.72	1300	1.92	0.01	1.10
C202398		22.3	2.69	6.34	0.06	0.03	0.11	0.034	0.09	17.0	22.2	0.89	1780	0.95	0.01	1.04
C202399		26.7	2.96	8.72	0.08	0.03	0.06	0.040	0.09	21.5	27.2	1.77	2110	0.58	0.01	1.72
C202400		16.7	2.71	6.88	0.07	0.04	0.06	0.037	0.09	14.2	17.8	1.29	1270	0.95	0.01	1.06
C202401		17.0	2.34	6.58	0.07	0.03	0.07	0.034	0.09	19.4	21.2	1.03	1370	0.69	0.01	1.62
C202402		15.4	2.35	4.85	0.06	0.04	0.11	0.034	0.06	11.3	14.8	0.52	978	1.16	0.02	0.84
C202403		20.2	3.10	10.45	0.13	0.04	0.14	0.070	0.09	25.9	28.9	1.31	3510	0.92	0.02	1.14
C202404		14.7	2.30	5.68	0.09	0.03	0.11	0.049	0.06	18.5	16.7	0.75	1770	0.72	0.02	0.71
C202405		19.2	3.12	5.22	0.09	0.04	0.03	0.019	0.05	27.7	9.3	0.24	197	0.84	0.01	1.38
C202406		27.6	3.40	5.63	0.07	<0.02	0.02	0.021	0.05	19.5	7.4	0.22	253	0.91	0.01	1.09
C202407		26.9	4.04	6.72	0.10	0.03	0.05	0.032	0.07	21.3	13.8	0.32	428	1.17	0.01	1.50
C202408		24.5	3.76	6.06	0.07	0.02	0.04	0.026	0.06	14.4	9.4	0.26	274	1.36	0.01	1.49
C202409		23.2	2.84	5.35	0.06	<0.02	0.04	0.021	0.06	16.5	9.5	0.29	251	1.30	0.01	1.22
C202411		40.4	3.59	6.04	0.10	0.03	0.04	0.031	0.09	23.7	14.0	0.48	525	1.32	0.01	1.24
C202412		42.3	3.76	6.11	0.10	0.05	0.04	0.039	0.11	23.9	18.4	0.63	545	1.36	0.01	1.47
C202413		38.2	3.07	5.63	0.10	0.03	0.05	0.028	0.09	23.9	14.6	0.42	354	1.27	0.01	1.20
C202414		55.9	3.41	5.78	0.11	0.06	0.06	0.036	0.08	23.5	15.5	0.53	523	1.56	0.01	1.56
C202415		76.4	3.38	6.12	0.10	0.04	0.06	0.039	0.10	24.0	15.8	0.54	681	1.36	0.01	1.24
C202416		25.8	3.64	6.32	0.09	0.02	0.03	0.029	0.09	20.1	13.6	0.33	378	1.47	0.01	1.37
C202417		34.2	3.09	5.47	0.10	0.04	0.04	0.029	0.09	23.6	14.6	0.44	515	1.16	0.01	1.17
C202418		23.1	3.50	5.75	0.09	0.03	0.05	0.028	0.06	18.2	13.6	0.30	326	1.28	0.01	1.48
C202419		49.8	3.23	4.71	0.09	0.03	0.05	0.030	0.07	17.1	11.2	0.42	911	1.57	0.01	0.85
C202420		28.8	2.47	4.26	0.07	<0.02	0.03	0.024	0.06	17.4	8.9	0.33	638	1.18	0.01	0.59
C202421		42.0	3.12	5.47	0.10	0.02	0.04	0.030	0.08	19.2	11.8	0.39	727	1.61	0.01	0.80
C202422		48.9	3.75	6.33	0.10	0.05	0.05	0.035	0.10	22.3	16.0	0.52	504	1.61	0.01	1.12
C202423		43.5	3.42	6.25	0.09	0.04	0.05	0.036	0.09	20.9	17.4	0.50	543	1.46	0.01	1.41
C202101		26.5	1.84	1.10	0.10	0.04	0.04	0.059	0.07	11.3	11.0	7.25	2000	0.41	0.03	0.13
C202102		31.4	1.99	1.40	0.06	0.05	0.06	0.013	0.10	12.7	1.7	0.12	857	1.31	0.01	0.06
C202103		14.6	2.45	2.39	0.14	0.03	0.02	0.013	0.11	43.5	2.0	0.16	1345	0.71	0.01	0.11
C202104		41.2	5.37	2.47	0.13	<0.02	0.06	0.033	0.11	35.9	6.4	0.12	3250	1.03	<0.01	0.43

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06065022

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C202396		31.7	250	37.5	17.5	<0.001	0.01	0.45	6.8	0.3	0.8	13.0	<0.01	0.06	16.5	0.061
C202397		24.4	770	42.8	17.7	<0.001	0.07	0.55	3.8	0.9	0.6	15.0	<0.01	0.05	4.1	0.028
C202398		29.1	710	36.7	23.2	<0.001	0.05	0.61	4.3	0.6	0.6	16.0	<0.01	0.08	4.2	0.040
C202399		92.4	950	26.4	38.0	<0.001	0.08	0.59	5.8	0.6	0.6	14.4	<0.01	0.04	5.0	0.092
C202400		86.9	1020	27.0	37.4	<0.001	0.10	0.70	3.8	0.7	0.4	15.7	<0.01	0.06	2.6	0.051
C202401		30.2	770	27.2	29.2	<0.001	0.06	0.58	5.2	0.6	0.6	22.4	<0.01	0.11	6.4	0.054
C202402		18.7	720	31.0	18.8	<0.001	0.08	0.72	2.7	0.6	0.5	15.2	<0.01	0.05	2.1	0.023
C202403		37.7	1220	39.7	26.8	<0.001	0.11	0.63	7.9	0.7	0.7	20.3	0.01	0.28	8.5	0.036
C202404		22.6	1120	31.2	20.2	<0.001	0.13	0.46	5.0	0.6	0.4	17.2	0.01	0.06	3.2	0.021
C202405		11.4	290	16.9	12.1	<0.001	0.01	0.58	2.0	0.2	0.4	5.2	<0.01	0.04	8.6	0.036
C202406		8.6	370	11.3	10.4	<0.001	0.02	0.54	1.9	<0.2	0.6	4.8	<0.01	0.04	5.3	0.034
C202407		14.5	410	14.4	16.4	<0.001	0.02	0.72	2.6	0.3	0.6	6.3	<0.01	0.05	6.4	0.034
C202408		10.4	440	13.1	9.1	<0.001	0.02	0.68	2.0	0.3	0.6	6.4	<0.01	0.04	4.9	0.043
C202409		13.8	470	15.0	11.8	<0.001	0.02	0.68	2.0	0.5	0.5	8.0	<0.01	0.04	2.5	0.041
C202411		22.8	590	24.5	18.7	<0.001	0.02	0.81	3.4	0.3	0.6	11.6	<0.01	0.05	6.8	0.038
C202412		29.3	330	25.4	19.6	<0.001	0.02	0.87	4.8	0.5	0.7	10.4	0.01	0.05	10.8	0.047
C202413		21.7	540	21.5	19.3	<0.001	0.03	0.82	2.8	0.5	0.6	10.2	<0.01	0.05	7.1	0.028
C202414		26.4	360	18.6	16.8	<0.001	0.02	0.91	5.3	0.4	0.6	11.0	0.01	0.06	9.9	0.048
C202415		28.9	510	24.2	19.1	<0.001	0.02	0.85	4.9	0.4	0.6	11.4	<0.01	0.05	9.8	0.044
C202416		16.8	350	14.8	18.2	<0.001	0.02	0.83	2.7	0.2	0.6	6.9	<0.01	0.05	8.2	0.029
C202417		23.6	360	13.2	17.7	<0.001	0.01	0.76	3.8	0.3	0.5	7.3	<0.01	0.04	9.9	0.028
C202418		14.4	390	12.6	13.1	<0.001	0.02	0.75	2.4	0.3	0.6	6.8	<0.01	0.04	7.2	0.032
C202419		21.6	770	19.1	14.9	<0.001	0.04	1.11	2.5	0.5	0.5	9.4	<0.01	0.06	7.7	0.033
C202420		17.7	710	10.6	13.7	<0.001	0.03	0.86	2.0	0.2	0.4	12.4	<0.01	0.04	2.8	0.030
C202421		22.4	700	19.9	19.7	<0.001	0.04	1.46	2.1	0.5	0.5	9.2	<0.01	0.06	4.5	0.026
C202422		26.0	760	18.0	22.5	<0.001	0.04	1.00	3.4	0.5	0.6	8.9	<0.01	0.06	7.7	0.024
C202423		26.8	500	17.5	18.8	<0.001	0.02	0.86	3.9	0.3	0.6	11.2	<0.01	0.05	9.7	0.040
C202101		10.2	320	7.0	5.9	<0.001	0.03	1.10	3.5	0.4	<0.2	19.8	<0.01	0.05	2.7	0.006
C202102		14.4	630	5.9	9.4	<0.001	0.06	0.29	7.2	0.5	0.3	24.6	<0.01	0.06	3.4	<0.005
C202103		19.0	990	6.1	12.4	<0.001	0.03	0.11	8.0	0.4	0.6	27.8	<0.01	0.04	10.3	0.010
C202104		22.6	590	35.7	12.9	<0.001	0.02	0.53	2.3	0.3	0.2	6.1	0.01	0.03	21.2	0.005

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 25-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065022

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C202396		0.21	8.34	47	0.41	14.20	58	1.1
C202397		0.17	4.81	46	0.34	8.52	69	0.7
C202398		0.15	7.37	42	0.31	11.85	106	0.6
C202399		0.16	3.58	55	0.48	12.00	124	0.7
C202400		0.16	2.21	51	0.31	7.99	144	1.0
C202401		0.14	3.66	37	0.60	11.65	95	0.9
C202402		0.10	1.71	33	0.43	8.26	97	1.0
C202403		0.16	12.95	46	0.44	25.00	114	0.8
C202404		0.10	16.90	32	0.17	19.20	90	0.5
C202405		0.07	0.70	42	0.26	2.64	32	1.7
C202406		0.08	0.64	65	0.23	2.23	36	0.6
C202407		0.12	0.66	58	0.23	2.56	45	1.2
C202408		0.09	0.60	63	0.22	1.99	47	0.9
C202409		0.11	0.80	47	0.28	2.44	45	<0.5
C202411		0.14	1.86	52	0.30	6.57	72	0.8
C202412		0.16	1.80	55	0.29	5.26	74	2.1
C202413		0.11	1.90	42	0.29	6.53	61	0.9
C202414		0.13	2.82	51	0.31	8.85	71	2.5
C202415		0.15	4.03	54	0.30	9.08	90	1.1
C202416		0.12	1.10	53	0.27	3.23	55	0.8
C202417		0.10	1.48	42	0.25	4.99	57	1.5
C202418		0.08	0.95	51	0.30	2.55	45	1.0
C202419		0.09	4.43	42	0.27	7.05	59	0.7
C202420		0.08	1.73	41	0.32	5.35	44	<0.5
C202421		0.13	4.37	42	0.30	5.80	58	<0.5
C202422		0.15	2.50	49	0.36	5.72	65	1.2
C202423		0.12	2.29	52	0.32	5.74	75	1.2
C202101		0.06	0.39	9	<0.05	14.50	22	1.3
C202102		<0.02	0.80	25	0.08	15.40	24	0.8
C202103		<0.02	0.70	29	0.14	18.10	31	<0.5
C202104		0.09	4.09	11	0.09	10.55	330	0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
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Finalized Date: 24-AUG-2006
Account: EIA

CERTIFICATE VA06065021

Project: Werneckes

P.O. No.: FRG06-01

This report is for 200 Soil samples submitted to our lab in Vancouver, BC, Canada on 10-JUL-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	50 element aqua regia ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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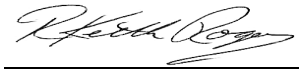
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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CERTIFICATE OF ANALYSIS VA06065021

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
C201751		0.48	0.006	0.11	2.01	19.0	<10	60	1.67	0.95	0.27	0.07	34.60	45.4	19	0.98
C201752		0.42	0.016	0.10	2.07	41.3	<10	180	1.92	1.58	0.84	0.06	33.70	78.2	20	1.34
C201753		0.44	0.036	0.22	1.03	405.0	<10	380	1.74	9.45	0.22	0.01	44.10	333.0	9	0.89
C201754		0.40	0.056	0.09	1.27	11.2	<10	310	2.44	0.73	0.82	0.13	33.50	37.4	13	0.65
C201755		0.32	0.034	0.22	2.58	6.5	<10	490	2.23	1.26	0.97	0.12	38.40	42.3	31	3.24
C201756		0.44	0.095	0.19	2.87	6.5	<10	170	2.44	3.94	0.37	0.12	105.50	59.9	25	2.83
C201757		0.50	<0.005	0.10	3.26	38.8	<10	30	3.43	1.92	0.07	0.03	19.60	63.1	25	1.78
C201758		0.42	<0.005	0.16	2.56	29.8	<10	60	3.36	3.51	0.04	0.05	21.80	35.4	22	4.48
C201759		0.34	<0.005	0.06	2.17	11.9	<10	60	1.97	0.53	0.06	0.07	37.10	8.4	24	2.00
C201760		0.54	<0.005	0.07	1.44	14.9	<10	100	0.77	0.58	0.40	0.18	65.40	13.8	21	2.34
C201761		0.50	0.012	0.07	1.30	30.1	<10	270	0.70	0.95	0.52	0.16	58.10	17.0	18	3.04
C201762		0.42	<0.005	0.34	1.06	89.0	<10	130	0.82	1.44	0.36	0.64	98.60	20.7	13	1.06
C201763		0.46	<0.005	0.08	1.65	27.5	<10	290	0.79	0.85	0.24	0.16	59.30	18.7	22	4.81
C201764		0.50	<0.005	0.05	1.09	42.0	<10	100	0.49	1.62	0.10	0.17	34.90	17.0	18	3.53
C201765		0.54	<0.005	0.05	0.56	43.3	<10	360	0.50	0.62	0.40	0.14	54.10	30.0	10	0.50
C201766		0.40	<0.005	0.21	0.27	72.7	<10	200	0.32	0.47	0.64	0.84	32.30	18.3	5	0.52
C201767		0.34	<0.005	0.25	0.50	98.5	<10	80	0.59	1.56	1.28	0.31	58.70	23.7	5	0.56
C201768		0.38	0.007	0.08	1.11	27.4	<10	110	0.68	0.54	0.72	0.08	41.70	17.8	18	2.22
C201769		0.28	0.006	0.10	1.25	21.4	<10	740	1.10	0.60	2.14	0.30	65.20	26.0	18	3.55
C201770		0.42	0.007	0.09	1.11	75.8	<10	330	1.64	0.20	0.88	0.13	117.50	54.6	25	2.73
C201771		0.38	0.005	0.04	1.36	12.9	<10	250	2.28	0.28	1.03	0.15	106.00	25.5	34	2.67
C201773		0.34	<0.005	0.03	1.10	13.8	<10	240	0.55	0.53	0.56	0.14	21.70	9.8	20	3.48
C201774		0.36	<0.005	0.04	0.97	146.5	<10	230	1.44	0.35	0.94	0.11	88.30	66.9	25	1.84
C201775		0.40	<0.005	0.07	0.84	15.2	<10	300	1.18	0.49	1.86	0.15	52.90	15.6	17	1.40
C201776		0.40	<0.005	0.03	0.79	5.5	<10	140	2.11	0.18	0.62	0.14	43.50	18.0	12	1.29
C201777		0.32	<0.005	1.42	0.70	54.7	10	220	1.68	3.96	1.55	0.25	28.70	30.7	7	1.56
C201778		0.54	0.015	0.35	0.97	25.9	<10	760	1.58	1.48	0.97	0.20	32.80	17.6	14	1.70
C201779		0.36	<0.005	0.39	1.16	31.3	<10	1660	1.54	1.84	1.41	0.48	28.30	30.1	16	1.41
C201780		0.46	<0.005	0.29	1.15	34.8	<10	1170	2.03	2.43	1.09	0.58	34.50	42.3	15	1.34
C201781		0.44	<0.005	0.13	0.38	20.7	<10	1510	1.01	2.95	0.36	0.09	18.55	18.1	5	2.65
C201782		0.36	<0.005	0.13	1.18	16.1	<10	240	1.62	1.08	0.14	0.14	22.70	13.6	17	3.93
C201783		0.44	<0.005	0.76	0.75	72.9	<10	240	1.39	2.81	1.43	0.21	27.50	18.8	9	1.58
C201784		0.34	0.009	0.47	0.57	19.8	10	140	0.63	1.15	2.46	0.19	8.12	8.3	6	1.03
C201785		0.36	<0.005	1.10	0.82	33.0	<10	130	1.78	3.73	0.21	0.13	26.00	22.7	9	1.88
C201786		0.34	<0.005	0.39	1.07	29.3	<10	140	1.39	2.78	0.41	0.18	25.30	21.9	13	2.65
C201788		0.36	<0.005	0.05	1.58	7.2	<10	110	1.64	0.48	0.76	0.18	48.30	11.8	25	2.85
C201789		0.26	<0.005	0.07	1.79	7.6	<10	110	1.66	0.73	1.20	0.12	54.70	13.0	27	4.11
C201790		0.40	<0.005	0.06	1.50	6.8	<10	40	0.70	0.30	0.38	0.07	33.10	7.2	22	8.96
C201791		0.32	<0.005	0.06	1.79	6.1	<10	40	0.88	0.32	0.46	0.06	38.10	9.4	26	7.02
C201792		0.38	<0.005	0.05	1.63	11.7	<10	120	1.59	0.71	0.38	0.16	38.70	12.6	21	3.03

Comments: NSS is non-sufficient sample.

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Finalized Date: 24-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065021

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C201751		193.0	4.37	4.91	0.06	0.18	0.02	0.055	0.10	18.1	24.9	1.19	1315	2.33	0.01	0.14
C201752		286.0	5.94	6.60	0.10	0.20	0.05	0.178	0.21	18.8	25.6	1.96	4020	9.11	0.01	0.26
C201753		1240.0	8.26	3.65	0.10	0.16	0.04	0.368	0.09	23.0	8.6	0.46	5260	32.00	0.01	0.16
C201754		93.2	5.11	3.56	0.07	0.19	0.08	0.139	0.12	16.1	15.2	0.99	5840	3.55	0.01	0.18
C201755		24.7	5.24	11.05	0.12	0.13	0.08	0.116	0.12	22.0	48.1	3.18	3620	0.95	0.02	0.38
C201756		10.2	5.99	11.25	0.15	0.14	0.05	0.087	0.13	55.8	56.2	3.41	3950	1.87	0.01	0.31
C201757		116.0	6.22	7.20	0.10	0.15	0.02	0.076	0.06	9.8	40.4	1.73	769	5.51	0.01	0.07
C201758		51.9	4.36	5.96	0.06	0.12	0.05	0.049	0.12	10.7	42.3	1.38	306	3.66	0.01	0.10
C201759		27.7	3.02	5.34	0.05	0.07	0.04	0.029	0.08	18.5	27.9	1.28	178	2.78	0.01	0.38
C201760		61.6	3.10	4.41	0.06	0.02	0.02	0.038	0.08	23.0	19.8	0.60	1095	1.37	0.01	0.77
C201761		58.0	4.35	4.58	0.07	0.03	0.03	0.068	0.10	23.1	18.8	0.42	3370	2.24	0.01	0.82
C201762		78.6	4.83	2.79	0.13	0.10	0.09	0.081	0.06	69.2	12.8	0.27	3180	2.02	0.01	0.40
C201763		90.4	4.09	4.49	0.08	0.04	0.05	0.069	0.16	37.4	21.9	0.71	2550	2.15	0.01	0.78
C201764		98.2	4.65	4.78	0.06	0.02	0.03	0.075	0.10	16.4	12.2	0.33	1335	3.68	0.01	1.08
C201765		108.0	4.05	1.83	0.07	0.07	0.03	0.059	0.03	31.6	3.9	0.15	3190	4.45	0.01	0.29
C201766		45.8	2.86	0.90	0.05	0.05	0.15	0.044	0.04	18.6	1.4	0.14	1745	2.03	0.01	0.08
C201767		76.8	4.34	1.36	0.09	0.11	0.08	0.130	0.04	47.2	4.6	0.25	2680	3.52	0.01	0.11
C201768		51.3	3.17	3.69	0.06	0.04	0.03	0.036	0.09	19.9	12.9	0.79	2330	1.31	0.02	0.57
C201769		525.0	3.02	4.84	0.09	0.07	0.08	0.064	0.11	40.7	14.5	0.73	9620	2.30	0.02	0.50
C201770		291.0	3.37	5.52	0.10	0.06	0.02	0.032	0.20	56.6	9.2	0.65	2460	1.96	0.01	0.37
C201771		401.0	3.50	7.24	0.11	0.06	0.03	0.034	0.18	60.5	11.8	0.89	2740	1.92	0.01	0.43
C201773		45.0	3.00	6.40	<0.05	<0.02	0.04	0.044	0.08	11.5	11.2	0.28	741	2.40	0.01	1.05
C201774		262.0	2.95	4.70	0.09	0.05	0.04	0.035	0.14	47.5	8.4	0.46	1995	1.09	0.01	0.40
C201775		388.0	2.44	3.61	0.07	0.05	0.04	0.052	0.10	33.2	6.3	0.38	2300	1.48	0.01	0.27
C201776		42.8	2.26	2.35	0.06	0.06	0.05	0.018	0.07	20.9	4.3	0.13	2250	2.42	0.01	0.17
C201777		235.0	5.15	1.86	0.10	0.15	0.21	0.347	0.13	13.6	7.3	0.68	3410	1.93	<0.01	0.19
C201778		81.5	3.27	2.61	0.09	0.09	0.13	0.123	0.08	18.8	10.0	0.40	1285	1.85	<0.01	0.54
C201779		194.0	5.66	2.99	0.11	0.07	0.22	0.274	0.08	15.8	8.2	0.45	4090	2.02	<0.01	0.41
C201780		186.0	7.80	2.71	0.13	0.07	0.20	0.433	0.07	20.3	7.3	0.33	5680	1.73	<0.01	0.35
C201781		72.4	2.25	1.04	0.06	0.06	0.20	0.092	0.06	8.9	2.4	0.11	696	1.17	<0.01	0.21
C201782		61.9	3.47	3.98	0.06	0.02	0.08	0.092	0.09	11.0	15.4	0.30	817	1.41	<0.01	0.73
C201783		214.0	4.57	1.96	0.10	0.09	0.17	0.451	0.08	13.2	4.9	0.34	2400	2.65	<0.01	0.30
C201784		211.0	2.13	1.05	<0.05	0.06	0.23	0.118	0.06	4.2	3.0	0.39	876	0.87	<0.01	0.16
C201785		344.0	4.74	2.00	0.08	0.03	0.15	0.202	0.10	12.3	5.4	0.23	2310	1.01	<0.01	0.30
C201786		118.0	3.53	2.47	0.08	0.07	0.12	0.223	0.13	11.9	9.2	0.43	2420	1.27	<0.01	0.38
C201788		16.1	2.42	5.51	0.09	0.02	0.12	0.028	0.09	20.8	20.9	0.81	1550	0.73	0.01	1.51
C201789		24.6	2.56	6.12	0.10	0.04	0.15	0.041	0.07	28.9	26.3	0.96	1680	0.65	0.01	1.64
C201790		12.0	2.14	6.37	0.09	<0.02	0.16	0.021	0.10	15.7	18.0	0.68	539	0.74	0.01	1.36
C201791		10.9	2.33	7.55	0.09	<0.02	0.16	0.023	0.10	17.8	24.8	0.89	698	0.65	0.01	1.66
C201792		128.0	2.90	4.94	0.08	0.02	0.31	0.033	0.07	16.1	22.2	0.56	1870	1.55	<0.01	1.21

Comments: NSS is non-sufficient sample.

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VANCOUVER BC V6C 1G8

Finalized Date: 24-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065021

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C201751		34.9	720	5.1	9.6	0.001	0.06	0.89	2.2	0.6	0.2	4.2	<0.01	0.06	15.6	0.005
C201752		64.5	1070	5.4	24.1	0.002	0.12	1.01	7.7	1.4	0.4	6.3	0.01	0.13	11.4	0.035
C201753		105.0	1010	9.0	9.4	0.002	0.12	1.67	5.4	1.9	0.3	3.9	0.01	0.22	11.6	<0.005
C201754		47.2	1310	9.4	13.2	0.001	0.09	1.38	6.3	0.6	0.4	8.5	0.01	0.26	17.3	0.018
C201755		73.1	1180	7.5	29.9	0.001	0.09	0.77	11.6	0.8	0.7	9.3	0.01	0.29	10.7	0.051
C201756		109.0	930	8.3	34.1	0.001	0.05	0.87	8.5	0.6	0.6	7.5	0.01	0.67	16.8	0.054
C201757		68.2	620	6.6	5.1	<0.001	0.07	1.30	3.5	0.4	0.2	3.1	<0.01	0.10	28.2	<0.005
C201758		42.3	780	9.1	15.6	<0.001	0.13	1.42	2.2	0.5	0.3	4.2	<0.01	0.11	19.6	<0.005
C201759		21.7	940	10.3	12.2	<0.001	0.05	0.85	1.7	0.7	0.4	6.0	<0.01	0.07	7.8	0.014
C201760		26.0	620	12.4	20.4	<0.001	0.03	0.64	2.9	0.3	0.5	12.8	0.01	0.04	5.2	0.040
C201761		25.0	810	9.7	30.3	<0.001	0.05	0.88	2.1	0.4	0.4	13.9	<0.01	0.07	3.7	0.046
C201762		30.9	980	21.8	9.9	<0.001	0.05	1.26	2.7	0.6	0.2	10.7	0.01	0.06	5.6	0.013
C201763		32.2	900	8.3	36.9	<0.001	0.04	0.85	3.2	0.5	0.4	13.4	0.01	0.07	5.2	0.064
C201764		21.3	550	8.3	31.2	<0.001	0.03	1.06	1.8	0.2	0.4	7.4	<0.01	0.07	5.4	0.053
C201765		26.5	770	7.5	5.2	0.001	0.05	0.87	3.4	0.4	0.3	9.8	0.01	0.08	5.9	0.016
C201766		16.9	580	19.9	7.2	<0.001	0.08	1.02	2.9	0.5	0.5	9.6	<0.01	0.08	3.2	0.005
C201767		32.8	1090	17.9	3.6	<0.001	0.11	1.66	1.9	0.9	<0.2	12.4	0.01	0.11	5.0	<0.005
C201768		27.2	660	6.8	22.8	<0.001	0.05	0.64	3.4	0.2	0.5	11.2	<0.01	0.05	6.3	0.055
C201769		28.1	1110	12.5	32.6	0.001	0.14	0.52	3.8	1.2	0.6	45.3	0.01	0.08	3.0	0.037
C201770		29.9	920	10.4	44.4	0.001	0.03	0.20	9.2	0.3	1.0	30.3	0.01	0.05	10.3	0.042
C201771		35.4	840	13.7	59.0	0.001	0.05	0.27	11.2	0.7	1.2	20.0	0.01	0.06	8.9	0.055
C201773		14.0	520	15.5	22.6	<0.001	0.06	0.64	2.1	0.3	0.9	20.4	<0.01	0.06	1.3	0.037
C201774		25.2	960	8.9	35.5	<0.001	0.06	0.19	8.7	0.5	0.8	23.9	0.01	0.05	7.2	0.026
C201775		19.1	880	9.1	27.9	0.001	0.11	0.25	5.1	0.8	0.6	32.3	0.01	0.04	3.1	0.016
C201776		41.2	600	7.4	13.8	<0.001	0.05	0.26	4.9	0.4	0.3	25.7	0.01	0.03	7.0	0.006
C201777		34.9	1030	63.9	9.8	<0.001	0.14	5.50	4.8	1.0	0.3	11.2	<0.01	0.06	3.0	0.006
C201778		22.5	840	18.2	11.4	<0.001	0.08	1.80	4.8	1.2	0.4	17.0	<0.01	0.07	2.0	0.019
C201779		28.3	1470	42.3	10.8	0.001	0.14	1.68	4.1	1.8	0.4	16.2	0.01	0.08	1.1	0.016
C201780		29.2	1220	57.3	9.9	<0.001	0.11	1.61	4.9	1.7	0.4	16.2	0.01	0.07	1.7	0.015
C201781		14.2	420	8.4	6.5	0.001	0.06	1.70	3.2	0.7	0.2	13.4	<0.01	0.03	3.1	0.005
C201782		18.9	750	11.3	15.9	<0.001	0.06	1.60	2.2	0.6	0.6	9.2	<0.01	0.06	1.0	0.025
C201783		22.6	1030	31.6	8.4	<0.001	0.12	3.15	4.3	1.2	0.4	10.7	<0.01	0.08	1.4	0.009
C201784		11.4	1090	14.2	5.6	0.001	0.19	1.62	1.6	0.8	0.4	11.2	<0.01	0.03	0.6	0.007
C201785		19.8	490	49.0	12.3	<0.001	0.04	4.11	3.1	0.6	0.5	5.6	<0.01	0.03	3.4	0.010
C201786		20.9	530	35.8	19.3	<0.001	0.07	2.47	3.7	0.7	0.4	7.3	<0.01	0.04	3.6	0.013
C201788		24.1	950	19.6	22.4	<0.001	0.08	0.76	2.3	0.8	0.6	27.4	<0.01	0.05	3.9	0.057
C201789		29.1	1000	20.0	16.9	<0.001	0.08	0.70	4.5	1.0	0.6	25.2	0.01	0.06	6.7	0.056
C201790		19.8	1080	17.2	36.0	<0.001	0.13	0.65	1.8	0.6	0.7	21.1	0.01	0.04	0.7	0.054
C201791		25.1	940	14.6	26.0	<0.001	0.10	0.63	2.7	0.7	0.8	23.0	<0.01	0.04	1.7	0.070
C201792		23.2	1130	37.7	16.1	<0.001	0.09	0.88	2.1	0.9	0.6	28.4	<0.01	0.10	3.1	0.036

Comments: NSS is non-sufficient sample.

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Finalized Date: 24-AUG-2006
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CERTIFICATE OF ANALYSIS VA06065021

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C201751		0.05	4.52	16	0.08	10.85	29	4.4
C201752		0.07	8.98	49	0.25	21.10	32	5.2
C201753		0.08	18.05	14	0.66	13.95	21	4.1
C201754		0.07	5.25	18	0.57	31.80	29	4.0
C201755		0.09	6.36	54	0.41	30.20	40	1.9
C201756		0.14	8.06	38	0.60	29.30	36	2.1
C201757		0.05	9.65	19	<0.05	11.05	36	6.5
C201758		0.09	6.72	15	<0.05	8.51	32	3.3
C201759		0.12	6.44	26	0.09	8.05	55	1.5
C201760		0.16	1.42	30	0.18	7.32	60	<0.5
C201761		0.18	1.56	33	0.16	8.04	49	<0.5
C201762		0.18	2.96	14	0.15	25.90	180	1.2
C201763		0.28	2.19	32	0.32	14.05	42	<0.5
C201764		0.16	1.40	32	0.24	3.71	50	<0.5
C201765		0.06	2.55	17	0.27	11.45	33	0.9
C201766		0.19	1.15	11	0.09	7.92	397	0.9
C201767		0.15	3.01	7	0.13	16.10	114	2.1
C201768		0.16	2.01	23	0.20	7.99	33	0.7
C201769		0.23	11.35	32	0.20	22.00	51	0.6
C201770		0.15	3.30	48	0.30	17.40	27	0.6
C201771		0.39	5.74	71	0.20	22.50	47	0.6
C201773		0.26	1.62	53	0.23	3.11	51	<0.5
C201774		0.19	2.69	48	0.18	15.60	47	0.6
C201775		0.12	6.64	30	0.09	15.60	56	0.5
C201776		0.11	3.86	28	0.15	26.30	44	0.5
C201777		0.57	1.57	15	0.07	14.70	84	4.5
C201778		0.22	3.78	24	0.24	18.85	56	2.4
C201779		0.57	3.34	32	0.18	23.90	148	1.4
C201780		0.39	1.84	33	0.18	32.90	131	1.3
C201781		0.14	1.17	9	0.10	8.54	31	1.7
C201782		0.14	0.69	33	0.22	5.49	49	<0.5
C201783		0.45	1.72	18	0.07	13.75	75	2.2
C201784		0.20	1.38	10	<0.05	5.53	62	1.9
C201785		0.24	0.70	16	0.09	6.76	76	0.9
C201786		0.23	0.93	19	0.08	8.29	60	1.9
C201788		0.15	4.14	30	0.60	10.60	71	<0.5
C201789		0.15	4.90	35	0.39	17.35	66	0.6
C201790		0.15	1.88	30	0.55	4.27	47	<0.5
C201791		0.15	2.06	34	0.50	4.74	47	<0.5
C201792		0.22	2.52	30	0.65	8.16	75	<0.5

Comments: NSS is non-sufficient sample.

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Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
C201793		0.32	<0.005	0.08	1.78	7.8	<10	110	1.50	0.43	1.65	0.20	37.80	12.7	24	3.63
C201794		0.36	<0.005	0.03	1.37	5.6	<10	120	0.31	0.53	0.42	0.22	26.10	9.4	23	3.77
C201795		0.34	<0.005	0.07	1.32	11.2	10	100	0.78	0.72	2.35	0.22	26.20	13.6	19	4.20
C201796		0.26	<0.005	0.12	1.58	14.4	10	150	1.16	1.08	2.07	0.24	26.10	15.1	22	3.56
C201797		0.30	<0.005	0.06	1.16	8.0	<10	100	0.80	0.76	2.25	0.49	22.70	12.2	15	2.94
C201798		0.40	<0.005	0.15	1.43	89.4	<10	110	0.80	4.23	2.15	0.42	27.70	45.7	20	3.79
C201799		0.38	<0.005	1.06	1.74	289.0	<10	100	1.24	15.60	1.77	1.22	40.10	56.7	22	3.01
C201800		0.34	0.036	0.12	0.44	16.4	<10	60	0.36	0.51	3.05	0.32	7.88	7.7	5	1.40
C201801		0.34	0.007	0.19	1.19	75.7	<10	80	0.83	1.87	2.07	0.52	22.20	17.0	18	3.05
C201802		0.42	<0.005	0.21	1.37	112.5	<10	80	0.79	2.85	0.86	0.73	32.20	22.4	24	2.96
C201803		0.38	0.005	0.09	2.12	29.6	<10	100	0.86	2.28	0.15	0.06	36.30	22.5	61	3.22
C201804		0.44	<0.005	0.11	1.77	17.7	<10	130	0.97	1.84	0.19	0.14	35.10	18.8	22	1.71
C201805		0.60	<0.005	0.05	1.44	13.2	<10	90	0.71	0.88	0.09	0.14	35.60	14.8	21	1.38
C201806		0.54	0.007	0.08	1.66	19.4	<10	140	0.84	1.05	0.14	0.23	40.40	17.9	24	1.50
C201807		0.38	<0.005	0.10	1.95	18.7	<10	190	0.92	1.63	0.25	0.20	36.60	18.6	28	1.92
C201808		0.52	0.005	0.07	1.60	18.2	<10	150	0.73	1.96	0.31	0.25	41.40	17.2	28	1.58
C201809		0.50	<0.005	0.08	1.56	16.1	<10	130	0.65	1.26	0.19	0.16	32.00	14.6	23	1.51
C201810		0.46	0.005	0.08	1.00	10.1	<10	150	0.30	0.76	0.27	0.16	21.10	9.1	17	1.14
C201811		0.56	0.017	0.09	0.92	10.9	<10	140	0.29	0.80	0.30	0.19	22.60	9.0	15	0.99
C201812		0.44	<0.005	0.05	1.04	10.2	<10	50	0.23	1.24	0.07	0.10	30.80	7.8	17	1.14
C201813		0.64	0.006	0.05	1.07	12.5	<10	100	0.46	0.92	0.26	0.25	39.40	14.8	20	0.93
C201814		0.56	<0.005	0.31	1.51	10.6	<10	80	0.47	0.71	0.08	0.08	32.70	9.1	22	1.34
C201815		0.56	0.006	0.17	2.04	18.4	<10	200	1.10	1.01	0.09	0.12	41.10	20.2	26	1.93
C201816		0.56	0.005	0.14	0.97	15.4	<10	50	0.32	1.44	0.08	0.09	55.90	11.1	10	0.82
C201817		0.48	<0.005	0.12	0.98	13.6	<10	80	0.34	1.23	0.11	0.05	39.80	9.4	11	0.90
C201818		0.48	<0.005	0.10	0.71	10.3	<10	60	0.23	1.32	0.08	0.09	35.00	8.0	11	0.78
C201819		0.48	<0.005	0.10	1.91	16.9	<10	70	0.62	1.84	0.09	0.16	31.30	23.4	23	1.31
C201820		0.68	<0.005	0.08	1.42	13.6	<10	40	0.27	1.01	0.04	0.07	30.80	7.8	18	1.43
C201821		0.48	<0.005	0.06	1.70	16.9	<10	80	0.46	0.94	0.05	0.10	30.10	11.1	23	1.67
C201822		0.44	0.005	0.13	0.74	16.0	<10	50	0.28	1.72	0.06	0.09	30.00	8.2	11	1.49
C201823		0.50	<0.005	0.06	1.55	21.7	<10	120	0.76	1.84	0.08	0.09	36.50	15.2	20	1.70
C201824		0.56	<0.005	0.04	0.67	21.6	<10	20	0.21	2.31	0.04	0.04	46.70	6.5	9	1.10
C201825		0.70	<0.005	0.09	1.10	13.8	<10	60	0.38	2.29	0.09	0.13	48.00	13.5	14	0.91
C201551		0.42	0.007	0.11	1.48	12.0	<10	140	0.52	0.56	2.14	0.20	29.30	11.3	23	1.00
C201552		0.28	0.019	0.14	1.90	15.3	<10	140	0.92	1.22	0.67	0.26	28.80	16.2	25	1.55
C201553		0.40	0.005	0.18	1.32	19.0	<10	180	0.86	0.69	3.77	0.32	25.60	14.3	19	0.96
C201554		0.36	0.019	0.10	1.71	9.7	<10	870	0.70	0.56	1.41	0.13	39.70	14.9	34	1.41
C201555		0.32	0.011	0.10	1.70	9.5	<10	190	0.76	0.55	3.70	0.13	36.50	17.8	38	1.70
C201556		0.42	<0.005	0.05	1.53	6.6	<10	90	0.50	0.25	0.52	0.24	27.80	9.5	23	1.15
C201557		0.30	<0.005	0.07	1.60	6.9	<10	80	0.42	0.23	0.23	0.08	29.30	9.1	26	1.34

Comments: NSS is non-sufficient sample.

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	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C201793		26.7	2.27	6.46	0.10	0.03	0.14	0.038	0.08	22.7	28.9	0.92	1390	0.61	0.01	1.68
C201794		15.2	2.38	6.36	0.06	0.02	0.06	0.014	0.13	13.4	17.1	0.72	739	0.90	<0.01	2.15
C201795		35.8	2.03	3.84	0.08	0.03	0.10	0.026	0.06	15.0	17.6	0.63	1545	0.80	<0.01	1.43
C201796		45.6	2.40	4.38	0.07	0.04	0.11	0.027	0.07	16.0	19.2	0.70	2090	1.53	<0.01	1.21
C201797		43.7	1.90	2.93	0.07	0.04	0.10	0.020	0.05	14.6	14.5	0.52	1475	0.79	<0.01	1.09
C201798		184.0	2.71	3.81	0.08	0.03	0.08	0.041	0.06	14.6	17.2	0.62	1785	1.68	0.01	1.17
C201799		366.0	3.63	5.49	0.11	0.04	0.14	0.060	0.06	24.2	29.4	0.75	2020	1.85	<0.01	1.40
C201800		72.4	0.87	1.12	0.05	0.02	0.12	0.010	0.03	4.6	3.3	0.24	661	0.75	<0.01	0.35
C201801		156.0	1.96	3.34	0.08	0.03	0.08	0.023	0.08	13.8	15.2	0.61	800	0.74	0.01	1.19
C201802		118.0	2.69	3.98	0.08	0.03	0.05	0.032	0.08	17.2	19.3	0.71	969	1.11	0.01	1.33
C201803		80.3	4.58	4.91	0.08	0.05	0.04	0.054	0.08	18.4	17.2	0.75	729	1.20	<0.01	1.01
C201804		46.1	3.69	3.93	0.08	0.03	0.06	0.043	0.09	17.6	11.8	0.44	1570	1.19	<0.01	0.67
C201805		37.3	2.83	3.26	0.08	0.03	0.07	0.026	0.06	16.8	10.4	0.41	892	0.98	<0.01	0.69
C201806		54.0	3.16	4.10	0.09	0.02	0.05	0.032	0.07	19.7	13.3	0.46	1275	1.13	<0.01	0.78
C201807		62.9	3.66	4.30	0.09	0.04	0.07	0.037	0.11	20.7	13.3	0.55	1595	1.55	<0.01	0.74
C201808		47.4	3.75	4.23	0.09	0.02	0.07	0.034	0.09	20.4	11.2	0.54	1185	1.11	<0.01	0.71
C201809		43.0	3.12	3.73	0.07	0.02	0.05	0.032	0.08	15.8	10.2	0.45	1150	0.96	<0.01	0.68
C201810		27.4	2.52	3.32	0.06	<0.02	0.08	0.021	0.06	11.0	4.9	0.26	703	0.96	<0.01	0.50
C201811		28.8	2.43	3.07	0.05	<0.02	0.10	0.021	0.06	11.5	4.9	0.26	715	0.88	<0.01	0.47
C201812		26.6	2.63	3.20	0.06	<0.02	0.09	0.025	0.05	15.0	4.4	0.24	537	0.95	<0.01	0.58
C201813		32.4	3.04	2.79	0.08	0.02	0.04	0.024	0.07	19.0	7.7	0.41	946	0.85	<0.01	0.56
C201814		26.0	2.71	5.09	0.05	0.04	0.02	0.027	0.04	16.3	12.4	0.34	310	0.87	<0.01	1.45
C201815		97.1	3.30	5.57	0.07	0.08	0.04	0.043	0.07	21.6	15.2	0.51	828	1.25	<0.01	1.16
C201816		83.6	2.59	3.37	0.08	0.06	0.02	0.023	0.07	26.9	6.1	0.36	485	0.87	<0.01	0.47
C201817		50.0	2.53	4.57	0.05	0.02	0.02	0.017	0.05	18.9	5.0	0.18	298	0.83	<0.01	0.79
C201818		50.8	1.83	2.75	0.05	<0.02	0.04	0.017	0.05	17.0	4.7	0.27	294	0.66	<0.01	0.40
C201819		90.1	2.87	4.13	0.05	0.09	0.05	0.038	0.04	15.3	13.5	0.34	667	1.04	<0.01	1.28
C201820		22.2	2.95	4.87	0.05	0.06	0.02	0.024	0.05	15.4	8.9	0.25	461	1.18	<0.01	1.54
C201821		38.8	3.09	5.71	0.06	0.11	0.05	0.033	0.07	15.1	13.8	0.35	442	1.36	<0.01	1.56
C201822		43.7	2.37	3.46	<0.05	<0.02	0.03	0.030	0.05	14.4	4.5	0.19	557	0.99	<0.01	0.57
C201823		110.0	3.06	4.79	0.05	0.05	0.03	0.038	0.07	18.0	11.9	0.46	499	0.96	<0.01	0.99
C201824		35.6	3.75	6.14	0.07	0.02	0.01	0.024	0.03	22.9	2.0	0.14	442	0.99	<0.01	1.08
C201825		73.3	2.30	3.44	0.06	0.04	0.02	0.023	0.05	23.4	7.4	0.35	664	0.78	<0.01	0.75
C201551		23.4	2.80	4.07	0.07	0.09	0.05	0.045	0.09	15.3	15.8	1.92	1290	1.88	0.02	0.77
C201552		57.5	3.73	6.21	0.08	0.09	0.08	0.073	0.10	15.6	28.2	1.17	1850	4.47	0.01	0.68
C201553		58.1	2.60	3.76	0.06	0.12	0.05	0.050	0.10	13.4	16.5	2.64	1440	4.32	0.01	0.73
C201554		21.9	3.80	6.34	0.09	0.09	0.05	0.059	0.12	21.5	29.6	1.92	1210	1.86	0.01	1.31
C201555		29.5	3.38	6.19	0.10	0.09	0.04	0.055	0.11	18.6	29.3	3.54	1330	1.76	0.01	1.39
C201556		8.3	3.05	6.47	0.07	0.04	0.03	0.046	0.11	14.6	26.5	1.40	864	0.77	<0.01	0.69
C201557		8.1	3.48	7.40	0.07	0.02	0.02	0.044	0.11	15.0	33.4	1.26	545	0.72	<0.01	0.81

Comments: NSS is non-sufficient sample.

