MAP NO: 115O/14, 116B/3

ASSESSMENT REPORT: X

DOCUMENT NO: 093319

PROSPECTUS:

MINING DISTRICT: Dawson

CONFIDENTIAL: X

TYPE OF WORK: Geology, geophysics, Diamond drilling

OPEN FILE:

REPORT FILED UNDER: Kennecott Canada Inc.

DATE PERFORMED: April 14-October 7, 1994

DATE FILED: August 2, 1995

LATITUDE: 64 00

AREA: 80 Pup

LONGITUDE: 139 10

VALUE: $53750

CLAIM NAME AND #: Dawson 141-180, Mike 2,4

WORK DONE BY: R. Cranswick, S. de Wit, A. Vary

WORK DONE FOR: Kennecott Canada Inc.

DATE TO GOOD STANDING	

REMARKS: 62.6 line km of E-SCAN tomographic resistivity survey and a ground magnetic survey were completed. Resistivity and magnetic targets were tested with a 5 hole 1,156m diamond drilling program. Only one gold-bearing intersection was encountered assaying 0.86 g/T Au over 0.4 meters in brecciated, silicified magnetite-hematite-mariposite veined marble.

1994 ANNUAL REPORT

ON THE

80 PUP PROJECT

DAWSON MINING DISTRICT, YUKON TERRITORY

NTS 115 O/14, 116 B/3

Latitude 64°00'N
Longitude 139°10'W

Work conducted: April 14 - October 7, 1994

OPERATOR:
KENNECOTT CANADA INC.
354 - 200 Granville Street
Vancouver, B.C.
V6C 1S4

Prepared by: R. Cranswick
S. de Wit
A. Vary

July 27, 1995

SUMMARY

In 1993 a review of helicopter geophysical data covering the northern portion of the Klondike placer gold camp identified the 80 Pup property as prospective for intrusive-associated bulk tonnage gold deposits. Previously untested magnetic anomalies possibly attributable to intrusions lay on the property beneath a thick cover of Pleistocene White Channel Gravel.

The 1994 exploration program commenced with preparation of a 62.6 line km grid over the property. An E-SCAN tomographic resistivity survey and a ground magnetic survey were then completed over the grid with the objective of mapping intrusions and alteration beneath the cover of White Channel Gravel. Resistivity and magnetic targets identified by these surveys were tested with a five hole, 1,156 m diamond drilling program.

Results from the drilling program were extremely poor, with only one narrow gold-bearing interval reported from the five holes (0.86 g/t gold over 0.4 m). Results demonstrated beyond reasonable doubt that no mineralized intrusions occur on the 80 Pup property and that the bulk tonnage gold potential of the claims is low. On the basis of the disappointing results of the 1994 exploration program, the option to explore the 80 Pup property was terminated on July 11, 1995.

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APPENDICES

1.0 INTRODUCTION

This report documents a program of prospecting, geological mapping, placer drain sampling, line cutting, E-scan resistivity surveying, ground magnetic surveying and diamond drilling conducted in 1994 on the 80 Pup property in central Yukon.

2.0 LOCATION, ACCESS AND TOPOGRAPHY

The 80 Pup property is located approximately 15km southeast of Dawson City at latitude 64°00' N , longitude 139°10' W (Figure 1). The property is accessed from the unsealed Hunker Creek road by four-wheel-drive tracks that follow the Last Chance Creek, 80-Pup and Hester Creek valleys. Heavy vehicle trails provide access to placer mining operations on Preido Hill and Paradise Hill.

The 80 Pup property is situated within the Klondike Plateau. Gentle rolling hills predominate and relief is moderate. Elevations range from 400m in the valley of Hunker Creek to 800m on ridges. Natural outcrop exposures are uncommon and are largely confined to ridges. Frost heave is common on north facing slopes and provides displaced bedrock material for sampling. The central part of the property is covered by a thick bench of White Channel Gravel that is presently being exploited by large scale mechanized placer mining.