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Finalized Date: 24-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065021

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C201793		28.1	940	20.7	19.6	<0.001	0.11	0.71	4.2	1.2	0.6	22.9	0.01	0.05	5.9	0.050
C201794		19.0	410	21.1	23.3	<0.001	0.05	0.64	2.0	0.4	1.0	13.2	<0.01	0.04	2.4	0.117
C201795		18.9	880	19.2	19.2	<0.001	0.14	0.67	2.7	1.0	0.4	20.7	0.01	0.05	3.6	0.047
C201796		22.3	1030	22.2	18.6	<0.001	0.14	0.91	3.0	1.2	0.4	22.0	0.01	0.05	3.5	0.044
C201797		14.9	980	20.8	20.5	<0.001	0.14	0.58	2.1	1.1	0.3	17.8	0.01	0.04	2.7	0.037
C201798		24.9	1020	40.7	18.7	<0.001	0.16	0.77	2.4	1.0	0.4	17.5	0.01	0.06	2.9	0.043
C201799		29.5	1330	175.5	19.1	<0.001	0.16	1.36	3.0	1.3	0.5	17.0	0.01	0.08	3.7	0.042
C201800		7.9	1000	19.0	7.5	<0.001	0.25	0.69	1.0	0.9	<0.2	17.2	<0.01	0.03	1.3	0.012
C201801		20.7	890	47.5	20.7	<0.001	0.12	0.82	2.6	1.1	0.4	16.4	0.01	0.05	4.2	0.043
C201802		25.5	790	100.0	19.2	<0.001	0.05	0.78	3.4	0.8	0.5	15.4	<0.01	0.04	6.2	0.065
C201803		43.0	400	15.0	11.8	<0.001	0.02	1.08	4.5	0.4	0.4	9.4	<0.01	0.05	12.6	0.025
C201804		23.3	670	15.6	14.7	<0.001	0.04	0.75	2.4	0.7	0.4	10.8	<0.01	0.04	4.9	0.023
C201805		25.6	540	11.8	9.9	<0.001	0.04	0.84	2.0	0.6	0.4	7.9	<0.01	0.04	3.2	0.031
C201806		28.8	620	20.7	12.8	<0.001	0.03	0.85	2.8	0.6	0.5	11.2	<0.01	0.04	3.6	0.037
C201807		27.6	790	18.6	17.1	<0.001	0.05	0.80	3.1	0.7	0.4	13.8	<0.01	0.04	4.9	0.027
C201808		27.4	890	17.0	13.2	<0.001	0.06	1.02	2.6	0.6	0.4	16.7	<0.01	0.05	3.2	0.037
C201809		24.2	570	14.6	12.6	<0.001	0.03	0.73	2.6	0.5	0.4	12.4	<0.01	0.04	4.2	0.033
C201810		13.7	820	11.2	10.7	<0.001	0.09	0.82	1.1	0.5	0.4	13.4	<0.01	0.04	0.4	0.032
C201811		13.1	740	11.2	10.0	<0.001	0.08	0.83	1.1	0.5	0.3	13.5	<0.01	0.04	0.5	0.026
C201812		12.9	410	8.6	8.4	<0.001	0.05	0.89	1.2	0.6	0.4	6.0	<0.01	0.05	0.9	0.030
C201813		21.0	690	11.6	7.1	<0.001	0.03	1.00	1.9	0.4	0.3	14.8	<0.01	0.03	3.1	0.040
C201814		17.1	260	11.6	10.8	<0.001	0.01	0.52	2.6	0.2	0.5	9.0	<0.01	0.03	5.0	0.043
C201815		28.8	340	17.6	15.0	<0.001	0.02	0.73	4.4	0.4	0.5	10.4	<0.01	0.05	7.9	0.031
C201816		11.6	250	9.7	8.6	<0.001	0.01	0.62	1.6	0.3	0.2	5.3	<0.01	0.03	12.2	0.015
C201817		10.2	320	8.6	10.7	<0.001	0.02	0.51	1.3	0.3	0.4	6.1	<0.01	0.04	5.3	0.022
C201818		11.2	380	9.9	7.1	<0.001	0.03	0.68	1.2	0.4	0.2	8.6	<0.01	0.02	1.5	0.019
C201819		21.0	500	24.7	9.7	<0.001	0.02	0.72	2.7	0.6	0.3	9.2	0.01	0.03	9.0	0.032
C201820		11.0	330	11.4	11.2	<0.001	0.01	0.61	1.8	0.6	0.5	5.6	<0.01	0.03	6.6	0.034
C201821		17.4	340	17.2	15.8	<0.001	0.02	0.67	2.6	0.5	0.5	7.1	<0.01	0.04	9.3	0.031
C201822		11.9	490	9.9	11.2	<0.001	0.03	0.82	1.2	0.5	0.3	5.7	<0.01	0.04	2.1	0.023
C201823		22.5	290	13.1	12.6	<0.001	0.01	0.68	2.5	0.2	0.4	8.8	<0.01	0.03	8.4	0.028
C201824		6.7	460	7.3	7.7	<0.001	0.01	0.86	1.3	0.2	0.4	3.2	<0.01	0.05	9.2	0.027
C201825		17.8	500	11.8	7.6	<0.001	0.01	0.69	2.1	0.4	0.3	7.5	<0.01	0.03	9.1	0.029
C201551		27.3	820	11.2	12.9	<0.001	0.02	0.80	4.5	0.4	0.4	24.8	<0.01	0.08	4.7	0.059
C201552		30.6	1010	25.6	18.7	<0.001	0.07	1.86	5.5	1.0	0.5	14.8	<0.01	0.24	4.3	0.033
C201553		29.6	880	19.0	9.9	<0.001	0.05	1.56	4.2	0.7	0.3	30.9	<0.01	0.04	4.6	0.030
C201554		52.1	1270	10.2	19.7	0.001	0.05	0.77	6.8	0.5	0.5	45.8	<0.01	0.06	5.7	0.076
C201555		58.0	1110	8.9	20.9	<0.001	0.04	0.61	6.4	0.4	0.5	47.6	<0.01	0.05	4.9	0.082
C201556		26.2	650	7.1	25.8	<0.001	0.04	0.47	4.8	0.3	0.5	10.2	<0.01	0.03	4.6	0.059
C201557		31.0	390	6.4	28.9	<0.001	0.01	0.49	4.0	0.2	0.6	9.4	<0.01	0.03	5.5	0.068

Comments: NSS is non-sufficient sample.

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Finalized Date: 24-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065021

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C201793		0.16	3.13	29	0.37	16.70	65	0.6
C201794		0.26	0.73	42	0.24	4.00	69	0.5
C201795		0.18	3.75	24	0.30	12.05	87	0.7
C201796		0.17	4.73	30	0.41	13.40	82	0.8
C201797		0.14	2.72	22	0.26	11.30	104	0.9
C201798		0.25	6.07	28	0.16	9.99	152	0.6
C201799		0.28	4.38	30	0.24	15.15	288	0.8
C201800		0.14	1.16	9	0.06	3.63	53	0.9
C201801		0.13	6.90	24	0.18	10.10	220	0.8
C201802		0.15	4.28	33	0.23	10.00	421	0.8
C201803		0.12	1.48	56	0.18	4.11	55	2.2
C201804		0.13	2.66	39	0.19	8.12	59	0.8
C201805		0.12	1.38	36	0.22	5.21	57	0.7
C201806		0.14	2.06	43	0.24	7.35	65	<0.5
C201807		0.15	2.83	42	0.25	12.40	64	0.8
C201808		0.11	1.92	48	0.27	6.75	65	0.6
C201809		0.11	2.07	41	0.22	6.28	58	0.5
C201810		0.12	0.94	38	0.20	2.98	48	<0.5
C201811		0.09	0.93	33	0.23	2.69	46	<0.5
C201812		0.11	1.14	34	0.16	2.78	36	<0.5
C201813		0.08	1.64	36	0.30	4.91	51	<0.5
C201814		0.10	1.12	44	0.20	3.89	38	1.0
C201815		0.14	2.97	43	0.22	12.60	57	1.7
C201816		0.10	1.22	18	0.09	2.88	23	1.7
C201817		0.10	0.81	33	0.15	2.23	21	<0.5
C201818		0.07	1.18	23	0.21	2.93	27	<0.5
C201819		0.11	1.11	37	0.25	3.68	47	2.3
C201820		0.14	0.79	40	0.20	2.12	33	1.5
C201821		0.14	1.00	45	0.21	2.55	45	3.1
C201822		0.12	1.19	27	0.16	2.35	31	<0.5
C201823		0.11	1.50	35	0.15	3.87	45	1.3
C201824		0.08	1.10	36	0.18	2.17	25	0.7
C201825		0.08	1.22	28	0.20	3.91	38	1.0
C201551		0.12	1.10	44	0.22	9.69	58	2.5
C201552		0.13	3.53	42	0.22	14.75	77	1.9
C201553		0.13	1.48	33	0.14	11.00	69	3.0
C201554		0.10	1.68	54	0.24	15.50	46	2.2
C201555		0.11	1.32	54	0.16	10.75	41	2.5
C201556		0.08	1.82	37	0.19	5.86	44	1.0
C201557		0.07	1.24	43	0.25	2.79	34	0.9

Comments: NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06065021

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C201558		0.26	0.030	0.06	1.80	5.5	<10	120	0.53	0.21	0.75	0.22	34.00	13.1	24	1.64
C201559		0.30	0.023	0.04	2.58	7.9	<10	110	0.88	0.36	0.32	0.40	36.90	20.7	31	2.40
C201560		0.32	0.008	0.04	2.43	5.8	<10	170	0.85	0.31	0.68	0.22	34.90	20.2	34	2.36
C201561		0.34	0.012	0.06	2.33	6.6	<10	140	0.98	0.17	0.54	0.10	60.00	22.6	27	1.96
C201562		0.44	0.009	0.03	2.39	8.1	<10	140	1.08	0.14	0.50	0.08	31.40	23.1	28	1.90
C201563		0.34	0.007	0.03	2.12	8.7	<10	170	0.98	0.23	0.43	0.10	46.70	25.3	30	1.71
C201564		0.32	0.011	0.09	2.26	8.1	<10	260	1.03	0.30	0.53	0.16	36.20	28.5	29	2.10
C201565		0.40	0.012	0.09	0.87	12.1	<10	120	0.59	1.32	0.41	0.33	26.70	6.9	10	1.23
C201566		0.42	0.013	0.06	1.10	22.8	<10	30	0.73	0.49	0.08	0.11	40.50	11.2	15	0.76
C201567		0.44	0.008	0.05	1.85	15.2	<10	50	0.69	0.57	0.05	0.09	32.10	8.4	21	1.31
C201568		0.44	<0.005	0.05	0.88	12.3	<10	20	0.18	0.44	0.03	0.07	33.30	3.5	13	1.06
C201569		0.48	<0.005	0.05	1.88	9.9	<10	20	0.38	0.21	0.03	0.03	32.80	4.8	15	0.48
C201570		0.52	<0.005	0.03	0.63	7.4	<10	20	0.18	0.36	0.02	0.03	54.90	2.5	11	0.49
C201571		0.34	0.005	0.03	0.86	6.2	<10	20	0.30	0.24	0.03	0.05	36.30	3.4	11	0.52
C201572		0.46	<0.005	0.06	1.26	11.8	<10	40	0.36	0.52	0.02	0.07	33.10	5.2	18	0.95
C201573		0.46	0.006	0.06	1.42	12.0	<10	40	0.42	0.52	0.03	0.06	30.70	5.6	20	0.98
C201574		0.32	NSS	0.08	0.62	34.1	<10	30	0.19	0.95	0.03	0.05	35.60	10.6	11	1.68
C201575		0.56	<0.005	0.03	0.57	34.3	<10	20	0.42	1.62	0.01	0.03	46.60	22.2	10	1.27
C201576		0.60	<0.005	0.04	2.29	25.3	<10	120	1.27	0.90	0.07	0.18	54.00	30.8	30	2.17
C201577		0.72	<0.005	0.06	0.24	35.4	<10	30	0.84	2.51	0.03	0.02	41.70	42.1	6	0.61
C201578		0.50	0.005	0.18	0.64	60.4	<10	30	1.40	3.69	0.03	0.05	79.90	51.5	10	1.73
C201579		0.54	0.008	0.07	2.09	80.1	<10	60	3.67	3.84	0.02	0.11	349.00	112.0	14	3.22
C201580		0.48	<0.005	0.21	0.68	88.0	<10	70	1.36	4.18	0.64	0.11	22.40	59.8	6	1.32
C201581		0.52	<0.005	0.13	0.81	78.7	<10	40	1.27	2.77	0.05	0.04	53.00	50.4	10	1.15
C201582		0.40	<0.005	0.08	1.50	48.1	<10	60	1.26	2.05	0.03	0.15	46.30	40.3	18	1.88
C201583		0.56	<0.005	0.05	1.36	31.5	<10	40	0.68	0.94	0.03	0.09	44.90	20.5	18	1.21
C201584		0.50	<0.005	0.04	1.33	22.3	<10	50	0.85	0.83	0.01	0.03	54.40	14.9	16	0.89
C201585		0.50	<0.005	0.04	1.44	18.8	<10	60	0.72	0.79	0.01	0.08	53.10	17.8	17	1.01
C201586		0.54	<0.005	0.03	1.51	20.1	<10	60	0.60	0.76	0.01	0.03	55.60	14.0	18	1.09
C201587		0.56	<0.005	0.04	1.68	22.7	<10	70	0.76	0.75	0.01	0.05	50.20	19.5	20	1.22
C201588		0.58	<0.005	0.03	1.21	23.6	<10	50	0.61	0.79	0.01	0.03	48.00	16.2	15	0.90
C201589		0.52	<0.005	0.06	1.43	25.2	<10	60	0.68	0.96	0.02	0.06	52.50	15.3	16	1.36
C201591		0.54	<0.005	0.06	1.06	16.0	<10	50	0.55	0.60	0.05	0.09	81.70	20.6	14	0.90
C201592		0.54	<0.005	0.07	1.12	18.8	<10	50	0.75	0.72	0.08	0.09	79.50	21.2	15	1.08
C201593		0.42	<0.005	0.07	0.59	25.2	<10	30	0.30	1.05	0.04	0.12	60.10	13.7	10	0.51
C201594		0.56	0.007	0.13	0.53	29.7	<10	20	0.29	1.36	0.04	0.14	65.70	18.2	9	0.54
C201595		0.50	<0.005	0.04	0.81	15.8	<10	10	0.33	0.74	0.04	0.05	81.40	12.2	12	0.37
C201596		0.44	<0.005	0.07	0.89	14.8	<10	20	0.21	0.57	0.04	0.05	35.50	10.1	14	0.36
C201597		0.44	0.005	0.59	0.59	132.0	<10	870	1.80	1.98	0.71	0.21	16.95	102.5	9	2.79
C201598		0.50	0.007	0.07	0.52	5.3	<10	2080	1.48	0.51	0.35	0.22	40.50	15.7	12	2.23

Comments: NSS is non-sufficient sample.

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Finalized Date: 24-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065021

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C201558		9.9	3.53	7.68	0.07	0.02	0.04	0.053	0.12	17.8	31.8	1.40	1000	0.78	0.01	0.87
C201559		13.9	5.03	10.55	0.10	0.05	0.03	0.080	0.17	18.5	52.9	2.13	727	0.98	0.01	1.46
C201560		19.8	4.28	9.20	0.08	0.04	0.03	0.072	0.17	17.5	38.7	2.13	1140	0.71	0.01	1.19
C201561		9.8	3.98	9.31	0.11	0.03	0.02	0.057	0.21	37.3	35.9	2.55	680	0.49	0.01	1.56
C201562		15.3	3.94	9.33	0.12	0.04	0.02	0.062	0.18	17.8	35.8	2.93	499	0.33	<0.01	1.40
C201563		19.0	4.15	8.07	0.12	0.06	0.02	0.060	0.17	25.9	32.3	2.51	855	0.53	0.01	1.14
C201564		17.4	3.68	9.47	0.12	0.05	0.03	0.070	0.16	19.3	33.4	2.28	1170	0.67	0.01	1.24
C201565		12.8	4.51	4.96	0.08	0.03	0.06	0.099	0.05	13.8	8.0	0.37	2740	2.35	<0.01	0.41
C201566		29.2	2.16	3.61	0.06	0.02	0.03	0.016	0.04	19.5	17.4	0.75	237	1.13	<0.01	0.53
C201567		16.6	4.08	7.28	0.07	0.06	0.05	0.030	0.05	15.5	24.6	0.69	249	2.56	<0.01	1.11
C201568		10.0	1.80	6.70	0.05	<0.02	0.05	0.011	0.04	15.8	7.5	0.37	111	1.99	<0.01	0.72
C201569		9.3	2.20	5.17	0.05	0.04	0.01	0.006	0.04	15.7	27.7	1.67	68	1.86	<0.01	0.19
C201570		6.8	2.35	6.60	0.06	0.02	0.01	0.009	0.03	26.2	4.9	0.26	92	1.15	<0.01	0.73
C201571		8.4	1.41	3.46	<0.05	<0.02	0.02	0.005	0.04	17.2	10.0	0.53	63	0.80	<0.01	0.20
C201572		13.5	4.09	7.05	0.07	0.02	0.04	0.019	0.05	16.4	14.4	0.29	233	1.34	<0.01	0.86
C201573		13.9	4.37	6.42	0.05	0.03	0.04	0.019	0.05	15.2	16.3	0.35	245	1.31	<0.01	0.87
C201574		29.3	2.61	5.55	0.05	<0.02	0.04	0.025	0.04	17.6	1.9	0.06	333	3.91	<0.01	0.96
C201575		47.9	4.66	4.08	0.08	<0.02	0.02	0.065	0.03	21.3	2.7	0.07	524	2.46	<0.01	0.59
C201576		56.7	4.28	6.66	0.08	0.03	0.04	0.052	0.07	24.3	23.6	0.49	853	2.55	<0.01	1.28
C201577		64.2	4.91	0.80	0.08	0.05	0.02	0.032	0.03	21.4	2.2	0.09	830	2.55	<0.01	0.05
C201578		102.5	5.82	2.08	0.12	0.05	0.05	0.047	0.03	40.9	10.2	0.18	1010	3.29	<0.01	0.13
C201579		222.0	7.25	5.16	0.34	0.12	0.03	0.107	0.05	143.5	36.7	0.35	2820	6.74	<0.01	0.22
C201580		130.0	8.23	1.74	0.11	0.12	0.06	0.159	0.05	11.6	3.3	0.18	6480	6.41	<0.01	0.19
C201581		125.5	6.18	2.17	0.10	0.03	0.03	0.060	0.04	25.9	9.4	0.22	1250	5.49	<0.01	0.21
C201582		84.2	4.73	4.02	0.07	0.03	0.07	0.049	0.06	20.0	15.6	0.25	1040	3.52	<0.01	0.53
C201583		51.2	4.19	4.16	0.07	0.04	0.05	0.041	0.04	20.4	17.3	0.26	661	1.98	<0.01	0.73
C201584		51.6	4.00	3.63	0.08	0.04	0.02	0.034	0.07	27.6	16.3	0.29	567	1.41	<0.01	0.27
C201585		52.2	3.98	4.13	0.09	0.05	0.04	0.034	0.08	26.1	17.8	0.29	584	1.28	<0.01	0.27
C201586		46.8	3.89	4.74	0.08	0.05	0.03	0.031	0.08	27.8	19.2	0.30	371	1.59	<0.01	0.25
C201587		57.3	3.88	4.73	0.07	0.06	0.02	0.032	0.09	24.5	19.8	0.35	485	1.40	<0.01	0.38
C201588		47.4	3.89	3.81	0.08	0.03	0.03	0.033	0.06	23.7	13.5	0.26	512	1.76	<0.01	0.27
C201589		52.9	4.45	4.23	0.07	0.03	0.06	0.036	0.07	24.6	13.2	0.24	809	2.14	<0.01	0.52
C201591		46.5	3.48	3.14	0.09	0.03	0.03	0.018	0.08	35.2	16.0	0.26	1200	1.01	<0.01	1.06
C201592		45.4	3.50	3.55	0.09	0.02	0.02	0.025	0.07	35.1	18.0	0.28	773	1.14	<0.01	1.24
C201593		46.8	2.75	2.20	0.06	0.02	0.03	0.021	0.05	20.9	8.2	0.15	785	1.04	<0.01	0.86
C201594		51.1	2.96	2.09	0.08	<0.02	0.02	0.022	0.05	25.9	8.0	0.15	1280	1.09	<0.01	1.02
C201595		48.1	2.54	2.63	0.08	0.02	0.02	0.015	0.03	35.8	14.5	0.27	276	1.14	<0.01	1.12
C201596		32.2	2.55	2.88	0.05	<0.02	0.03	0.012	0.03	16.2	14.7	0.25	355	1.30	<0.01	0.39
C201597		393.0	5.13	1.72	0.08	0.11	0.11	0.229	0.09	7.3	7.7	0.24	3670	2.19	<0.01	0.25
C201598		35.6	3.45	1.73	0.06	0.07	0.09	0.142	0.08	20.6	5.0	0.16	2930	1.08	<0.01	0.33

Comments: NSS is non-sufficient sample.

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Finalized Date: 24-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065021

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C201558		30.3	910	6.1	30.3	<0.001	0.06	0.38	4.0	0.5	0.6	10.5	<0.01	0.03	4.1	0.058
C201559		44.7	700	9.0	42.1	<0.001	0.03	0.40	6.1	0.3	0.8	9.3	<0.01	0.05	7.5	0.102
C201560		39.2	650	7.9	40.5	<0.001	0.05	0.37	6.0	0.3	0.7	11.2	<0.01	0.06	4.9	0.115
C201561		38.4	680	5.1	29.7	<0.001	0.03	0.32	4.9	0.4	0.7	11.8	<0.01	0.03	6.2	0.108
C201562		34.2	780	3.5	24.2	<0.001	0.02	0.25	5.7	0.2	0.7	7.4	<0.01	0.02	9.8	0.109
C201563		35.5	830	4.3	32.5	<0.001	0.02	0.36	6.2	0.2	0.7	8.6	<0.01	0.04	9.9	0.103
C201564		44.5	680	7.7	37.6	<0.001	0.04	0.51	5.9	0.4	0.7	12.0	<0.01	0.06	4.9	0.092
C201565		9.4	910	17.6	12.4	<0.001	0.07	0.77	1.7	0.7	0.4	6.2	<0.01	0.09	1.3	0.021
C201566		19.4	610	6.6	5.0	<0.001	0.03	0.72	1.1	0.3	0.2	5.5	<0.01	0.03	5.0	0.020
C201567		15.0	420	12.5	9.3	<0.001	0.02	0.94	2.3	0.5	0.5	5.6	<0.01	0.07	7.5	0.028
C201568		8.2	520	7.6	8.8	<0.001	0.03	0.70	1.1	0.4	0.5	5.0	<0.01	0.04	1.4	0.022
C201569		14.7	250	2.7	5.4	<0.001	0.01	0.55	1.1	0.3	0.2	2.4	<0.01	0.04	13.2	0.008
C201570		5.6	320	4.2	7.2	<0.001	0.01	0.48	0.9	0.2	0.3	3.0	<0.01	0.07	9.3	0.026
C201571		9.1	280	2.9	7.3	<0.001	0.01	0.53	0.9	<0.2	0.2	2.6	<0.01	0.03	9.1	0.008
C201572		9.0	490	7.6	9.4	<0.001	0.02	0.67	1.3	0.4	0.4	3.4	<0.01	0.04	9.5	0.018
C201573		10.2	510	8.2	9.2	<0.001	0.02	0.69	1.3	0.4	0.4	3.4	<0.01	0.05	9.9	0.018
C201574		16.7	650	8.8	8.0	<0.001	0.06	1.18	1.1	0.6	0.7	4.3	<0.01	0.08	1.1	0.019
C201575		27.2	390	9.7	5.1	<0.001	0.03	1.23	1.7	0.6	0.3	2.2	0.01	0.12	4.7	0.015
C201576		35.6	620	17.8	12.2	<0.001	0.03	1.16	2.7	1.0	0.6	10.6	<0.01	0.10	2.8	0.035
C201577		44.5	410	2.9	2.8	<0.001	0.06	1.04	3.0	0.8	<0.2	4.0	<0.01	0.15	15.4	<0.005
C201578		56.0	600	4.3	4.3	<0.001	0.04	2.52	2.6	1.2	<0.2	3.5	<0.01	0.24	13.5	<0.005
C201579		137.5	820	11.1	9.7	0.001	0.03	2.99	4.3	2.0	0.2	4.8	0.01	0.30	28.8	<0.005
C201580		43.6	1000	9.7	7.6	<0.001	0.07	2.47	4.0	1.5	<0.2	11.1	0.01	0.14	8.9	<0.005
C201581		62.8	480	4.3	4.5	<0.001	0.02	2.69	2.5	1.0	<0.2	3.1	<0.01	0.18	17.2	<0.005
C201582		44.1	720	7.9	10.2	<0.001	0.03	1.72	1.8	1.0	0.3	4.5	<0.01	0.17	5.1	0.010
C201583		28.3	570	7.5	7.0	<0.001	0.03	1.00	1.9	0.8	0.2	3.9	0.01	0.09	7.2	0.013
C201584		26.4	500	3.5	7.1	<0.001	0.03	0.77	2.0	0.6	<0.2	2.7	<0.01	0.07	11.9	<0.005
C201585		26.4	470	3.8	8.7	<0.001	0.02	0.75	1.9	0.6	0.2	3.1	<0.01	0.08	13.8	<0.005
C201586		24.9	450	3.9	9.7	<0.001	0.02	0.80	1.9	0.7	0.2	2.6	<0.01	0.08	14.6	<0.005
C201587		29.5	520	5.3	9.7	<0.001	0.02	0.88	2.1	0.7	0.2	3.3	<0.01	0.07	11.0	0.007
C201588		25.0	500	4.1	7.5	<0.001	0.02	0.90	1.8	0.8	0.2	2.4	<0.01	0.08	11.1	0.005
C201589		23.4	650	6.8	9.5	<0.001	0.04	0.97	1.9	0.9	0.3	3.4	<0.01	0.07	6.9	0.009
C201591		21.2	470	8.4	9.8	<0.001	0.02	0.85	1.3	0.5	<0.2	4.3	0.02	0.03	6.9	0.013
C201592		22.3	460	9.7	10.0	<0.001	0.01	0.92	1.7	0.4	0.2	5.4	0.01	0.05	9.1	0.014
C201593		16.6	560	7.0	6.6	<0.001	0.02	1.79	0.8	0.4	<0.2	3.2	0.02	0.04	2.6	0.006
C201594		17.8	440	7.5	5.4	<0.001	0.01	2.41	1.1	0.3	<0.2	2.9	0.02	0.03	8.9	0.009
C201595		20.5	430	6.4	2.9	<0.001	<0.01	0.83	1.4	0.4	<0.2	1.6	0.02	0.03	18.5	<0.005
C201596		17.0	550	6.6	3.4	<0.001	0.01	0.50	1.2	0.4	<0.2	2.3	0.01	0.06	10.4	0.006
C201597		58.6	1470	54.0	8.4	<0.001	0.09	9.76	6.2	0.8	0.2	12.2	0.01	0.07	2.6	0.009
C201598		16.0	1080	7.6	8.6	<0.001	0.08	1.30	3.7	0.6	0.4	21.1	0.01	0.08	2.0	0.013

Comments: NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06065021

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C201558		0.07	1.87	39	0.19	4.31	37	0.6
C201559		0.10	1.80	54	0.19	4.87	48	1.3
C201560		0.09	1.46	61	0.15	4.63	43	1.2
C201561		0.08	1.99	47	0.17	4.55	41	1.0
C201562		0.06	1.40	42	0.15	6.05	33	1.0
C201563		0.08	2.42	47	0.25	6.42	41	1.7
C201564		0.13	2.90	47	0.20	10.05	47	1.2
C201565		0.17	0.73	31	0.12	9.51	42	0.5
C201566		0.04	1.68	20	0.09	3.02	31	0.5
C201567		0.11	1.20	44	0.19	2.51	36	1.6
C201568		0.08	0.66	39	0.18	1.70	22	<0.5
C201569		0.03	0.85	16	0.06	1.98	13	1.1
C201570		0.05	0.62	33	0.12	1.86	14	0.6
C201571		0.03	0.97	14	0.05	1.90	11	<0.5
C201572		0.09	1.00	38	0.12	1.82	25	0.7
C201573		0.09	1.02	37	0.12	1.83	27	0.9
C201574		0.11	1.64	44	0.27	2.93	27	<0.5
C201575		0.06	2.36	21	0.11	4.81	17	<0.5
C201576		0.19	1.65	55	0.24	5.84	90	0.6
C201577		0.02	1.78	8	<0.05	5.20	6	1.6
C201578		0.04	3.44	11	<0.05	7.34	14	0.7
C201579		0.09	10.20	14	0.07	24.30	34	1.5
C201580		0.12	8.02	13	0.08	16.50	26	2.1
C201581		0.04	4.72	8	0.05	5.54	12	0.5
C201582		0.09	2.38	22	0.10	4.37	46	0.5
C201583		0.08	1.70	22	0.11	3.59	34	0.7
C201584		0.05	1.76	12	0.06	3.78	18	0.7
C201585		0.06	1.52	13	0.06	3.19	20	1.0
C201586		0.07	1.18	14	0.06	2.70	14	1.0
C201587		0.09	1.49	18	0.09	3.26	20	1.3
C201588		0.05	1.56	15	0.06	3.00	15	0.7
C201589		0.10	1.78	22	0.09	4.43	27	0.5
C201591		0.09	3.94	12	0.17	9.30	29	<0.5
C201592		0.09	3.09	14	0.18	7.64	27	<0.5
C201593		0.03	2.78	9	0.17	5.93	28	<0.5
C201594		0.04	3.05	9	0.17	6.54	28	<0.5
C201595		0.02	2.72	7	0.14	6.42	20	<0.5
C201596		0.03	2.15	12	0.08	2.87	25	<0.5
C201597		0.23	1.61	15	0.15	15.70	77	2.1
C201598		0.08	1.74	19	0.49	16.05	49	1.2

Comments: NSS is non-sufficient sample.

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700 - 700 PENDER ST.
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Finalized Date: 24-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065021

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
C201599		0.58	0.013	0.10	0.72	6.2	<10	2450	1.38	0.60	0.20	0.18	45.30	11.6	14	1.25
C201600		0.62	<0.005	0.08	1.16	9.1	<10	590	0.66	0.86	0.66	0.14	20.40	12.8	22	4.65
C201601		0.58	0.009	0.04	1.26	15.2	<10	60	1.02	0.42	0.08	0.04	79.50	29.2	20	1.91
C201602		0.56	<0.005	0.03	1.07	3.9	<10	90	1.07	0.23	0.18	0.05	57.80	16.1	18	2.31
C201603		0.48	<0.005	0.01	1.08	2.1	<10	70	0.68	0.15	0.18	0.02	44.20	11.9	17	2.32
C201604		0.46	0.008	0.03	1.15	3.5	<10	90	1.29	0.20	0.25	0.04	37.40	17.7	15	2.65
C201605		0.40	0.010	0.09	0.78	6.1	<10	230	1.01	1.28	0.62	0.03	25.80	26.3	13	1.22
C201606		0.46	0.007	0.16	0.94	10.1	<10	180	0.92	1.40	0.58	0.06	29.30	54.4	51	1.39
C201607		0.40	0.018	0.20	0.47	13.1	<10	240	0.66	1.48	1.33	0.13	33.90	78.2	9	0.79
C201608		0.46	0.014	0.27	1.16	15.0	<10	280	0.77	3.25	0.39	0.14	42.50	67.1	172	0.97
C201609		0.38	<0.005	0.13	1.15	8.8	<10	380	1.19	0.94	1.22	0.24	36.20	23.7	10	0.46
C201610		0.48	<0.005	0.18	0.36	38.4	<10	350	0.54	2.15	0.71	0.94	27.60	40.6	3	0.76
C201611		0.34	<0.005	0.09	0.47	13.8	<10	350	0.57	1.00	1.27	0.89	26.60	13.9	5	0.92
C201612		0.30	<0.005	0.47	0.36	24.8	<10	720	0.53	1.67	2.31	0.65	30.70	26.3	3	1.07
C201613		0.26	0.011	0.08	0.54	11.0	<10	380	0.69	0.70	1.79	0.50	26.10	26.5	26	1.35
C201614		0.36	<0.005	0.07	1.02	5.9	<10	80	0.48	0.25	0.08	0.08	30.50	11.8	37	1.06
C201615		0.42	<0.005	0.08	1.07	5.8	<10	90	0.54	0.26	0.07	0.08	32.70	12.9	39	1.21
C201616		0.26	<0.005	0.05	1.00	12.0	<10	80	0.43	0.56	0.04	0.11	41.60	11.0	24	1.75
C201617		0.38	0.020	0.03	1.46	10.4	<10	90	1.71	0.50	0.06	0.06	63.80	16.2	17	2.89
C201618		0.30	0.010	0.16	1.74	13.0	<10	180	0.88	0.72	0.87	0.36	35.90	12.4	26	1.34
C201651		0.48	0.008	0.29	0.35	43.1	<10	1390	1.07	8.06	0.89	0.11	33.00	60.5	5	2.17
C201652		0.60	0.005	0.16	1.41	17.1	<10	560	1.52	4.02	0.31	0.12	23.80	14.9	22	5.62
C201653		0.66	0.006	0.06	0.73	5.9	<10	110	0.45	1.08	0.12	0.10	26.60	5.3	24	3.18
C201654		0.62	0.006	0.06	1.03	6.7	<10	120	0.66	0.26	1.44	0.19	38.00	9.7	23	1.80
C201655		0.48	<0.005	0.04	1.10	6.1	<10	90	0.77	0.24	0.79	0.13	41.00	10.9	27	2.43
C201656		0.56	<0.005	0.06	1.33	6.5	<10	100	1.10	0.29	0.85	0.17	38.30	12.7	33	2.65
C201657		0.54	0.005	0.08	1.45	7.1	<10	90	1.01	0.25	1.36	0.17	35.70	12.6	29	3.87
C201658		0.52	<0.005	0.07	1.36	6.9	<10	120	1.25	0.25	1.18	0.19	33.80	11.7	26	3.69
C201659		0.46	<0.005	0.07	1.52	6.8	<10	120	1.27	0.35	1.47	0.19	33.20	12.6	25	3.09
C201660		0.54	<0.005	0.07	1.36	6.2	<10	90	0.78	0.22	0.78	0.12	39.00	11.3	28	3.11
C201661		0.58	<0.005	0.03	1.52	4.5	<10	100	1.07	0.23	1.07	0.10	39.70	11.8	30	4.42
C201662		0.76	<0.005	0.04	1.46	5.8	<10	120	1.01	0.16	0.61	0.19	39.10	11.1	30	3.47
C201663		0.62	<0.005	0.01	1.19	3.6	<10	90	1.11	0.15	0.90	0.09	39.00	10.0	28	3.15
C201664		0.54	<0.005	0.03	1.63	5.4	<10	140	1.65	0.18	0.88	0.08	39.30	13.1	34	3.62
C201665		0.60	<0.005	0.02	1.56	6.1	<10	140	2.03	0.17	0.72	0.11	42.10	13.4	36	3.36
C201666		0.54	<0.005	0.06	1.93	8.0	<10	150	2.42	0.27	1.07	0.20	43.80	18.6	42	4.49
C201667		0.48	<0.005	0.03	1.56	8.3	<10	110	0.89	0.22	0.16	0.05	37.90	11.0	28	2.74
C201668		0.48	0.005	0.08	2.04	7.8	<10	190	2.12	0.24	1.02	0.22	56.60	16.0	37	3.99
C201669		0.58	<0.005	0.05	1.33	12.0	<10	30	0.46	1.21	0.02	0.05	36.90	10.7	13	0.79
C201670		0.54	0.007	0.05	1.22	12.7	<10	20	0.36	1.36	0.02	0.04	38.70	9.5	13	0.85

Comments: NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06065021

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C201599		25.0	3.95	2.30	0.07	0.05	0.10	0.168	0.10	26.3	6.4	0.19	2550	1.06	<0.01	0.33
C201600		25.8	3.44	6.48	0.05	0.02	0.06	0.047	0.08	9.3	15.6	0.35	1560	1.28	<0.01	0.85
C201601		51.8	3.74	4.00	0.11	0.03	0.03	0.020	0.03	37.7	35.2	0.64	1480	0.90	<0.01	0.06
C201602		12.8	3.67	3.55	0.08	0.06	0.03	0.022	0.03	27.0	32.0	0.57	1550	1.19	<0.01	0.07
C201603		3.7	2.94	3.48	0.07	0.02	0.03	0.014	0.03	21.1	34.9	0.62	1150	0.55	<0.01	<0.05
C201604		22.6	4.05	3.67	0.08	0.07	0.06	0.036	0.04	18.0	33.8	0.60	2850	3.52	<0.01	0.06
C201605		140.5	4.02	2.79	0.07	0.14	0.05	0.066	0.06	12.8	14.4	0.55	1520	2.90	0.01	0.08
C201606		426.0	6.84	3.14	0.09	0.08	0.07	0.079	0.08	14.2	16.9	0.65	4180	3.37	0.01	0.09
C201607		407.0	10.10	1.56	0.14	0.09	0.14	0.170	0.05	17.1	4.6	0.50	11650	3.69	0.01	0.10
C201608		199.0	6.52	4.30	0.09	0.08	0.23	0.118	0.06	21.5	14.6	1.09	5810	3.34	0.01	0.15
C201609		99.3	8.83	2.85	0.12	0.15	0.14	0.338	0.04	16.0	13.0	0.60	17200	1.58	0.01	0.13
C201610		83.3	4.72	1.11	0.08	0.08	0.06	0.073	0.05	13.0	2.3	0.21	7350	1.94	<0.01	0.11
C201611		38.9	2.64	1.44	0.06	0.07	0.08	0.086	0.03	13.2	3.9	0.13	6980	2.83	0.01	0.11
C201612		101.5	3.16	0.99	0.06	0.13	0.07	0.087	0.06	14.4	4.8	0.50	6450	1.84	0.01	0.07
C201613		234.0	3.65	1.80	0.06	0.08	0.11	0.105	0.05	12.0	8.3	0.33	6350	2.52	0.01	0.10
C201614		23.5	3.75	4.70	0.05	<0.02	0.06	0.025	0.06	14.2	19.3	0.37	1230	1.35	0.01	0.25
C201615		26.0	3.56	4.43	0.05	<0.02	0.05	0.024	0.06	15.3	22.6	0.41	1400	1.10	0.01	0.21
C201616		25.2	3.82	5.31	0.06	<0.02	0.05	0.037	0.04	19.4	16.4	0.23	1400	2.10	0.01	0.66
C201617		133.0	4.71	5.01	0.09	0.02	0.03	0.049	0.04	26.7	37.7	0.49	3170	5.90	0.01	0.09
C201618		23.7	3.45	4.85	0.07	0.07	0.06	0.066	0.11	17.8	25.7	1.24	2230	2.67	0.01	0.71
C201651		758.0	3.83	1.16	0.06	0.06	2.07	0.121	0.05	15.0	2.0	0.16	3650	3.55	0.01	0.18
C201652		73.4	3.70	5.53	0.05	<0.02	0.04	0.083	0.10	10.8	17.8	0.37	1090	1.48	0.01	0.78
C201653		20.1	3.17	5.47	0.05	<0.02	0.04	0.025	0.07	12.0	3.5	0.10	203	0.84	<0.01	0.64
C201654		26.5	2.33	3.91	0.08	0.04	0.03	0.022	0.11	18.9	18.0	1.07	541	0.51	0.02	1.17
C201655		33.1	2.16	4.86	0.09	0.04	0.03	0.023	0.10	20.5	20.6	0.99	703	0.47	0.02	1.68
C201656		43.5	2.32	5.80	0.06	0.03	0.03	0.031	0.07	19.0	25.1	0.96	1030	0.44	0.02	1.50
C201657		36.1	2.38	6.04	0.07	0.03	0.05	0.030	0.09	18.8	25.4	1.17	1360	0.43	0.02	1.53
C201658		17.7	2.23	5.76	0.06	0.03	0.05	0.030	0.08	17.0	22.3	0.83	1320	0.49	0.01	1.15
C201659		20.8	2.25	6.20	0.06	0.02	0.08	0.032	0.08	17.1	28.1	0.86	1410	0.61	0.02	1.36
C201660		25.1	2.37	5.51	0.07	0.03	0.03	0.026	0.09	18.9	25.7	0.92	806	0.79	0.02	1.76
C201661		26.6	2.08	6.46	0.07	0.02	0.03	0.022	0.16	20.3	26.8	1.10	957	0.39	0.02	2.09
C201662		23.0	2.25	6.49	0.08	0.03	0.03	0.029	0.14	19.9	24.2	1.28	1010	0.38	0.02	1.86
C201663		14.8	1.88	6.27	0.09	0.02	0.02	0.023	0.16	19.0	22.1	1.12	913	0.30	0.02	2.34
C201664		11.5	2.38	8.32	0.08	0.03	0.03	0.037	0.12	18.4	29.8	1.48	1040	0.27	0.01	2.14
C201665		10.2	2.23	8.90	0.14	0.02	0.03	0.040	0.12	19.3	25.5	1.89	1310	0.35	0.01	2.27
C201666		65.1	2.59	10.55	0.11	0.03	0.07	0.056	0.14	24.1	30.4	2.04	1920	0.66	0.02	1.78
C201667		11.8	2.73	5.98	0.06	0.04	0.02	0.033	0.07	16.9	29.4	0.84	436	0.63	0.01	1.60
C201668		22.3	2.66	10.50	0.10	0.04	0.08	0.054	0.09	31.1	33.1	1.97	2040	0.55	0.02	1.81
C201669		32.1	3.12	3.05	0.05	0.03	0.03	0.021	0.05	17.4	8.2	0.21	479	0.65	<0.01	0.58
C201670		31.6	3.26	3.42	0.06	0.03	0.03	0.023	0.04	18.8	7.9	0.19	435	0.71	<0.01	0.65

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C201599		13.8	1070	8.5	8.9	<0.001	0.05	1.16	3.7	0.7	0.5	25.3	<0.01	0.06	1.3	0.017
C201600		13.0	830	13.2	15.7	<0.001	0.06	0.86	1.7	0.5	0.8	11.0	<0.01	0.07	0.7	0.026
C201601		36.2	450	6.7	4.0	<0.001	0.01	0.96	3.0	0.5	0.3	3.4	<0.01	0.15	20.2	0.016
C201602		32.8	490	6.4	4.9	<0.001	0.02	0.84	3.4	0.4	0.3	5.6	<0.01	0.14	22.0	0.016
C201603		27.3	390	4.8	4.4	<0.001	<0.01	0.57	2.2	0.4	0.3	4.0	<0.01	0.08	12.1	0.015
C201604		31.4	460	6.9	5.9	<0.001	0.02	0.81	4.1	0.4	0.2	6.9	<0.01	0.11	31.3	0.010
C201605		32.5	840	5.5	6.3	<0.001	0.10	0.85	4.9	0.9	0.2	9.5	<0.01	0.23	14.5	<0.005
C201606		96.8	1010	5.8	7.1	0.001	0.19	0.99	8.6	0.6	0.3	10.2	<0.01	0.13	16.6	0.005
C201607		83.7	1790	9.4	5.2	<0.001	0.21	1.42	19.0	1.0	0.2	15.8	0.01	0.25	13.2	0.006
C201608		133.0	1170	8.4	5.1	0.001	0.20	2.22	8.4	0.5	0.2	8.1	<0.01	0.29	15.8	0.019
C201609		24.9	1740	12.6	5.7	<0.001	0.12	0.71	14.2	1.4	<0.2	16.4	0.01	0.15	6.6	<0.005
C201610		24.8	1250	9.0	5.1	<0.001	0.12	0.64	3.5	0.6	<0.2	15.7	0.01	0.06	5.4	<0.005
C201611		13.9	1270	19.0	5.4	<0.001	0.14	0.55	2.1	1.0	<0.2	24.9	0.01	0.06	1.1	0.006
C201612		18.2	1520	9.4	5.8	<0.001	0.24	0.67	3.2	0.9	<0.2	42.5	<0.01	0.05	4.8	<0.005
C201613		47.8	1610	9.8	5.4	<0.001	0.15	0.86	4.9	1.0	<0.2	43.8	0.01	0.17	6.2	0.006
C201614		30.9	860	6.1	8.1	<0.001	0.06	0.67	2.0	0.4	0.3	6.5	<0.01	0.08	4.6	0.008
C201615		34.3	800	6.2	8.6	<0.001	0.05	0.64	2.0	0.4	0.3	7.3	<0.01	0.08	4.4	0.007
C201616		17.1	620	11.0	8.7	<0.001	0.03	0.96	2.1	0.4	0.4	5.3	<0.01	0.07	5.4	0.020
C201617		26.1	880	13.3	8.0	<0.001	0.04	2.29	3.7	0.6	0.2	4.6	<0.01	0.17	15.9	<0.005
C201618		33.6	850	16.6	19.6	<0.001	0.04	0.93	5.8	0.7	0.4	17.8	<0.01	0.08	5.0	0.044
C201651		17.5	1350	10.4	7.3	<0.001	0.11	2.97	3.6	0.9	0.2	15.6	<0.01	0.10	2.3	0.006
C201652		18.6	870	17.0	18.1	<0.001	0.06	1.01	2.7	0.6	0.7	12.8	<0.01	0.07	0.8	0.023
C201653		8.0	510	9.7	13.1	<0.001	0.05	0.83	1.7	0.5	0.9	7.0	<0.01	0.05	0.6	0.015
C201654		22.3	640	11.6	19.3	<0.001	0.05	0.55	4.0	0.3	0.4	16.2	<0.01	0.03	6.9	0.052
C201655		26.8	660	12.0	26.7	<0.001	0.03	0.47	4.7	0.4	0.5	16.2	<0.01	0.02	11.0	0.073
C201656		31.1	690	15.2	20.6	<0.001	0.05	0.46	4.8	0.6	0.6	15.2	<0.01	0.02	7.1	0.067
C201657		29.6	750	16.2	31.8	<0.001	0.06	0.45	5.5	0.5	0.6	15.8	0.01	0.03	7.7	0.070
C201658		25.5	770	17.6	30.4	<0.001	0.07	0.41	4.6	0.5	0.5	14.4	0.01	0.03	5.2	0.053
C201659		26.2	1000	16.4	26.1	<0.001	0.08	0.43	4.2	0.8	0.5	16.0	0.01	0.06	4.8	0.048
C201660		26.1	470	13.5	23.6	<0.001	0.03	0.38	4.6	0.2	0.6	14.4	<0.01	0.02	8.6	0.081
C201661		27.9	640	12.0	39.3	<0.001	0.05	0.41	4.5	0.4	0.7	16.0	0.01	0.04	7.4	0.088
C201662		29.2	810	9.6	43.6	<0.001	0.02	0.41	6.3	0.3	0.7	15.7	<0.01	0.02	10.2	0.089
C201663		25.0	620	8.5	41.4	<0.001	0.03	0.30	5.4	<0.2	0.8	12.6	<0.01	0.02	10.1	0.092
C201664		33.8	500	11.8	34.1	<0.001	0.04	0.30	7.6	0.4	0.8	12.0	0.01	0.02	12.4	0.097
C201665		39.3	560	9.9	42.1	<0.001	0.04	0.31	8.1	0.3	0.8	8.1	<0.01	0.02	10.4	0.105
C201666		47.4	810	36.7	53.3	<0.001	0.07	0.45	9.5	0.7	0.7	12.6	0.01	0.05	9.0	0.087
C201667		24.9	300	16.2	16.9	<0.001	0.02	0.41	5.0	0.2	0.7	9.0	<0.01	0.02	9.1	0.060
C201668		45.2	960	20.1	32.9	<0.001	0.07	0.45	9.8	0.8	0.8	14.2	0.01	0.04	9.1	0.076
C201669		10.4	370	6.0	9.0	<0.001	0.02	1.01	1.3	0.4	0.2	1.9	0.01	0.02	9.2	0.013
C201670		9.9	370	6.6	10.0	<0.001	0.02	1.03	1.2	0.3	0.2	2.1	<0.01	0.02	9.5	0.013

Comments: NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
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Finalized Date: 24-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065021

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C201599		0.08	1.62	24	0.69	16.30	38	0.6
C201600		0.12	1.11	44	0.25	3.61	65	<0.5
C201601		0.05	12.30	19	0.08	5.97	14	<0.5
C201602		0.06	8.04	19	0.07	8.27	17	1.5
C201603		0.05	6.96	17	0.06	4.41	9	<0.5
C201604		0.06	13.25	16	0.06	9.52	15	2.4
C201605		0.25	5.98	22	0.09	12.65	22	2.9
C201606		0.50	4.62	34	0.33	7.94	29	1.6
C201607		1.90	5.50	20	0.25	20.10	46	1.4
C201608		1.40	6.56	46	0.26	13.80	92	1.4
C201609		0.44	4.04	18	0.08	39.10	63	2.1
C201610		0.29	3.26	5	0.28	18.35	638	1.5
C201611		0.20	3.42	8	0.05	17.50	499	1.0
C201612		0.28	3.36	4	0.05	17.20	502	3.3
C201613		0.12	4.81	13	0.09	15.15	398	1.9
C201614		0.06	1.64	27	0.07	1.84	44	<0.5
C201615		0.06	1.62	27	0.07	2.01	44	<0.5
C201616		0.12	1.40	34	0.13	2.41	93	<0.5
C201617		0.11	5.78	17	0.05	6.20	34	0.6
C201618		0.11	1.92	41	0.24	14.40	57	1.6
C201651		0.35	6.65	10	0.21	11.40	49	1.6
C201652		0.21	1.25	47	0.28	5.73	60	<0.5
C201653		0.14	1.09	50	0.24	2.74	31	<0.5
C201654		0.11	1.16	31	0.31	9.33	74	1.1
C201655		0.12	1.15	32	0.43	10.70	46	1.1
C201656		0.13	2.51	35	0.41	11.15	57	0.7
C201657		0.17	1.55	34	0.46	14.20	63	0.8
C201658		0.16	5.23	33	0.40	12.80	61	0.6
C201659		0.13	3.31	31	0.68	11.65	56	0.7
C201660		0.17	1.02	33	0.87	9.70	53	0.9
C201661		0.21	1.66	31	0.42	10.60	56	0.5
C201662		0.16	1.02	38	0.40	12.70	56	1.0
C201663		0.16	1.17	32	0.49	10.70	42	0.5
C201664		0.18	2.07	40	0.53	14.55	42	0.5
C201665		0.16	2.02	41	0.51	17.40	38	0.5
C201666		0.20	3.45	47	0.36	22.90	71	0.7
C201667		0.17	1.84	39	0.27	7.80	59	1.1
C201668		0.19	3.32	45	0.38	21.60	93	0.7
C201669		0.05	1.18	17	0.10	1.73	18	1.0
C201670		0.05	1.16	18	0.12	1.74	17	1.0

Comments: NSS is non-sufficient sample.

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Finalized Date: 24-AUG-2006
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CERTIFICATE OF ANALYSIS VA06065021

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
C201671		0.40	0.011	0.05	1.31	17.0	<10	60	0.50	1.60	0.06	0.04	44.90	12.5	14	1.19
C201672		0.52	0.017	0.02	1.21	17.6	<10	50	0.53	1.54	0.03	0.04	65.10	12.3	11	0.87
C201673		0.56	<0.005	0.04	1.27	17.0	<10	40	0.40	1.55	0.02	0.03	65.80	8.5	10	0.96
C201674		0.50	0.010	0.05	2.69	12.3	<10	360	0.93	0.70	0.70	0.03	30.20	38.5	26	5.08
C201675		0.56	0.005	0.07	2.24	55.1	<10	130	1.01	3.81	0.11	0.26	33.40	30.5	29	1.92
C201676		0.42	0.022	0.04	2.60	10.4	<10	390	0.94	0.89	0.22	0.21	31.00	30.9	28	3.15
C201677		0.42	0.011	0.16	3.17	19.0	<10	780	1.17	1.44	0.77	0.12	29.80	26.8	36	3.99
C201678		0.42	<0.005	0.06	2.25	16.6	<10	750	0.87	0.98	0.49	0.09	33.10	25.7	30	1.85
C201679		0.62	<0.005	0.09	1.11	17.4	<10	40	0.33	1.21	0.04	0.09	32.40	6.7	16	1.06
C201680		0.50	<0.005	0.05	1.34	11.4	<10	420	0.49	1.40	0.11	0.01	55.20	17.1	14	1.23
C201681		0.42	<0.005	0.08	1.88	14.3	<10	400	0.81	1.47	0.16	0.06	46.70	23.8	19	1.51
C201682		0.42	0.007	0.14	1.63	15.1	<10	1520	0.82	1.30	0.80	0.34	21.80	17.2	18	1.09
C201683		0.66	<0.005	0.05	0.89	7.1	<10	170	0.36	1.00	0.11	<0.01	45.10	10.8	8	0.61
C201684		0.50	<0.005	0.05	0.95	9.3	<10	90	0.56	0.50	0.05	0.24	30.10	13.6	14	1.15
C201685		0.60	<0.005	0.05	0.88	12.9	<10	280	0.27	1.04	0.05	0.10	43.60	7.3	10	0.61
C201686		0.68	<0.005	0.05	0.88	11.8	<10	290	0.24	1.03	0.07	0.16	51.30	8.7	9	0.69
C201687		0.52	0.010	0.11	0.75	10.7	<10	3020	0.20	0.65	0.04	0.07	26.10	15.4	13	0.64
C201688		0.68	<0.005	0.06	1.15	15.6	<10	260	0.30	1.26	0.03	0.04	51.80	7.5	12	0.97
C201689		0.64	<0.005	0.07	1.05	12.8	<10	570	0.30	1.22	0.12	0.09	48.00	9.7	10	0.80
C201690		0.56	<0.005	0.05	1.27	14.0	<10	580	0.33	1.23	0.11	0.10	45.50	10.7	11	0.82
C201691		0.42	<0.005	0.20	1.81	15.5	<10	720	0.59	0.49	0.12	0.31	28.50	13.4	23	1.08
C202151		0.28	0.009	0.05	0.92	9.0	<10	60	0.17	0.62	0.06	0.03	29.60	6.2	16	1.03
C202152		0.50	<0.005	0.04	1.94	17.5	<10	100	0.81	0.57	0.18	0.02	37.00	29.4	30	1.35
C202153		0.40	<0.005	0.07	1.83	28.0	<10	90	0.90	0.79	0.37	0.05	37.70	23.7	30	1.18
C202154		0.54	0.006	0.13	1.94	54.8	<10	90	0.85	1.12	0.44	0.24	31.90	18.0	26	1.12
C202155		0.52	0.006	0.13	2.19	33.4	<10	200	1.39	0.90	0.68	0.14	45.60	38.8	29	1.39
C202156		0.48	<0.005	0.05	2.06	21.1	<10	280	1.41	0.56	0.45	0.12	40.70	36.2	18	1.84
C202157		0.40	0.017	0.06	1.91	37.4	<10	240	1.05	1.14	0.58	0.32	70.50	40.0	50	1.55
C202158		0.62	0.005	0.02	1.87	7.6	<10	150	1.93	0.53	0.05	0.01	114.50	24.1	17	3.89
C202159		0.42	0.008	0.02	1.91	7.8	<10	130	1.91	0.56	0.05	0.01	94.20	17.8	17	4.78
C202160		0.48	0.006	0.05	2.01	6.8	<10	140	1.85	0.77	0.07	0.01	90.40	47.8	15	2.62
C202161		0.64	<0.005	0.06	1.80	5.7	<10	180	2.54	0.73	0.13	0.01	39.80	37.5	16	3.41
C202162		0.60	0.019	0.06	1.30	6.7	<10	240	1.89	0.48	0.14	0.01	34.40	29.6	12	4.72
C202163		0.60	0.007	0.06	1.27	7.2	<10	220	1.95	0.50	0.14	0.01	37.90	30.2	13	4.45
C202164		0.50	<0.005	0.07	0.97	3.7	<10	230	1.56	0.30	0.15	0.01	29.70	23.2	11	3.07
C202165		0.50	0.005	0.05	1.06	4.5	<10	180	1.58	0.32	0.02	0.01	29.90	18.6	12	3.61
C202166		0.40	0.007	0.06	1.08	5.1	<10	150	2.53	0.20	0.16	<0.01	24.20	15.7	13	3.45
C202167		0.38	0.008	0.11	1.41	8.8	<10	200	2.96	0.39	0.38	0.03	21.10	33.0	13	4.75
C202168		0.32	<0.005	0.12	0.65	39.4	<10	230	0.31	1.07	0.93	0.01	38.30	67.8	3	0.55
C202169		0.38	0.126	2.26	1.76	215.0	<10	810	1.11	6.50	0.45	0.60	45.80	461.0	14	1.19

Comments: NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA06065021

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
C201671		38.4	2.28	3.57	0.06	0.05	0.02	0.017	0.15	21.7	7.7	0.37	352	1.37	<0.01	0.43
C201672		54.6	2.29	3.22	0.07	0.03	0.01	0.015	0.13	31.4	7.0	0.36	327	0.89	<0.01	0.44
C201673		38.1	2.73	4.31	0.07	0.03	0.02	0.019	0.11	31.9	6.7	0.16	251	0.61	<0.01	0.69
C201674		29.9	4.02	7.18	0.08	0.07	0.01	0.030	0.60	15.8	27.2	2.68	626	0.88	0.01	1.49
C201675		56.7	3.29	4.64	0.05	0.04	0.05	0.036	0.09	14.6	22.4	0.43	926	1.32	0.01	1.16
C201676		101.0	4.09	8.26	0.08	0.02	0.04	0.054	0.28	15.8	34.9	2.03	1090	2.96	0.01	1.06
C201677		138.0	4.90	8.28	0.08	0.13	0.06	0.058	0.41	14.9	17.8	1.24	1820	2.02	0.01	1.24
C201678		93.0	3.47	6.58	0.07	0.03	0.04	0.037	0.12	16.6	25.2	1.47	664	2.35	0.01	1.18
C201679		28.8	4.16	6.26	0.06	<0.02	0.04	0.022	0.05	15.8	5.6	0.17	357	1.33	<0.01	1.36
C201680		47.5	2.61	4.09	0.08	0.03	0.01	0.022	0.13	27.2	9.9	0.67	487	6.19	0.01	0.67
C201681		77.0	3.28	4.84	0.09	0.06	0.03	0.034	0.19	23.5	15.4	0.93	623	2.64	0.01	0.81
C201682		67.6	2.58	4.62	0.06	0.07	0.09	0.038	0.14	12.0	14.4	0.59	494	2.88	0.01	0.79
C201683		32.0	1.88	2.54	0.07	0.04	0.01	0.016	0.09	21.8	6.2	0.37	352	2.35	0.01	0.35
C201684		35.8	2.77	3.06	0.07	0.02	0.03	0.032	0.05	14.4	8.0	0.36	858	1.16	0.01	0.30
C201685		20.7	2.60	5.09	0.06	<0.02	0.02	0.018	0.08	21.6	6.1	0.17	319	1.13	0.01	1.03
C201686		18.6	2.15	3.88	0.07	0.02	0.01	0.021	0.07	25.1	6.8	0.30	167	0.64	0.01	0.66
C201687		37.8	5.14	3.53	0.08	<0.02	0.05	0.029	0.07	14.7	3.6	0.15	2190	4.07	0.01	0.45
C201688		29.2	3.04	4.74	0.06	0.03	0.02	0.024	0.07	25.8	9.0	0.24	291	0.97	0.01	0.93
C201689		27.6	2.70	3.96	0.07	0.03	0.02	0.021	0.09	23.5	7.5	0.32	716	0.79	<0.01	0.65
C201690		31.3	2.86	4.32	0.06	0.03	0.03	0.022	0.10	22.4	8.9	0.37	577	0.81	<0.01	0.70
C201691		37.3	3.40	5.98	0.06	0.02	0.05	0.036	0.06	13.4	17.6	0.35	486	1.84	<0.01	1.62
C202151		19.2	2.00	7.96	0.05	<0.02	0.05	0.022	0.04	15.2	4.7	0.15	250	2.13	<0.01	0.67
C202152		39.3	4.29	5.84	0.08	0.06	0.04	0.052	0.03	15.7	36.2	0.97	3370	2.14	<0.01	0.24
C202153		63.1	3.91	5.58	0.08	0.05	0.03	0.063	0.03	19.6	35.8	0.90	2240	2.14	<0.01	0.14
C202154		125.5	3.58	5.31	0.09	0.07	0.07	0.136	0.03	25.2	45.5	0.92	2240	1.57	<0.01	0.18
C202155		187.5	4.77	6.21	0.11	0.11	0.05	0.079	0.05	26.9	40.4	1.11	6000	1.84	<0.01	0.20
C202156		96.2	4.62	5.74	0.09	0.12	0.06	0.085	0.03	21.0	38.6	0.93	8120	1.67	<0.01	0.15
C202157		139.0	4.32	5.91	0.12	0.07	0.03	0.089	0.03	34.5	42.9	1.14	6680	2.69	<0.01	0.22
C202158		296.0	5.33	6.19	0.16	0.07	0.05	0.071	0.04	59.8	45.4	0.76	1450	9.82	0.01	0.09
C202159		201.0	4.97	6.40	0.14	0.05	0.04	0.071	0.05	53.0	45.4	0.71	1265	9.37	0.01	0.10
C202160		495.0	7.08	6.79	0.16	0.13	0.06	0.098	0.05	47.3	49.5	0.79	6240	13.00	0.01	0.06
C202161		241.0	7.39	6.22	0.12	0.10	0.11	0.112	0.04	19.6	46.2	0.75	8000	12.30	0.01	0.07
C202162		580.0	6.95	4.58	0.11	0.11	0.14	0.110	0.05	17.3	29.7	0.53	8640	17.80	0.01	0.10
C202163		593.0	7.12	4.61	0.11	0.10	0.12	0.118	0.05	18.8	30.2	0.54	8460	17.35	0.01	0.13
C202164		19.6	6.17	3.52	0.09	0.09	0.07	0.106	0.05	13.9	22.0	0.43	7050	6.15	0.01	0.07
C202165		66.9	6.30	3.75	0.09	0.06	0.08	0.102	0.04	15.2	21.4	0.37	4860	7.27	0.01	0.09
C202166		5.3	5.78	3.82	0.09	0.05	0.12	0.113	0.04	11.5	24.8	0.51	5730	3.53	0.01	0.09
C202167		24.9	6.53	4.65	0.10	0.09	0.22	0.174	0.05	10.2	31.3	0.64	6750	3.04	0.01	0.12
C202168		30.1	15.05	3.90	0.18	0.07	0.14	0.207	0.05	18.1	2.8	0.24	16600	14.15	0.01	1.60
C202169		142.5	12.70	8.37	0.21	0.12	0.47	0.226	0.29	27.3	21.3	1.55	11050	92.80	0.01	0.51

Comments: NSS is non-sufficient sample.

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Finalized Date: 24-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065021

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
C201671		11.8	320	4.9	15.5	<0.001	0.03	0.50	1.4	0.4	0.2	3.2	<0.01	0.01	8.8	0.006
C201672		12.0	170	4.2	12.7	<0.001	0.01	0.67	1.3	0.3	0.2	2.1	<0.01	0.01	12.0	0.008
C201673		7.0	220	3.7	18.0	<0.001	0.01	0.70	1.4	0.3	0.3	2.0	<0.01	0.02	11.4	0.008
C201674		32.9	690	4.3	70.8	<0.001	0.05	0.91	3.8	1.0	0.7	11.4	<0.01	0.08	12.0	0.105
C201675		26.5	850	14.8	15.6	<0.001	0.02	1.00	2.9	0.6	0.4	10.3	<0.01	0.04	8.1	0.027
C201676		34.7	730	8.6	46.4	<0.001	0.04	0.64	5.7	0.4	0.7	9.3	<0.01	0.08	4.9	0.080
C201677		27.9	1170	10.4	66.1	<0.001	0.08	1.17	5.9	0.7	0.8	17.2	<0.01	0.08	7.2	0.039
C201678		26.4	680	9.7	27.0	<0.001	0.04	0.59	4.5	0.5	0.6	16.9	<0.01	0.02	4.7	0.063
C201679		9.9	570	8.5	9.4	<0.001	0.03	1.02	1.5	0.4	0.5	4.6	<0.01	0.05	2.8	0.041
C201680		16.1	170	5.0	21.8	<0.001	0.01	0.64	1.8	0.2	0.3	5.8	<0.01	0.02	9.3	0.028
C201681		23.7	340	6.4	27.3	<0.001	0.02	0.91	3.3	0.4	0.4	7.5	<0.01	0.05	10.8	0.039
C201682		20.4	1110	6.9	22.2	<0.001	0.11	0.84	2.1	1.7	0.4	32.3	<0.01	0.04	2.6	0.024
C201683		11.6	180	2.6	10.2	<0.001	0.01	0.68	1.2	0.3	0.2	4.4	<0.01	0.01	8.9	0.010
C201684		17.2	410	7.9	6.3	<0.001	0.03	1.48	1.3	0.3	0.2	3.3	<0.01	0.02	5.0	0.013
C201685		8.6	240	5.8	12.2	<0.001	0.01	0.80	1.2	0.2	0.5	4.6	<0.01	0.03	5.5	0.023
C201686		9.6	160	3.9	13.3	<0.001	0.01	0.58	1.3	0.2	0.3	5.7	<0.01	0.02	7.8	0.020
C201687		10.9	610	4.2	12.4	0.001	0.09	0.80	1.1	0.6	0.4	22.8	<0.01	0.11	1.3	0.023
C201688		9.6	210	5.2	13.0	<0.001	0.01	0.96	1.4	0.3	0.4	4.6	<0.01	0.03	8.0	0.017
C201689		10.5	210	4.8	15.0	<0.001	0.02	0.73	1.4	0.2	0.3	6.9	<0.01	0.02	7.1	0.014
C201690		11.8	190	5.6	16.9	<0.001	0.02	0.68	1.5	0.2	0.4	6.8	<0.01	0.02	7.3	0.012
C201691		19.7	430	15.4	12.8	<0.001	0.03	0.80	2.4	0.6	0.7	12.6	<0.01	0.05	2.8	0.044
C202151		11.9	670	10.9	5.3	<0.001	0.07	0.95	0.9	0.6	1.0	6.2	<0.01	0.08	0.3	0.023
C202152		43.2	690	8.9	6.1	<0.001	0.04	0.40	3.0	0.4	0.2	5.9	<0.01	0.18	12.1	0.006
C202153		43.9	770	13.3	6.0	<0.001	0.05	0.47	2.6	0.6	0.2	11.3	<0.01	0.21	8.7	<0.005
C202154		41.3	780	19.0	6.6	<0.001	0.05	0.74	3.4	0.8	0.2	11.8	<0.01	0.10	11.5	0.005
C202155		55.0	970	16.5	7.3	<0.001	0.06	0.73	5.2	1.0	0.2	20.7	0.01	0.29	13.6	0.006
C202156		40.3	800	10.7	6.3	<0.001	0.05	0.42	4.6	0.8	0.2	11.5	0.01	0.23	14.9	0.005
C202157		69.7	930	15.0	5.3	<0.001	0.04	0.69	4.4	0.8	0.2	22.3	<0.01	0.19	13.9	0.012
C202158		37.0	430	9.8	7.5	<0.001	0.02	0.96	5.8	0.6	0.3	5.2	<0.01	0.28	39.3	0.009
C202159		34.3	430	8.7	10.3	<0.001	0.03	0.85	5.0	0.8	0.4	6.4	<0.01	0.28	27.7	0.006
C202160		48.2	380	8.0	7.5	<0.001	0.02	1.04	6.8	1.0	0.3	9.2	<0.01	0.53	49.3	0.005
C202161		56.7	520	9.7	8.0	<0.001	0.02	1.39	8.7	1.0	0.3	10.8	<0.01	0.47	46.6	0.011
C202162		50.3	500	11.6	9.0	0.001	0.02	1.08	11.0	0.9	0.4	14.8	<0.01	0.35	60.7	0.011
C202163		52.0	550	12.0	8.4	<0.001	0.03	1.21	11.2	1.0	0.4	13.2	<0.01	0.38	60.1	0.014
C202164		51.7	360	6.5	7.2	<0.001	0.02	0.76	7.0	0.5	0.3	13.9	<0.01	0.23	48.4	0.011
C202165		43.3	330	6.8	8.9	<0.001	0.02	0.77	7.5	0.5	0.3	8.3	<0.01	0.26	43.8	0.011
C202166		58.3	400	10.2	7.4	<0.001	0.03	1.04	12.0	0.8	0.4	14.9	<0.01	0.81	60.4	0.012
C202167		58.3	900	13.3	9.0	<0.001	0.05	1.04	11.8	1.1	0.4	13.2	<0.01	1.02	40.9	0.008
C202168		33.8	2850	11.0	8.3	0.001	0.21	0.81	2.8	1.8	0.5	15.8	0.01	0.33	2.7	0.011
C202169		123.5	1240	11.6	24.7	0.004	0.61	0.98	12.5	7.6	0.8	15.8	0.01	5.18	13.1	0.022

Comments: NSS is non-sufficient sample.

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Finalized Date: 24-AUG-2006
Account: EIA

Project: Werneckes

CERTIFICATE OF ANALYSIS VA06065021

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
C201671		0.06	1.68	12	0.09	2.04	17	1.2
C201672		0.05	1.42	11	0.09	2.16	14	1.1
C201673		0.07	0.83	17	0.10	2.02	12	1.7
C201674		0.18	10.70	29	0.53	5.31	22	2.8
C201675		0.09	2.36	42	0.23	4.26	70	1.1
C201676		0.15	7.26	71	0.40	4.67	58	0.8
C201677		0.21	4.37	54	0.31	7.56	45	2.8
C201678		0.09	24.20	59	0.32	6.33	45	1.0
C201679		0.07	0.85	49	0.24	1.86	33	<0.5
C201680		0.08	2.51	21	0.21	2.73	24	1.4
C201681		0.10	8.61	28	0.22	6.02	39	2.6
C201682		0.09	57.90	25	0.17	6.95	52	2.1
C201683		0.04	4.42	9	0.11	2.21	13	1.4
C201684		0.07	1.18	19	0.14	2.97	29	0.6
C201685		0.07	0.76	34	0.20	1.86	29	<0.5
C201686		0.07	1.42	20	0.16	1.89	28	1.0
C201687		0.05	2.00	30	0.30	2.17	26	<0.5
C201688		0.07	0.99	27	0.19	2.07	20	1.2
C201689		0.07	1.21	20	0.16	1.88	18	0.9
C201690		0.08	0.96	23	0.16	1.91	24	1.1
C201691		0.11	0.78	51	0.36	3.24	62	0.5
C202151		0.17	0.96	64	0.26	2.35	45	<0.5
C202152		0.12	1.70	16	0.10	5.42	68	1.5
C202153		0.11	2.89	16	0.09	10.75	133	1.0
C202154		0.10	3.98	13	0.07	24.50	393	1.1
C202155		0.10	3.02	16	0.09	32.30	54	1.9
C202156		0.10	2.87	12	0.10	28.20	29	2.8
C202157		0.14	4.77	20	0.30	25.90	214	1.6
C202158		0.10	16.55	18	0.12	13.85	21	3.8
C202159		0.11	13.00	16	0.10	10.35	23	2.2
C202160		0.14	20.20	15	0.16	13.60	21	10.5
C202161		0.14	27.70	19	0.17	14.75	37	7.1
C202162		0.12	19.00	17	0.17	18.55	25	8.5
C202163		0.12	20.50	18	0.18	19.45	30	7.4
C202164		0.09	14.65	15	0.12	10.65	23	5.6
C202165		0.08	15.80	16	0.14	12.80	13	3.4
C202166		0.09	20.80	16	0.22	15.15	13	1.6
C202167		0.12	14.55	16	0.18	18.80	23	2.8
C202168		0.12	4.56	75	4.02	15.00	35	1.6
C202169		0.10	43.60	46	1.54	24.40	29	4.1

Comments: NSS is non-sufficient sample.

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Finalized Date: 18-SEP-2006
Account: EIA

CERTIFICATE WN06070799

Project: WERNECKES

P.O. No.: FRG06-01

This report is for 185 Soil samples submitted to our lab in Vancouver, BC, Canada on 6-JUL-2006.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL I DUNLOP	ROBIN BLACK SCOTT HEFFERNAN	DAVID C RICK VALENTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	50 element aqua regia ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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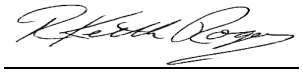
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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CERTIFICATE OF ANALYSIS WN06070799

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
201161		0.22	<0.005	0.12	1.13	52.5	<10	90	0.62	0.54	1.44	0.15	43.90	42.0	16	1.34
201162		0.30	<0.005	0.15	1.08	43.5	<10	110	0.67	0.65	2.18	0.22	47.80	38.3	15	1.23
201163		0.32	<0.005	0.12	0.90	40.1	<10	110	0.55	0.57	2.24	0.28	36.40	37.9	11	0.98
201164		0.30	<0.005	0.16	1.03	34.7	<10	80	0.61	0.68	2.23	0.30	39.70	32.1	12	1.30
201165		0.28	<0.005	0.17	1.09	22.0	<10	50	0.51	0.79	1.67	0.26	42.10	16.2	9	2.41
201166		0.30	<0.005	0.25	1.22	32.1	<10	30	0.64	0.98	1.19	0.34	52.90	18.7	9	3.64
201167		0.48	<0.005	0.08	1.18	7.9	<10	90	0.52	0.30	0.16	0.18	37.80	11.8	18	1.46
201168		0.46	<0.005	0.06	1.38	9.1	<10	80	0.71	0.44	0.07	0.11	54.80	14.2	14	3.10
201169		0.42	<0.005	0.05	0.88	6.9	<10	50	0.25	0.29	0.10	0.11	38.20	6.5	15	1.25
201170		0.42	<0.005	0.05	0.83	6.6	<10	50	0.26	0.29	0.09	0.10	35.10	6.2	15	1.21
201171		0.36	<0.005	0.03	1.23	9.4	<10	60	0.38	0.24	0.09	0.18	31.10	9.0	20	1.53
201172		0.44	<0.005	0.03	1.42	6.2	<10	90	0.21	0.36	0.06	0.18	35.00	5.4	13	1.90
201173		0.46	<0.005	0.04	0.80	6.6	<10	40	0.12	0.39	0.02	0.05	43.40	3.0	9	1.84
201174		0.42	<0.005	0.03	1.23	9.2	<10	50	0.17	0.40	0.04	0.07	30.30	4.6	18	1.93
201175		0.46	0.008	0.10	1.77	16.0	<10	390	1.37	0.45	0.23	0.05	97.70	19.0	23	4.55
201176		0.50	0.085	0.09	1.46	9.2	<10	110	0.49	0.30	0.14	0.20	51.40	13.0	22	1.27
201177		0.46	0.068	0.05	1.57	11.6	<10	90	0.49	0.38	0.10	0.17	36.10	12.4	23	1.78
201178		0.36	<0.005	0.08	1.51	7.4	<10	80	0.37	0.44	0.03	0.09	38.30	6.4	14	2.42
201179		Not Recvd														
201180		0.36	<0.005	0.09	2.19	9.9	<10	110	0.75	0.41	0.07	0.17	38.50	17.0	23	1.97
201181		0.54	<0.005	0.10	1.16	5.7	<10	50	0.22	0.44	0.04	0.07	46.80	4.8	12	2.41
201182		0.42	<0.005	0.06	1.38	8.2	<10	90	0.39	0.42	0.05	0.09	52.70	8.5	16	2.04
201183		0.36	<0.005	0.07	1.47	10.9	<10	110	0.47	0.52	0.07	0.21	51.20	12.7	17	1.99
201184		0.44	0.006	0.03	1.07	11.1	<10	60	0.35	0.37	0.19	0.17	48.70	10.5	22	1.23
201185		0.46	<0.005	0.04	1.46	14.4	<10	60	0.48	0.55	0.04	0.11	33.40	6.4	20	2.12
201186		0.32	<0.005	0.05	2.15	12.0	<10	100	0.87	0.38	0.06	0.12	32.30	12.6	24	3.07
201187		0.32	<0.005	0.08	1.50	4.0	<10	450	0.50	0.35	0.22	0.11	48.10	6.8	17	1.93
201188		0.54	<0.005	0.07	1.37	9.6	<10	90	0.37	0.37	0.06	0.11	44.30	10.6	24	1.70
201189		0.56	0.037	0.06	1.15	5.3	<10	100	0.45	0.20	0.13	0.14	57.40	10.4	20	1.30
201190		0.04	<0.005	0.01	0.01	0.2	<10	<10	<0.05	0.02	<0.01	0.02	1.23	0.1	<1	<0.05
201191		0.46	<0.005	0.05	0.97	7.3	<10	40	0.16	0.25	0.04	0.07	40.90	4.2	17	1.82
201192		0.56	<0.005	0.03	1.02	6.9	<10	90	0.51	0.23	0.08	0.06	67.40	8.9	21	2.92
201193		0.56	<0.005	0.02	1.25	7.7	<10	70	0.38	0.39	0.07	0.10	42.50	9.5	19	1.96
201194		0.40	0.010	0.05	0.85	6.0	<10	690	0.49	0.20	0.68	0.12	41.80	16.9	14	0.74
201195		0.36	<0.005	0.08	0.33	7.9	<10	30	0.08	0.49	0.06	0.10	25.30	3.3	7	1.13
201196		0.40	<0.005	0.08	2.17	4.1	<10	40	0.46	0.21	0.09	0.15	13.35	5.5	22	3.28
201197		0.38	<0.005	0.06	2.65	3.8	<10	50	0.47	0.16	0.13	0.15	17.35	5.2	21	5.15
201198		0.44	<0.005	0.04	0.81	9.2	<10	30	0.26	0.54	0.05	0.07	24.30	4.3	13	1.26
201199		0.42	<0.005	0.04	1.34	5.8	<10	60	0.43	0.21	0.06	0.12	27.40	7.2	17	1.36
201200		0.44	<0.005	0.12	1.05	10.3	<10	30	0.36	0.39	0.07	0.16	42.80	10.8	15	0.82

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 18-SEP-2006
Account: EIA

Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070799

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
201161		101.5	2.65	3.98	0.07	0.04	0.09	0.030	0.05	19.3	16.9	0.54	1320	0.94	<0.01	0.52
201162		119.5	2.45	3.36	0.06	0.04	0.04	0.025	0.05	23.4	16.0	0.71	1720	0.89	<0.01	0.37
201163		58.8	2.16	2.77	<0.05	0.04	0.07	0.025	0.04	19.0	11.9	0.56	1410	1.00	<0.01	0.37
201164		76.4	2.44	3.10	<0.05	0.05	0.06	0.037	0.05	22.3	16.0	0.66	1235	1.13	<0.01	0.40
201165		43.6	2.83	3.10	<0.05	0.04	0.04	0.048	0.07	22.1	20.4	0.81	1655	2.19	<0.01	0.36
201166		61.9	3.50	3.46	0.06	0.06	0.04	0.047	0.07	29.0	25.6	0.92	1505	4.00	<0.01	0.46
201167		28.8	2.38	3.63	0.05	0.05	0.04	0.024	0.05	17.6	16.7	0.35	580	0.92	<0.01	0.79
201168		24.6	2.74	3.72	<0.05	0.07	0.03	0.026	0.06	24.7	25.8	0.37	791	1.12	<0.01	0.60
201169		15.1	2.36	3.55	<0.05	0.02	0.04	0.017	0.05	18.0	13.5	0.28	246	0.87	<0.01	0.70
201170		14.4	2.21	3.29	0.05	0.02	0.02	0.014	0.05	16.2	13.0	0.26	233	0.80	<0.01	0.66
201171		16.1	2.63	3.25	<0.05	0.03	0.04	0.023	0.04	14.3	14.8	0.26	479	0.94	<0.01	0.84
201172		11.4	2.99	5.94	<0.05	0.04	0.05	0.022	0.06	16.2	14.8	0.15	607	1.43	<0.01	0.93
201173		9.7	2.32	7.05	<0.05	0.02	0.03	0.012	0.04	20.5	1.7	0.04	192	1.65	<0.01	1.04
201174		15.0	3.71	9.04	0.05	0.03	0.02	0.024	0.04	15.3	7.5	0.14	283	2.16	<0.01	1.76
201175		50.4	3.18	4.56	0.09	0.10	0.04	0.053	0.12	49.7	22.9	0.38	1630	1.49	<0.01	0.50
201176		28.4	2.75	3.84	0.06	0.05	0.04	0.024	0.07	23.8	18.3	0.37	790	1.05	<0.01	1.00
201177		18.0	3.44	5.24	0.05	0.03	0.06	0.038	0.07	17.0	19.0	0.33	910	1.51	<0.01	1.07
201178		13.5	2.96	4.77	0.05	0.04	0.03	0.022	0.10	17.9	18.1	0.20	342	0.98	<0.01	0.89
201179																
201180		28.4	3.49	4.44	0.05	0.07	0.06	0.030	0.09	17.4	34.6	0.36	733	1.01	<0.01	1.03
201181		10.7	2.77	4.52	0.05	0.03	0.03	0.014	0.07	21.7	9.7	0.16	331	0.90	<0.01	0.87
201182		16.2	2.95	5.10	0.06	0.08	0.03	0.019	0.07	24.4	17.8	0.25	502	1.00	<0.01	1.09
201183		38.9	3.41	4.78	0.05	0.05	0.04	0.024	0.08	23.7	20.2	0.32	616	1.27	<0.01	0.91
201184		32.9	2.85	4.21	0.07	0.04	0.03	0.022	0.05	23.4	13.1	0.36	359	1.34	<0.01	1.18
201185		57.3	4.20	8.52	0.06	0.02	0.05	0.028	0.04	16.6	18.4	0.21	257	2.19	<0.01	1.48
201186		20.5	3.68	6.30	0.05	0.04	0.08	0.060	0.04	14.9	21.1	0.37	654	3.15	<0.01	1.39
201187		23.6	2.20	5.15	0.05	0.03	0.04	0.022	0.07	31.9	17.5	0.42	250	0.95	<0.01	0.72
201188		13.6	3.24	5.92	0.05	0.02	0.04	0.023	0.09	21.7	13.3	0.37	760	1.69	<0.01	1.08
201189		13.2	2.42	3.86	0.06	<0.02	0.04	0.018	0.05	27.7	14.2	0.45	562	0.77	<0.01	0.59
201190		0.9	0.03	<0.05	<0.05	0.03	<0.01	<0.005	<0.01	0.6	0.1	<0.01	<5	<0.05	<0.01	<0.05
201191		8.3	2.66	6.79	0.05	0.02	0.04	0.014	0.04	19.8	6.3	0.20	151	1.20	<0.01	0.86
201192		19.7	3.39	4.83	0.08	0.02	0.03	0.018	0.05	35.8	11.0	0.38	361	2.27	<0.01	0.86
201193		9.3	2.90	5.12	0.05	0.02	0.04	0.026	0.04	20.9	12.5	0.27	842	1.58	<0.01	0.83
201194		14.1	3.54	2.70	0.06	0.08	0.20	0.089	0.04	21.8	7.1	0.31	2830	2.65	<0.01	0.43
201195		7.9	1.51	3.14	<0.05	<0.02	0.07	0.010	0.04	10.9	0.7	0.05	84	2.16	<0.01	0.50
201196		8.5	1.34	9.43	<0.05	<0.02	0.08	0.012	0.06	6.8	12.6	2.79	186	1.25	<0.01	0.33
201197		7.2	1.93	8.63	0.05	<0.02	0.12	0.016	0.04	8.2	17.4	3.35	278	0.61	<0.01	0.27
201198		9.7	2.37	5.57	<0.05	<0.02	0.06	0.012	0.05	10.5	6.1	0.39	106	2.00	<0.01	0.30
201199		8.4	2.24	3.92	<0.05	<0.02	0.04	0.013	0.05	12.6	11.7	0.80	287	1.24	<0.01	0.23
201200		14.6	2.66	5.36	0.05	<0.02	0.02	0.018	0.08	20.2	10.1	0.49	397	1.72	<0.01	0.36

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
201161		22.8	840	31.7	10.1	<0.001	0.09	0.64	3.2	0.9	0.3	18.3	0.01	0.07	4.1	0.015
201162		31.1	870	19.4	12.0	<0.001	0.12	0.85	2.6	0.8	0.2	37.3	0.01	0.10	3.1	0.014
201163		20.6	790	25.6	8.9	<0.001	0.14	0.76	2.7	1.0	0.2	34.4	0.01	0.10	2.3	0.011
201164		27.1	890	22.9	12.6	0.001	0.15	1.04	2.6	1.1	0.2	34.3	0.01	0.11	2.3	0.012
201165		22.9	790	24.0	15.4	0.002	0.11	1.45	2.2	1.2	0.2	26.3	0.01	0.13	2.7	0.015
201166		30.2	670	35.9	19.3	0.004	0.10	2.15	2.7	2.2	0.2	25.5	0.01	0.20	4.1	0.020
201167		20.4	680	18.1	8.6	<0.001	0.01	0.58	2.9	0.5	0.3	13.2	<0.01	0.03	6.1	0.034
201168		16.2	330	16.4	11.0	<0.001	<0.01	0.47	2.5	0.4	0.3	6.8	<0.01	0.03	10.8	0.019
201169		15.2	510	13.5	8.5	<0.001	0.01	0.56	1.8	0.5	0.3	8.8	<0.01	0.04	3.4	0.030
201170		14.8	510	13.3	8.1	<0.001	0.01	0.55	1.6	0.4	0.3	7.8	<0.01	0.03	2.7	0.028
201171		16.8	430	9.1	6.5	<0.001	0.02	0.59	1.9	0.4	0.3	7.9	<0.01	0.04	3.5	0.032
201172		8.8	380	12.2	13.5	<0.001	0.03	0.47	1.8	0.4	0.6	5.0	0.01	0.06	5.5	0.015
201173		5.3	270	6.8	8.6	<0.001	0.01	0.55	1.4	<0.2	0.8	4.2	0.01	0.06	4.9	0.033
201174		9.6	250	10.7	7.9	<0.001	0.01	0.76	2.1	0.2	1.0	6.3	<0.01	0.07	3.7	0.051
201175		19.7	730	13.5	19.4	<0.001	0.03	0.40	2.6	0.4	0.4	7.9	0.01	0.05	13.5	<0.005
201176		22.3	660	18.5	10.1	<0.001	0.02	0.50	3.2	0.7	0.4	10.8	<0.01	0.04	7.1	0.037
201177		18.9	640	16.8	11.1	<0.001	0.04	0.58	2.6	0.7	0.5	9.3	<0.01	0.06	3.8	0.034
201178		9.6	390	18.0	19.4	<0.001	0.03	0.26	1.7	0.4	0.4	4.3	<0.01	0.04	6.3	0.011
201179																
201180		24.5	500	25.5	16.6	<0.001	0.03	0.42	2.6	0.7	0.4	7.2	<0.01	0.05	10.0	0.021
201181		7.6	340	14.5	13.6	<0.001	0.02	0.27	1.5	0.3	0.4	4.1	<0.01	0.06	7.4	0.016
201182		12.2	300	17.8	14.4	<0.001	0.02	0.29	1.9	0.5	0.5	6.2	<0.01	0.04	8.5	0.021
201183		16.3	430	20.3	14.8	<0.001	0.02	0.40	2.0	0.5	0.4	6.6	<0.01	0.06	9.5	0.021
201184		20.3	710	11.8	7.6	<0.001	0.02	0.68	2.5	0.5	0.4	13.0	<0.01	0.04	6.6	0.053
201185		13.7	460	11.5	8.9	<0.001	0.03	0.74	2.1	0.7	0.8	6.4	<0.01	0.08	2.4	0.035
201186		19.5	490	11.0	9.0	<0.001	0.04	0.47	3.4	0.8	0.6	6.5	0.01	0.09	5.0	0.033
201187		18.8	450	8.6	16.5	<0.001	0.03	0.17	2.4	0.5	0.4	11.1	<0.01	0.28	5.0	0.013
201188		18.1	610	12.9	15.5	<0.001	0.03	0.35	2.3	0.4	0.5	7.4	<0.01	0.08	4.2	0.033
201189		21.4	660	8.2	8.0	<0.001	0.02	0.32	2.0	0.4	0.4	8.4	<0.01	0.04	3.5	0.033
201190		0.3	10	2.4	0.1	<0.001	0.02	0.09	0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.2	<0.005
201191		9.4	320	8.9	7.2	<0.001	0.02	0.35	1.8	0.5	0.5	6.3	<0.01	0.04	3.3	0.035
201192		19.6	380	5.5	11.5	<0.001	0.02	0.46	2.3	0.5	0.5	6.8	<0.01	0.07	7.0	0.049
201193		14.9	510	7.1	10.5	<0.001	0.02	0.46	2.1	0.5	0.5	7.2	<0.01	0.05	3.4	0.034
201194		20.7	730	6.4	5.7	<0.001	0.06	0.50	4.6	1.0	0.3	13.2	0.01	0.11	3.3	0.025
201195		5.1	840	5.0	6.1	<0.001	0.10	0.73	0.8	0.7	0.5	3.8	<0.01	0.17	0.6	0.012
201196		9.9	1430	4.3	15.5	<0.001	0.12	0.55	0.9	0.7	1.1	5.9	<0.01	0.04	0.2	<0.005
201197		12.4	1380	6.5	7.5	<0.001	0.12	0.42	1.2	0.7	0.8	6.5	<0.01	0.05	0.2	0.005
201198		8.0	820	8.3	10.0	<0.001	0.08	0.68	0.7	0.5	0.4	5.1	<0.01	0.13	0.3	0.013
201199		10.8	860	17.2	7.2	<0.001	0.08	0.40	0.7	0.5	0.3	5.9	<0.01	0.04	0.5	0.013
201200		15.5	530	25.3	9.6	<0.001	0.05	0.70	1.1	0.6	0.4	7.0	<0.01	0.05	0.6	0.021

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
201161		0.12	1.70	24	0.10	8.71	49	0.8
201162		0.10	2.52	15	0.09	13.20	67	0.6
201163		0.11	1.93	16	0.08	11.05	87	0.8
201164		0.10	2.46	16	0.10	14.00	117	0.7
201165		0.17	3.23	13	0.06	14.95	137	0.6
201166		0.22	5.08	14	0.07	22.20	213	0.7
201167		0.09	1.83	32	0.39	6.36	68	1.1
201168		0.09	2.96	23	0.13	5.68	56	1.9
201169		0.09	0.86	27	0.16	3.83	47	<0.5
201170		0.08	0.90	26	0.13	3.55	46	<0.5
201171		0.05	0.81	36	0.27	3.28	45	0.5
201172		0.13	0.58	44	0.15	2.46	44	0.9
201173		0.09	0.54	59	0.17	2.30	28	0.6
201174		0.10	0.54	79	0.20	2.07	41	0.8
201175		0.11	3.17	20	0.10	12.90	38	2.0
201176		0.10	1.68	39	0.25	7.82	84	1.0
201177		0.14	0.97	49	0.26	4.13	63	0.6
201178		0.15	0.73	31	0.19	2.92	43	0.9
201179								
201180		0.15	1.13	37	0.19	4.16	98	1.9
201181		0.14	0.74	31	0.15	2.83	33	0.8
201182		0.13	0.77	36	0.23	3.36	47	2.6
201183		0.12	1.02	34	0.21	3.87	62	1.6
201184		0.09	0.99	47	0.44	5.47	58	1.1
201185		0.13	0.88	70	0.33	2.47	46	<0.5
201186		0.11	1.47	51	0.31	3.39	45	1.1
201187		0.11	1.17	31	0.24	4.59	31	0.7
201188		0.12	0.77	51	0.29	2.48	44	<0.5
201189		0.07	1.15	31	0.19	3.94	50	<0.5
201190		<0.02	0.07	<1	<0.05	0.68	4	0.7
201191		0.09	0.62	51	0.22	2.01	22	<0.5
201192		0.07	2.07	42	1.91	4.06	32	<0.5
201193		0.09	1.29	42	0.54	2.97	37	<0.5
201194		0.06	8.76	27	4.07	12.85	33	1.6
201195		0.05	0.85	33	0.18	1.08	30	<0.5
201196		0.04	0.94	50	0.08	1.19	43	<0.5
201197		0.06	0.54	55	0.10	1.75	25	<0.5
201198		0.05	1.26	36	0.13	1.55	32	<0.5
201199		0.08	1.15	28	0.10	2.21	46	<0.5
201200		0.06	1.23	34	0.14	3.70	72	<0.5

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
201201		0.56	<0.005	0.03	1.73	4.3	<10	620	0.72	0.25	0.11	0.36	58.70	6.8	11	3.42
201202		0.36	<0.005	0.11	1.27	8.2	<10	70	0.42	0.36	0.09	0.20	23.90	6.8	18	3.32
201203		0.30	<0.005	0.13	0.68	4.8	<10	60	0.21	0.25	0.09	0.14	17.75	4.3	9	2.45
201204		0.38	<0.005	0.03	1.34	7.5	<10	30	0.47	0.25	0.05	0.22	22.10	6.3	14	1.61
201205		0.46	<0.005	0.06	0.82	7.3	<10	50	0.26	0.42	0.06	0.10	35.90	6.1	11	1.13
201206		0.40	<0.005	0.02	2.07	10.8	<10	30	0.73	0.28	0.05	0.09	26.70	18.9	18	2.69
201207		0.32	<0.005	0.07	1.27	5.3	<10	30	0.34	0.35	0.05	0.06	21.50	4.6	13	2.95
201208		0.36	<0.005	0.07	0.56	10.8	<10	40	0.23	0.50	0.06	0.09	29.30	5.4	13	2.45
201209		0.38	<0.005	0.03	1.62	9.4	<10	40	0.64	0.24	0.08	0.17	29.80	12.3	20	1.89
201210		0.46	0.007	0.03	1.85	10.1	<10	40	0.66	0.24	0.07	0.19	29.80	12.4	22	2.36
201211		0.32	<0.005	0.08	0.53	7.6	<10	40	0.19	0.38	0.10	0.08	20.40	6.9	9	0.98
201212		0.36	<0.005	0.02	1.73	7.0	<10	20	0.63	0.24	0.06	0.13	33.10	11.1	18	1.68
201213		0.30	<0.005	0.09	1.04	12.4	<10	40	0.28	0.34	0.11	0.34	17.40	10.8	19	0.74
201214		0.44	<0.005	0.07	1.41	15.8	<10	50	0.83	0.47	0.05	0.18	70.80	16.6	17	2.90
201215		0.42	<0.005	0.12	1.46	15.2	<10	80	1.51	0.58	0.05	0.21	55.00	31.0	21	4.08
201216		0.28	<0.005	0.09	0.85	9.5	<10	40	0.30	0.45	0.06	0.10	40.80	5.7	13	1.73
201217		0.48	<0.005	0.05	0.96	9.2	<10	50	0.38	0.45	0.04	0.07	60.10	7.5	13	1.52
201218		0.30	<0.005	0.05	1.01	17.2	<10	40	0.26	0.59	0.05	0.13	52.30	7.0	20	1.33
201219		0.36	<0.005	0.05	0.99	9.8	<10	40	0.43	0.57	0.03	0.06	58.40	5.6	11	1.41
201220		0.42	<0.005	0.05	1.39	9.5	<10	40	0.50	0.35	0.05	0.07	32.10	7.0	15	1.51
202247		0.34	<0.005	0.07	1.75	11.0	<10	100	0.65	0.56	0.04	0.11	58.90	11.2	23	2.80
202248		0.36	<0.005	0.27	2.01	11.8	<10	180	1.09	0.59	0.05	0.11	95.90	10.6	24	2.71
202249		0.22	<0.005	0.13	0.47	3.4	<10	50	0.23	0.19	0.05	0.10	40.30	2.6	9	8.64
202250		0.64	<0.005	0.14	1.88	87.2	<10	60	0.75	8.90	0.14	0.34	97.00	42.9	23	3.43
202251		0.60	<0.005	0.16	1.92	88.0	<10	70	0.87	8.30	0.20	0.41	114.00	50.7	24	3.67
202252		0.34	<0.005	0.06	1.72	12.4	<10	150	0.63	0.52	0.12	0.12	48.30	11.9	23	1.43
202253		0.42	0.005	0.15	1.68	10.2	<10	130	0.79	0.47	0.07	0.10	59.30	9.4	22	2.36
202254		0.32	<0.005	0.08	0.84	4.9	<10	50	0.29	0.27	0.06	0.05	36.70	4.8	14	1.96
202255		0.30	0.009	0.12	0.80	5.0	10	170	0.49	0.19	3.65	0.19	20.30	7.3	12	1.25
202256		0.38	<0.005	0.11	1.11	8.0	<10	140	0.53	0.32	1.66	0.26	37.40	12.3	19	1.59
202257		0.48	0.005	0.08	1.22	8.3	<10	100	0.61	0.22	0.34	0.07	36.40	19.2	32	1.73
202258		0.18	0.007	0.14	1.48	7.5	<10	460	0.90	0.21	1.76	0.21	38.00	23.5	39	2.68
202259		0.36	<0.005	0.08	1.20	6.8	<10	210	0.85	0.19	1.44	0.16	43.60	10.0	26	1.43
202260		0.22	<0.005	0.06	0.27	2.5	<10	70	0.15	0.15	0.81	0.28	12.60	1.8	6	0.95
202261		0.60	0.005	0.09	1.45	10.5	<10	120	0.87	0.31	0.46	0.13	60.30	12.5	24	2.02
202262		0.66	<0.005	0.11	1.81	10.1	<10	60	0.84	0.35	0.13	0.15	73.80	15.9	27	2.32
202263		0.50	<0.005	0.11	1.51	9.8	<10	70	0.79	0.30	0.20	0.18	79.80	14.9	21	1.22
202264		0.46	<0.005	0.04	0.90	6.3	<10	40	0.48	0.28	0.15	0.09	44.60	7.5	15	1.59
202265		0.42	<0.005	0.14	1.32	6.6	<10	210	0.81	0.24	1.81	0.38	42.90	10.5	20	2.04
202266		0.46	0.006	0.09	0.87	7.0	<10	90	0.46	0.85	1.97	0.16	39.10	8.3	13	1.38

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700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 18-SEP-2006
Account: EIA

Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070799

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
201201		5.5	2.21	4.31	0.05	0.04	0.02	0.016	0.11	26.8	17.1	0.70	576	0.52	<0.01	0.24
201202		14.1	2.12	6.10	<0.05	<0.02	0.06	0.019	0.06	11.3	11.1	0.77	238	2.75	<0.01	0.27
201203		12.0	1.14	3.50	<0.05	0.02	0.12	0.013	0.06	8.6	2.5	0.34	91	2.31	<0.01	0.33
201204		9.5	2.01	6.99	<0.05	<0.02	0.04	0.014	0.04	10.6	14.3	1.02	126	3.29	<0.01	0.33
201205		17.6	2.22	4.66	<0.05	<0.02	0.06	0.020	0.08	16.9	3.2	0.20	468	1.82	<0.01	0.33
201206		13.0	2.97	7.06	0.07	<0.02	0.03	0.020	0.05	12.2	23.2	2.01	236	2.94	<0.01	0.64
201207		9.7	1.49	5.96	<0.05	<0.02	0.09	0.014	0.05	10.5	8.9	1.05	96	2.53	<0.01	0.40
201208		16.7	2.01	6.22	<0.05	<0.02	0.04	0.019	0.09	14.3	1.7	0.09	156	1.95	<0.01	0.49
201209		16.0	2.68	5.63	0.05	<0.02	0.05	0.021	0.06	14.1	19.9	1.16	283	1.54	<0.01	0.54
201210		15.6	2.99	6.10	0.05	0.02	0.06	0.021	0.05	13.8	21.0	1.32	329	1.63	<0.01	0.52
201211		16.2	2.36	4.28	<0.05	0.02	0.11	0.024	0.09	9.9	2.5	0.13	695	1.63	<0.01	0.68
201212		12.0	2.56	6.17	0.05	<0.02	0.03	0.015	0.05	15.7	22.6	1.62	325	2.99	<0.01	0.49
201213		22.7	3.36	5.21	<0.05	<0.02	0.13	0.018	0.07	8.3	3.9	0.15	1080	1.29	<0.01	0.40
201214		36.6	2.84	4.21	0.06	0.04	0.07	0.031	0.07	35.4	15.6	0.30	589	1.21	<0.01	0.59
201215		55.8	4.66	5.83	0.07	0.05	0.11	0.109	0.08	25.7	11.5	0.23	3030	2.05	<0.01	0.47
201216		22.9	2.00	3.96	<0.05	<0.02	0.05	0.022	0.05	20.2	3.6	0.13	187	1.41	0.01	0.82
201217		22.1	2.21	4.18	<0.05	0.02	0.03	0.020	0.05	27.7	6.5	0.22	269	1.42	<0.01	1.30
201218		23.3	4.02	8.08	0.06	0.02	0.05	0.024	0.06	24.1	7.2	0.21	296	1.71	<0.01	1.24
201219		28.0	2.06	4.07	0.05	<0.02	0.03	0.020	0.04	27.6	6.3	0.18	141	1.41	<0.01	1.01
201220		13.7	2.08	4.77	<0.05	<0.02	0.04	0.017	0.05	15.3	18.6	0.67	238	1.12	<0.01	0.32
202247		34.8	3.75	6.15	0.06	0.03	0.06	0.032	0.09	31.4	23.7	0.49	730	1.33	<0.01	0.87
202248		33.1	3.86	6.27	0.09	0.05	0.06	0.045	0.11	70.6	21.5	0.46	596	1.54	<0.01	0.88
202249		11.1	1.34	2.46	<0.05	<0.02	0.08	0.011	0.06	20.6	2.9	0.08	115	0.82	0.01	0.15
202250		122.0	4.12	5.59	0.09	0.06	0.04	0.072	0.05	49.3	35.0	0.66	1125	2.47	<0.01	0.45
202251		138.0	4.16	5.69	0.09	0.07	0.04	0.078	0.05	58.0	36.1	0.69	1205	2.50	0.01	0.44
202252		15.8	3.92	5.21	0.06	0.04	0.06	0.044	0.08	19.2	19.6	0.34	437	1.73	<0.01	1.14
202253		32.3	3.34	6.00	0.06	0.03	0.06	0.034	0.09	27.8	21.2	0.42	471	1.24	<0.01	1.19
202254		9.2	2.01	5.22	<0.05	<0.02	0.04	0.012	0.05	18.4	8.8	0.28	268	0.81	<0.01	0.86
202255		33.8	1.27	2.51	0.05	0.06	0.08	0.016	0.05	14.8	9.8	0.53	728	0.67	0.01	0.53
202256		22.0	2.03	3.90	0.06	0.05	0.05	0.024	0.05	17.7	15.2	0.65	1730	0.69	0.01	0.82
202257		31.9	2.80	5.72	0.05	0.04	0.02	0.024	0.04	17.4	17.0	0.68	681	1.03	0.01	1.99
202258		137.5	2.46	7.36	0.07	0.07	0.07	0.034	0.05	21.8	18.9	1.15	1780	0.77	0.01	2.37
202259		25.9	2.03	4.92	0.06	0.08	0.05	0.024	0.06	24.9	16.7	0.77	1130	0.51	0.01	1.43
202260		8.0	0.58	1.56	<0.05	0.02	0.18	0.009	0.04	7.2	1.3	0.07	97	0.43	0.01	0.57
202261		28.4	2.83	4.87	0.06	0.06	0.03	0.027	0.07	30.0	23.4	0.72	690	0.71	0.01	1.32
202262		27.5	3.42	4.84	0.11	0.03	0.04	0.022	0.05	27.1	32.8	0.66	696	0.89	0.01	1.56
202263		24.4	2.87	3.67	0.12	0.04	0.03	0.024	0.04	31.7	27.8	0.53	573	0.80	<0.01	0.97
202264		12.9	2.16	4.54	0.08	0.02	0.03	0.011	0.04	21.3	13.5	0.35	315	0.85	<0.01	1.17
202265		30.8	1.98	4.28	0.09	0.04	0.06	0.023	0.05	23.0	17.1	0.63	3130	0.74	0.01	0.79
202266		22.4	1.68	2.60	0.08	0.03	0.07	0.014	0.05	14.1	15.0	0.56	881	0.69	0.01	0.67

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
201201		6.9	740	34.2	10.3	<0.001	0.04	0.32	1.3	0.4	0.5	133.5	<0.01	0.03	5.9	<0.005
201202		11.1	1230	22.8	9.0	<0.001	0.12	0.86	0.7	0.7	0.5	9.4	<0.01	0.07	<0.2	0.008
201203		6.5	1940	7.4	7.1	<0.001	0.16	0.65	0.6	0.8	0.4	6.1	<0.01	0.05	<0.2	<0.005
201204		11.3	780	7.7	6.6	<0.001	0.07	0.63	0.8	0.6	0.5	6.7	<0.01	0.06	0.2	0.013
201205		9.2	1050	10.5	17.6	<0.001	0.11	0.77	0.7	0.8	0.5	5.5	<0.01	0.07	<0.2	0.011
201206		21.9	440	10.7	7.2	<0.001	0.05	0.74	3.6	0.6	0.5	7.1	<0.01	0.08	1.6	0.035
201207		7.4	1150	5.9	8.9	<0.001	0.12	0.64	0.9	0.8	0.5	4.3	<0.01	0.12	0.2	0.006
201208		9.5	1050	10.3	15.6	<0.001	0.09	0.89	0.7	0.6	0.9	5.7	<0.01	0.09	<0.2	0.016
201209		21.8	570	12.7	8.2	<0.001	0.05	0.68	1.8	0.6	0.4	8.1	<0.01	0.05	1.3	0.029
201210		22.0	600	13.4	8.5	<0.001	0.05	0.70	1.7	0.6	0.4	8.0	<0.01	0.05	1.2	0.028
201211		8.0	1030	8.7	14.8	<0.001	0.10	0.81	0.9	0.6	0.4	6.4	<0.01	0.07	0.5	0.020
201212		14.7	450	11.1	8.8	<0.001	0.04	0.99	1.8	0.5	0.4	6.2	<0.01	0.06	0.8	0.026
201213		10.9	1850	9.2	8.4	<0.001	0.15	0.64	0.6	1.0	0.3	5.3	<0.01	0.06	<0.2	0.006
201214		18.1	790	20.7	12.9	<0.001	0.06	0.55	1.3	0.7	0.3	4.7	<0.01	0.05	5.7	0.012
201215		22.3	1270	19.6	18.2	<0.001	0.10	0.95	3.1	1.0	0.5	5.0	0.01	0.08	6.5	0.013
201216		9.2	1060	18.1	10.2	<0.001	0.10	0.76	0.7	0.7	0.4	6.0	<0.01	0.06	0.2	0.011
201217		10.8	630	15.3	13.9	<0.001	0.05	0.52	1.0	0.6	0.4	7.7	0.01	0.06	1.9	0.014
201218		14.4	740	17.4	17.7	<0.001	0.07	0.97	1.2	0.9	0.6	6.9	<0.01	0.10	0.7	0.034
201219		9.5	810	11.5	9.1	<0.001	0.07	0.48	0.7	0.7	0.3	4.3	0.01	0.06	0.5	0.011
201220		10.8	790	14.4	9.0	<0.001	0.06	0.63	0.7	0.5	0.3	6.2	<0.01	0.05	0.3	0.009
202247		19.2	510	17.2	17.0	<0.001	0.03	0.56	2.5	0.5	0.5	5.3	<0.01	0.15	7.7	0.019
202248		20.8	690	19.9	19.0	<0.001	0.03	0.56	3.1	0.8	0.5	6.2	<0.01	0.12	8.6	0.019
202249		6.3	960	4.3	10.7	<0.001	0.06	0.72	0.6	0.6	0.3	3.1	<0.01	0.04	<0.2	0.007
202250		43.6	590	22.5	10.0	<0.001	0.03	1.49	3.3	0.8	0.4	6.9	<0.01	0.14	16.7	0.013
202251		47.0	620	22.7	10.7	<0.001	0.03	1.45	3.5	0.8	0.4	7.7	0.01	0.13	17.2	0.013
202252		21.6	410	19.7	15.2	<0.001	0.03	0.63	2.8	0.5	0.5	7.0	0.01	0.06	6.7	0.028
202253		19.5	600	12.0	19.5	<0.001	0.03	0.66	2.4	0.7	0.5	6.5	<0.01	0.09	5.5	0.023
202254		10.2	360	6.1	12.7	<0.001	0.02	0.41	1.7	0.4	0.5	4.0	<0.01	0.06	4.1	0.028
202255		14.5	1060	6.3	12.1	<0.001	0.17	0.56	1.8	1.4	0.2	27.6	0.01	0.06	1.5	0.017
202256		19.2	800	9.9	13.5	<0.001	0.09	0.41	3.0	1.0	0.4	16.1	0.01	0.08	3.3	0.034
202257		26.0	470	13.8	10.4	<0.001	0.03	0.43	4.0	0.6	0.5	12.7	<0.01	0.07	4.0	0.064
202258		37.7	950	11.7	16.9	<0.001	0.10	0.38	8.0	1.4	0.7	22.3	0.01	0.08	3.7	0.081
202259		26.7	780	8.1	14.6	<0.001	0.07	0.49	5.4	1.0	0.5	19.4	0.01	0.04	6.5	0.061
202260		3.9	700	3.7	5.0	<0.001	0.13	0.30	2.1	0.9	0.3	10.3	0.01	0.03	2.4	0.022
202261		27.2	410	10.5	17.9	<0.001	0.02	0.55	4.0	0.7	0.4	11.6	<0.01	0.05	10.2	0.050
202262		27.7	400	12.0	13.4	<0.001	0.02	0.55	2.9	<0.2	0.4	7.7	<0.01	0.04	12.3	0.049
202263		26.4	520	9.4	8.1	<0.001	0.01	0.57	2.8	<0.2	0.3	9.5	0.01	0.04	13.5	0.033
202264		12.7	310	8.3	12.5	<0.001	0.03	0.40	1.7	0.2	0.4	6.1	0.01	0.05	7.2	0.033
202265		23.4	960	8.7	13.6	<0.001	0.10	0.51	3.2	0.8	0.3	19.2	0.01	0.04	2.8	0.034
202266		14.8	730	7.1	10.5	<0.001	0.12	0.55	1.8	0.8	0.2	18.3	0.01	0.03	3.9	0.024

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 18-SEP-2006
Account: EIA

Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070799

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
201201		0.06	1.37	13	<0.05	3.50	156	0.7
201202		0.10	1.20	45	0.16	2.21	61	<0.5
201203		0.07	1.12	27	0.11	1.60	42	<0.5
201204		0.06	1.41	41	0.12	1.99	32	<0.5
201205		0.10	1.06	33	0.12	2.74	45	<0.5
201206		0.05	2.03	40	0.14	2.64	44	<0.5
201207		0.07	1.29	33	0.09	1.34	33	<0.5
201208		0.10	1.02	57	0.18	2.07	44	<0.5
201209		0.08	1.90	37	0.15	3.43	54	<0.5
201210		0.08	1.99	40	0.18	3.50	57	<0.5
201211		0.07	0.94	32	0.14	2.11	43	<0.5
201212		0.05	2.57	37	0.12	2.52	45	<0.5
201213		0.07	1.81	34	0.12	2.62	41	<0.5
201214		0.11	2.41	24	0.10	5.88	65	0.7
201215		0.16	5.29	35	0.15	10.95	58	0.7
201216		0.11	2.43	27	0.15	4.18	41	<0.5
201217		0.10	2.58	25	0.25	5.82	40	<0.5
201218		0.11	1.35	53	0.22	3.32	58	0.5
201219		0.10	2.95	24	0.22	5.90	30	<0.5
201220		0.08	1.56	27	0.09	2.68	34	<0.5
202247		0.16	1.23	43	0.17	3.25	58	0.5
202248		0.18	2.47	43	0.20	8.52	56	0.6
202249		0.09	1.00	15	0.07	1.66	18	<0.5
202250		0.11	4.10	28	0.13	12.55	377	0.8
202251		0.11	4.51	28	0.21	15.25	424	0.8
202252		0.11	0.82	47	0.30	3.68	46	1.2
202253		0.14	1.45	39	0.23	5.92	60	<0.5
202254		0.09	0.66	27	0.17	3.17	25	<0.5
202255		0.09	2.41	14	0.10	11.45	54	1.1
202256		0.13	2.32	24	0.12	10.80	73	0.8
202257		0.11	1.28	55	0.27	6.91	43	0.8
202258		0.13	3.50	53	0.29	24.10	47	1.2
202259		0.09	2.81	34	0.26	19.20	43	1.5
202260		0.02	0.81	8	0.08	2.89	21	0.6
202261		0.12	1.73	30	0.26	13.60	70	1.1
202262		0.13	1.38	26	0.29	8.42	75	0.9
202263		0.07	1.60	22	0.20	11.55	73	0.9
202264		0.09	1.24	25	0.21	6.91	37	0.5
202265		0.13	3.09	24	0.21	15.05	78	0.8
202266		0.08	1.01	13	0.12	6.88	83	0.9

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Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070799

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
202267		0.78	<0.005	0.08	1.33	10.6	<10	70	0.60	0.30	0.37	0.16	61.90	14.1	20	1.48
202268		0.30	<0.005	0.07	0.74	8.6	<10	50	0.15	0.39	0.03	0.09	26.30	3.9	13	1.45
202269		0.50	<0.005	0.13	2.15	68.6	<10	80	0.98	0.76	0.05	0.09	37.50	22.9	28	4.96
202270		0.58	<0.005	0.12	2.63	19.6	<10	90	1.08	0.84	0.04	0.12	75.40	25.3	25	3.08
202271		0.62	<0.005	0.13	2.69	21.1	<10	90	1.21	1.44	0.05	0.14	89.20	26.6	26	3.11
202272		0.58	<0.005	0.35	2.10	71.5	<10	100	3.21	2.33	0.11	0.24	109.50	158.5	26	6.05
202273		0.42	0.005	0.19	2.13	44.8	<10	120	1.87	1.51	0.11	0.24	60.60	55.3	29	4.89
202274		0.60	<0.005	0.16	2.44	39.3	<10	80	2.56	2.60	0.05	0.17	138.00	77.3	26	3.81
202275		0.76	<0.005	0.15	2.14	32.3	<10	70	1.83	1.88	0.06	0.10	130.00	41.5	22	3.33
202276		0.48	<0.005	0.10	2.09	28.0	<10	50	1.50	1.61	0.02	0.10	106.00	27.5	22	2.99
202277		0.46	0.008	0.19	2.74	100.5	<10	110	3.91	1.66	0.02	0.53	265.00	123.0	24	10.05
202278		0.42	<0.005	0.17	2.52	40.0	<10	130	2.65	1.89	0.02	0.19	256.00	55.7	24	6.31
202279		0.40	<0.005	0.24	2.23	39.2	<10	150	2.78	1.66	0.07	0.53	288.00	70.4	21	5.49
202280		0.24	<0.005	0.36	2.42	44.3	<10	260	3.75	1.69	0.12	0.67	395.00	83.0	22	8.38
202281		0.50	0.019	0.43	1.33	73.9	<10	60	1.58	3.07	0.01	0.06	137.00	3.3	18	3.16
202282		0.60	0.015	0.61	1.90	75.9	<10	90	2.08	2.91	0.03	0.17	152.50	8.3	22	6.24
202283		0.66	<0.005	0.15	1.64	16.3	<10	90	1.41	0.94	0.06	0.11	140.00	24.1	17	4.32
202284		0.60	<0.005	0.17	1.94	37.3	<10	60	2.05	0.70	0.08	0.29	>500	72.5	23	4.14
202285		0.48	<0.005	0.11	1.80	25.1	<10	70	2.72	0.60	0.11	0.39	490.00	63.1	21	3.82
202286		0.40	<0.005	0.16	1.51	15.9	<10	40	1.05	0.67	0.06	0.26	179.50	22.5	19	1.80
202287		0.64	<0.005	0.15	2.22	21.5	<10	50	2.87	0.95	0.08	0.36	>500	63.0	24	6.94
202288		0.52	<0.005	0.24	2.14	40.3	<10	50	2.63	0.94	0.07	0.26	371.00	58.0	24	5.45
202289		0.68	<0.005	0.21	2.05	48.2	<10	60	3.89	0.93	0.07	0.56	>500	104.5	22	6.34
202290		0.04	<0.005	0.01	0.02	<0.1	<10	<10	<0.05	<0.01	<0.01	0.02	2.48	0.2	<1	<0.05
202291		0.70	0.011	0.36	1.90	47.4	<10	150	1.91	2.22	0.02	0.06	230.00	9.5	22	7.20
202292		0.54	0.023	0.87	1.63	45.0	<10	150	1.42	3.87	0.02	0.07	121.00	10.2	26	6.04
202293		0.70	0.015	0.46	1.64	58.7	<10	130	1.24	2.12	0.01	0.05	183.50	5.7	22	6.80
202294		0.30	<0.005	0.34	0.75	24.8	<10	60	0.33	0.72	0.13	0.27	55.70	3.9	13	1.45
202295		0.60	<0.005	0.32	2.09	53.7	<10	80	1.06	1.07	0.04	0.16	108.00	7.9	25	2.42
202296		0.36	<0.005	0.32	0.79	12.9	<10	120	0.41	0.41	0.08	0.34	39.90	5.3	10	1.31
202297		0.52	<0.005	0.31	1.88	44.0	<10	80	0.86	0.81	0.03	0.14	79.40	6.8	21	1.65
202298		0.58	<0.005	0.21	2.09	29.7	<10	120	1.40	0.78	0.13	0.27	101.50	11.5	31	1.74
202299		0.48	0.007	0.18	1.16	25.6	<10	60	0.60	0.64	0.09	0.18	62.10	7.1	18	0.97
202300		0.52	0.022	0.13	0.84	9.6	<10	20	0.21	0.24	0.02	0.06	17.00	1.5	10	0.92
202301		0.60	0.007	0.17	1.74	12.9	<10	90	0.76	0.27	0.06	0.37	38.50	6.1	23	1.12
202302		0.50	0.006	0.14	1.36	24.3	<10	70	0.63	0.52	0.08	0.21	57.40	8.9	20	1.25
202303		0.40	0.012	0.12	0.67	19.2	<10	50	0.22	0.70	0.07	0.08	30.90	2.8	11	1.11
202304		0.30	0.005	0.50	1.20	20.5	<10	70	0.47	0.61	0.06	0.18	84.10	5.5	18	1.30
202305		0.44	0.007	0.18	0.88	14.7	<10	30	0.23	0.42	0.06	0.08	31.30	1.8	10	1.27
202306		0.38	0.015	0.26	1.04	15.0	<10	60	0.33	0.47	0.04	0.12	34.90	3.3	15	1.19

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CERTIFICATE OF ANALYSIS WN06070799

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
202267		19.7	2.84	4.06	0.13	0.06	0.02	0.018	0.08	27.4	23.7	0.72	633	0.88	<0.01	1.03
202268		13.8	1.41	5.97	0.06	<0.02	0.08	0.008	0.04	12.8	1.8	0.06	82	2.18	<0.01	0.78
202269		53.3	3.72	7.36	0.10	0.02	0.05	0.042	0.06	18.1	24.9	0.45	441	2.43	<0.01	1.25
202270		38.0	3.74	5.69	0.14	0.07	0.05	0.024	0.05	34.5	48.5	1.69	888	1.21	<0.01	0.48
202271		41.8	4.01	6.12	0.10	0.08	0.04	0.031	0.06	42.6	49.3	1.81	937	1.17	<0.01	0.47
202272		153.5	4.79	5.82	0.13	0.09	0.07	0.088	0.06	54.8	45.2	0.61	2980	3.14	0.01	0.61
202273		115.5	4.55	5.94	0.09	0.05	0.05	0.075	0.07	29.3	32.7	0.61	1520	2.53	0.01	0.88
202274		181.5	6.23	6.90	0.16	0.10	0.05	0.083	0.05	68.8	58.6	0.70	2440	3.50	0.01	0.56
202275		108.5	5.13	7.43	0.17	0.07	0.03	0.061	0.05	53.2	50.9	0.63	1280	3.06	0.01	0.24
202276		91.7	5.02	7.28	0.14	0.11	0.04	0.063	0.04	43.0	39.7	0.51	1010	2.56	0.01	0.47
202277		171.5	6.01	7.94	0.25	0.14	0.06	0.114	0.06	68.8	40.5	0.63	2670	8.44	0.01	1.37
202278		105.0	5.01	8.01	0.22	0.15	0.04	0.075	0.06	82.2	45.3	0.57	1260	4.82	0.02	0.66
202279		105.5	4.62	6.81	0.25	0.09	0.03	0.074	0.06	95.4	43.1	0.59	1520	4.87	0.02	0.68
202280		98.2	4.68	7.94	0.30	0.13	0.11	0.119	0.08	121.5	40.8	0.62	2130	6.27	0.02	0.72
202281		88.0	5.41	6.26	0.16	0.06	0.05	0.061	0.05	71.4	20.9	0.32	211	13.35	0.02	0.14
202282		102.0	5.58	6.70	0.15	0.09	0.08	0.104	0.07	80.4	30.1	0.40	453	10.55	0.03	0.43
202283		53.0	3.41	5.81	0.16	0.06	0.01	0.042	0.08	60.5	44.1	0.57	723	2.76	0.02	0.21
202284		132.0	3.71	7.76	0.24	0.11	0.02	0.055	0.06	67.9	30.5	0.57	769	3.41	0.01	0.68
202285		106.5	3.30	7.31	0.31	0.12	0.05	0.046	0.06	109.0	29.8	0.57	695	3.15	0.01	0.72
202286		47.2	3.33	5.51	0.09	0.05	0.04	0.033	0.05	34.8	30.0	0.64	695	2.57	0.02	0.29
202287		117.5	4.21	8.26	0.35	0.11	0.03	0.079	0.06	127.0	46.4	0.86	1010	4.19	0.02	0.46
202288		140.0	4.67	7.60	0.30	0.13	0.05	0.099	0.06	112.0	45.6	0.80	1030	5.23	0.02	0.39
202289		150.5	4.55	8.16	0.39	0.13	0.03	0.077	0.06	149.5	47.4	0.78	1610	6.40	0.01	0.36
202290		1.3	0.03	0.07	<0.05	0.03	<0.01	<0.005	<0.01	0.8	0.2	<0.01	5	0.06	<0.01	<0.05
202291		98.1	6.61	7.36	0.20	0.06	0.04	0.058	0.11	118.0	34.7	0.53	305	9.23	0.05	0.13
202292		113.0	8.90	7.05	0.16	0.06	0.05	0.124	0.06	54.0	23.1	0.38	307	14.20	0.05	0.42
202293		98.5	7.01	7.17	0.17	0.06	0.02	0.072	0.10	90.4	29.8	0.46	265	9.20	0.05	0.14
202294		28.2	2.27	4.59	0.06	0.02	0.07	0.021	0.07	27.5	7.3	0.21	344	4.50	0.01	1.16
202295		61.8	4.24	6.57	0.10	0.05	0.04	0.051	0.06	51.1	24.6	0.36	331	4.79	0.01	1.56
202296		26.0	1.83	4.85	0.05	<0.02	0.14	0.024	0.07	18.2	4.4	0.10	2490	3.39	0.01	0.56
202297		45.2	3.93	7.20	0.09	0.02	0.04	0.038	0.07	35.9	23.3	0.33	441	4.44	0.01	1.17
202298		60.5	4.21	6.68	0.09	0.04	0.08	0.046	0.07	41.2	27.1	0.53	747	5.42	0.02	2.68
202299		51.2	3.19	3.86	0.08	0.05	0.03	0.025	0.04	29.6	16.8	0.42	253	3.08	0.02	1.15
202300		270.0	27.70	3.13	0.23	0.03	0.05	0.014	0.03	7.6	1.1	0.03	79	1.47	0.01	1.03
202301		24.1	3.77	5.43	0.06	0.05	0.05	0.027	0.04	15.5	14.9	0.22	204	1.49	0.01	1.34
202302		38.4	2.94	4.51	0.06	0.03	0.06	0.026	0.04	26.2	18.0	0.35	287	2.86	0.01	1.22
202303		17.7	2.83	6.86	<0.05	<0.02	0.03	0.021	0.04	15.2	2.3	0.07	119	3.60	0.01	1.30
202304		33.9	3.36	5.59	0.08	0.03	0.05	0.024	0.04	38.7	14.3	0.29	192	3.95	0.01	1.34
202305		10.8	1.83	7.02	<0.05	<0.02	0.05	0.014	0.04	14.6	7.7	0.07	73	1.82	0.01	1.22
202306		16.2	2.15	5.93	0.05	<0.02	0.04	0.020	0.04	17.1	5.9	0.15	113	3.61	0.01	1.14

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	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
202267		25.7	470	10.2	11.8	<0.001	0.02	0.63	2.6	<0.2	0.3	8.7	<0.01	0.03	11.3	0.033
202268		8.2	780	7.6	5.2	<0.001	0.08	1.10	0.8	0.5	1.0	5.5	<0.01	0.04	0.3	0.021
202269		37.3	530	19.0	12.9	<0.001	0.03	1.50	2.8	0.4	0.7	8.2	<0.01	0.08	3.8	0.041
202270		30.8	550	10.0	6.7	<0.001	0.02	1.18	2.2	<0.2	0.2	3.2	0.01	0.04	16.8	0.008
202271		33.9	570	10.3	7.9	<0.001	0.03	1.10	2.5	0.6	0.2	3.4	<0.01	0.06	16.8	0.008
202272		137.0	990	17.4	8.4	<0.001	0.04	3.17	4.7	1.7	0.3	10.9	0.01	0.12	14.6	0.032
202273		76.3	800	15.4	11.0	<0.001	0.04	2.34	4.7	1.3	0.5	13.5	0.01	0.11	7.3	0.047
202274		107.5	740	13.1	6.8	<0.001	0.06	3.94	3.9	1.7	0.2	5.2	0.01	0.17	24.6	0.008
202275		57.8	680	13.0	7.0	<0.001	0.05	2.12	3.4	1.0	0.2	6.0	0.01	0.15	20.7	0.006
202276		41.7	620	12.1	8.5	<0.001	0.05	1.73	2.8	0.9	0.2	3.8	0.01	0.14	16.5	0.007
202277		147.5	680	70.8	13.0	0.001	0.06	6.59	6.6	2.0	0.4	6.8	0.01	0.22	23.1	0.011
202278		84.5	750	36.4	12.6	<0.001	0.09	2.54	3.5	1.4	0.4	7.4	0.01	0.17	20.4	0.006
202279		103.0	800	38.0	8.4	<0.001	0.09	3.00	3.2	1.5	0.3	7.7	0.01	0.16	21.0	0.007
202280		96.8	720	50.7	14.0	<0.001	0.10	2.46	3.0	1.8	0.5	9.7	0.01	0.17	18.5	0.005
202281		12.1	1170	69.3	7.1	0.001	0.18	5.31	2.2	2.1	0.3	12.2	<0.01	0.30	33.7	0.005
202282		22.2	1320	64.8	12.4	<0.001	0.20	4.08	2.9	2.3	0.5	14.9	<0.01	0.27	25.3	0.012
202283		46.6	420	12.0	8.4	<0.001	0.08	1.31	2.4	0.6	0.2	6.2	<0.01	0.08	19.0	<0.005
202284		103.0	690	57.4	10.3	<0.001	0.03	1.44	4.2	1.4	0.5	7.6	0.01	0.08	15.9	0.024
202285		103.5	730	44.4	10.1	<0.001	0.03	1.08	3.9	1.6	0.4	9.1	0.01	0.07	12.3	0.025
202286		40.4	700	48.2	6.8	<0.001	0.07	1.09	1.8	0.8	0.4	5.1	<0.01	0.08	10.2	0.011
202287		97.1	680	60.3	9.2	<0.001	0.05	1.28	4.1	1.5	0.5	7.5	0.01	0.10	21.3	0.017
202288		89.8	730	114.5	8.3	<0.001	0.08	1.84	4.2	1.6	0.5	7.1	0.01	0.12	23.5	0.014
202289		133.0	620	48.6	7.5	0.001	0.05	1.78	4.3	1.7	0.4	6.4	0.02	0.12	26.4	0.011
202290		0.5	20	1.5	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.4	<0.005
202291		28.1	1350	119.5	10.8	0.003	0.42	4.11	2.8	1.8	0.4	27.4	0.01	0.25	37.2	<0.005
202292		26.9	1690	245.0	10.0	<0.001	0.37	7.61	3.7	2.1	0.6	12.7	<0.01	0.33	49.0	0.013
202293		16.1	1220	191.0	13.6	0.002	0.50	4.44	3.1	1.3	0.4	10.2	<0.01	0.21	41.5	0.006
202294		8.7	760	33.5	13.5	<0.001	0.08	1.27	1.6	0.6	0.5	15.3	<0.01	0.09	2.3	0.030
202295		18.6	830	33.4	13.8	<0.001	0.07	1.36	3.2	1.0	0.5	16.8	0.01	0.13	11.5	0.036
202296		9.5	650	20.4	17.1	<0.001	0.06	0.68	1.2	0.4	0.6	10.5	<0.01	0.07	0.8	0.019
202297		14.3	980	27.0	16.9	<0.001	0.07	1.06	2.2	0.7	0.6	13.5	0.01	0.12	6.4	0.024
202298		33.7	1010	49.5	15.9	<0.001	0.11	1.45	3.1	1.0	0.6	17.5	0.01	0.11	6.4	0.053
202299		16.7	670	26.9	6.2	<0.001	0.06	1.30	2.2	0.6	0.3	13.1	<0.01	0.09	9.3	0.040
202300		2.5	890	10.1	5.2	<0.001	0.15	0.55	2.1	1.0	0.3	2.3	0.03	0.04	4.2	0.038
202301		14.6	380	14.3	10.0	<0.001	0.01	0.57	3.3	0.6	0.6	8.0	0.01	0.04	4.9	0.035
202302		19.2	580	22.9	8.5	<0.001	0.04	0.97	2.0	0.6	0.4	12.4	<0.01	0.09	5.6	0.034
202303		7.3	480	26.2	9.4	<0.001	0.03	0.86	1.3	0.4	0.8	7.1	<0.01	0.10	1.5	0.049
202304		15.2	600	25.3	7.8	<0.001	0.04	1.05	2.2	0.6	0.5	24.0	<0.01	0.10	7.6	0.036
202305		3.9	260	13.1	6.6	<0.001	0.01	0.39	1.3	0.4	0.8	6.7	<0.01	0.05	2.8	0.029
202306		8.1	470	16.6	8.4	<0.001	0.03	0.55	1.7	0.5	0.7	8.8	<0.01	0.07	1.2	0.032

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 18-SEP-2006
Account: EIA

Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070799

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
202267		0.11	1.12	20	0.25	10.35	90	1.5
202268		0.15	0.72	58	0.26	1.89	35	<0.5
202269		0.24	1.42	57	0.24	4.49	81	0.6
202270		0.08	2.87	20	0.11	8.44	79	1.8
202271		0.08	2.97	21	0.10	9.30	77	1.7
202272		0.17	5.81	35	0.20	32.50	102	1.0
202273		0.16	4.36	48	0.21	12.95	94	0.7
202274		0.12	4.46	21	0.13	20.30	87	2.1
202275		0.09	4.29	17	0.08	13.45	70	2.1
202276		0.12	2.97	20	0.08	8.34	64	3.5
202277		0.21	14.00	25	0.20	31.20	582	3.4
202278		0.18	8.41	21	0.13	23.40	179	3.9
202279		0.14	8.43	17	0.13	27.50	244	1.8
202280		0.23	7.69	18	0.15	30.10	406	2.8
202281		0.13	6.54	15	0.09	7.52	86	1.7
202282		0.21	10.80	23	0.13	9.26	132	2.1
202283		0.09	3.54	11	0.06	12.70	56	2.2
202284		0.16	7.12	29	0.21	21.70	219	2.1
202285		0.15	6.69	28	0.26	32.90	270	1.8
202286		0.07	2.36	17	0.15	10.50	117	1.3
202287		0.15	8.56	28	0.20	38.20	288	1.5
202288		0.16	7.90	24	0.24	31.60	282	2.6
202289		0.17	8.94	22	0.22	49.50	252	2.4
202290		<0.02	0.11	<1	<0.05	0.74	5	0.9
202291		0.28	9.51	16	0.10	9.33	116	1.9
202292		0.26	7.96	25	0.17	7.94	138	1.9
202293		0.21	6.41	17	0.09	6.88	89	2.9
202294		0.14	1.51	26	0.19	3.56	46	0.5
202295		0.31	3.05	34	0.23	6.88	64	1.3
202296		0.15	1.42	31	0.14	3.40	49	<0.5
202297		0.26	2.37	34	0.18	4.90	71	0.5
202298		0.23	3.20	40	0.22	9.57	101	1.1
202299		0.13	2.84	24	0.19	6.20	62	1.7
202300		0.10	2.49	25	0.12	1.88	43	1.0
202301		0.13	1.15	45	0.18	4.49	49	1.5
202302		0.12	2.22	32	0.17	5.45	64	1.0
202303		0.11	1.17	51	0.17	2.21	43	0.5
202304		0.14	1.79	34	0.19	5.90	54	1.2
202305		0.13	0.79	49	0.14	1.81	21	<0.5
202306		0.13	1.24	46	0.22	2.40	32	<0.5

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CERTIFICATE OF ANALYSIS WN06070799

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
202307		0.62	0.008	0.09	1.88	10.0	<10	100	0.59	0.22	0.11	0.18	29.40	9.7	24	1.07
202308		0.28	0.010	0.11	0.81	5.9	<10	40	0.19	0.29	0.05	0.15	27.30	2.4	10	1.21
202309		0.38	0.029	0.12	0.68	11.0	<10	50	0.21	0.38	0.05	0.23	28.30	3.3	13	1.09
202310		0.56	0.008	0.16	1.29	17.0	<10	90	0.47	0.36	0.09	0.32	56.30	19.5	26	0.88
202311		0.60	0.012	0.15	1.42	16.5	<10	100	0.34	0.33	0.10	0.27	50.70	17.8	29	0.74
202312		0.40	0.021	0.11	0.80	16.1	<10	40	0.17	0.41	0.03	0.05	32.00	3.6	16	1.28
202313		0.58	0.008	0.27	2.00	16.8	<10	80	0.52	0.57	0.06	0.23	61.80	36.2	55	1.65
202314		0.32	0.020	0.08	1.03	11.9	<10	20	0.18	0.27	0.03	0.08	36.30	6.6	16	2.68
202315		0.50	0.008	0.07	1.61	3.2	<10	70	1.35	0.40	0.73	0.20	63.00	14.8	25	11.40
202316		0.44	0.040	0.05	1.15	3.1	<10	40	0.67	0.33	0.23	0.10	39.80	10.5	23	5.08
202317		0.58	0.006	0.07	1.83	4.4	<10	80	1.08	0.35	0.29	0.11	52.90	14.1	28	6.31
202318		0.36	0.020	0.10	1.60	3.9	<10	50	0.91	0.43	0.36	0.08	52.30	10.9	24	6.09
202319		0.52	0.014	0.09	1.90	6.6	<10	60	1.08	0.40	0.32	0.13	45.20	13.7	27	7.11
202320		0.62	0.009	0.05	1.73	3.4	<10	140	1.79	0.56	0.62	0.10	90.40	17.8	27	10.30
202321		0.52	0.010	0.05	1.46	4.6	<10	50	0.68	0.41	0.20	0.09	36.00	10.1	29	6.61
202322		0.38	0.016	0.04	1.43	7.2	<10	70	0.35	0.29	0.05	0.16	43.90	4.6	22	1.59
202323		0.40	0.017	0.03	1.83	12.3	<10	50	1.06	1.07	0.10	0.05	65.70	32.4	23	2.20
202324		0.36	0.011	0.02	1.26	7.3	<10	90	0.50	0.22	0.14	0.14	47.50	8.8	23	1.69
202325		0.26	0.033	0.06	2.07	7.8	<10	90	1.34	0.30	0.05	0.08	198.50	12.0	29	3.93
202326		0.48	0.026	0.02	1.21	7.3	<10	40	0.28	1.03	0.04	0.06	76.00	8.7	18	5.30
202327		0.60	0.023	0.02	1.29	4.4	<10	20	0.27	0.43	0.03	0.03	88.70	11.6	18	2.70
202328		0.32	0.021	0.06	1.43	3.6	<10	80	0.42	0.24	0.78	0.12	64.50	8.0	23	2.50
202329		0.22	0.018	0.06	1.55	7.1	<10	230	0.70	0.25	1.04	0.16	123.00	10.0	20	1.76
202330		0.52	0.046	0.03	2.20	5.7	<10	70	0.67	0.29	0.13	0.09	98.50	17.5	33	3.33
202331		0.54	0.025	0.03	2.26	5.2	<10	60	0.66	0.29	0.12	0.12	105.50	17.7	34	3.52
202332		0.48	0.009	0.03	1.34	7.2	<10	60	0.58	0.23	0.13	0.11	60.40	10.2	22	1.06
202333		0.42	0.013	0.02	0.67	5.6	<10	30	0.06	0.36	0.03	0.02	66.00	2.0	11	1.37
202334		0.40	0.047	0.08	0.64	3.4	<10	50	0.25	0.22	0.08	0.08	54.00	4.7	11	1.00
202335		0.54	0.011	0.03	1.42	7.1	<10	70	0.63	0.53	0.13	0.07	70.70	13.8	20	2.04
202336		0.48	0.005	0.04	1.35	6.1	<10	110	0.64	0.48	0.15	0.09	64.60	11.4	20	1.98
202337		0.78	0.009	0.04	1.33	2.8	<10	120	0.49	0.41	0.18	0.09	52.70	8.7	20	1.69
202338		0.50	0.010	0.05	1.09	4.9	<10	120	0.40	0.19	0.23	0.06	30.90	5.8	17	1.06
202339		0.52	0.010	0.06	1.21	4.2	<10	110	0.46	0.23	0.21	0.10	40.80	7.8	19	1.07
202340		0.24	0.012	0.11	1.78	13.1	<10	220	1.71	0.49	0.34	0.19	96.60	18.1	18	2.66
202341		0.30	0.017	0.05	1.17	14.3	<10	70	0.44	0.72	0.08	0.11	36.40	10.9	19	2.25
202342		0.48	0.008	0.02	1.90	11.8	<10	80	1.19	0.64	0.09	0.17	61.80	21.0	28	3.38
202343		0.40	0.005	0.06	1.35	8.5	<10	100	0.76	0.92	0.25	0.07	50.80	15.2	20	3.22
202344		0.42	0.007	0.05	1.53	6.5	<10	40	0.89	0.37	0.08	0.06	105.50	10.6	22	6.99
202345		0.72	0.006	0.01	0.86	0.6	<10	10	0.26	0.23	0.15	0.04	102.00	12.6	15	4.04
202346		0.46	0.005	0.06	4.36	5.3	<10	40	1.42	0.31	0.09	0.14	21.40	48.1	18	4.43

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
202307		19.1	2.63	4.80	0.05	0.06	0.03	0.028	0.05	13.4	17.9	0.37	299	1.39	0.01	1.27
202308		13.9	1.24	5.11	<0.05	<0.02	0.04	0.013	0.04	12.3	2.3	0.07	79	2.18	0.01	0.59
202309		14.8	1.56	4.53	<0.05	<0.02	0.03	0.015	0.04	12.7	4.6	0.14	122	1.71	0.01	0.72
202310		43.6	3.58	4.34	0.09	0.04	0.03	0.019	0.05	23.6	16.1	0.73	911	2.06	0.01	1.25
202311		37.9	3.91	3.52	0.06	0.04	0.02	0.016	0.06	23.8	13.9	0.79	999	1.86	<0.01	0.98
202312		14.5	3.12	7.42	0.05	<0.02	0.03	0.017	0.03	15.9	3.4	0.10	135	3.09	<0.01	1.72
202313		47.8	4.66	6.28	0.08	0.05	0.05	0.028	0.06	27.9	25.4	1.31	2200	1.60	<0.01	2.17
202314		10.0	2.06	4.69	<0.05	<0.02	0.03	0.011	0.04	17.3	10.7	0.68	713	0.75	<0.01	0.43
202315		26.3	2.15	6.47	0.07	0.02	0.05	0.021	0.10	27.9	37.0	0.91	1945	0.38	0.01	1.85
202316		11.5	2.31	5.12	0.05	<0.02	0.05	0.018	0.08	17.4	26.2	0.55	525	0.49	0.01	1.81
202317		28.5	2.61	6.15	0.06	0.02	0.03	0.022	0.11	21.6	35.0	0.85	755	0.53	0.01	2.19
202318		24.2	2.22	6.37	0.05	0.02	0.11	0.024	0.12	25.6	28.0	0.63	684	0.64	0.01	1.74
202319		24.0	3.05	6.92	0.05	<0.02	0.04	0.030	0.12	18.3	36.4	0.75	715	0.77	0.01	1.84
202320		25.6	2.45	7.96	0.11	0.03	0.03	0.028	0.15	47.2	61.3	1.10	1850	0.32	0.01	1.62
202321		13.8	2.88	7.17	0.05	0.02	0.03	0.023	0.11	17.4	32.9	0.66	495	0.70	0.01	2.45
202322		7.4	2.70	8.29	0.05	<0.02	0.05	0.023	0.04	22.0	12.1	0.25	404	1.31	<0.01	0.86
202323		97.4	3.81	5.04	0.07	0.04	0.03	0.048	0.04	32.1	18.7	0.64	625	1.80	<0.01	1.00
202324		19.1	2.48	4.52	0.05	<0.02	0.02	0.023	0.04	22.7	15.3	0.56	344	1.04	<0.01	0.76
202325		29.2	2.64	7.17	0.16	0.05	0.05	0.031	0.04	141.0	17.6	0.51	533	1.25	<0.01	0.76
202326		22.8	2.71	5.67	0.07	<0.02	0.02	0.012	0.03	38.7	14.7	0.46	366	1.21	<0.01	0.55
202327		23.8	3.06	6.61	0.08	<0.02	0.02	0.011	0.02	44.1	15.2	0.49	397	1.56	<0.01	0.32
202328		8.6	2.36	7.71	0.07	0.03	0.07	0.019	0.03	39.5	21.3	1.05	293	0.88	0.01	0.42
202329		13.3	3.09	5.89	0.12	0.09	0.06	0.035	0.03	88.2	18.8	0.81	2060	0.97	0.01	0.45
202330		8.4	3.45	9.68	0.08	0.03	0.03	0.022	0.04	40.7	37.8	1.58	780	0.73	<0.01	0.44
202331		8.2	3.49	9.89	0.08	0.03	0.02	0.022	0.04	42.8	39.4	1.62	741	0.75	<0.01	0.45
202332		17.5	2.68	4.25	0.06	0.02	0.02	0.016	0.05	30.9	15.2	0.49	407	0.86	<0.01	0.70
202333		3.6	1.51	9.69	0.05	<0.02	0.03	0.007	0.03	33.2	2.5	0.10	107	0.68	<0.01	0.60
202334		21.0	1.29	3.93	0.05	<0.02	0.04	0.008	0.04	27.3	5.8	0.22	232	0.63	<0.01	0.28
202335		78.9	2.75	4.51	0.07	0.04	0.01	0.018	0.06	35.3	19.6	0.67	537	0.83	<0.01	0.90
202336		60.5	2.42	4.33	0.06	0.03	0.03	0.021	0.08	34.2	16.7	0.58	510	0.73	<0.01	0.77
202337		27.1	1.63	4.66	0.06	0.04	0.03	0.019	0.06	26.4	16.7	0.58	251	0.31	<0.01	0.81
202338		16.8	1.65	3.68	0.05	0.02	0.02	0.014	0.04	19.1	11.8	0.42	172	0.70	<0.01	0.65
202339		31.4	1.77	3.89	0.05	0.04	0.03	0.017	0.06	22.1	12.5	0.49	322	0.78	<0.01	0.77
202340		249.0	2.20	5.32	0.09	0.03	0.04	0.027	0.06	60.0	15.8	0.47	464	10.45	<0.01	0.63
202341		124.5	2.34	5.43	0.05	<0.02	0.05	0.028	0.06	21.0	9.3	0.33	239	1.67	<0.01	0.80
202342		139.0	3.85	7.03	0.05	<0.02	0.04	0.038	0.08	19.8	26.9	0.74	534	2.26	<0.01	0.80
202343		67.2	2.80	5.96	0.06	0.02	0.04	0.045	0.05	27.7	11.9	0.43	589	1.62	<0.01	0.61
202344		71.9	3.38	5.80	0.08	0.03	0.07	0.023	0.04	47.1	21.6	0.50	421	1.77	<0.01	0.64
202345		9.2	2.38	2.52	0.10	0.02	0.01	0.005	0.02	51.3	13.4	0.41	263	0.57	<0.01	<0.05
202346		9.2	2.92	13.85	0.08	0.02	0.06	0.019	0.04	10.3	57.2	5.61	795	7.04	<0.01	0.35

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 18-SEP-2006
Account: EIA

Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070799

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
202307		19.4	440	12.6	10.7	<0.001	0.01	0.47	3.1	0.6	0.4	11.0	0.01	0.03	4.6	0.040
202308		5.4	570	11.7	6.6	<0.001	0.05	0.37	1.1	0.4	0.9	5.7	<0.01	0.04	0.4	0.018
202309		7.9	530	11.6	9.0	<0.001	0.04	0.48	1.2	0.4	0.5	7.7	<0.01	0.05	0.3	0.032
202310		46.9	650	23.5	8.5	<0.001	0.03	0.82	2.8	0.4	0.3	13.6	<0.01	0.06	9.1	0.072
202311		43.9	690	21.2	7.5	<0.001	0.04	0.83	2.4	0.6	0.2	12.8	<0.01	0.04	7.7	0.072
202312		9.7	340	10.6	7.5	<0.001	0.02	0.64	1.5	0.5	0.7	5.0	<0.01	0.05	3.2	0.046
202313		68.8	630	28.3	14.7	<0.001	0.04	0.76	3.2	0.9	0.3	12.5	0.01	0.07	11.2	0.071
202314		12.2	480	10.7	7.8	<0.001	0.03	0.33	1.5	0.5	0.2	3.3	<0.01	0.03	2.6	0.018
202315		27.9	630	24.2	34.0	<0.001	0.05	0.55	3.3	0.7	0.6	35.0	0.01	0.06	7.2	0.070
202316		17.5	420	10.8	19.4	<0.001	0.03	0.41	2.1	0.5	0.5	16.8	<0.01	0.04	5.1	0.089
202317		27.3	240	14.6	27.4	<0.001	0.02	0.42	3.2	0.5	0.6	22.0	<0.01	0.05	10.4	0.106
202318		21.1	720	21.1	27.1	<0.001	0.07	0.44	2.2	0.9	0.6	20.7	0.01	0.06	2.3	0.063
202319		25.1	430	20.2	29.0	<0.001	0.03	0.44	3.0	0.5	0.7	16.0	<0.01	0.05	5.9	0.083
202320		31.2	630	15.9	32.2	<0.001	0.04	0.45	3.4	0.6	0.6	34.1	0.01	0.08	8.6	0.071
202321		19.7	250	17.3	23.8	<0.001	0.02	0.36	3.1	0.3	0.8	14.3	<0.01	0.05	7.3	0.105
202322		11.8	540	7.4	7.9	<0.001	0.04	0.40	2.7	0.5	0.6	5.2	<0.01	0.06	2.4	0.026
202323		31.2	560	7.2	14.0	<0.001	0.02	0.50	2.5	0.6	0.4	6.3	0.01	0.05	10.3	0.033
202324		31.6	480	8.5	8.9	<0.001	0.02	0.44	3.4	0.4	0.3	9.0	<0.01	0.04	6.4	0.032
202325		24.3	840	10.6	11.3	<0.001	0.06	0.48	3.6	1.1	0.5	6.6	<0.01	0.06	4.3	0.022
202326		20.8	500	5.1	9.2	<0.001	0.03	0.28	1.5	0.4	0.4	4.2	<0.01	0.08	4.2	0.018
202327		21.0	550	3.8	7.0	<0.001	0.03	0.22	1.4	0.5	0.3	2.8	<0.01	0.10	4.5	0.011
202328		23.3	1040	6.2	7.5	<0.001	0.09	0.32	4.5	0.8	0.4	10.5	<0.01	0.06	3.1	0.018
202329		21.8	1020	8.9	6.6	<0.001	0.07	0.47	11.9	1.3	0.5	14.4	0.01	0.09	8.2	0.019
202330		41.3	560	7.4	7.5	<0.001	0.03	0.43	4.3	0.4	0.5	5.0	<0.01	0.10	10.4	0.020
202331		43.3	570	7.2	8.2	<0.001	0.02	0.33	4.5	0.4	0.5	5.2	<0.01	0.10	11.0	0.022
202332		22.8	660	7.0	7.7	<0.001	0.02	0.48	2.5	0.4	0.4	8.9	<0.01	0.05	6.1	0.041
202333		4.6	320	4.6	4.4	<0.001	0.02	0.22	1.3	0.2	0.7	4.0	<0.01	0.04	1.6	0.032
202334		9.8	540	4.4	6.8	<0.001	0.03	0.42	1.2	0.4	0.4	5.1	<0.01	0.02	1.0	0.019
202335		25.6	550	5.0	11.9	<0.001	0.01	0.36	2.8	0.3	0.3	7.6	<0.01	0.04	11.1	0.036
202336		23.3	580	7.3	14.8	<0.001	0.01	0.39	3.2	0.4	0.4	10.0	<0.01	0.03	6.6	0.043
202337		25.0	390	7.6	14.5	<0.001	0.01	0.31	3.3	0.3	0.5	9.5	<0.01	0.03	7.3	0.037
202338		15.9	520	5.6	10.4	<0.001	0.02	0.32	2.0	0.3	0.3	10.5	<0.01	0.02	2.2	0.030
202339		18.5	640	6.1	11.5	<0.001	0.01	0.31	3.0	0.3	0.3	12.2	<0.01	0.02	4.6	0.040
202340		24.4	810	7.5	17.7	<0.001	0.07	0.36	2.1	1.1	0.4	12.9	<0.01	0.11	3.1	0.017
202341		12.8	670	8.7	15.1	<0.001	0.05	0.34	2.3	0.7	0.5	7.0	<0.01	0.07	1.6	0.035
202342		26.9	470	10.6	20.7	<0.001	0.05	0.54	2.4	0.7	0.6	7.4	<0.01	0.09	1.8	0.044
202343		15.2	950	10.0	13.8	<0.001	0.06	0.32	2.3	0.7	0.5	9.5	<0.01	0.05	2.2	0.021
202344		25.3	660	6.1	8.4	<0.001	0.03	0.59	2.3	0.7	0.3	7.1	<0.01	0.11	7.1	0.029
202345		25.5	820	1.1	3.9	<0.001	0.01	0.07	1.1	0.3	0.2	1.7	<0.01	0.09	13.8	0.037
202346		19.2	880	14.2	5.8	<0.001	0.07	0.48	6.3	0.6	0.4	6.2	<0.01	0.08	3.5	0.015

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 18-SEP-2006
Account: EIA

Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070799

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
202307		0.13	1.04	41	0.18	3.74	53	1.8
202308		0.12	0.80	35	0.16	2.00	23	<0.5
202309		0.10	1.05	35	0.20	3.13	30	<0.5
202310		0.11	1.94	29	0.18	9.81	104	1.2
202311		0.08	1.51	32	0.16	9.41	112	1.2
202312		0.10	0.58	58	0.17	2.28	40	0.5
202313		0.13	1.65	36	0.16	11.85	122	1.2
202314		0.10	0.56	20	0.12	1.92	35	<0.5
202315		0.27	2.59	25	0.56	11.90	93	<0.5
202316		0.18	1.19	27	0.37	6.18	50	<0.5
202317		0.27	2.46	31	0.58	9.95	78	0.5
202318		0.24	2.83	28	0.56	10.60	65	<0.5
202319		0.30	1.46	38	0.67	6.41	81	<0.5
202320		0.24	2.58	26	0.79	19.20	107	<0.5
202321		0.23	0.98	42	0.76	4.99	63	0.5
202322		0.08	0.71	57	0.19	2.33	34	<0.5
202323		0.09	1.48	34	0.16	6.13	28	1.4
202324		0.06	1.42	38	0.16	3.93	53	<0.5
202325		0.12	2.24	47	0.21	8.70	34	0.7
202326		0.07	1.67	29	0.10	3.55	50	<0.5
202327		0.06	1.47	29	0.12	3.14	71	<0.5
202328		0.08	2.70	30	0.38	4.42	47	0.7
202329		0.06	6.62	30	0.71	22.00	47	1.3
202330		0.07	1.13	43	0.31	3.35	76	0.8
202331		0.07	1.62	43	0.30	3.54	77	0.8
202332		0.06	1.16	36	0.19	5.06	56	0.5
202333		0.08	0.48	52	0.13	2.18	17	<0.5
202334		0.05	0.68	21	0.12	3.69	22	<0.5
202335		0.07	2.19	26	0.14	6.37	56	1.1
202336		0.10	1.29	29	0.20	8.44	50	0.6
202337		0.11	1.21	25	0.15	6.29	39	1.1
202338		0.07	0.80	29	0.15	3.82	35	0.5
202339		0.08	1.21	29	0.15	5.58	38	1.0
202340		0.12	6.60	30	0.22	11.55	36	0.7
202341		0.11	1.76	41	0.33	4.68	28	<0.5
202342		0.12	1.64	49	0.19	5.09	54	<0.5
202343		0.15	1.91	38	0.19	7.55	24	<0.5
202344		0.07	3.96	36	0.21	6.98	47	0.5
202345		0.02	1.27	16	<0.05	3.12	31	0.7
202346		0.04	2.28	54	0.07	3.04	59	0.6

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Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
202347		0.40	0.005	0.13	1.39	9.1	<10	40	0.65	0.23	0.06	0.18	25.20	6.9	19	2.30
202348		0.48	0.008	0.10	1.50	13.5	<10	60	1.29	0.67	0.10	0.16	37.70	13.6	18	4.33
202349		0.44	0.013	0.14	1.38	9.8	<10	80	1.06	0.49	0.08	0.09	27.50	26.7	18	1.92
202350		0.04	<0.005	0.02	0.02	0.1	<10	<10	<0.05	<0.01	<0.01	0.02	1.19	0.1	<1	<0.05
201301		0.46	0.007	0.05	1.07	9.3	<10	30	0.49	0.29	0.07	0.23	28.40	11.6	20	1.99
201302		0.40	0.019	0.08	0.90	7.8	<10	40	0.47	0.31	0.04	0.15	46.30	9.3	15	1.33
201303		0.58	0.006	0.08	1.32	10.9	<10	50	0.95	0.64	0.04	0.13	60.40	16.6	20	2.02
201304		0.72	0.009	0.03	1.55	6.4	<10	70	1.18	0.28	0.05	0.08	52.80	12.9	15	4.35
201305		0.54	<0.005	0.07	1.75	4.5	<10	190	1.59	0.21	0.08	0.22	84.70	26.6	15	4.09
201306		0.60	<0.005	0.14	1.09	9.4	<10	60	0.99	0.23	0.10	0.11	118.00	15.7	13	1.90
201307		0.38	0.006	0.08	2.21	13.1	<10	70	0.73	0.30	0.06	0.21	27.80	14.9	25	1.50
201308		0.60	<0.005	0.04	1.40	11.8	<10	40	0.50	0.33	0.04	0.08	53.10	7.3	17	2.57
201309		0.48	<0.005	0.05	1.58	18.5	<10	60	1.68	0.36	0.11	0.20	57.10	31.3	23	1.92
201310		0.04	<0.005	<0.01	0.02	0.2	<10	<10	<0.05	<0.01	<0.01	0.03	1.07	0.2	<1	<0.05
201311		0.46	0.007	0.17	1.68	11.2	<10	40	0.80	0.53	0.03	0.08	60.80	11.8	17	2.41
201312		0.50	<0.005	0.34	1.77	10.4	<10	110	1.13	0.29	0.07	0.30	45.50	15.9	20	2.29
201313		0.54	<0.005	0.09	1.46	12.7	<10	150	0.96	0.46	0.11	0.21	42.10	24.3	20	2.12
201314		0.48	0.007	0.12	0.81	11.9	<10	30	0.29	0.38	0.06	0.10	30.50	5.8	18	1.40
201315		0.44	0.005	0.12	1.41	18.3	<10	50	0.72	0.39	0.08	0.19	34.70	20.8	20	1.47
201316		0.54	0.007	0.08	1.94	19.5	<10	80	2.69	0.71	0.08	0.18	32.50	64.9	21	3.36
201317		0.40	<0.005	0.07	1.05	10.5	<10	80	0.75	0.32	0.19	0.19	28.10	22.7	14	1.57
201318		0.46	<0.005	0.13	0.89	14.3	<10	90	0.56	0.40	0.13	0.18	28.90	9.2	15	1.53
201319		0.48	<0.005	0.13	1.01	21.2	<10	50	0.71	0.24	0.13	0.10	43.60	15.0	16	1.08
201320		0.48	<0.005	0.07	0.83	16.2	<10	50	0.39	0.26	0.16	0.16	39.80	8.4	14	0.87
201321		0.60	<0.005	0.16	1.52	14.8	<10	100	0.85	0.62	0.12	0.22	65.70	23.7	18	2.00

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 18-SEP-2006
Account: EIA

Project: WERNECKES

CERTIFICATE OF ANALYSIS WN06070799

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
202347		14.9	2.54	5.96	0.05	<0.02	0.06	0.025	0.04	14.0	20.9	0.55	256	2.29	0.01	0.81
202348		17.0	2.96	6.25	0.06	<0.02	0.08	0.030	0.05	20.4	22.4	0.78	390	4.37	0.01	0.39
202349		18.9	2.78	5.21	0.05	<0.02	0.08	0.034	0.05	15.6	14.2	0.35	1760	2.68	0.01	0.48
202350		1.1	0.03	0.07	<0.05	<0.02	<0.01	<0.005	<0.01	0.7	0.1	<0.01	6	0.05	<0.01	0.08
201301		19.2	3.14	6.36	0.05	<0.02	0.05	0.029	0.05	16.2	12.4	0.32	239	1.13	0.01	0.93
201302		13.6	2.73	6.28	0.07	<0.02	0.08	0.017	0.05	26.5	4.6	0.13	237	1.58	0.01	1.69
201303		15.2	3.17	5.94	0.08	0.02	0.08	0.019	0.05	33.2	17.1	0.51	215	2.99	0.01	1.10
201304		11.1	1.58	3.97	0.06	<0.02	0.01	0.013	0.05	29.8	17.0	0.65	146	2.06	0.01	0.37
201305		17.7	1.84	4.40	0.09	0.03	0.01	0.026	0.09	48.2	19.9	0.61	226	0.81	0.01	0.33
201306		60.2	1.94	3.47	0.12	0.09	<0.01	0.011	0.04	67.9	11.0	0.35	242	0.81	<0.01	0.30
201307		18.8	2.97	5.64	0.05	0.04	0.12	0.030	0.06	14.9	17.9	0.32	332	1.59	0.01	1.51
201308		18.5	2.61	6.63	0.07	0.02	0.03	0.022	0.07	29.7	14.3	0.19	241	1.37	0.01	0.94
201309		62.3	3.54	5.75	0.09	0.03	0.06	0.032	0.05	29.1	22.6	0.38	722	1.52	0.01	2.17
201310		1.1	0.03	0.06	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.2	<0.01	<5	<0.05	<0.01	0.07
201311		24.3	3.35	7.17	0.08	0.03	0.05	0.023	0.04	33.4	22.3	0.25	205	1.78	0.01	1.13
201312		29.6	2.70	4.90	0.06	0.05	0.05	0.028	0.04	24.0	16.7	0.38	402	1.00	0.01	0.94
201313		28.1	3.19	5.53	0.07	0.02	0.06	0.030	0.05	23.9	13.0	0.30	1250	2.06	0.01	0.70
201314		16.8	2.90	6.24	0.05	<0.02	0.03	0.016	0.04	17.4	6.6	0.24	201	1.52	0.01	1.44
201315		47.8	3.23	5.44	0.06	<0.02	0.09	0.028	0.05	19.0	15.4	0.26	640	1.64	0.01	1.02
201316		16.4	4.43	6.64	0.08	0.03	0.03	0.077	0.06	16.5	22.4	0.66	1240	5.14	0.01	0.68
201317		17.1	1.98	4.39	0.05	<0.02	0.05	0.017	0.06	16.4	13.6	0.35	502	2.05	0.01	0.63
201318		24.3	2.12	4.54	0.05	<0.02	0.05	0.019	0.05	16.8	8.2	0.26	340	1.68	0.01	0.57
201319		40.0	2.09	3.53	0.07	0.02	0.02	0.017	0.05	23.2	11.6	0.37	307	0.97	0.01	1.00
201320		22.8	1.98	3.21	0.07	0.02	0.03	0.012	0.05	22.0	8.7	0.32	196	0.86	0.01	1.08
201321		37.1	3.43	5.34	0.08	0.02	0.07	0.029	0.06	30.7	14.2	0.27	1570	1.39	0.01	1.11

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CERTIFICATE OF ANALYSIS WN06070799

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
202347		13.9	540	12.4	7.6	<0.001	0.05	0.74	1.5	0.5	0.5	7.9	<0.01	0.05	0.3	0.034
202348		17.0	950	16.3	9.1	<0.001	0.11	1.95	1.0	0.6	0.4	10.3	<0.01	0.09	0.8	0.015
202349		18.1	960	17.4	10.2	<0.001	0.10	0.69	1.2	0.6	0.4	6.4	<0.01	0.15	1.3	0.015
202350		0.3	10	1.1	0.1	<0.001	0.01	0.34	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.2	<0.005
201301		17.6	450	9.8	10.0	<0.001	0.06	1.74	1.4	0.4	0.4	6.6	<0.01	0.03	1.0	0.037
201302		11.7	780	9.6	11.8	<0.001	0.08	0.64	1.1	0.6	0.4	4.2	0.01	0.06	3.1	0.017
201303		20.9	900	18.1	7.9	<0.001	0.12	0.66	1.1	0.7	0.3	6.7	0.01	0.15	8.3	0.013
201304		18.5	380	15.8	6.0	<0.001	0.08	0.31	1.8	0.2	0.3	15.5	<0.01	0.04	27.1	<0.005
201305		34.6	240	14.5	10.7	<0.001	0.03	0.53	2.2	0.2	0.5	16.4	<0.01	0.03	18.6	<0.005
201306		23.1	260	15.0	5.1	<0.001	<0.01	0.30	1.6	0.3	0.2	3.0	0.01	0.03	29.9	<0.005
201307		22.7	520	27.3	9.9	<0.001	0.04	0.77	3.1	0.6	0.5	7.1	0.01	0.05	5.1	0.039
201308		14.1	360	12.8	17.2	<0.001	0.02	0.50	2.1	0.3	0.6	4.9	<0.01	0.04	11.5	0.014
201309		30.3	650	31.7	10.8	<0.001	0.03	1.02	2.5	0.4	0.4	7.7	0.01	0.05	16.9	0.029
201310		0.4	20	1.0	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.3	<0.005
201311		18.3	380	22.6	7.9	<0.001	0.03	0.44	2.1	0.3	0.6	3.4	<0.01	0.05	13.0	0.008
201312		22.5	340	68.1	8.5	<0.001	0.03	0.58	2.4	0.3	0.4	6.4	<0.01	0.04	10.7	0.017
201313		20.8	960	18.1	12.5	<0.001	0.05	0.67	2.0	0.5	0.4	8.8	<0.01	0.07	6.4	0.020
201314		11.9	350	10.0	9.1	<0.001	0.02	0.56	1.9	0.3	0.5	6.0	<0.01	0.05	5.9	0.049
201315		19.8	770	16.6	9.2	<0.001	0.04	0.72	1.9	0.6	0.4	6.4	<0.01	0.06	4.6	0.024
201316		76.6	750	18.4	11.9	<0.001	0.04	0.66	5.2	0.6	0.4	7.8	<0.01	0.17	24.0	0.016
201317		17.4	540	12.8	11.1	<0.001	0.04	0.42	1.7	0.4	0.3	9.5	<0.01	0.07	9.0	0.011
201318		17.9	750	9.4	10.0	<0.001	0.06	0.56	1.4	0.4	0.3	7.9	<0.01	0.08	2.8	0.013
201319		24.0	550	9.1	6.8	<0.001	0.02	0.57	2.7	0.2	0.3	9.0	<0.01	0.05	10.9	0.028
201320		16.9	520	10.3	6.3	<0.001	0.02	0.49	1.9	0.2	0.2	9.3	<0.01	0.04	10.4	0.027
201321		16.6	1120	29.9	15.2	<0.001	0.06	0.49	1.6	0.6	0.4	7.4	0.01	0.07	6.6	0.012

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Finalized Date: 18-SEP-2006
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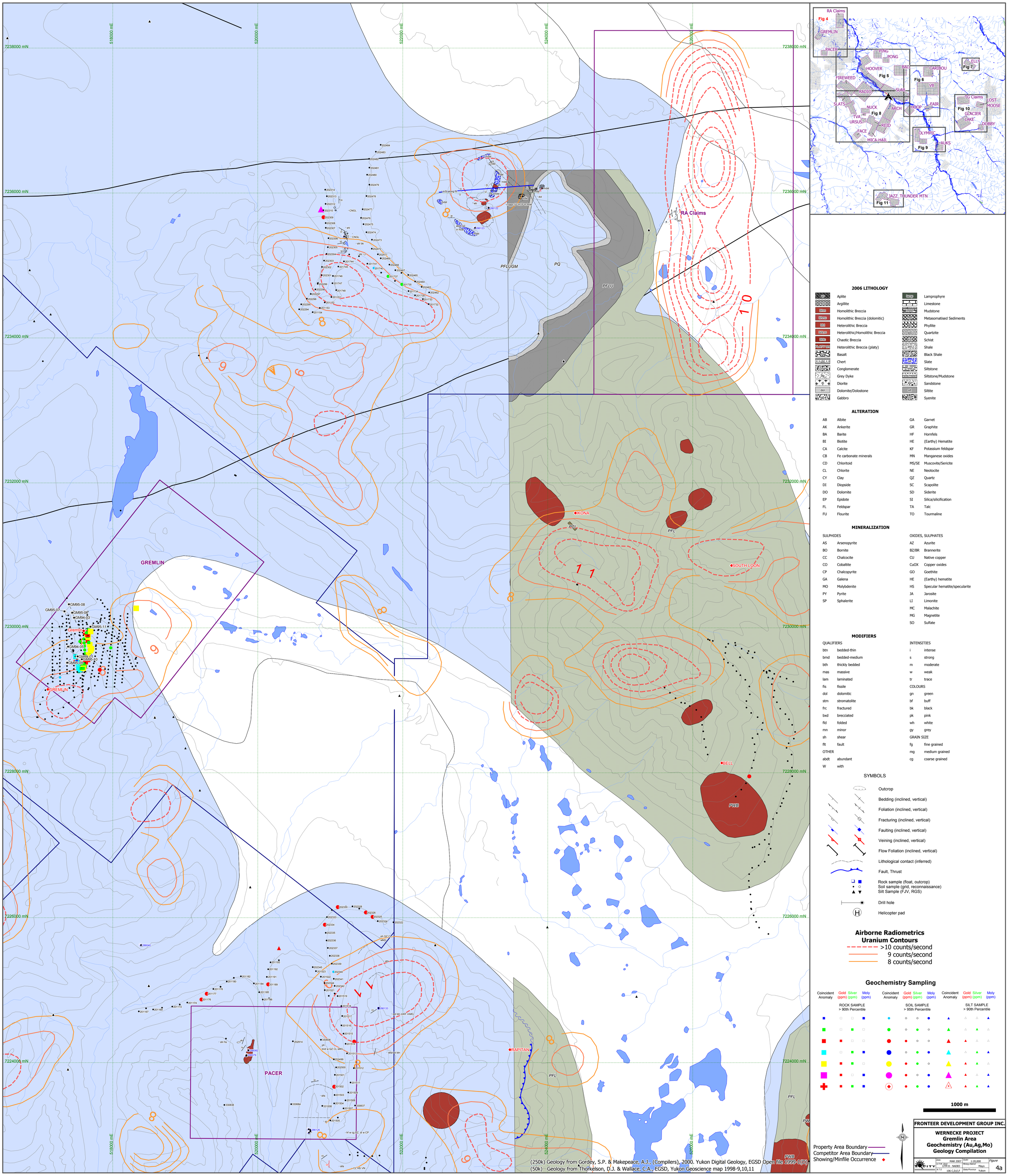
CERTIFICATE OF ANALYSIS WN06070799

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	1	0.05	0.05	2	0.5
202347		0.07	1.55	42	0.21	2.70	46	<0.5
202348		0.09	5.08	33	0.13	2.99	50	<0.5
202349		0.13	2.05	32	0.13	3.72	54	<0.5
202350		<0.02	0.08	<1	<0.05	0.64	4	0.5
201301		0.06	0.91	38	0.18	2.80	47	<0.5
201302		0.10	2.94	33	0.25	6.08	38	<0.5
201303		0.08	5.18	24	0.19	4.42	39	<0.5
201304		0.06	6.36	15	0.05	3.33	34	<0.5
201305		0.10	10.60	10	<0.05	10.15	118	0.6
201306		0.04	2.89	6	<0.05	11.10	62	3.0
201307		0.14	1.32	46	0.26	3.26	64	1.2
201308		0.14	1.42	39	0.13	2.89	57	0.5
201309		0.10	3.01	39	0.20	6.18	122	0.7
201310		<0.02	0.08	<1	<0.05	0.62	6	0.7
201311		0.19	2.12	33	0.11	4.52	100	0.8
201312		0.12	1.14	32	0.14	3.25	166	1.4
201313		0.13	2.54	35	0.16	4.06	69	<0.5
201314		0.07	0.96	45	0.26	2.38	36	<0.5
201315		0.11	1.79	37	0.28	2.92	55	<0.5
201316		0.13	9.56	35	0.13	7.95	56	0.8
201317		0.08	2.51	24	0.10	2.04	41	<0.5
201318		0.09	1.59	25	0.10	2.21	42	<0.5
201319		0.06	3.70	24	0.18	5.25	39	0.6
201320		0.05	1.64	21	0.13	4.26	34	0.6
201321		0.16	2.63	29	0.14	5.94	84	<0.5



2006 LITHOLOGY

Aplite		Lamprophyre	
Argillite		Limestone	
Homolithic Breccia		Mudstone	
Homolithic Breccia (dolomitic)		Metasomatised Sediments	
Heterolithic Breccia		Phyllite	
Heterolithic/Homolithic Breccia		Quartzite	
Chaotic Breccia		Schist	
Heterolithic Breccia (platy)		Shale	
Basalt		Black Shale	
Chert		Slate	
Conglomerate		Siltstone	
Grey Dyke		Siltstone/Mudstone	
Diorite		Sandstone	
Dolomite/Dolostone		Siltite	
Gabbro		Syenite	

ALTERATION

AB	Albite	GA	Garnet
AK	Ankerite	GR	Graphite
BA	Barite	HF	Hornfels
BI	Biotite	HE	(Earthy) Hematite
CA	Calcite	KF	Potassium feldspar
CB	Fe carbonate minerals	MN	Manganese oxides
CD	Chloritoid	MS/SE	Muscovite/Sericite
CL	Chlorite	NE	Neotocite
CY	Clay	QZ	Quartz
DI	Diopside	SC	Scapolite
DO	Dolomite	SD	Siderite
EP	Epidote	SI	Silica/silicification
FL	Feldspar	TA	Talc
FU	Flourite	TO	Tourmaline

MINERALIZATION

SULPHIDES		OXIDES, SULPHATES	
AS	Arsenopyrite	AZ	Azurite
BO	Bornite	BZ/BR	Brannerite
CC	Chalcocite	CU	Native copper
CO	Cobaltite	CuOX	Copper oxides
CP	Chalcopyrite	GO	Goethite
GA	Galena	HE	(Earthy) hematite
MO	Molybdenite	HS	Specular hematite/specularite
PY	Pyrite	JA	Jarosite
SP	Sphalerite	LI	Limonite
		MC	Malachite
		MG	Magnetite
		SO	Sulfate

MODIFIERS

QUALIFIERS		INTENSITIES	
btn	bedded-thin	i	intense
bmd	bedded-medium	s	strong
bth	thickly bedded	m	moderate
mas	massive	w	weak
lam	laminated	tr	trace
fis	fissile	COLOURS	
dol	dolomitic	gn	green
stm	stromatolite	bf	buff
frc	fractured	bk	black
bxd	brecciated	pk	pink
fld	folded	wh	white
mn	minor	gy	grey
sh	shear	GRAIN SIZE	
flt	fault	fg	fine grained
OTHER		mg	medium grained
abdt	abundant	cg	coarse grained
W	with		

SYMBOLS

- Outcrop
- Bedding (inclined, vertical)
- Foliation (inclined, vertical)
- Fracturing (inclined, vertical)
- Faultling (inclined, vertical)
- Veining (inclined, vertical)
- Flow Foliation (inclined, vertical)
- Lithological contact (inferred)
- Fault, Thrust
- Rock sample (float, outcrop)
- Soil sample (grid, reconnaissance)
- Silt Sample (FJV, RGS)
- Drill hole
- Helicopter pad

Airborne Radiometrics
Uranium Contours
- >10 counts/second
- 9 counts/second
- 8 counts/second

Geochemistry Sampling

Coincident Anomaly	Gold (ppm)	Silver (ppm)	Moly (ppm)
ROCK SAMPLE > 90th Percentile			
SOIL SAMPLE > 95th Percentile			
SILT SAMPLE > 90th Percentile			

1000 m

Property Area Boundary
Competitor Area Boundary
Showing/Minfile Occurrence

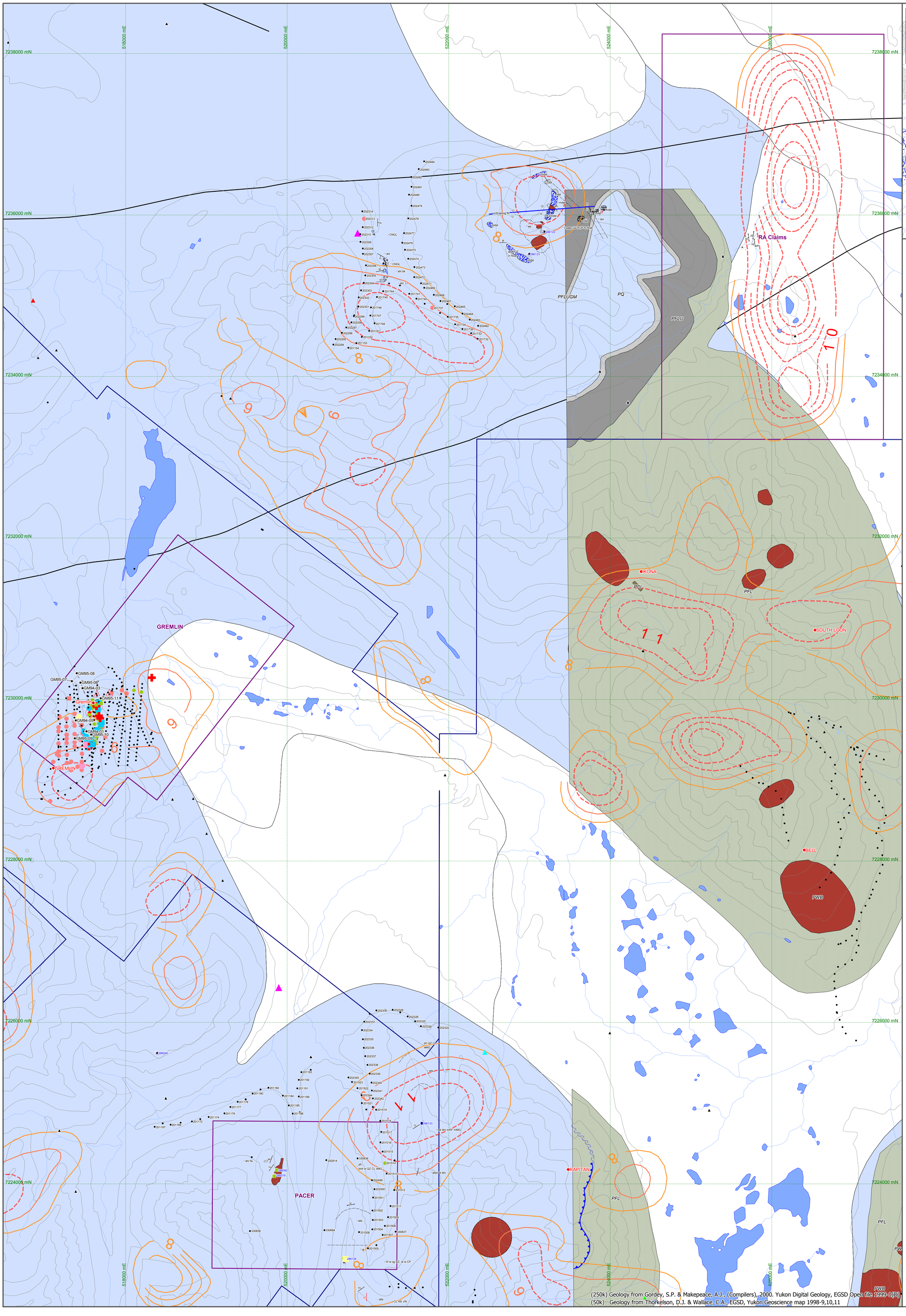
(250k) Geology from Gordey, S.P. & Makepeace, A.J., (Compilers), 2000. Yukon Digital Geology, EGSD Open file 1999-1(D)
(50k) Geology from Thorkelson, D.J. & Wallace, C.A., EGSD, Yukon Geoscience map 1998-9,10,11

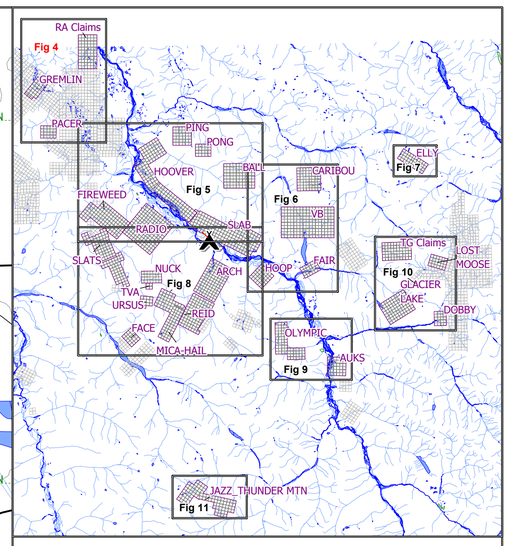
FRONTEER DEVELOPMENT GROUP INC.

WERNECKE PROJECT
Gremlin Area
Geochemistry (Au,Ag,Mo)
Geology Compilation

Date:	MAR 2007	Scale:	1:20,000
UTM Zone	UTM 8 - NAD83	Mining District	Mayo
N.T.S.	106 C,D,E,F	State/Province	Yukon

Figure 4a





2006 LITHOLOGY

apl	Aplite	lamp	Lamprophyre
arg	Argillite	ls	Limestone
bhm	Homolithic Breccia	mdst	Mudstone
bhmc	Homolithic Breccia (dolomitic)	ms	Metasomatised Sediments
bhl	Heterolithic Breccia	phy	Phyllite
bhlm	Heterolithic/Homolithic Breccia	qtz	Quartzite
bhls	Chaotic Breccia	sch	Schist
PLATY BH	Heterolithic Breccia (platy)	sh	Shale
bas	Basalt	bsh	Black Shale
chl	Chert	sl	Slate
cgl	Conglomerate	slts	Siltstone
dg	Grey Dyke	slts/mdst	Siltstone/Mudstone
+ + +	Diorite	ss	Sandstone
dol	Dolomite/Dolostone	st	Siltite
gbro	Gabbro	sy	Syenite

ALTERATION

AB	Albite	GA	Garnet
AK	Ankerite	GR	Graphite
BA	Barite	HF	Hornfels
BI	Biotite	HE	(Earthy) Hematite
CA	Calcite	KF	Potassium feldspar
CB	Fe carbonate minerals	MN	Manganese oxides
CD	Chloritoid	MS/SE	Muscovite/Sericite
CL	Chlorite	NE	Neotocite
CY	Clay	QZ	Quartz
DI	Diopside	SC	Scapolite
DO	Dolomite	SD	Siderite
EP	Epidote	SI	Silica/silicification
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MINERALIZATION

SULPHIDES		OXIDES, SULPHATES	
AS	Arsenopyrite	AZ	Azurite
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CC	Chalcocite	CU	Native copper
CO	Cobaltite	CuOX	Copper oxides
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GA	Galena	HE	(Earthy) hematite
MO	Molybdenite	HS	Specular hematite/specularite
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SP	Sphalerite	LI	Limonite
		MC	Malachite
		MG	Magnetite
		SO	Sulfate

MODIFIERS

QUALIFIERS		INTENSITIES	
btn	bedded-thin	i	intense
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fis	fissile	COLOURS	
dol	dolomitic	gn	green
stm	stromatolite	bf	buff
frc	fractured	bk	black
bxd	brecciated	pk	pink
fld	folded	wh	white
mn	minor	gy	grey
sh	shear	GRAIN SIZE	
flt	fault	fg	fine grained
OTHER		mg	medium grained
abdt	abundant	cg	coarse grained
W	with		

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- Veining (inclined, vertical)
- Flow Foliation (inclined, vertical)
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- 8 counts/second

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Coincident Anomaly	Nickel (ppm)	Copper (ppm)	Cobalt (ppm)
ROCK SAMPLE > 90th Percentile			
SOIL SAMPLE > 95th Percentile			
SILT SAMPLE > 90th Percentile			

1000 m

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Competitor Area Boundary
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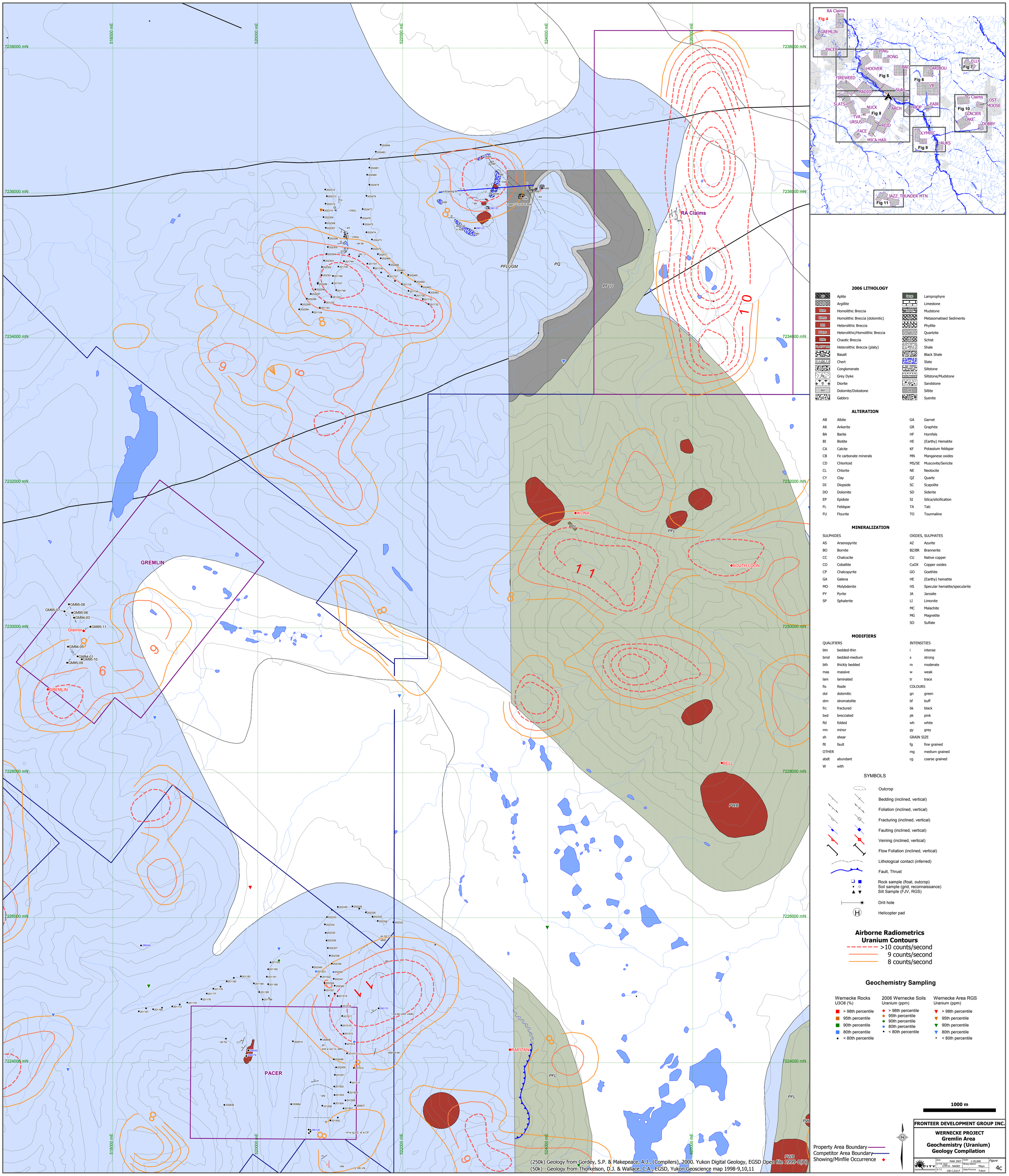
Date:	MAR 2007	Scale:	1:20,000
UTM Zone:	UTM 8 - NAD83	Mining District:	Mayo
N.T.S.	106 C,D,E,F	State/Province:	Yukon

Figure 4b



2006 LITHOLOGY

aplite	Aplite	lamp	Lamprophyre
arg	Argillite	ls	Limestone
hbm	Homolithic Breccia	mdst	Mudstone
hbmc	Homolithic Breccia (dolomitic)	ms	Metasomatised Sediments
hbl	Heterolithic Breccia	phy	Phyllite
hblm	Heterolithic/Homolithic Breccia	qtz	Quartzite
hbls	Chaotic Breccia	sch	Schist
PLATY DK	Heterolithic Breccia (platy)	shl	Shale
bas	Basalt	bshl	Black Shale
chl	Chert	slt	Slate
cgl	Conglomerate	sltst	Siltstone
dg	Grey Dyke	sltst/mdst	Siltstone/Mudstone
dio	Diorite	ss	Sandstone
dol	Dolomite/Dolostone	sil	Siltite
gab	Gabbro	sye	Syenite

ALTERATION

AB	Albite	GA	Garnet
AK	Ankerite	GR	Graphite
BA	Barite	HF	Hornfels
BI	Biotite	HE	(Earthy) Hematite
CA	Calcite	KF	Potassium feldspar
CB	Fe carbonate minerals	MN	Manganese oxides
CD	Chloritoid	MS/SE	Muscovite/Sericite
CL	Chlorite	NE	Neotocite
CY	Clay	QZ	Quartz
DI	Diopside	SC	Scapolite
DO	Dolomite	SD	Siderite
EP	Epidote	SI	Silica/silicification
FL	Feldspar	TA	Talc
FU	Flourite	TO	Tourmaline

MINERALIZATION

SULPHIDES		OXIDES, SULPHATES	
AS	Arsenopyrite	AZ	Azurite
BO	Bornite	BZ/BR	Brannerite
CC	Chalcocite	CU	Native copper
CO	Cobaltite	CuOX	Copper oxides
CP	Chalcopyrite	GO	Goethite
GA	Galena	HE	(Earthy) hematite
MO	Molybdenite	HS	Specular hematite/specularite
PY	Pyrite	JA	Jarosite
SP	Sphalerite	LI	Limonite
		MC	Malachite
		MG	Magnetite
		SO	Sulfate

MODIFIERS

QUALIFIERS		INTENSITIES	
btn	bedded-thin	i	intense
bmd	bedded-medium	s	strong
bth	thickly bedded	m	moderate
mas	massive	w	weak
lam	laminated	tr	trace
fis	fissile	COLOURS	
dol	dolomitic	gn	green
stm	stromatolite	bf	buff
frc	fractured	bk	black
bxd	brecciated	pk	pink
fld	folded	wh	white
mn	minor	gy	grey
sh	shear	GRAIN SIZE	
flt	fault	fg	fine grained
OTHER		mg	medium grained
abdt	abundant	cg	coarse grained
W	with		

SYMBOLS

- Outcrop
- Bedding (inclined, vertical)
- Foliation (inclined, vertical)
- Fracturing (inclined, vertical)
- Faulting (inclined, vertical)
- Veining (inclined, vertical)
- Flow Foliation (inclined, vertical)
- Lithological contact (inferred)
- Fault, Thrust
- Rock sample (float, outcrop)
- Soil sample (grid, reconnaissance)
- Silt Sample (FJV, RGS)
- Drill hole
- Helicopter pad

Airborne Radiometrics
Uranium Contours

- >10 counts/second
- 9 counts/second
- 8 counts/second

Geochemistry Sampling

Wernecke Rocks U3O8 (%)	2006 Wernecke Soils Uranium (ppm)	Wernecke Area RGS Uranium (ppm)
> 98th percentile	> 98th percentile	> 98th percentile
95th percentile	95th percentile	95th percentile
90th percentile	90th percentile	90th percentile
80th percentile	80th percentile	80th percentile
< 80th percentile	< 80th percentile	< 80th percentile

1000 m

Property Area Boundary
Competitor Area Boundary
Showing/Minfile Occurrence

(250k) Geology from Gordey, S.P. & Makepeace, A.J., (Compilers), 2000. Yukon Digital Geology, EGSD Open file 1999-1(D)
(50k) Geology from Thorkelson, D.J. & Wallace, C.A., EGSD, Yukon Geoscience map 1998-9,10,11

FRONTEER DEVELOPMENT GROUP INC.

WERNECKE PROJECT
Gremlin Area
Geochemistry (Uranium)
Geology Compilation

Date:	MAR 2007	Scale:	1:20,000
UTM Zone:	UTM 8 - NAD83	Mining District:	Mayo
N.T.S.	106 C,D,E,F	State/Province:	Yukon

Figure 4c

FRONTEER DEVELOPMENT GROUP INC
WERNECKE PROJECT
Wombat Area Geology
50 m
talus
Poorly Located
Cliff
gradational
1:1000 WOMBAT INSET AREA
HOOVER
Hoover Central
FIREWEED
Fireweed
HELIKIAN
FIVE
RADIO
PING
PONG
BALL
SLAB
Slab NW3
Slab Mtn
EWE
Knorr Fault
PWB
PFL
PFLU
PFLUWM
PQ
PQQM
PWBQ
PT/KA
PTz
PLD
PPD
PCI
MPD
EPD
PSV
2006 LITHOLOGY
Aplite
Argillite
Homolithic Breccia
Homolithic Breccia (dolomitic)
Heterolithic Breccia
Heterolithic/Homolithic Breccia
Chaotic Breccia
Heterolithic Breccia (platy)
Basalt
Chert
Conglomerate
Grey Dyke
Diorite
Dolomite/Dolostone
Gabbro
Lamprophyre
Limestone
Mudstone
Metasomatised Sediments
Phyllite
Quartzite
Schist
Shale
Black Shale
Slate
Siltstone
Siltstone/Mudstone
Sandstone
Siltite
Syenite
ALTERATION
AB Albite
AK Ankerite
BA Barite
BI Biotite
CA Calcite
CB Fe carbonate minerals
CD Chloritoid
CL Chlorite
CY Clay
DI Diopside
DO Dolomite
EP Epidote
FL Feldspar
FU Flourite
GA Garnet
GR Graphite
HF Hornfels
HE (Earthy) Hematite
KF Potassium feldspar
MN Manganese oxides
MS/SE Muscovite/Sericite
NE Neotocite
QZ Quartz
SC Scapolite
SD Siderite
SI Silica/silicification
TA Talc
TO Tourmaline
MINERALIZATION
SULPHIDES
AS Arsenopyrite
BO Bornite
CC Chalcocite
CO Cobaltite
CP Chalcopyrite
GA Galena
MO Molybdenite
PY Pyrite
SP Sphalerite
OXIDES, SULPHATES
AZ Azurite
BZ/BR Brannerite
CU Native copper
CuOX Copper oxides
GO Goethite
HE (Earthy) hematite
HS Specular hematite/specularite
JA Jarosite
LI Limonite
MC Malachite
MG Magnetite
SO Sulfate
MODIFIERS
QUALIFIERS
btn bedded-thin
bmd bedded-medium
bth thickly bedded
mas massive
lam laminated
fis fissile
dol dolomitic
stm stromatolite
frc fractured
bxd brecciated
fld folded
mn minor
sh shear
flt fault
OTHER
abdt abundant
W with
INTENSITIES
i intense
s strong
m moderate
w weak
tr trace
COLOURS
gn green
bf buff
bk black
pk pink
wh white
gy grey
GRAIN SIZE
fg fine grained
mg medium grained
cg coarse grained
SYMBOLS
Outcrop
Bedding (inclined, vertical)
Foliation (inclined, vertical)
Fracturing (inclined, vertical)
Faulting (inclined, vertical)
Veining (inclined, vertical)
Flow Foliation (inclined, vertical)
Lithological contact (inferred)
Fault, Thrust
Rock sample (float, outcrop)
Soil sample (grid, reconnaissance)
Silt Sample (FJV, RGS)
Drill hole
Helicopter pad
Airborne Radiometrics
Uranium Contours
>10 counts/second
9 counts/second
8 counts/second
Geochemistry Sampling
Coincident Anomaly
Gold (ppm)
Silver (ppm)
Moly (ppm)
ROCK SAMPLE > 90th Percentile
SOIL SAMPLE > 95th Percentile
SILT SAMPLE > 90th Percentile
1000 m
Property Area Boundary
Competitor Area Boundary
Showing/Minfile Occurrence
(250k) Geology from Gordey, S.P. & Makepeace, A.J., (Compilers), 2000. Yukon Digital Geology, EGSD Open file 1999-1(D)
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FRONTEER DEVELOPMENT GROUP INC.
WERNECKE PROJECT
Hoover/Fireweed Area
Geochemistry (Au,Ag,Mo)
Geology Compilation
MAR 2007
1:20,000
UTM 8 - NAD83
Mayo
106 C,D,E,F
Yukon
Figure 5a
RA Claims
Fig 4
GREMLIN
PACER
PING
PONG
HOOVER
Fig 5
BALL
CARIBOU
Fig 6
FIREWEED
RADIO
SLAB
VB
ELLY
Fig 7
SLATS
NUCK
ARCH
HOOP
FAIR
TG Claims
LOST MOOSE
Fig 10
GLACIER LAKE
DOBBY
TVA URSUS
Fig 8
REID
FACE
MIGA-HAIL
OLYMPIC
Fig 9
TAUKS
JAZZ_THUNDER MTN
Fig 11

FRONTEER DEVELOPMENT GROUP INC
WERNECKE PROJECT
Wombat Area Geology
50 m
Date: MAR 2007
Scale: 1:1,000
U.T.M. Zone: UTM8 - NAD83
Mining District: Mayo
N.T.S. 106C,D,E,F
State/Province: Yukon
talus
Poorly Located
Cliff
gradational
PING
PONG
BALL
HOOVER
Hoover Central
IRENE
FIREWEED
Fireweed
HELIKIAN
FIVE
RADIO
MOUNTAINEER
EWE
SLAB
Slab-NW
Slab Mtn
Knorr Fault
1:1000 WOMBAT INSET AREA
RA Claims
Fig 4
GREMLIN
PACER
HOOVER
Fig 5
FIREWEED
RADIO
SLAB
Fig 6
CARIBOU
VB
ELLY
Fig 7
SLATS
NUCK
Fig 8
ARCH
HOOP
FAIR
TVA
URSUS
REID
FACE
MICA-HAIL
OLYMPIC
AUKS
Fig 9
TG Claims
Fig 10
LOST MOOSE
GLACIER LAKE
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Fig 11
2006 LITHOLOGY
Aplite
Argillite
Homolithic Breccia
Homolithic Breccia (dolomitic)
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Heterolithic/Homolithic Breccia
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bth thickly bedded
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lam laminated
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stm stromatolite
frc fractured
bxd brecciated
fld folded
mn minor
sh shear
flt fault
OTHER
abdt abundant
W with
INTENSITIES
i intense
s strong
m moderate
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tr trace
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Copper (ppm)
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FRONTEER DEVELOPMENT GROUP INC.
WERNECKE PROJECT
Hoover/Fireweed Area
Geochemistry (Ni,Cu,Co)
Geology Compilation
Date: MAR 2007
Scale: 1:20,000
U.T.M. Zone: UTM 8 - NAD83
Mining District: Mayo
N.T.S. 106 C,D,E,F
State/Province: Yukon
Figure 5b


FRONTEER DEVELOPMENT GROUP INC
WERNECKE PROJECT
Wombat Area
Geology
50 m
Date: MAR 2007
Scale: 1:1,000
U.T.M. Zone: UTM8 - NAD83
Mining District: Mayo
N.T.S. 106C,D,E,F
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JAZZ_THUNDER MTN
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Aplite
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Uranium Contours
>10 counts/second
9 counts/second
8 counts/second
Geochemistry Sampling
Wernecke Rocks
U3O8 (%)
> 98th percentile
95th percentile
90th percentile
80th percentile
< 80th percentile
2006 Wernecke Soils
Uranium (ppm)
Wernecke Area RGS
Uranium (ppm)
1000 m
Property Area Boundary
Competitor Area Boundary
Showing/Minfile Occurrence
(250k) Geology from Gordey, S.P. & Makepeace, A.J., (Compilers), 2000. Yukon Digital Geology, EGSD Open file 1999-1(D)
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FRONTEER DEVELOPMENT GROUP INC.
WERNECKE PROJECT
Hoover/Fireweed Area
Geochemistry (Uranium)
Geology Compilation
Date: MAR 2007
Scale: 1:20,000
U.T.M. Zone: UTM 8 - NAD83
Mining District: Mayo
N.T.S. 106 C,D,E,F
State/Province: Yukon
Figure 5c

Fronteer Development Group Inc.
Rimfire Minerals Corporation

2006 GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT ON THE WERNECKES PROJECT

Volume III

Located in the Bonnet Plume River Area, Mayo Mining Division
NTS 106C/11, 12, 13, 14; 106D/09, 10, 15, 16; 106E/01, 02; 106F/03, 04
65˚ 00' N Latitude; 134˚ 05' W Longitude

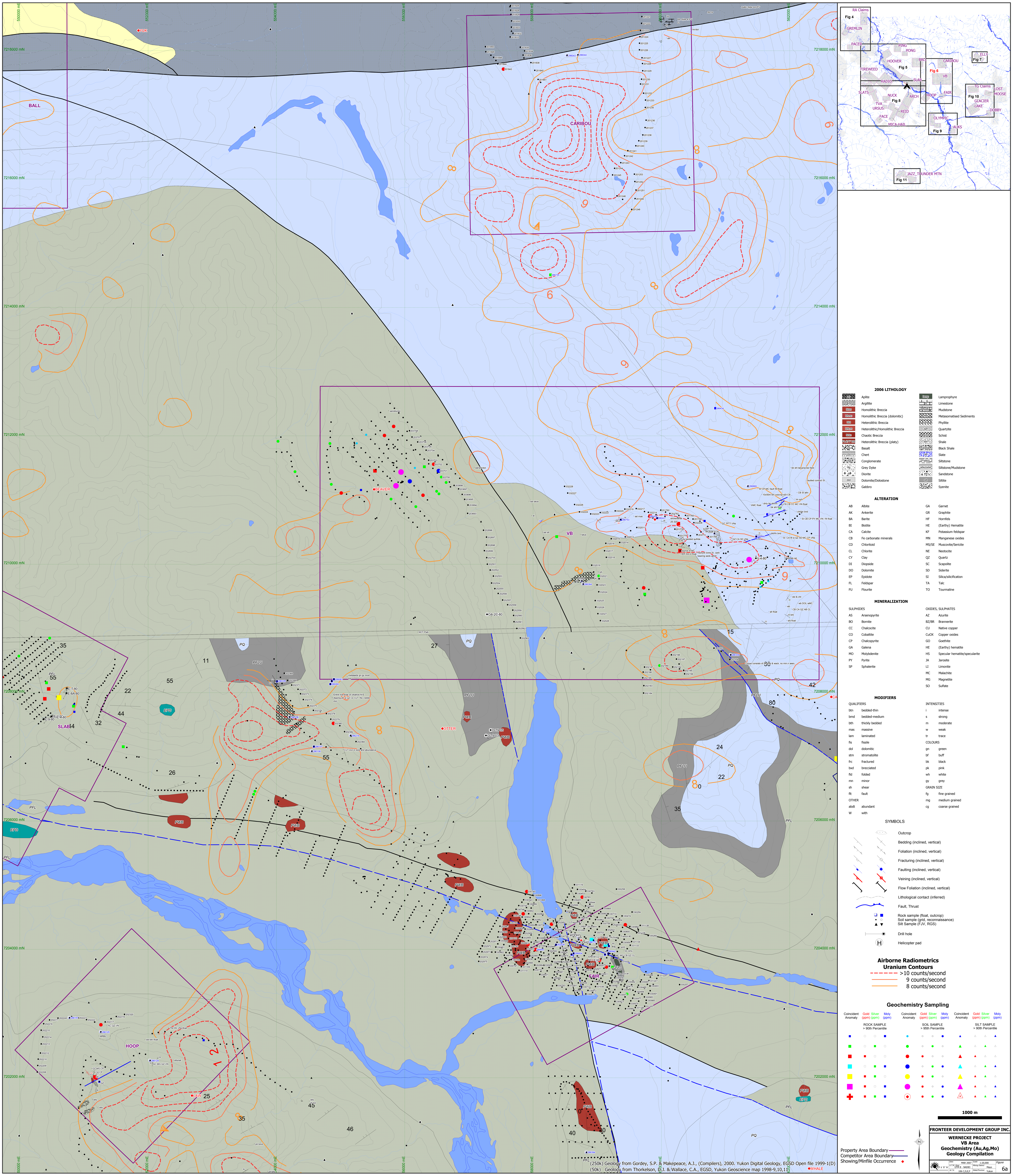
-prepared for-

FRONTEER DEVELOPMENT GROUP INC.
Suite 1650, 1055 West Hastings Street
Vancouver, BC, Canada
V6E 2E9
&
RIMFIRE MINERALS CORPORATION
Suite 700, 700 West Pender Street
Vancouver, BC, Canada
V6C 1G8

-prepared by-

R. Scott Heffernan, M.Sc, P.Geo., Robin Black, M.Sc.
Henry Awmack, P.Eng., Darcy Baker, Ph.D.
EQUITY ENGINEERING LTD.
Suite 700, 700 West Pender Street
Vancouver, British Columbia, Canada, V6C 1G8
&
Erik Conaghan
FRONTEER DEVELOPMENT GROUP INC.

March, 2007



FRONTEER DEVELOPMENT GROUP INC.
WERNECKE PROJECT
VB Area
Geochemistry (Au,Ag,Mo)
Geology Compilation
Date: MAR 2007
Scale: 1:20,000
U.T.M. Zone: UTM 8 - NAD83
Mining District: Mayo
N.T.S.: 106 C,D,E,F
State/Province: Yukon
Figure 6a
1000 m
Property Area Boundary
Competitor Area Boundary
Showing/Minfile Occurrence
(250k) Geology from Gordey, S.P. & Makepeace, A.J., (Compilers), 2000. Yukon Digital Geology, EGSD Open file 1999-1(D)
(50k) Geology from Thorkelson, D.J. & Wallace, C.A., EGSD, Yukon Geoscience map 1998-9,10,11
Airborne Radiometrics
Uranium Contours
>10 counts/second
9 counts/second
8 counts/second
Geochemistry Sampling
Coincident Anomaly
Gold (ppm)
Silver (ppm)
Moly (ppm)
ROCK SAMPLE > 90th Percentile
SOIL SAMPLE > 95th Percentile
SILT SAMPLE > 90th Percentile
2006 LITHOLOGY
Aplite
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Homolithic Breccia
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Mudstone
Metasomatised Sediments
Phyllite
Quartzite
Schist
Shale
Black Shale
Slate
Siltstone
Siltstone/Mudstone
Sandstone
Siltite
Syenite
ALTERATION
AB Albite
AK Ankerite
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BI Biotite
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CB Fe carbonate minerals
CD Chloritoid
CL Chlorite
CY Clay
DI Diopside
DO Dolomite
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FL Feldspar
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GR Graphite
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HE (Earthy) Hematite
KF Potassium feldspar
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MS/SE Muscovite/Sericite
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SI Silica/silicification
TA Talc
TO Tourmaline
MINERALIZATION
SULPHIDES
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SO Sulfate
MODIFIERS
QUALIFIERS
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frc fractured
bxd brecciated
fld folded
mn minor
sh shear
flt fault
OTHER
abdt abundant
W with
INTENSITIES
i intense
s strong
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COLOURS
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GRAIN SIZE
fg fine grained
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SYMBOLS
Outcrop
Bedding (inclined, vertical)
Foliation (inclined, vertical)
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Veining (inclined, vertical)
Flow Foliation (inclined, vertical)
Lithological contact (inferred)
Fault, Thrust
Rock sample (float, outcrop)
Soil sample (grid, reconnaissance)
Silt Sample (FJV, RGS)
Drill hole
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CARIBOU
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OTTER
SLAB
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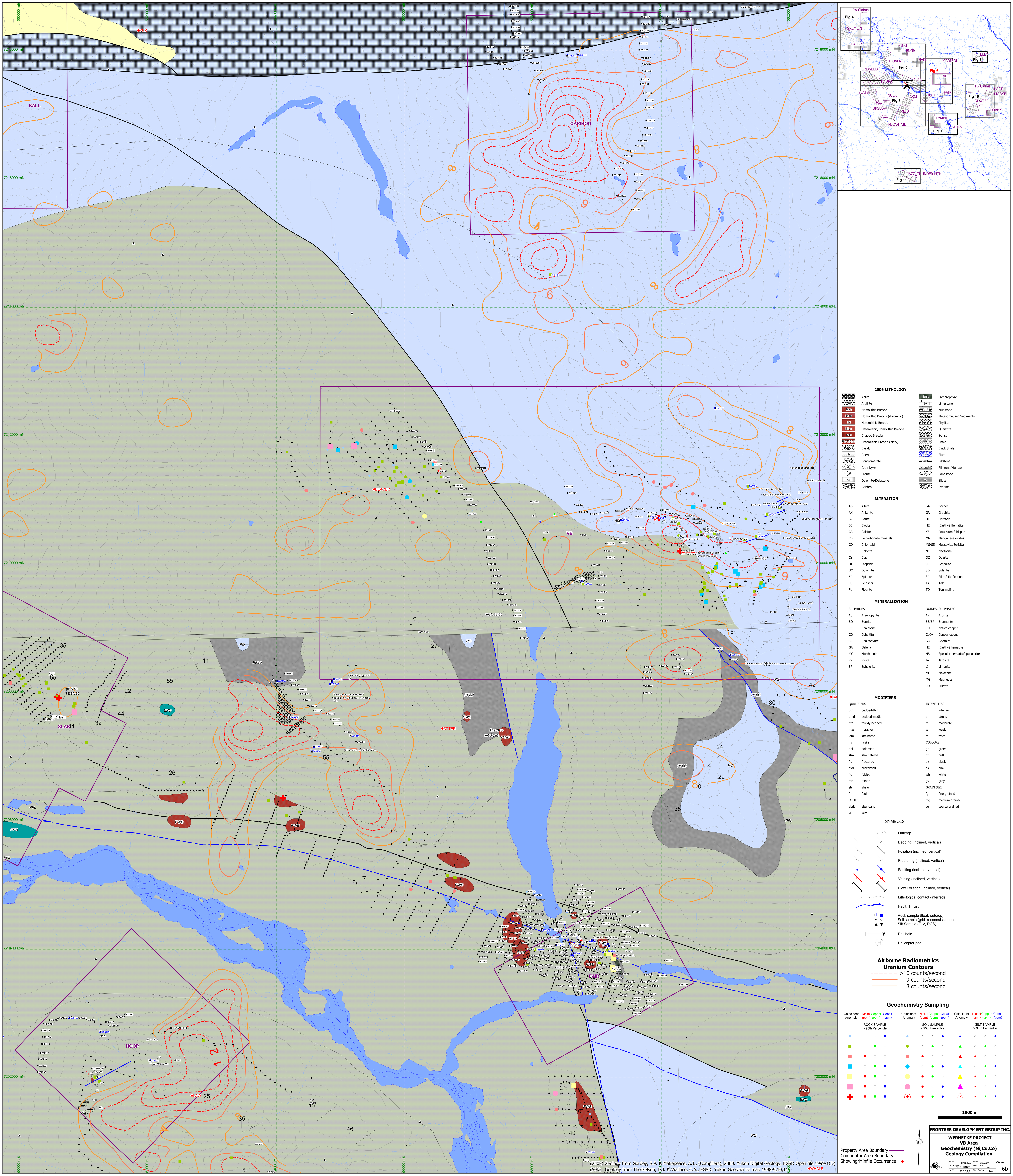
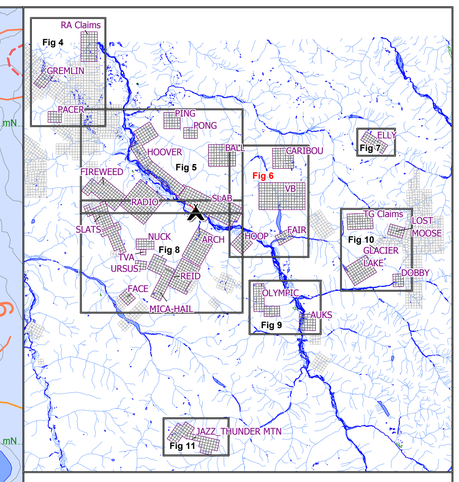
YUK
LAW
WHALE
RA Claims
Fig 4
GREMLIN
PACER
PING
PONG
HOOVER
Fig 5
FIREWEED
RADIO
SLAB
CARIBOU
Fig 6
ELLY
Fig 7
SLATS
NUCK
Fig 8
ARCH
TVA
URSUS
REID
FACE
MICA-HAIL
HOOP
FAIR
TG Claims
LOST
MOOSE
Fig 10
GLACIER
LAKE
DOBBY
OLYMPIC
AUKS
Fig 9
JAZZ_THUNDER MTN
Fig 11
7218000 mN
7216000 mN
7214000 mN
7212000 mN
7210000 mN
7208000 mN
7206000 mN
7204000 mN
7202000 mN
550000 mE
552000 mE
554000 mE
556000 mE
558000 mE
560000 mE
562000 mE



CARIBOU
BALL
VB
BEAVER
OTTER
SLAB
HOOP
FAIR
LAW
YUK
WHALE
PWB
PFLU
PFL
PQ
EPD
7218000 mN
7216000 mN
7214000 mN
7212000 mN
7210000 mN
7208000 mN
7206000 mN
7204000 mN
7202000 mN
550000 mE
552000 mE
554000 mE
556000 mE
558000 mE
560000 mE
562000 mE
RA Claims
Fig 4
GREMLIN
PACER
PING
PONG
HOOVER
FIREWEED
Fig 5
BALL
CARIBOU
Fig 6
VB
RADIO
SLAB
SLATS
NUCK
Fig 8
ARCH
HOOP
FAIR
TVA
URSUS
REID
FACE
MICA-HAIL
OLYMPIC
Fig 9
AUKS
ELLY
Fig 7
TG Claims
LOST
MOOSE
Fig 10
GLACIER
LAKE
DOBBY
JAZZ_THUNDER MTN
Fig 11
2006 LITHOLOGY
Aplite
Argillite
Homolithic Breccia
Homolithic Breccia (dolomitic)
Heterolithic Breccia
Heterolithic/Homolithic Breccia
Chaotic Breccia
Heterolithic Breccia (platy)
Basalt
Chert
Conglomerate
Grey Dyke
Diorite
Dolomite/Dolostone
Gabbro
Lamprophyre
Limestone
Mudstone
Metasomatised Sediments
Phyllite
Quartzite
Schist
Shale
Black Shale
Slate
Siltstone
Siltstone/Mudstone
Sandstone
Siltite
Syenite
ALTERATION
AB Albite
AK Ankerite
BA Barite
BI Biotite
CA Calcite
CB Fe carbonate minerals
CD Chloritoid
CL Chlorite
CY Clay
DI Diopside
DO Dolomite
EP Epidote
FL Feldspar
FU Flourite
GA Garnet
GR Graphite
HF Hornfels
HE (Earthy) Hematite
KF Potassium feldspar
MN Manganese oxides
MS/SE Muscovite/Sericite
NE Neotocite
QZ Quartz
SC Scapolite
SD Siderite
SI Silica/silicification
TA Talc
TO Tourmaline
MINERALIZATION
SULPHIDES
AS Arsenopyrite
BO Bornite
CC Chalcocite
CO Cobaltite
CP Chalcopyrite
GA Galena
MO Molybdenite
PY Pyrite
SP Sphalerite
OXIDES, SULPHATES
AZ Azurite
BZ/BR Brannerite
CU Native copper
CuOX Copper oxides
GO Goethite
HE (Earthy) hematite
HS Specular hematite/specularite
JA Jarosite
LI Limonite
MC Malachite
MG Magnetite
SO Sulfate
MODIFIERS
QUALIFIERS
btn bedded-thin
bmd bedded-medium
bth thickly bedded
mas massive
lam laminated
fis fissile
dol dolomitic
stm stromatolite
frc fractured
bxd brecciated
fld folded
mn minor
sh shear
flt fault
OTHER
abdt abundant
W with
INTENSITIES
i intense
s strong
m moderate
w weak
tr trace
COLOURS
gn green
bf buff
bk black
pk pink
wh white
gy grey
GRAIN SIZE
fg fine grained
mg medium grained
cg coarse grained
SYMBOLS
Outcrop
Bedding (inclined, vertical)
Foliation (inclined, vertical)
Fracturing (inclined, vertical)
Faulting (inclined, vertical)
Veining (inclined, vertical)
Flow Foliation (inclined, vertical)
Lithological contact (inferred)
Fault, Thrust
Rock sample (float, outcrop)
Soil sample (grid, reconnaissance)
Silt Sample (FJV, RGS)
Drill hole
Helicopter pad
Airborne Radiometrics
Uranium Contours
>10 counts/second
9 counts/second
8 counts/second
Geochemistry Sampling
Coincident Anomaly
Nickel (ppm)
Copper (ppm)
Cobalt (ppm)
ROCK SAMPLE > 90th Percentile
SOIL SAMPLE > 95th Percentile
SILT SAMPLE > 90th Percentile
1000 m
Property Area Boundary
Competitor Area Boundary
Showing/Minfile Occurrence
(250k) Geology from Gordey, S.P. & Makepeace, A.J., (Compilers), 2000. Yukon Digital Geology, EGSD Open file 1999-1(D)
(50k) Geology from Thorkelson, D.J. & Wallace, C.A., EGSD, Yukon Geoscience map 1998-9,10,11
FRONTEER DEVELOPMENT GROUP INC.
WERNECKE PROJECT
VB Area
Geochemistry (Ni,Cu,Co)
Geology Compilation
Date: MAR 2007
Scale: 1:20,000
U.T.M. Zone UTM 8 - NAD83
Mining District Mayo
N.T.S. 106 C,D,E,F
State/Province Yukon
Figure 6b



2006 LITHOLOGY

Aplite		Lamprophyre	
Argillite		Limestone	
Hmlth Bx	Homolithic Breccia	Mudstone	
Hmlth Bx (dol)	Homolithic Breccia (dolomitic)	Metasomatised Sediments	
Htlth Bx	Heterolithic Breccia	Phyllite	
Htlth/Hmlth Bx	Heterolithic/Homolithic Breccia	Quartzite	
Chtc Bx	Chaotic Breccia	Schist	
Htlth Bx (platy)	Heterolithic Breccia (platy)	Shale	
Basalt		Black Shale	
Chert		Slate	
Conglomerate		Siltstone	
Grey Dyke		Siltstone/Mudstone	
Diorite		Sandstone	
Dolomite/Dolostone		Siltite	
Gabbro		Syenite	

ALTERATION

AB	Albite	GA	Garnet
AK	Ankerite	GR	Graphite
BA	Barite	HF	Hornfels
BI	Biotite	HE	(Earthy) Hematite
CA	Calcite	KF	Potassium feldspar
CB	Fe carbonate minerals	MN	Manganese oxides
CD	Chloritoid	MS/SE	Muscovite/Sericite
CL	Chlorite	NE	Neotocite
CY	Clay	QZ	Quartz
DI	Diopside	SC	Scapolite
DO	Dolomite	SD	Siderite
EP	Epidote	SI	Silica/silicification
FL	Feldspar	TA	Talc
FU	Flourite	TO	Tourmaline

MINERALIZATION

SULPHIDES		OXIDES, SULPHATES	
AS	Arsenopyrite	AZ	Azurite
BO	Bornite	BZ/BR	Brannerite
CC	Chalcocite	CU	Native copper
CO	Cobaltite	CuOX	Copper oxides
CP	Chalcopyrite	GO	Goethite
GA	Galena	HE	(Earthy) hematite
MO	Molybdenite	HS	Specular hematite/specularite
PY	Pyrite	JA	Jarosite
SP	Sphalerite	LI	Limonite
		MC	Malachite
		MG	Magnetite
		SO	Sulfate

MODIFIERS

QUALIFIERS		INTENSITIES	
btn	bedded-thin	i	intense
bmd	bedded-medium	s	strong
bth	thickly bedded	m	moderate
mas	massive	w	weak
lam	laminated	tr	trace
fis	fissile	COLOURS	
dol	dolomitic	gn	green
stm	stromatolite	bf	buff
frc	fractured	bk	black
bxd	brecciated	pk	pink
fld	folded	wh	white
mn	minor	gy	grey
sh	shear	GRAIN SIZE	
flt	fault	fg	fine grained
OTHER		mg	medium grained
abdt	abundant	cg	coarse grained
W	with		

SYMBOLS

- Outcrop
- Bedding (inclined, vertical)
- Foliation (inclined, vertical)
- Fracturing (inclined, vertical)
- Faulting (inclined, vertical)
- Veining (inclined, vertical)
- Flow Foliation (inclined, vertical)
- Lithological contact (inferred)
- Fault, Thrust
- Rock sample (float, outcrop)
- Soil sample (grid, reconnaissance)
- Silt Sample (FJV, RGS)
- Drill hole
- Helicopter pad

Airborne Radiometrics Uranium Contours

- >10 counts/second
- 9 counts/second
- 8 counts/second

Geochemistry Sampling

Wernecke Rocks U3O8 (%)	2006 Wernecke Soils Uranium (ppm)	Wernecke Area RGS Uranium (ppm)
> 98th percentile	> 98th percentile	> 98th percentile
95th percentile	95th percentile	95th percentile
90th percentile	90th percentile	90th percentile
80th percentile	80th percentile	80th percentile
< 80th percentile	< 80th percentile	< 80th percentile

1000 m

Property Area Boundary
Competitor Area Boundary
Showing/Minfile Occurrence

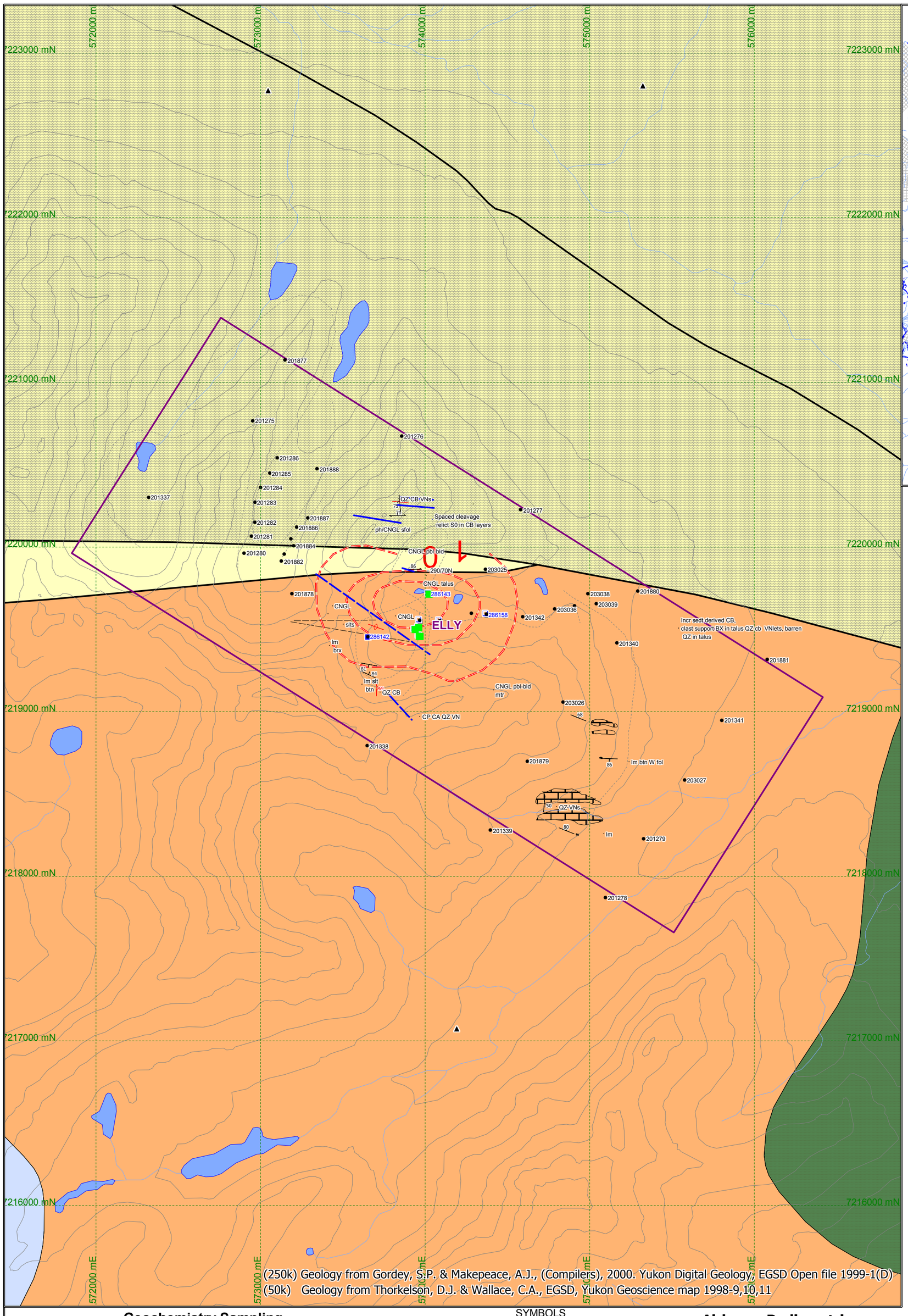
(250k) Geology from Gordey, S.P. & Makepeace, A.J., (Compilers), 2000. Yukon Digital Geology, EGSD Open file 1999-1(D)
(50k) Geology from Thorkelson, D.J. & Wallace, C.A., EGSD, Yukon Geoscience map 1998-9,10,11

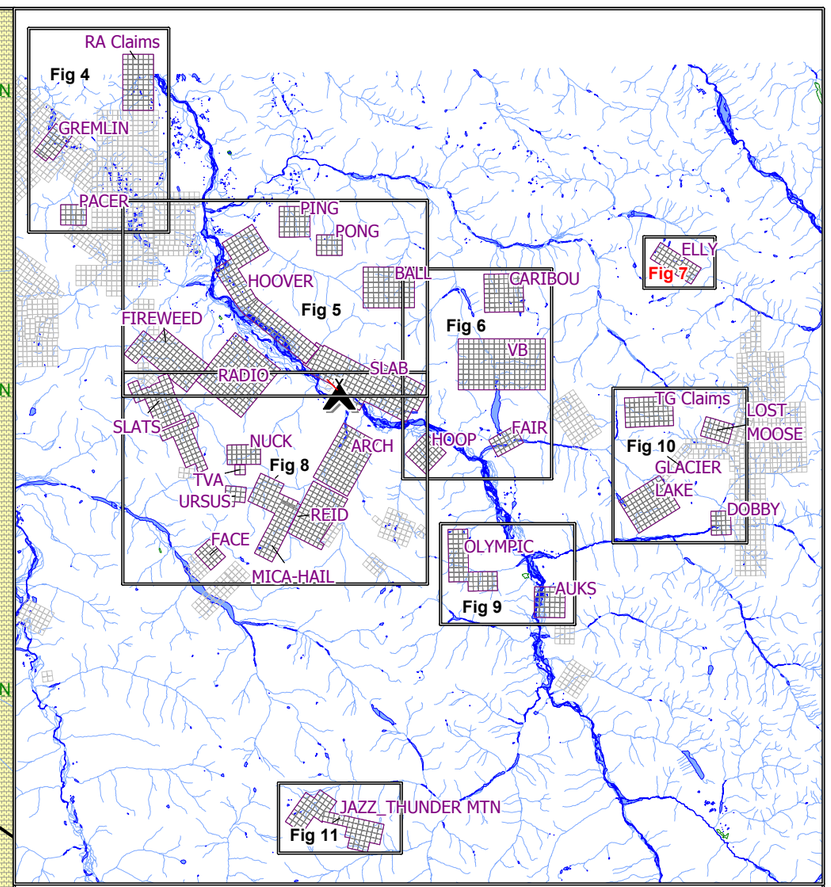
FRONTEER DEVELOPMENT GROUP INC.

WERNECKE PROJECT
VB Area
Geochemistry (Uranium)
Geology Compilation

Date	MAR 2007	Scale	1:20,000
UTM Zone	UTM 8 - NAD83	Mining District	Mayo
N.T.S.	106 C,D,E,F	Area/Province	Yukon

Figure 6c





2006 LITHOLOGY

ap	Aplite	lamp	Lamprophyre
arg	Argillite	ls	Limestone
bhm	Homolithic Breccia	mdst	Mudstone
bhmc	Homolithic Breccia (dolomitic)	mtS	Metasomatised Sediments
bht	Heterolithic Breccia	phy	Phyllite
bht;m	Heterolithic/Homolithic Breccia	qzt	Quartzite
bhtc	Chaotic Breccia	sch	Schist
PLATY bht	Heterolithic Breccia (platy)	shl	Shale
bs	Basalt	shl;bk	Black Shale
cht	Chert	slt	Slate
cngl	Conglomerate	slts	Siltstone
dg	Grey Dyke	slts/mdst	Siltstone/Mudstone
gl	Diorite	sst	Sandstone
dol	Dolomite/Dolostone	stt	Siltite
gb	Gabbro	sy	Syenite

ALTERATION

AB	Albite	GA	Garnet
AK	Ankerite	GR	Graphite
BA	Barite	HF	Hornfels
BI	Biotite	HE	(Earthy) Hematite
CA	Calcite	KF	Potassium feldspar
CB	Fe carbonate minerals	MN	Manganese oxides
CD	Chloritoid	MS/SE	Muscovite/Sericite
CL	Chlorite	NE	Neotocite
CY	Clay	QZ	Quartz
DI	Diopside	SC	Scapolite
DO	Dolomite	SD	Siderite
EP	Epidote	SI	Silica/silicification
FL	Feldspar	TA	Talc
FU	Flourite	TO	Tourmaline

MINERALIZATION

SULPHIDES		OXIDES, SULPHATES	
AS	Arsenopyrite	AZ	Azurite
BO	Bornite	BZ/BR	Brannerite
CC	Chalcocite	CU	Native copper
CO	Cobaltite	CuOX	Copper oxides
CP	Chalcopyrite	GO	Goethite
GA	Galena	HE	(Earthy) hematite
MO	Molybdenite	HS	Specular hematite/specularite
PY	Pyrite	JA	Jarosite
SP	Sphalerite	LI	Limonite
		MC	Malachite
		MG	Magnetite
		SO	Sulfate

MODIFIERS

QUALIFIERS		INTENSITIES	
btn	bedded-thin	i	intense
bmd	bedded-medium	s	strong
bth	thickly bedded	m	moderate
mas	massive	w	weak
lam	laminated	tr	trace
fis	fissile	COLOURS	
dol	dolomitic	gn	green
stm	stromatolite	bf	buff
frc	fractured	bk	black
bxd	brecciated	pk	pink
fld	folded	wh	white
mn	minor	gy	grey
sh	shear	GRAIN SIZE	
flt	fault	fg	fine grained
OTHER		mg	medium grained
abdt	abundant	cg	coarse grained
W	with		

Geochemistry Sampling

Coincident Anomaly	Gold (ppm)	Silver (ppm)	Moly (ppm)
ROCK SAMPLE > 90th Percentile			
SOIL SAMPLE > 95th Percentile			
SILT SAMPLE > 90th Percentile			

SYMBOLS

- Outcrop
- Bedding (inclined, vertical)
- Foliation (inclined, vertical)
- Fracturing (inclined, vertical)
- Faulting (inclined, vertical)
- Veining (inclined, vertical)
- Flow Foliation (inclined, vertical)
- Lithological contact (inferred)
- Fault, Thrust
- Rock sample (float, outcrop)
- Soil sample (grid, reconnaissance)
- Silt Sample (FJV, RGS)
- Drill hole
- Helicopter pad

Airborne Radiometrics Uranium Contours

- >10 counts/second
- 9 counts/second
- 8 counts/second

- Property Area Boundary
- Competitor Area Boundary
- Showing/Minfile Occurrence

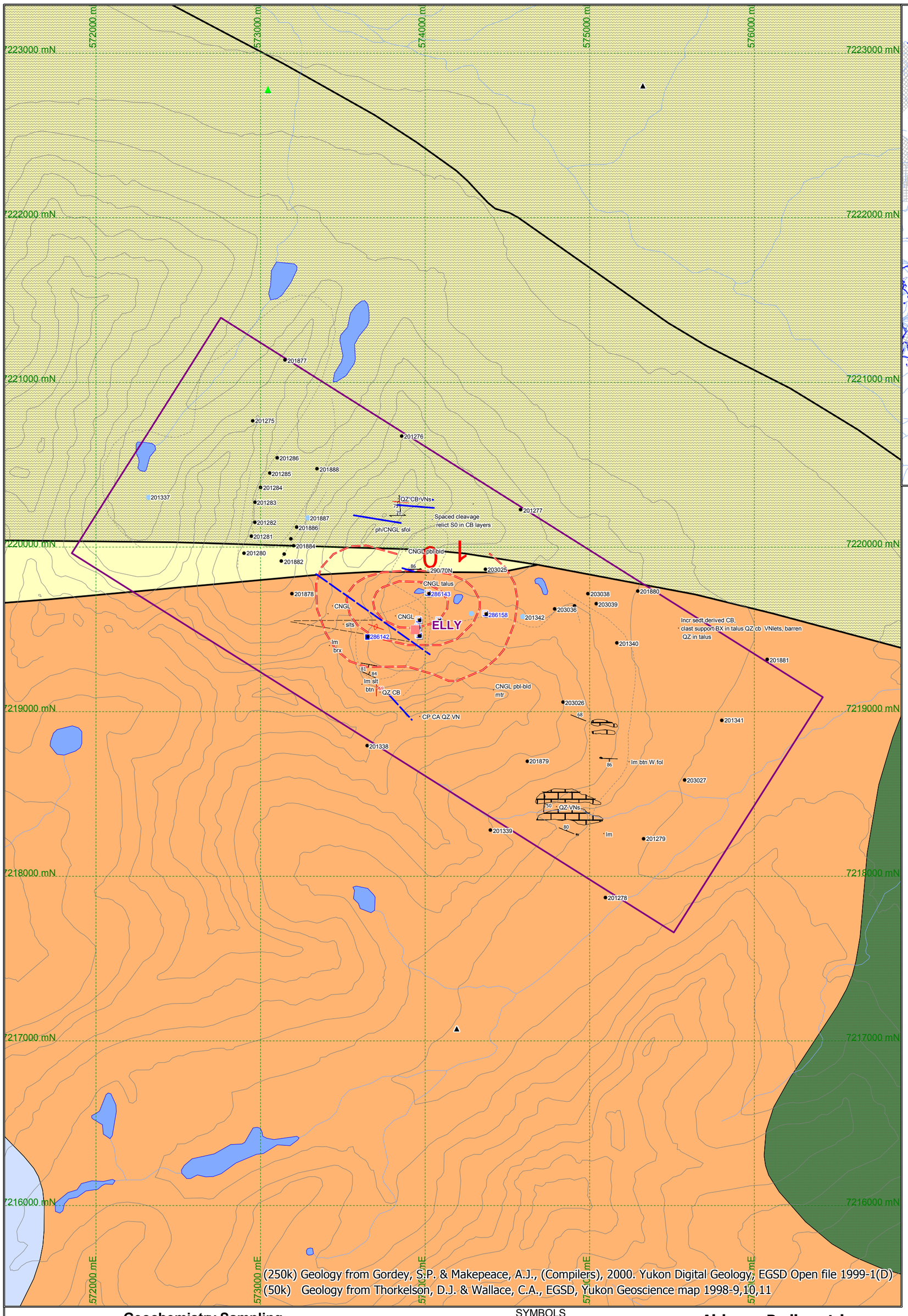
1000 m

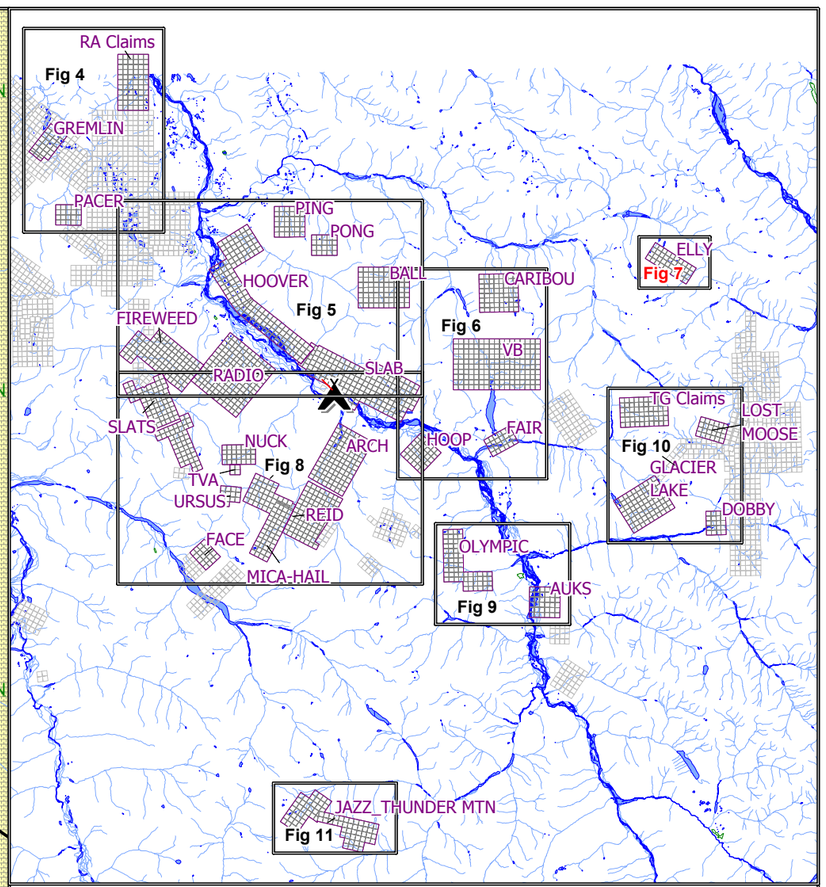
FRONTEER DEVELOPMENT GROUP INC.

WERNECKE PROJECT
Elly Area
Geochemistry (Au,Ag,Mo)
Geology Compilation

Date:	MAR 2007	Scale:	1:20,000
U.T.M. Zone	UTM 8 - NAD83	Mining District	Mayo
N.T.S.	106 C,D,E,F	State/Province	Yukon

Figure 7a





2006 LITHOLOGY

aplt	Aplite	lamp	Lamprophyre
arg	Argillite	ls	Limestone
bhm	Homolithic Breccia	mdst	Mudstone
bhmc	Homolithic Breccia (dolomitic)	mts	Metasomatised Sediments
bht	Heterolithic Breccia	phy	Phyllite
bht;m	Heterolithic/Homolithic Breccia	qzt	Quartzite
bhtc	Chaotic Breccia	sch	Schist
PLATY bht	Heterolithic Breccia (platy)	shl	Shale
bs	Basalt	shl;blk	Black Shale
cht	Chert	slt	Slate
cngl	Conglomerate	slts	Siltstone
dg	Grey Dyke	slts/mdst	Siltstone/Mudstone
gl	Diorite	sst	Sandstone
dol	Dolomite/Dolostone	stt	Siltite
gb	Gabbro	sy	Syenite

ALTERATION

AB	Albite	GA	Garnet
AK	Ankerite	GR	Graphite
BA	Barite	HF	Hornfels
BI	Biotite	HE	(Earthy) Hematite
CA	Calcite	KF	Potassium feldspar
CB	Fe carbonate minerals	MN	Manganese oxides
CD	Chloritoid	MS/SE	Muscovite/Sericite
CL	Chlorite	NE	Neotocite
CY	Clay	QZ	Quartz
DI	Diopside	SC	Scapolite
DO	Dolomite	SD	Siderite
EP	Epidote	SI	Silica/silicification
FL	Feldspar	TA	Talc
FU	Flourite	TO	Tourmaline

MINERALIZATION

SULPHIDES		OXIDES, SULPHATES	
AS	Arsenopyrite	AZ	Azurite
BO	Bornite	BZ/BR	Brannerite
CC	Chalcocite	CU	Native copper
CO	Cobaltite	CuOX	Copper oxides
CP	Chalcopyrite	GO	Goethite
GA	Galena	HE	(Earthy) hematite
MO	Molybdenite	HS	Specular hematite/specularite
PY	Pyrite	JA	Jarosite
SP	Sphalerite	LI	Limonite
		MC	Malachite
		MG	Magnetite
		SO	Sulfate

MODIFIERS

QUALIFIERS		INTENSITIES	
btn	bedded-thin	i	intense
bmd	bedded-medium	s	strong
bth	thickly bedded	m	moderate
mas	massive	w	weak
lam	laminated	tr	trace
fis	fissile	COLOURS	
dol	dolomitic	gn	green
stm	stromatolite	bf	buff
frc	fractured	bk	black
bxd	brecciated	pk	pink
fld	folded	wh	white
mn	minor	gy	grey
sh	shear	GRAIN SIZE	
flt	fault	fg	fine grained
OTHER		mg	medium grained
abdt	abundant	cg	coarse grained
W	with		

(250k) Geology from Gordey, S.P. & Makepeace, A.J., (Compilers), 2000. Yukon Digital Geology, EGSD Open file 1999-1(D)
(50k) Geology from Thorkelson, D.J. & Wallace, C.A., EGSD, Yukon Geoscience map 1998-9,10,11

Geochemistry Sampling

Coincident Anomaly	Nickel (ppm)	Copper (ppm)	Cobalt (ppm)
ROCK SAMPLE > 90th Percentile			
SOIL SAMPLE > 95th Percentile			
SILT SAMPLE > 90th Percentile			

SYMBOLS

- Outcrop
- Bedding (inclined, vertical)
- Foliation (inclined, vertical)
- Fracturing (inclined, vertical)
- Faulting (inclined, vertical)
- Veining (inclined, vertical)
- Flow Foliation (inclined, vertical)
- Lithological contact (inferred)
- Fault, Thrust
- Rock sample (float, outcrop)
- Soil sample (grid, reconnaissance)
- Silt Sample (FJV, RGS)
- Drill hole
- Helicopter pad

Airborne Radiometrics Uranium Contours

- >10 counts/second
- 9 counts/second
- 8 counts/second

- Property Area Boundary
- Competitor Area Boundary
- Showing/Minfile Occurrence

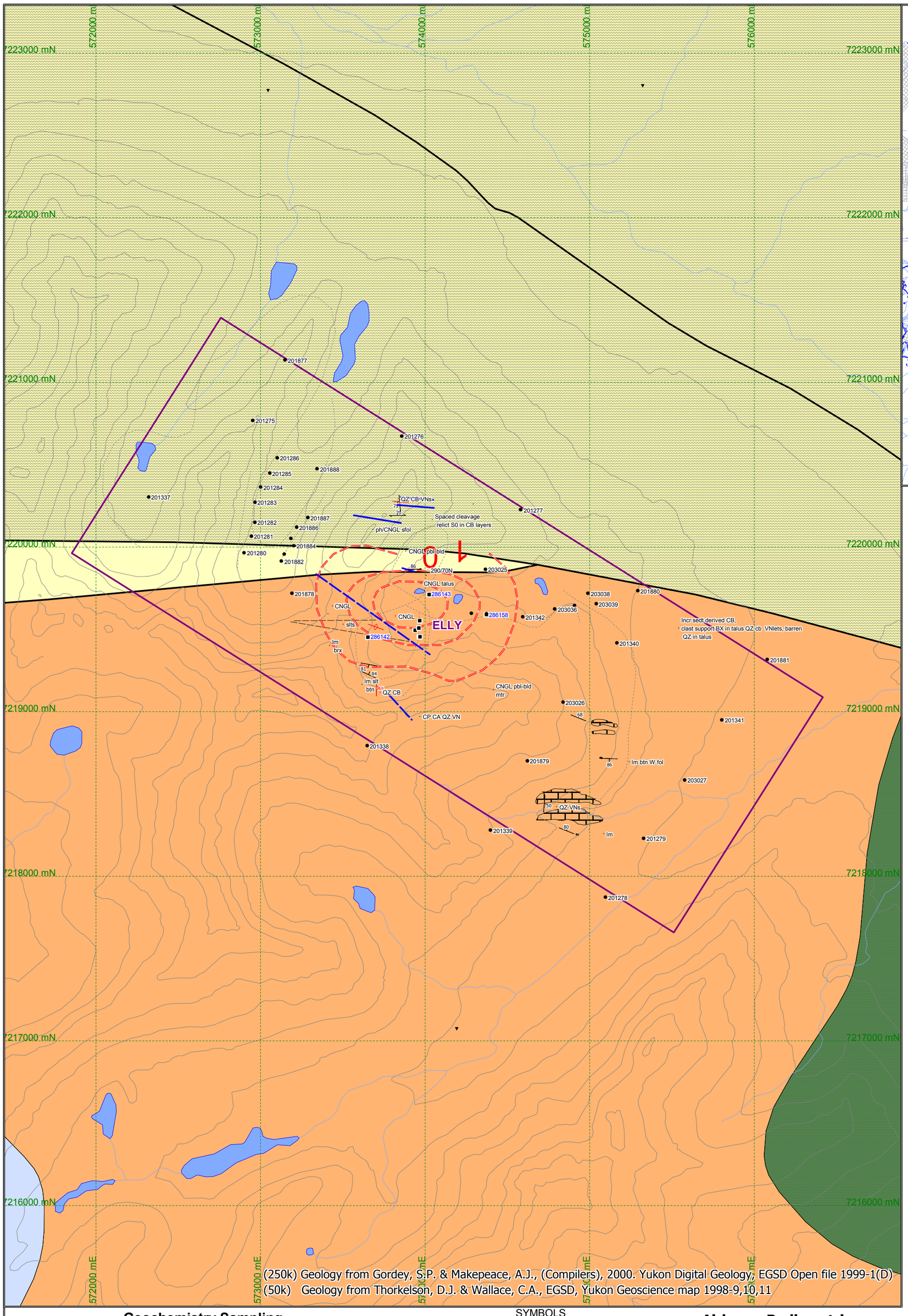
1000 m

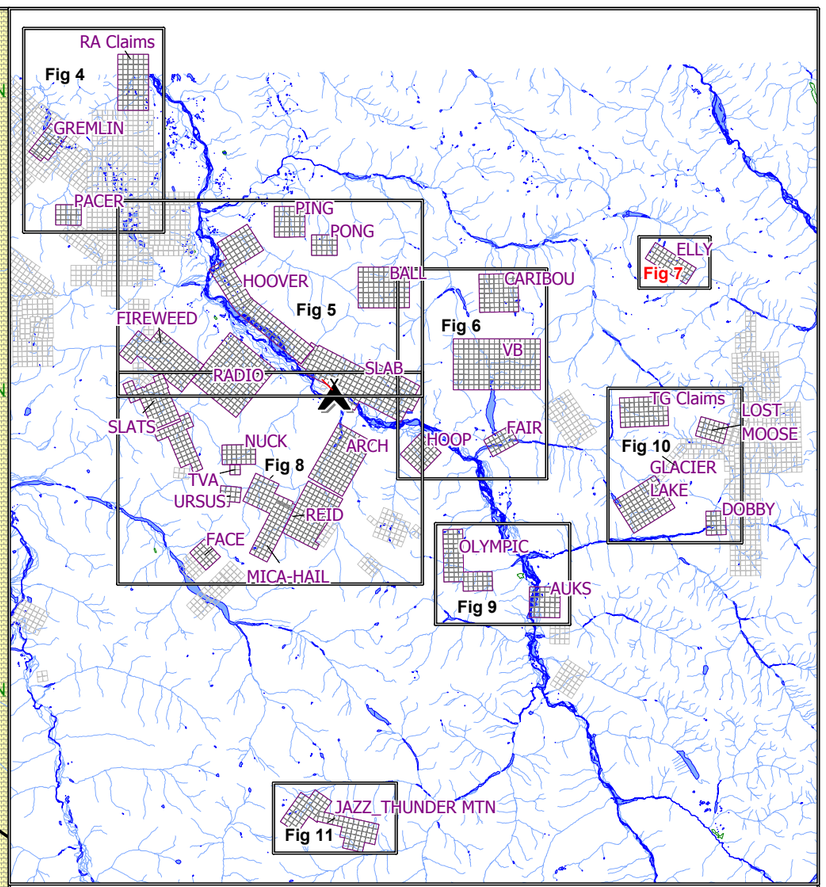
FRONTEER DEVELOPMENT GROUP INC.

WERNECKE PROJECT
Elly Area
Geochemistry (Ni,Cu,Co)
Geology Compilation

Date:	MAR 2007	Scale:	1:20,000
U.T.M. Zone	UTM 8 - NAD83	Mining District	Mayo
N.T.S.	106 C,D,E,F	State/Province	Yukon

Figure 7b





2006 LITHOLOGY

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dol	Dolomite/Dolostone	stt	Siltite
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ALTERATION

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DO	Dolomite	SD	Siderite
EP	Epidote	SI	Silica/silicification
FL	Feldspar	TA	Talc
FU	Flourite	TO	Tourmaline

MINERALIZATION

SULPHIDES		OXIDES, SULPHATES	
AS	Arsenopyrite	AZ	Azurite
BO	Bornite	BZ/BR	Brannerite
CC	Chalcocite	CU	Native copper
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		MC	Malachite
		MG	Magnetite
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MODIFIERS

QUALIFIERS		INTENSITIES	
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stm	stromatolite	bf	buff
frc	fractured	bk	black
bxd	brecciated	pk	pink
fld	folded	wh	white
mn	minor	gy	grey
sh	shear	GRAIN SIZE	
flt	fault	fg	fine grained
OTHER		mg	medium grained
abdt	abundant	cg	coarse grained
W	with		

Geochemistry Sampling

Wernecke Rocks U3O8 (%)	2006 Wernecke Soils Uranium (ppm)	Wernecke Area RGS Uranium (ppm)
> 98th percentile	> 98th percentile	> 98th percentile
95th percentile	95th percentile	95th percentile
90th percentile	90th percentile	90th percentile
80th percentile	80th percentile	80th percentile
< 80th percentile	< 80th percentile	< 80th percentile

SYMBOLS

- Outcrop
- Bedding (inclined, vertical)
- Foliation (inclined, vertical)
- Fracturing (inclined, vertical)
- Faulting (inclined, vertical)
- Veining (inclined, vertical)
- Flow Foliation (inclined, vertical)
- Lithological contact (inferred)
- Fault, Thrust
- Rock sample (float, outcrop)
- Soil sample (grid, reconnaissance)
- Silt Sample (FJV, RGS)
- Drill hole
- Helicopter pad

Airborne Radiometrics Uranium Contours

- >10 counts/second
- 9 counts/second
- 8 counts/second

- Property Area Boundary
- Competitor Area Boundary
- Showing/Minfile Occurrence

1000 m

FRONTEER DEVELOPMENT GROUP INC.

WERNECKE PROJECT
Elly Area
Geochemistry (Uranium)
Geology Compilation

Date:	MAR 2007	Scale:	1:20,000
U.T.M. Zone	UTM 8 - NAD83	Mining District	Mayo
N.T.S.	106 C,D,E,F	State/Province	Yukon

Figure 7c


2006 LITHOLOGY
ALTERATION
MINERALIZATION
MODIFIERS
SYMBOLS
Flow Foliation (inclined, vertical)
Lithological contact (inferred)
Fault, Thrust
Rock sample (float, outcrop)
Soil sample (grid, reconnaissance)
Silt Sample (FJV, RGS)
Drill hole
Helicopter pad
Airborne Radiometrics
Uranium Contours
>10 counts/second
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8 counts/second
Geochemistry Sampling
Coincident Anomaly
Gold (ppm)
Silver (ppm)
Moly (ppm)
ROCK SAMPLE > 90th Percentile
SOIL SAMPLE > 95th Percentile
SILT SAMPLE > 90th Percentile
1000 m
Property Area Boundary
Competitor Area Boundary
Showing/Minfile Occurrence
FRONTEER DEVELOPMENT GROUP INC.
WERNECKE PROJECT
Slats/Mica Hail Area
Geochemistry (Au,Ag,Mo)
Geology Compilation
Date: MAR 2007
Scale: 1:20,000
U.T.M. Zone UTM 8 - NAD83
Mining District Mayo
N.T.S. 106 C,D,E,F
State/Province Yukon
Figure 8a
(250k) Geology from Gordey, S.P. & Makepeace, A.J., (Compilers), 2000. Yukon Digital Geology, EGSD Open file 1999-1(D)
(50k) Geology from Thorkelson, D.J. & Wallace, C.A., EGSD, Yukon Geoscience map 1998-9,10,11
SLATS
NUCK
URSUS
MICA-HAIL
ARCH
REID
HOOP
FACE
CORD

2006 LITHOLOGY

Code	Lithology	Code	Lithology
ap	Aplite	lamp	Lamprophyre
arg	Argillite	ls	Limestone
bhm	Homolithic Breccia	mdst	Mudstone
bhmc	Homolithic Breccia (dolomitic)	mts	Metasomatised Sediments
bht	Heterolithic Breccia	ph	Phyllite
bht,m	Heterolithic/Homolithic Breccia	qzt	Quartzite
bhtc	Chaotic Breccia	sch	Schist
PLATY bht	Heterolithic Breccia (platy)	shl	Shale
bs	Basalt	shl bk	Black Shale
cht	Chert	slt	Slate
cngl	Conglomerate	slts	Siltstone
dg	Grey Dyke	slts/mdst	Siltstone/Mudstone
di	Diorite	sst	Sandstone
dol	Dolomite/Dolostone	stt	Siltite
gb	Gabbro	sy	Syenite

ALTERATION

AB	Albite	GA	Garnet
AK	Ankerite	GR	Graphite
BA	Barite	HF	Hornfels
BI	Biotite	HE	(Earthy) Hematite
CA	Calcite	KF	Potassium feldspar
CB	Fe carbonate minerals	MN	Manganese oxides
CD	Chloritoid	MS/SE	Muscovite/Sericite
CL	Chlorite	NE	Neotocite
CY	Clay	QZ	Quartz
DI	Diopside	SC	Scapolite
DO	Dolomite	SD	Siderite
EP	Epidote	SI	Silica/silicification
FL	Feldspar	TA	Talc
FU	Flourite	TO	Tourmaline

MINERALIZATION

SULPHIDES		OXIDES, SULPHATES	
AS	Arsenopyrite	AZ	Azurite
BO	Bornite	BZ/BR	Brannerite
CC	Chalcocite	CU	Native copper
CO	Cobaltite	CuOX	Copper oxides
CP	Chalcopyrite	GO	Goethite
GA	Galena	HE	(Earthy) hematite
MO	Molybdenite	HS	Specular hematite/specularite
PY	Pyrite	JA	Jarosite
SP	Sphalerite	LI	Limonite
		MC	Malachite
		MG	Magnetite
		SO	Sulfate

MODIFIERS

QUALIFIERS		INTENSITIES	
btn	bedded-thin	i	intense
bmd	bedded-medium	s	strong
bth	thickly bedded	m	moderate
mas	massive	w	weak
lam	laminated	tr	trace
fis	fissile	COLOURS	
dol	dolomitic	gn	green
stm	stromatolite	bf	buff
frc	fractured	bk	black
bxd	brecciated	pk	pink
fld	folded	wh	white
mn	minor	gy	grey
sh	shear	GRAIN SIZE	
flt	fault	fg	fine grained
OTHER		mg	medium grained
abdt	abundant	cg	coarse grained
W	with		

SYMBOLS

Outcrop
Bedding (inclined, vertical)
Foliation (inclined, vertical)
Fracturing (inclined, vertical)
Faulting (inclined, vertical)
Veining (inclined, vertical)
Flow Foliation (inclined, vertical)
Lithological contact (inferred)
Fault, Thrust
Rock sample (float, outcrop)
Soil sample (grid, reconnaissance)
Silt Sample (FJV, RGS)
Drill hole
Helicopter pad

Airborne Radiometrics Uranium Contours

>10 counts/second
9 counts/second
8 counts/second

Geochemistry Sampling

Coincident Anomaly	Nickel (ppm)	Copper (ppm)	Cobalt (ppm)	Coincident Anomaly	Nickel (ppm)	Copper (ppm)	Cobalt (ppm)	Coincident Anomaly	Nickel (ppm)	Copper (ppm)	Cobalt (ppm)
ROCK SAMPLE > 90th Percentile				SOIL SAMPLE > 95th Percentile				SILT SAMPLE > 90th Percentile			

1000 m

Property Area Boundary
Competitor Area Boundary
Showing/Minfile Occurrence

FRONTEER DEVELOPMENT GROUP INC.

WERNECKE PROJECT
Slats/Mica Hail Area
Geochemistry (Ni,Cu,Co)
Geology Compilation

Date: MAR 2007	Scale: 1:20,000	Figure	8b
U.T.M. Zone UTM 8 - NAD83	Mining District Mayo		
N.T.S. 106 C,D,E,F	State/Province Yukon		


RADIO
NUCK
URSUS
MICA-HAIL
FACE
ARCH
REID
SLAB
HOOP
CORD
2006 LITHOLOGY
ALTERATION
MINERALIZATION
MODIFIERS
SYMBOLS
Flow Foliation (inclined, vertical)
Lithological contact (inferred)
Fault, Thrust
Rock sample (float, outcrop)
Soil sample (grid, reconnaissance)
Silt Sample (FJV, RGS)
Drill hole
Helicopter pad
Airborne Radiometrics
Uranium Contours
>10 counts/second
9 counts/second
8 counts/second
Geochemistry Sampling
2006 Wernecke Soils
Uranium (ppm)
> 98th percentile
95th percentile
90th percentile
80th percentile
< 80th percentile
Wernecke Area RGS
Uranium (ppm)
> 98th percentile
95th percentile
90th percentile
80th percentile
< 80th percentile
Wernecke Rocks
U3O8 (%)
98th percentile
95th percentile
90th percentile
80th percentile
all others
1000 m
Property Area Boundary
Competitor Area Boundary
Showing/Minfile Occurrence
(250k) Geology from Gordey, S.P. & Makepeace, A.J., (Compilers), 2000. Yukon Digital Geology, EGSD Open file 1999-1(D)
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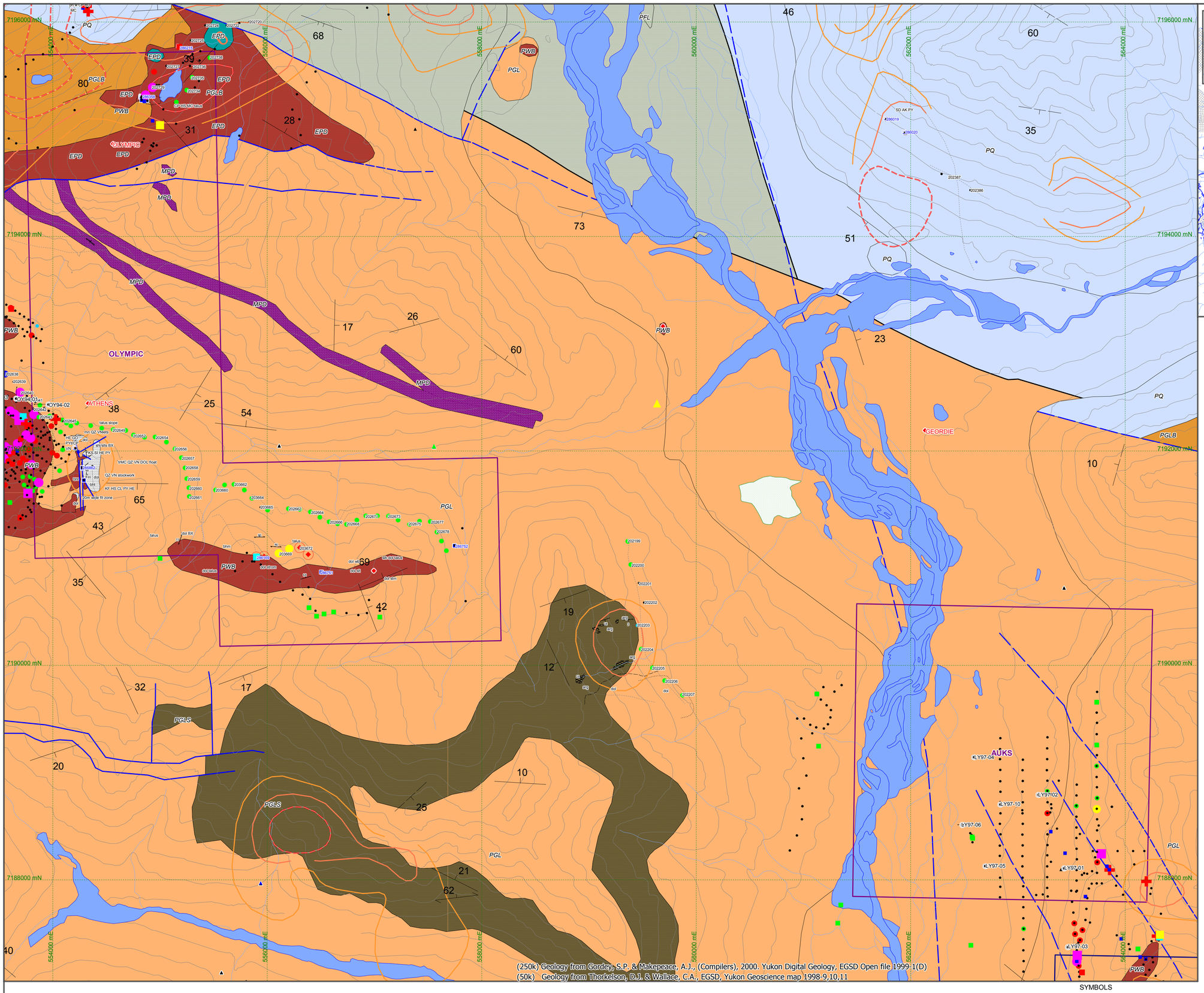
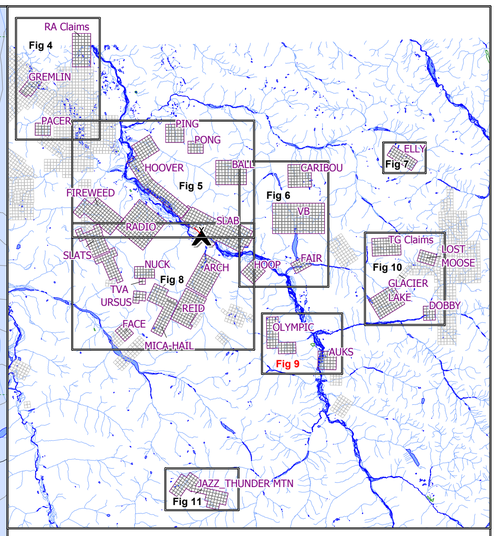
FRONTEER DEVELOPMENT GROUP INC.
WERNECKE PROJECT
Slats/Mica Hail Area
Geochemistry (Uranium)
Geology Compilation
Date: MAR 2007
Scale: 1:20,000
U.T.M. Zone UTM 8 - NAD83
Mining District Mayo
N.T.S. 106 C,D,E,F
State/Province Yukon
Figure 8c





2006 LITHOLOGY

aplite	Aplite	lamp	Lamprophyre
argillite	Argillite	lmst	Limestone
bhm	Homolithic Breccia	mdstn	Mudstone
bhmc	Homolithic Breccia (dolomitic)	mss	Metasomatised Sediments
bht	Heterolithic Breccia	phyl	Phyllite
bhtm	Heterolithic/Homolithic Breccia	qtzt	Quartzite
bhc	Chaotic Breccia	schist	Schist
PLATY DH	Heterolithic Breccia (platy)	shale	Shale
basalt	Basalt	blkshale	Black Shale
chert	Chert	slate	Slate
cgl	Conglomerate	sltst	Siltstone
gdy	Grey Dyke	sltst/mdst	Siltstone/Mudstone
dior	Diorite	sst	Sandstone
dol	Dolomite/Dolostone	slt	Siltite
gab	Gabbro	syen	Syenite

ALTERATION

AB	Albite	GA	Garnet
AK	Ankerite	GR	Graphite
BA	Barite	HF	Hornfels
BI	Biotite	HE	(Earthy) Hematite
CA	Calcite	KF	Potassium feldspar
CB	Fe carbonate minerals	MN	Manganese oxides
CD	Chloritoid	MS/SE	Muscovite/Sericite
CL	Chlorite	NE	Neotocite
CY	Clay	QZ	Quartz
DI	Diopside	SC	Scapolite
DO	Dolomite	SD	Siderite
EP	Epidote	SI	Silica/silicification
FL	Feldspar	TA	Talc
FU	Flourite	TO	Tourmaline

MINERALIZATION

SULPHIDES		OXIDES, SULPHATES	
AS	Arsenopyrite	AZ	Azurite
BO	Bornite	BZ/BR	Brannerite
CC	Chalcocite	CU	Native copper
CO	Cobaltite	CuOX	Copper oxides
CP	Chalcopyrite	GO	Goethite
GA	Galena	HE	(Earthy) hematite
MO	Molybdenite	HS	Specular hematite/specularite
PY	Pyrite	JA	Jarosite
SP	Sphalerite	LI	Limonite
		MC	Malachite
		MG	Magnetite
		SO	Sulfate

MODIFIERS

QUALIFIERS		INTENSITIES	
btn	bedded-thin	i	intense
bmd	bedded-medium	s	strong
bth	thickly bedded	m	moderate
mas	massive	w	weak
lam	laminated	tr	trace
fis	fissile	COLOURS	
dol	dolomitic	gn	green
stm	stromatolite	bf	buff
frc	fractured	bk	black
bxd	brecciated	pk	pink
fld	folded	wh	white
mn	minor	gy	grey
sh	shear	GRAIN SIZE	
flt	fault	fg	fine grained
OTHER		mg	medium grained
abdt	abundant	cg	coarse grained
W	with		

Geochemistry Sampling

Coincident Anomaly	Gold (ppm)	Silver (ppm)	Moly (ppm)

ROCK SAMPLE > 90th Percentile

SOIL SAMPLE > 95th Percentile

SILT SAMPLE > 90th Percentile

SYMBOLS

- Outcrop
- Bedding (inclined, vertical)
- Foliation (inclined, vertical)
- Fracturing (inclined, vertical)
- Faulting (inclined, vertical)
- Veining (inclined, vertical)
- Flow Foliation (inclined, vertical)
- Lithological contact (inferred)
- Fault, Thrust
- Rock sample (float, outcrop)
- Soil sample (grid, reconnaissance)
- Silt Sample (FJV, RGS)
- Drill hole
- Helicopter pad

Airborne Radiometrics Uranium Contours

- >10 counts/second
- 9 counts/second
- 8 counts/second

1000 m

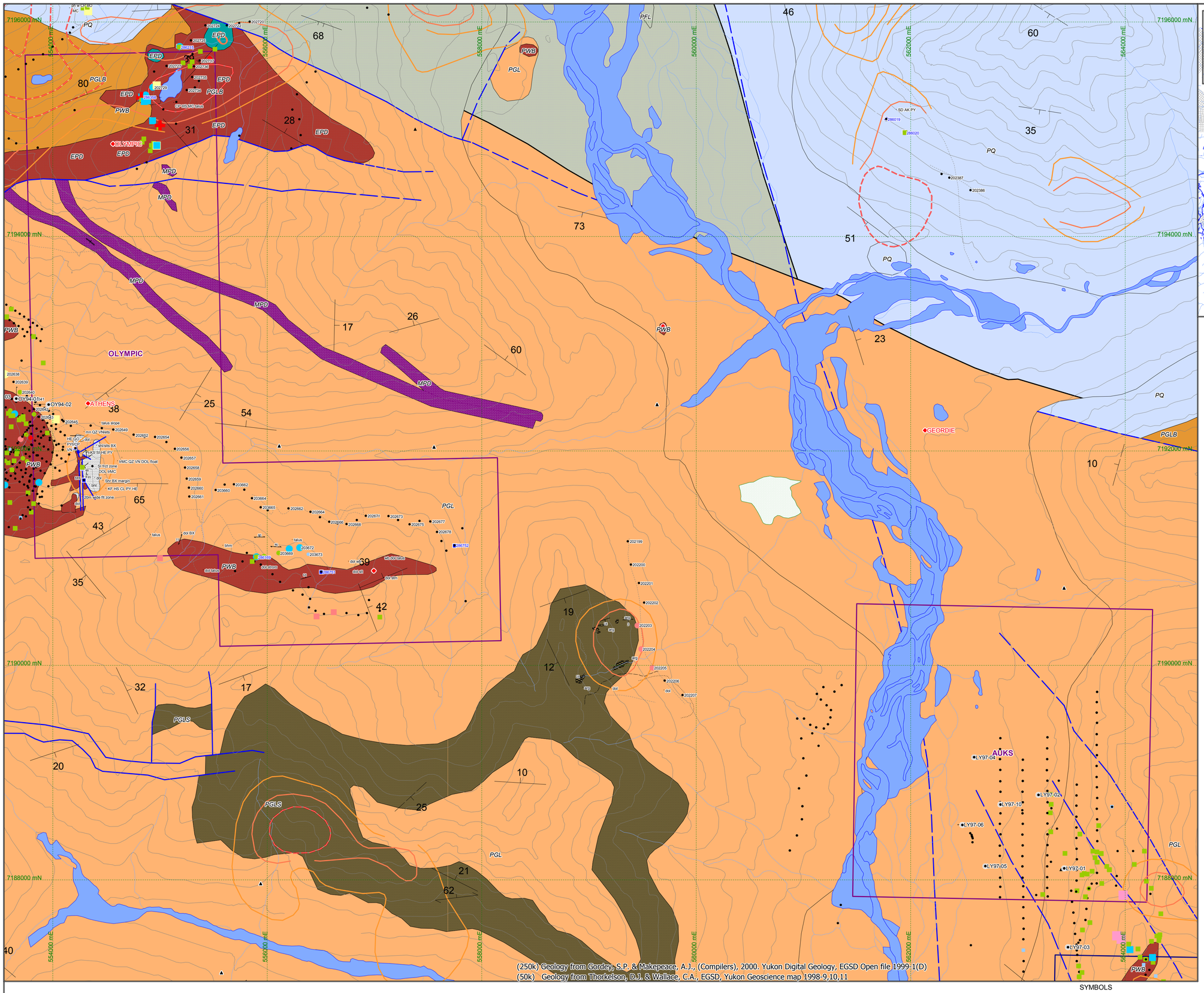
Property Area Boundary
Competitor Area Boundary
Showing/Minfile Occurrence

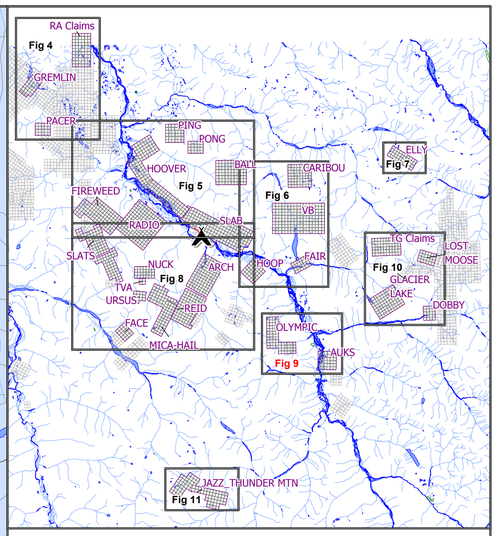
FRONTEER DEVELOPMENT GROUP INC.

WERNECKE PROJECT
Olympic/Auks Area
Geochemistry (Au,Ag,Mo)
Geology Compilation

Date:	MAR 2007	Scale:	1:20,000
D.T.M. Zone	UTM 8 - NAD83	Mining District	Mayo
N.T.S.	106 C,D,E,F	State/Province	Yukon

Figure 9a





2006 LITHOLOGY

apl	Aplite	lamp	Lamprophyre
arg	Argillite	lst	Limestone
bhm	Homolithic Breccia	mdst	Mudstone
bhmc	Homolithic Breccia (dolomitic)	ms	Metasomatised Sediments
bhl	Heterolithic Breccia	phy	Phyllite
bhlm	Heterolithic/Homolithic Breccia	qtz	Quartzite
bhx	Chaotic Breccia	sch	Schist
bhl/PLATY DIR	Heterolithic Breccia (platy)	sh	Shale
bas	Basalt	blk sh	Black Shale
chrt	Chert	sl	Slate
cgl	Conglomerate	sltst	Siltstone
GD	Grey Dyke	sltst/mdst	Siltstone/Mudstone
dior	Diorite	ss	Sandstone
dol	Dolomite/Dolostone	slt	Siltite
gab	Gabbro	syen	Syenite

ALTERATION

AB	Albite	GA	Garnet
AK	Ankerite	GR	Graphite
BA	Barite	HF	Hornfels
BI	Biotite	HE	(Earthy) Hematite
CA	Calcite	KF	Potassium feldspar
CB	Fe carbonate minerals	MN	Manganese oxides
CD	Chloritoid	MS/SE	Muscovite/Sericite
CL	Chlorite	NE	Neotocite
CY	Clay	QZ	Quartz
DI	Diopside	SC	Scapolite
DO	Dolomite	SD	Siderite
EP	Epidote	SI	Silica/silicification
FL	Feldspar	TA	Talc
FU	Flourite	TO	Tourmaline

MINERALIZATION

SULPHIDES		OXIDES, SULPHATES	
AS	Arsenopyrite	AZ	Azurite
BO	Bornite	BZ/BR	Brannerite
CC	Chalcocite	CU	Native copper
CO	Cobaltite	CuOX	Copper oxides
CP	Chalcopyrite	GO	Goethite
GA	Galena	HE	(Earthy) hematite
MO	Molybdenite	HS	Specular hematite/specularite
PY	Pyrite	JA	Jarosite
SP	Sphalerite	LI	Limonite
		MC	Malachite
		MG	Magnetite
		SO	Sulfate

MODIFIERS

QUALIFIERS		INTENSITIES	
btn	bedded-thin	i	intense
bmd	bedded-medium	s	strong
bth	thickly bedded	m	moderate
mas	massive	w	weak
lam	laminated	tr	trace
fis	fissile	COLOURS	
dol	dolomitic	gn	green
stm	stromatolite	bf	buff
frc	fractured	bk	black
bxd	brecciated	pk	pink
fld	folded	wh	white
mn	minor	gy	grey
sh	shear	GRAIN SIZE	
flt	fault	fg	fine grained
OTHER		mg	medium grained
abdt	abundant	cg	coarse grained
W	with		

Geochemistry Sampling

Coincident Anomaly	Nickel (ppm)	Copper (ppm)	Cobalt (ppm)
ROCK SAMPLE > 90th Percentile			
SOIL SAMPLE > 95th Percentile			
SILT SAMPLE > 90th Percentile			

SYMBOLS

- Outcrop
- Bedding (inclined, vertical)
- Foliation (inclined, vertical)
- Fracturing (inclined, vertical)
- Faulting (inclined, vertical)
- Veining (inclined, vertical)
- Flow Foliation (inclined, vertical)
- Lithological contact (inferred)
- Fault, Thrust
- Rock sample (float, outcrop)
- Soil sample (grid, reconnaissance)
- Silt Sample (FJV, RGS)
- Drill hole
- Helicopter pad

Airborne Radiometrics
Uranium Contours

- >10 counts/second
- 9 counts/second
- 8 counts/second

1000 m

Property Area Boundary
Competitor Area Boundary
Showing/Minfile Occurrence

FRONTEER DEVELOPMENT GROUP INC.

WERNECKE PROJECT
Olympic/Auks Area
Geochemistry (Ni,Cu,Co)
Geology Compilation

Date:	MAR 2007	Scale:	1:20,000
Datum/Zone	UTM 8 - NAD83	Mining District	Mayo
N.T.S.	106 C,D,E,F	State/Province	Yukon

Figure 9b

(250k) Geology from Gordey, S.P. & Makepeace, A.J., (Compilers), 2000. Yukon Digital Geology, EGSD Open file 1999-1(D)
(50k) Geology from Thorkelson, D.J. & Wallace, C.A., EGSD, Yukon Geoscience map 1998-9,10,11

Geochemistry Sampling

Wernecke Rocks
U3O8 (%)
- > 98th percentile
- 95th percentile
- 90th percentile
- 80th percentile
- < 80th percentile

2006 Wernecke Soils
Uranium (ppm)
- > 98th percentile
- 95th percentile
- 90th percentile
- 80th percentile
- < 80th percentile

Wernecke Area RGS
Uranium (ppm)
- > 98th percentile
- 95th percentile
- 90th percentile
- 80th percentile
- < 80th percentile

SYMBOLS
- Outcrop
- Bedding (inclined, vertical)
- Foliation (inclined, vertical)
- Fracturing (inclined, vertical)
- Faulting (inclined, vertical)
- Veining (inclined, vertical)
- Flow Foliation (inclined, vertical)
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Property Area Boundary
Competitor Area Boundary
Showing/Minfile Occurrence

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GD	Grey Dyke	sltst/mdst	Siltstone/Mudstone
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W	with		

Airborne Radiometrics
Uranium Contours

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- 9 counts/second
- 8 counts/second

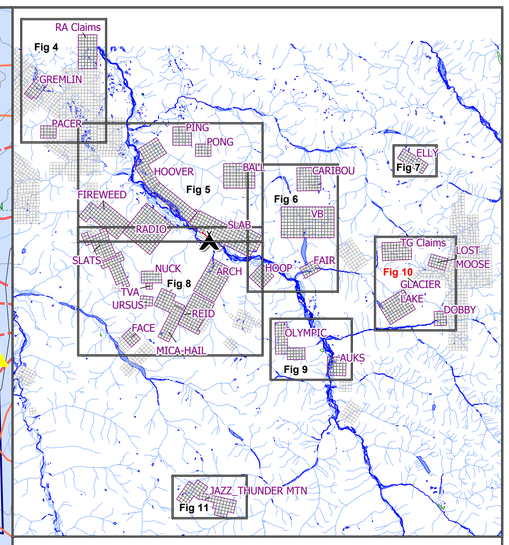
1000 m

FRONTEER DEVELOPMENT GROUP INC.

WERNECKE PROJECT
Olympic/Auks Area
Geochemistry (Uranium)
Geology Compilation

Date:	MAR 2007	Scale:	1:20,000
Grid:	UTM 8 - NAD83	Mining District	Mayo
N.T.S.	106 C,D,E,F	State/Province	Yukon

Figure 9c



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hbls	Chaotic Breccia	sch	Schist
PLATY DOL	Heterolithic Breccia (platy)	sh	Shale
bas	Basalt	BLK SH	Black Shale
chl	Chert	sl	Slate
CONGLO	Conglomerate	silt	Siltstone
dg	Grey Dyke	siltS/mdstS	Siltstone/Mudstone
+ + +	Diorite	SS	Sandstone
dol	Dolomite/Dolostone	st	Siltite
GABBRO	Gabbro	SYEN	Syenite

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stm	stromatolite	bf	buff
frc	fractured	bk	black
bxd	brecciated	pk	pink
fld	folded	wh	white
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OTHER		mg	medium grained
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SYMBOLS

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- Bedding (inclined, vertical)
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- Faulting (inclined, vertical)
- Veining (inclined, vertical)
- Flow Foliation (inclined, vertical)
- Lithological contact (inferred)
- Fault, Thrust
- Rock sample (float, outcrop)
- Soil sample (grid, reconnaissance)
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- Drill hole
- Helicopter pad

Airborne Radiometrics Uranium Contours

- >10 counts/second
- 9 counts/second
- 8 counts/second

Geochemistry Sampling

Coincident Anomaly	Gold (ppm)	Silver (ppm)	Moly (ppm)
ROCK SAMPLE > 90th Percentile			
■	□	□	■
■	□	■	□
■	■	□	□
■	□	■	■
■	■	■	□
■	■	□	■
✚	■	■	■

Coincident Anomaly	Gold (ppm)	Silver (ppm)	Moly (ppm)
SOIL SAMPLE > 95th Percentile			
●	○	○	●
●	○	●	○
●	●	○	○
●	○	●	●
●	●	●	○
●	●	○	●
◆	●	●	●

Coincident Anomaly	Gold (ppm)	Silver (ppm)	Moly (ppm)
SILT SAMPLE > 90th Percentile			
▲	△	△	▲
▲	△	▲	△
▲	▲	△	△
▲	△	▲	▲
▲	▲	▲	△
▲	▲	△	▲
△	▲	▲	▲

1000 m

Property Area Boundary
Competitor Area Boundary
Showing/Minfile Occurrence

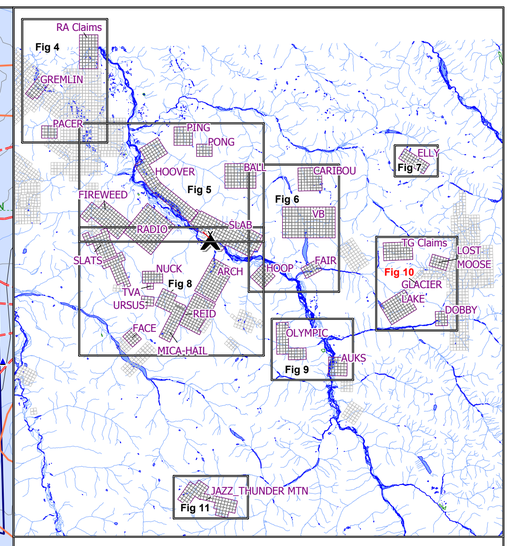
(250k) Geology from Gordey, S.P. & Makepeace, A.J., (Compilers), 2000. Yukon Digital Geology, EGSD Open file 1999-1(D)
(50k) *Geology from Thorkelson, D.J. & Wallace, C.A., EGSD, Yukon Geoscience map 1998-9,10,11

FRONTEER DEVELOPMENT GROUP INC.

WERNECKE PROJECT
Glacier Lake Area
Geochemistry (Au,Ag,Mo)
Geology Compilation

Date:	MAR 2007	Scale:	1:20,000
Projection:	UTM 8 - NAD83	Mining District:	Mayo
N.T.S.	106 C,D,E,F	State/Province:	Yukon

Figure 10a



2006 LITHOLOGY

Aplite		Lamprophyre	lamp
Argillite		Limestone	ls
Homolithic Breccia	bhm	Mudstone	mdst
Homolithic Breccia (dolomitic)	bhmz	Metasomatised Sediments	MS
Heterolithic Breccia	bht	Phyllite	phy
Heterolithic/Homolithic Breccia	bhtm	Quartzite	qzt
Chaotic Breccia	bhtc	Schist	sch
Heterolithic Breccia (platy)	PLATY bht	Shale	sh
Basalt	bas	Black Shale	sh
Chert	chrt	Slate	sl
Conglomerate	cgl	Siltstone	slts
Grey Dyke	dg	Siltstone/Mudstone	slts/mdst
Diorite	dio	Sandstone	ss
Dolomite/Dolostone	dol	Siltite	sltt
Gabbro	gab	Syenite	sy

ALTERATION

AB	Albite	GA	Garnet
AK	Ankerite	GR	Graphite
BA	Barite	HF	Hornfels
BI	Biotite	HE	(Earthy) Hematite
CA	Calcite	KF	Potassium feldspar
CB	Fe carbonate minerals	MN	Manganese oxides
CD	Chloritoid	MS/SE	Muscovite/Sericite
CL	Chlorite	NE	Neotocite
CY	Clay	QZ	Quartz
DI	Diopside	SC	Scapolite
DO	Dolomite	SD	Siderite
EP	Epidote	SI	Silica/silicification
FL	Feldspar	TA	Talc
FU	Flourite	TO	Tourmaline

MINERALIZATION

SULPHIDES		OXIDES, SULPHATES	
AS	Arsenopyrite	AZ	Azurite
BO	Bornite	BZ/BR	Brannerite
CC	Chalcocite	CU	Native copper
CO	Cobaltite	CuOX	Copper oxides
CP	Chalcopyrite	GO	Goethite
GA	Galena	HE	(Earthy) hematite
MO	Molybdenite	HS	Specular hematite/specularite
PY	Pyrite	JA	Jarosite
SP	Sphalerite	LI	Limonite
		MC	Malachite
		MG	Magnetite
		SO	Sulfate

MODIFIERS

QUALIFIERS		INTENSITIES	
btn	bedded-thin	i	intense
bmd	bedded-medium	s	strong
bth	thickly bedded	m	moderate
mas	massive	w	weak
lam	laminated	tr	trace
fis	fissile	COLOURS	
dol	dolomitic	gn	green
stm	stromatolite	bf	buff
frc	fractured	bk	black
bxd	brecciated	pk	pink
fld	folded	wh	white
mn	minor	gy	grey
sh	shear	GRAIN SIZE	
flt	fault	fg	fine grained
OTHER		mg	medium grained
abdt	abundant	cg	coarse grained
W	with		

SYMBOLS

- Outcrop
- Bedding (inclined, vertical)
- Foliation (inclined, vertical)
- Fracturing (inclined, vertical)
- Faulting (inclined, vertical)
- Veining (inclined, vertical)
- Flow Foliation (inclined, vertical)
- Lithological contact (inferred)
- Fault, Thrust
- Rock sample (float, outcrop)
- Soil sample (grid, reconnaissance)
- Silt Sample (FJV, RGS)
- Drill hole
- Helicopter pad

Airborne Radiometrics Uranium Contours

- >10 counts/second
- 9 counts/second
- 8 counts/second

Geochemistry Sampling

Coincident Anomaly	Nickel (ppm)	Copper (ppm)	Cobalt (ppm)
ROCK SAMPLE > 90th Percentile			
SOIL SAMPLE > 95th Percentile			
SILT SAMPLE > 90th Percentile			

1000 m

Property Area Boundary
Competitor Area Boundary
Showing/Minfile Occurrence

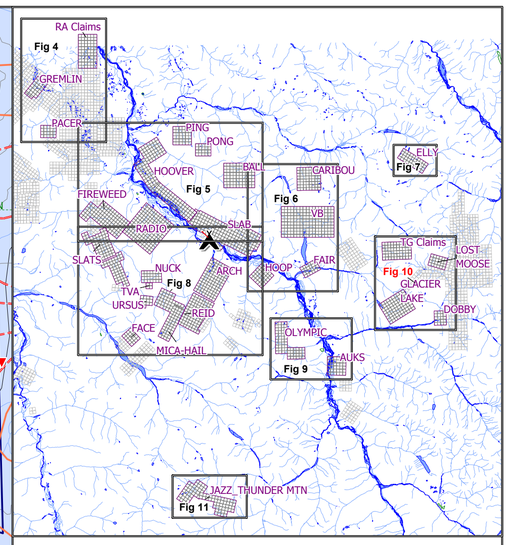
(250k) Geology from Gordey, S.P. & Makepeace, A.J., (Compilers), 2000. Yukon Digital Geology, EGSD Open file 1999-1(D)
(50k) Geology from Thorkelson, D.J. & Wallace, C.A., EGSD, Yukon Geoscience map 1998-9,10,11

FRONTEER DEVELOPMENT GROUP INC.

WERNECKE PROJECT
Glacier Lake Area
Geochemistry (Ni,Cu,Co)
Geology Compilation

Date:	MAR 2007	Scale:	1:20,000
UTM Zone	UTM 8 - NAD83	Mining District	Mayo
N.T.S.	106 C,D,E,F	Prov/Territory	Yukon

Figure 10b



2006 LITHOLOGY

Aplite		Lamprophyre	
Argillite		Limestone	
Homolithic Breccia	bhm	Mudstone	
Homolithic Breccia (dolomitic)	bhmc	Metasomatised Sediments	
Heterolithic Breccia	bhl	Phyllite	
Heterolithic/Homolithic Breccia	bhlm	Quartzite	
Chaotic Breccia	bhlx	Schist	
Heterolithic Breccia (platy)	bhlx(ptn)	Shale	
Basalt		Black Shale	
Chert		Slate	
Conglomerate		Siltstone	
Grey Dyke	dg	Siltstone/Mudstone	
Diorite		Sandstone	
Dolomite/Dolostone		Siltite	
Gabbro		Syenite	

ALTERATION

AB	Albite	GA	Garnet
AK	Ankerite	GR	Graphite
BA	Barite	HF	Hornfels
BI	Biotite	HE	(Earthy) Hematite
CA	Calcite	KF	Potassium feldspar
CB	Fe carbonate minerals	MN	Manganese oxides
CD	Chloritoid	MS/SE	Muscovite/Sericite
CL	Chlorite	NE	Neotocite
CY	Clay	QZ	Quartz
DI	Diopside	SC	Scapolite
DO	Dolomite	SD	Siderite
EP	Epidote	SI	Silica/silicification
FL	Feldspar	TA	Talc
FU	Flourite	TO	Tourmaline

MINERALIZATION

SULPHIDES		OXIDES, SULPHATES	
AS	Arsenopyrite	AZ	Azurite
BO	Bornite	BZ/BR	Brannerite
CC	Chalcocite	CU	Native copper
CO	Cobaltite	CuOX	Copper oxides
CP	Chalcopyrite	GO	Goethite
GA	Galena	HE	(Earthy) hematite
MO	Molybdenite	HS	Specular hematite/specularite
PY	Pyrite	JA	Jarosite
SP	Sphalerite	LI	Limonite
		MC	Malachite
		MG	Magnetite
		SO	Sulfate

MODIFIERS

QUALIFIERS		INTENSITIES	
btn	bedded-thin	i	intense
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bth	thickly bedded	m	moderate
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sh	shear	GRAIN SIZE	
flt	fault	fg	fine grained
OTHER		mg	medium grained
abdt	abundant	cg	coarse grained
W	with		

SYMBOLS

- Outcrop
- Bedding (inclined, vertical)
- Foliation (inclined, vertical)
- Fracturing (inclined, vertical)
- Faulting (inclined, vertical)
- Veining (inclined, vertical)
- Flow Foliation (inclined, vertical)
- Lithological contact (inferred)
- Fault, Thrust
- Rock sample (float, outcrop)
- Soil sample (grid, reconnaissance)
- Silt Sample (FJV, RGS)
- Drill hole
- Helicopter pad

Airborne Radiometrics
Uranium Contours

- >10 counts/second
- 9 counts/second
- 8 counts/second

Geochemistry Sampling

Wernecke Rocks U3O8 (%)	2006 Wernecke Soils Uranium (ppm)	Wernecke Area RGS Uranium (ppm)
> 98th percentile	> 98th percentile	> 98th percentile
95th percentile	95th percentile	95th percentile
90th percentile	90th percentile	90th percentile
80th percentile	80th percentile	80th percentile
< 80th percentile	< 80th percentile	< 80th percentile

Property Area Boundary
Competitor Area Boundary
Showing/Minfile Occurrence

1000 m

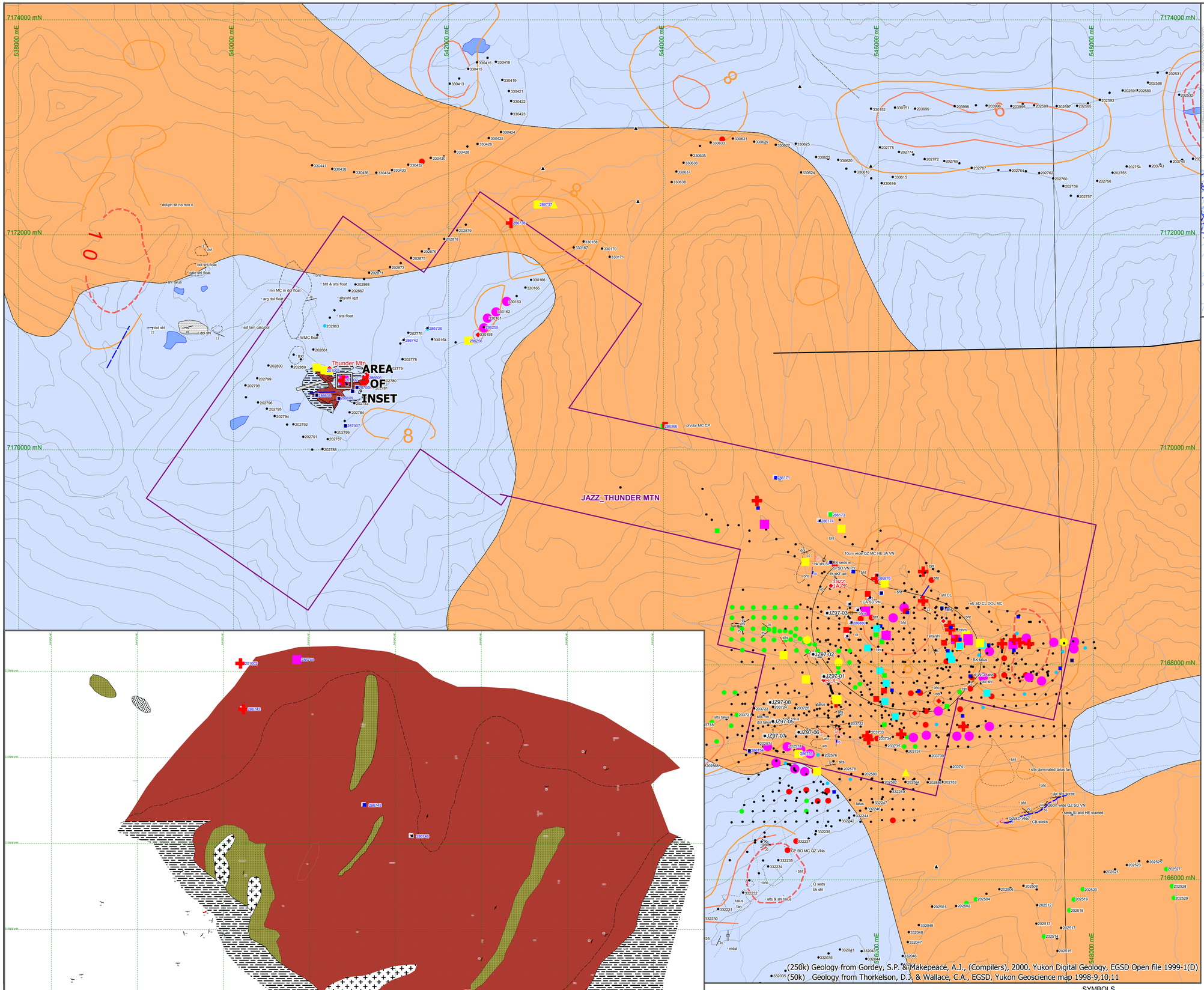
(250k) Geology from Gordey, S.P. & Makepeace, A.J., (Compilers), 2000: Yukon Digital Geology, EGSD Open file 1999-1(D)
(50k) *Geology from Thorkelson, D.J. & Wallace, C.A., EGSD, Yukon Geoscience map 1998-9,10,11

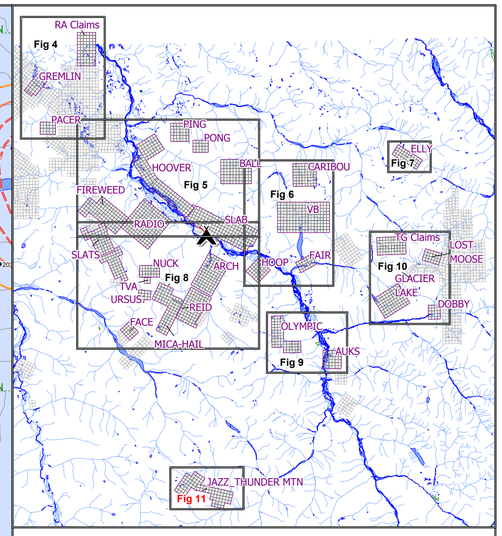
FRONTEER DEVELOPMENT GROUP INC.

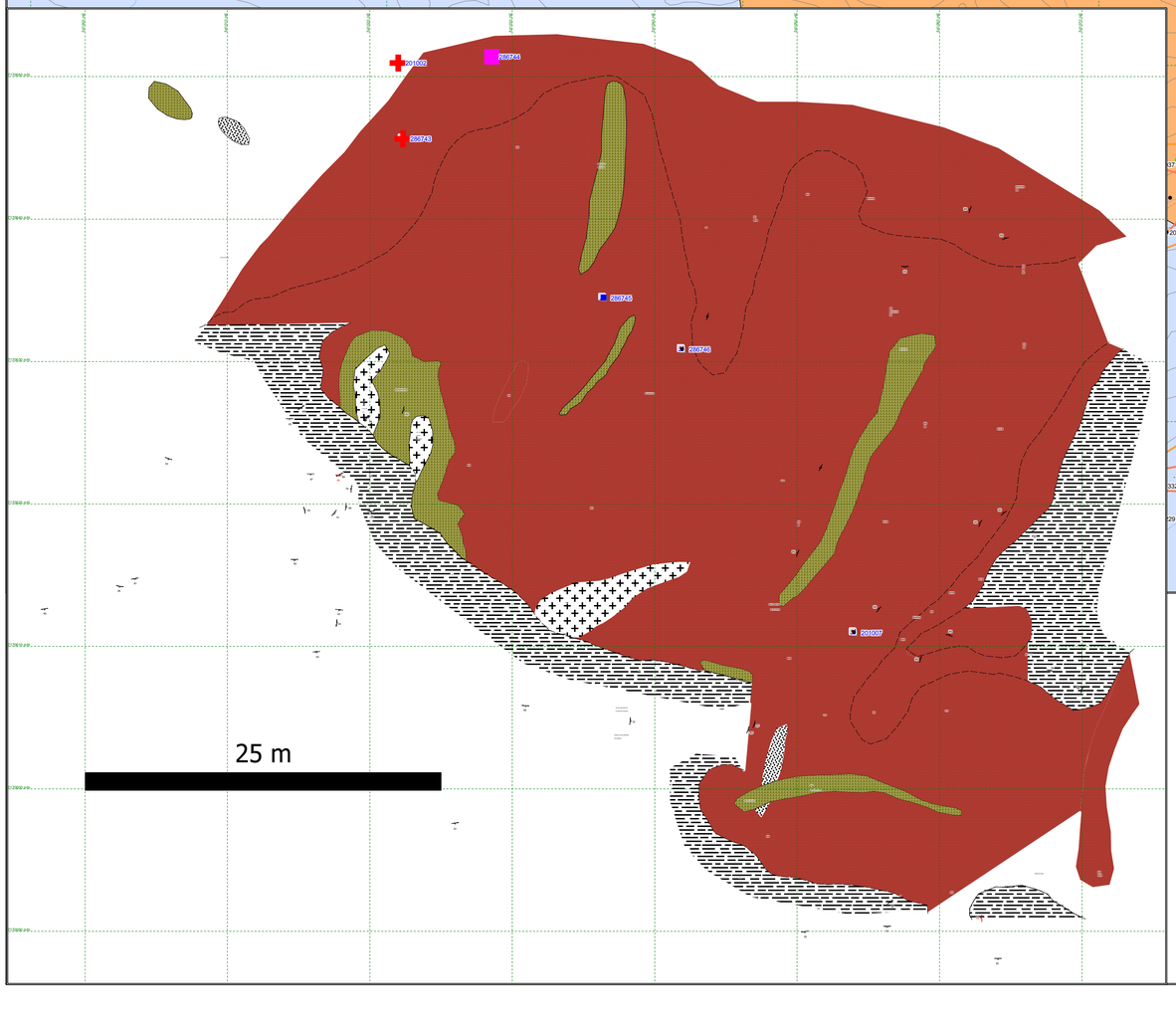
WERNECKE PROJECT
Glacier Lake Area
Geochemistry (Uranium)
Geology Compilation

Date:	MAR 2007	Scale:	1:20,000
UTM Zone:	UTM 8 - NAD83	Mining District:	Mayo
N.T.S.	106 C,D,E,F	State/Province:	Yukon

Figure 10c







(250k) Geology from Gordey, S.P. & Makepeace, A.J., (Compilers), 2000. Yukon Digital Geology, EGSD Open file 1999-1(D)
(50k) Geology from Thorkelson, D.J. & Wallace, C.A., EGSD, Yukon Geoscience map 1998-9,10,11

2006 LITHOLOGY

ap	Aplite	lmpp	Lamprophyre
arg	Argillite	ls	Limestone
bhm	Homolithic Breccia	mdst	Mudstone
bhmc	Homolithic Breccia (dolomitic)	mss	Metasomatised Sediments
bhl	Heterolithic Breccia	phy	Phyllite
bhlm	Heterolithic/Homolithic Breccia	qzt	Quartzite
bhlc	Chaotic Breccia	sch	Schist
PLATY bhl	Heterolithic Breccia (platy)	shl	Shale
bslt	Basalt	bshl	Black Shale
chrt	Chert	slt	Slate
cgl	Conglomerate	sltst	Siltstone
dy	Grey Dyke	sltsmdst	Siltstone/Mudstone
dr	Diorite	sst	Sandstone
dol	Dolomite/Dolostone	st	Siltite
gbro	Gabbro	syen	Syenite

ALTERATION

AB	Albite	GA	Garnet
AK	Ankerite	GR	Graphite
BA	Barite	HF	Hornfels
BI	Biotite	HE	(Earthy) Hematite
CA	Calcite	KF	Potassium feldspar
CB	Fe carbonate minerals	MN	Manganese oxides
CD	Chloritoid	MS/SE	Muscovite/Sericite
CL	Chlorite	NE	Neotocite
CY	Clay	QZ	Quartz
DI	Diopside	SC	Scapolite
DO	Dolomite	SD	Siderite
EP	Epidote	SI	Silica/silicification
FL	Feldspar	TA	Talc
FU	Flourite	TO	Tourmaline

MINERALIZATION

SULPHIDES		OXIDES, SULPHATES	
AS	Arsenopyrite	AZ	Azurite
BO	Bornite	BZ/BR	Brannerite
CC	Chalcocite	CU	Native copper
CO	Cobaltite	CuOX	Copper oxides
CP	Chalcopyrite	GO	Goethite
GA	Galena	HE	(Earthy) hematite
MO	Molybdenite	HS	Specular hematite/specularite
PY	Pyrite	JA	Jarosite
SP	Sphalerite	LI	Limonite
		MC	Malachite
		MG	Magnetite
		SO	Sulfate

MODIFIERS

QUALIFIERS		INTENSITIES	
btn	bedded-thin	i	intense
bmd	bedded-medium	s	strong
bth	thickly bedded	m	moderate
mas	massive	w	weak
lam	laminated	tr	trace
fis	fissile	COLOURS	
dol	dolomitic	gn	green
stm	stromatolite	bf	buff
frc	fractured	bk	black
bxd	brecciated	pk	pink
fld	folded	wh	white
mn	minor	gy	grey
sh	shear	GRAIN SIZE	
flt	fault	fg	fine grained
OTHER		mg	medium grained
abdt	abundant	cg	coarse grained
W	with		

Geochemistry Sampling

Coincident Anomaly	Gold (ppm)	Silver (ppm)	Moly (ppm)
ROCK SAMPLE > 90th Percentile			
SOIL SAMPLE > 95th Percentile			
SILT SAMPLE > 90th Percentile			

SYMBOLS

- Outcrop
- Bedding (inclined, vertical)
- Foliation (inclined, vertical)
- Fracturing (inclined, vertical)
- Faulting (inclined, vertical)
- Veining (inclined, vertical)
- Flow Foliation (inclined, vertical)
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- Silt Sample (FJV, RGS)
- Drill hole
- Helicopter pad

Airborne Radiometrics Uranium Contours

- >10 counts/second
- 9 counts/second
- 8 counts/second

1000 m

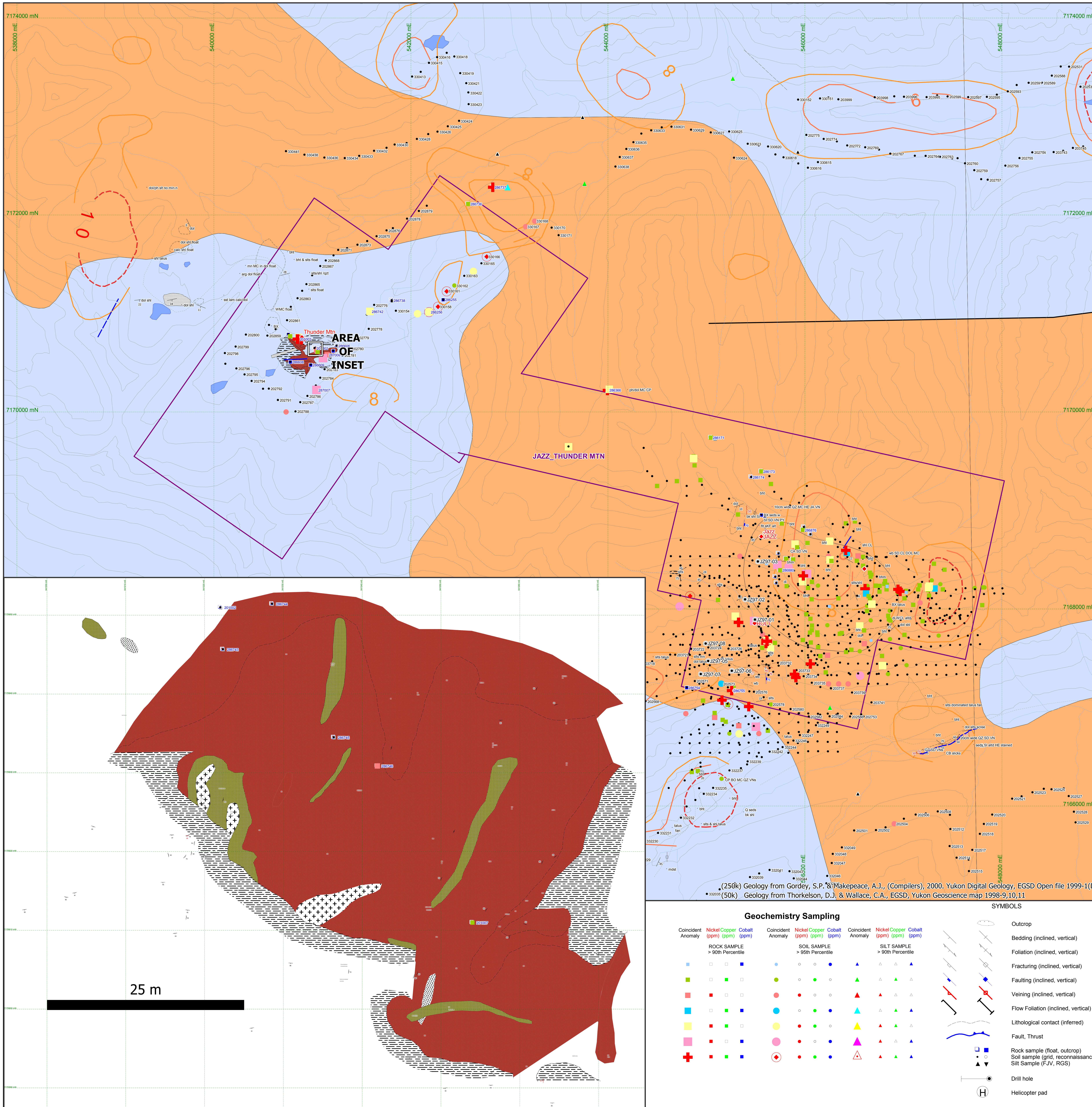
Property Area Boundary
Competitor Area Boundary
Showing/Minfile Occurrence

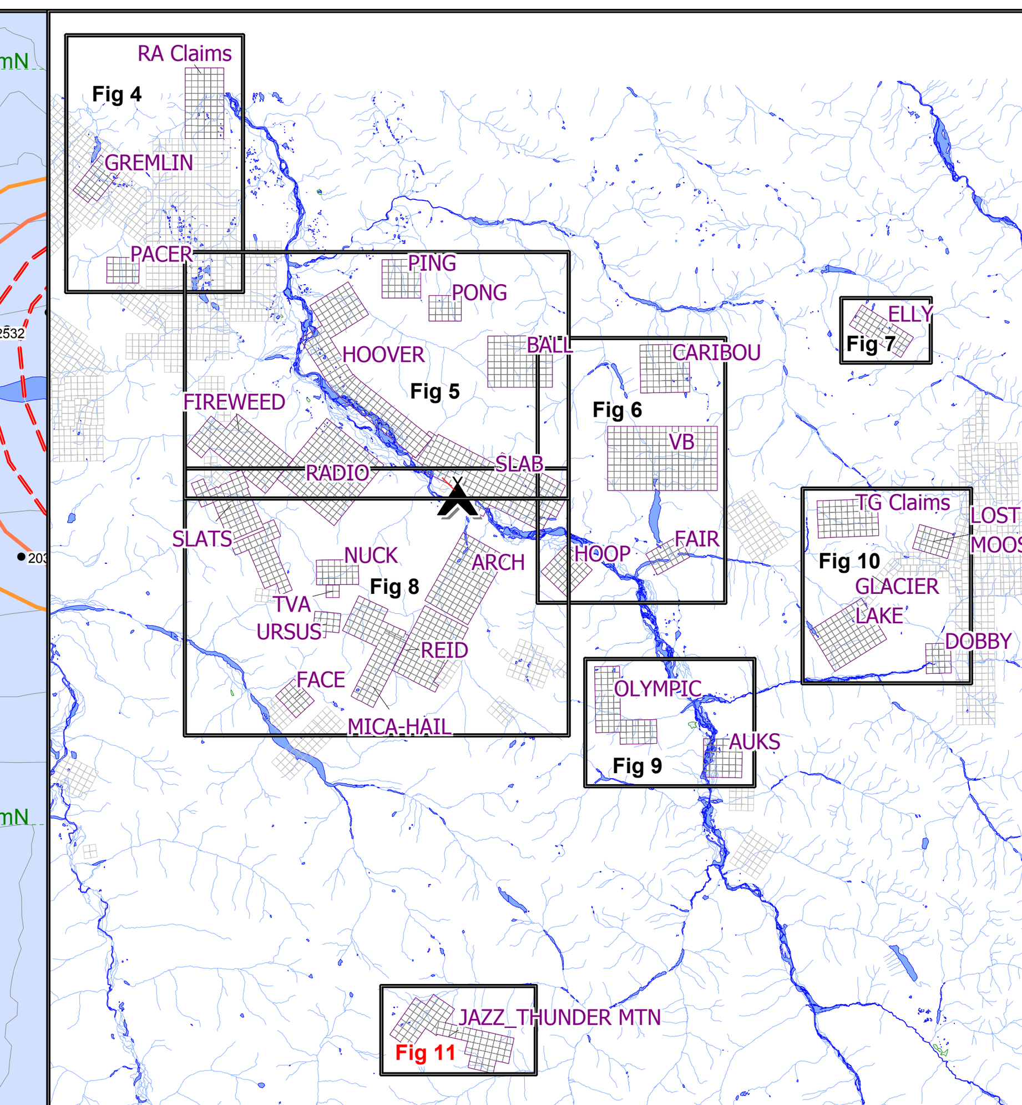
FRONTEER DEVELOPMENT GROUP INC.

WERNECKE PROJECT
Jazz/Thunder Mtn Area
Geochemistry (Au,Ag,Mo)
Geology Compilation

Date:	MAR 2007	Scale:	1:20,000
N.T.S.:	106 C,D,E,F	Mining District:	Mayo
		State/Province:	Yukon

Figure 11a





2006 LITHOLOGY

Code	Lithology	Code	Lithology
ap	Aplite	lamp	Lamprophyre
arg	Argillite	ls	Limestone
bhm	Homolithic Breccia	mdst	Mudstone
bhmc	Homolithic Breccia (dolomitic)	mts	Metasomatised Sediments
bht	Heterolithic Breccia	phl	Phyllite
bht,m	Heterolithic/Homolithic Breccia	qzt	Quartzite
bhtc	Chaotic Breccia	sch	Schist
PLATY bht	Heterolithic Breccia (platy)	shl	Shale
bs	Basalt	shl,bk	Black Shale
cht	Chert	slt	Slate
cngl	Conglomerate	slts	Siltstone
dg	Grey Dyke	slts/mdst	Siltstone/Mudstone
di	Diorite	sst	Sandstone
dol	Dolomite/Dolostone	stt	Siltite
gb	Gabbro	sy	Syenite

ALTERATION

AB	Albite	GA	Garnet
AK	Ankerite	GR	Graphite
BA	Barite	HF	Hornfels
BI	Biotite	HE	(Earthy) Hematite
CA	Calcite	KF	Potassium feldspar
CB	Fe carbonate minerals	MN	Manganese oxides
CD	Chloritoid	MS/SE	Muscovite/Sericite
CL	Chlorite	NE	Neotocite
CY	Clay	QZ	Quartz
DI	Diopside	SC	Scapolite
DO	Dolomite	SD	Siderite
EP	Epidote	SI	Silica/silicification
FL	Feldspar	TA	Talc
FU	Flourite	TO	Tourmaline

MINERALIZATION

SULPHIDES		OXIDES, SULPHATES	
AS	Arsenopyrite	AZ	Azurite
BO	Bornite	BZ/BR	Brannerite
CC	Chalcocite	CU	Native copper
CO	Cobaltite	CuOX	Copper oxides
CP	Chalcopyrite	GO	Goethite
GA	Galena	HE	(Earthy) hematite
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PY	Pyrite	JA	Jarosite
SP	Sphalerite	LI	Limonite
		MC	Malachite
		MG	Magnetite
		SO	Sulfate

MODIFIERS

QUALIFIERS		INTENSITIES	
btn	bedded-thin	i	intense
bmd	bedded-medium	s	strong
bth	thickly bedded	m	moderate
mas	massive	w	weak
lam	laminated	tr	trace
fis	fissile	COLOURS	
dol	dolomitic	gn	green
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mn	minor	gy	grey
sh	shear	GRAIN SIZE	
flt	fault	fg	fine grained
OTHER		mg	medium grained
abdt	abundant	cg	coarse grained
W	with		

Geochemistry Sampling

ROCK SAMPLE > 90th Percentile: Coincident Anomaly	Nickel (ppm)	Copper (ppm)	Cobalt (ppm)	SOIL SAMPLE > 95th Percentile: Coincident Anomaly	Nickel (ppm)	Copper (ppm)	Cobalt (ppm)	SILT SAMPLE > 90th Percentile: Coincident Anomaly	Nickel (ppm)	Copper (ppm)	Cobalt (ppm)

SYMBOLS

- Outcrop
- Bedding (inclined, vertical)
- Foliation (inclined, vertical)
- Fracturing (inclined, vertical)
- Faulting (inclined, vertical)
- Veining (inclined, vertical)
- Flow Foliation (inclined, vertical)
- Lithological contact (inferred)
- Fault, Thrust
- Rock sample (float, outcrop)
- Soil sample (grid, reconnaissance)
- Silt Sample (FJV, RGS)
- Drill hole
- Helicopter pad

Airborne Radiometrics Uranium Contours

- >10 counts/second
- 9 counts/second
- 8 counts/second

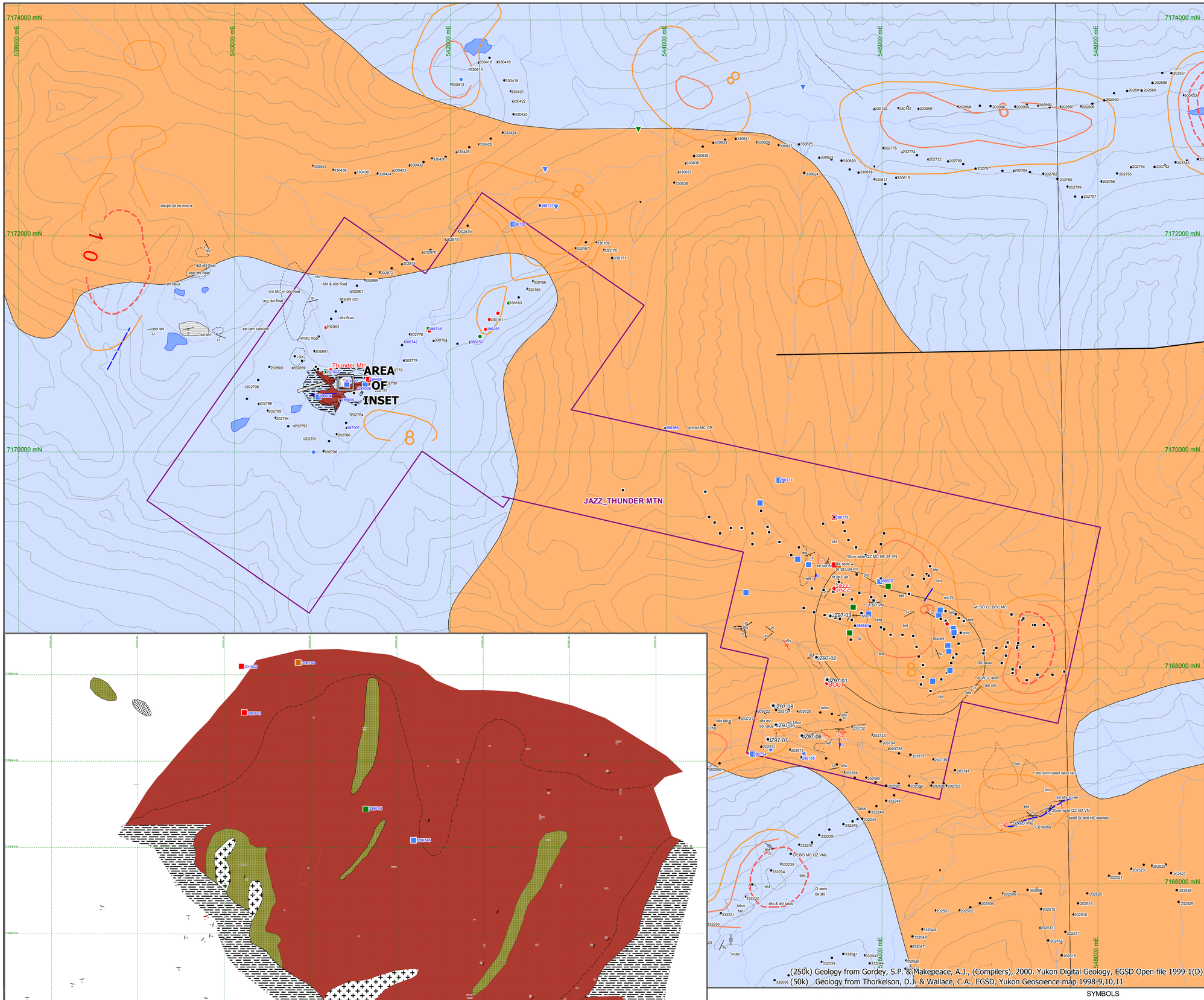
1000 m

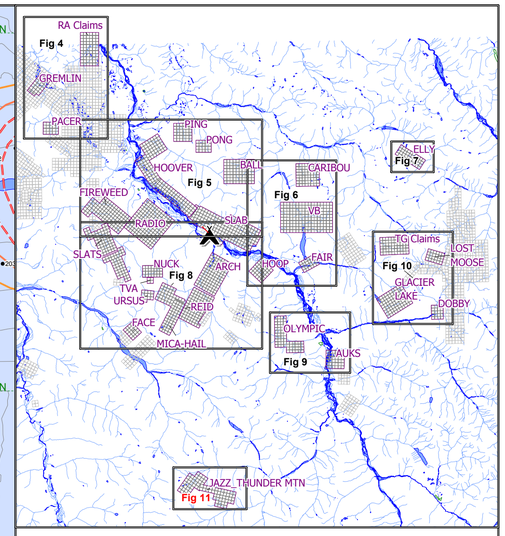
Property Area Boundary
Competitor Area Boundary
Showing/Minfile Occurrence

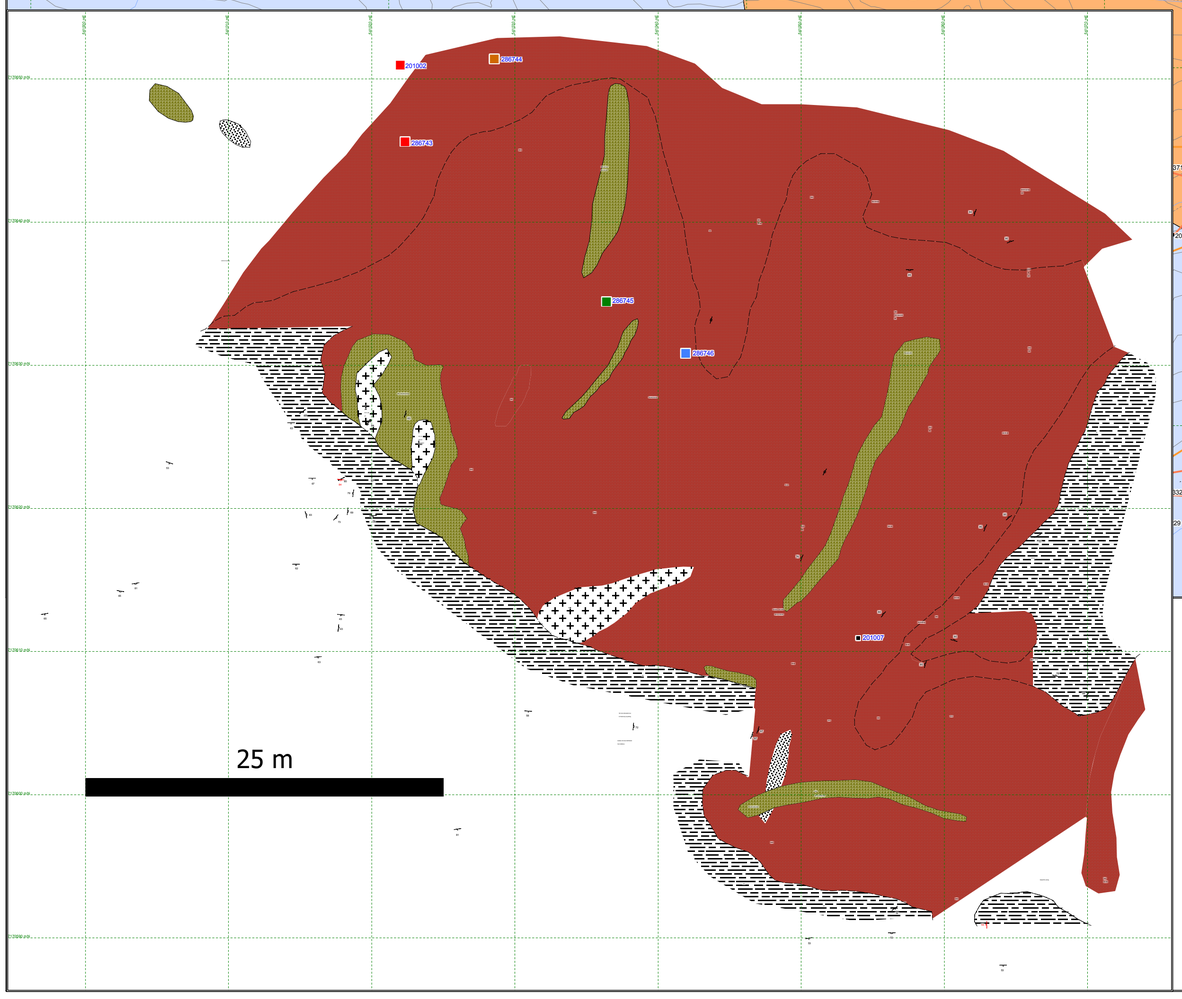
FRONTEER DEVELOPMENT GROUP INC.

WERNECKE PROJECT
Jazz/Thunder Mtn Area
Geochemistry (Ni,Cu,Co)
Geology Compilation

Date: MAR 2007	Scale: 1:20,000	Figure
U.T.M. Zone: UTM 8 - NAD83	Mining District: Mayo	
N.T.S.: 106 C,D,E,F	State/Province: Yukon	11b







2006 LITHOLOGY

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dgy	Grey Dyke	slts/mdst	Siltstone/Mudstone
dio	Diorite	ss	Sandstone
dol	Dolomite/Dolostone	stl	Siltite
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abdt	abundant	cg	coarse grained
W	with		

Geochemistry Sampling

Wernecke Rocks U3O8 (%)	2006 Wernecke Soils Uranium (ppm)	Wernecke Area RGS Uranium (ppm)
> 98th percentile	> 98th percentile	> 98th percentile
95th percentile	95th percentile	95th percentile
90th percentile	90th percentile	90th percentile
80th percentile	80th percentile	80th percentile
< 80th percentile	< 80th percentile	< 80th percentile

SYMBOLS

- Outcrop
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- >10 counts/second
- 9 counts/second
- 8 counts/second

1000 m

Property Area Boundary
Competitor Area Boundary
Showing/Minfile Occurrence

FRONTEER DEVELOPMENT GROUP INC.

WERNECKE PROJECT
Jazz/Thunder Mtn Area
Geochemistry (Uranium)
Geology Compilation

Date:	MAR 2007	Scale:	1:20,000	Figure	
N.T.S.	106 C,D,E,F	Mining District	Mayo		11c
		State/Province	Yukon		

GEOTECH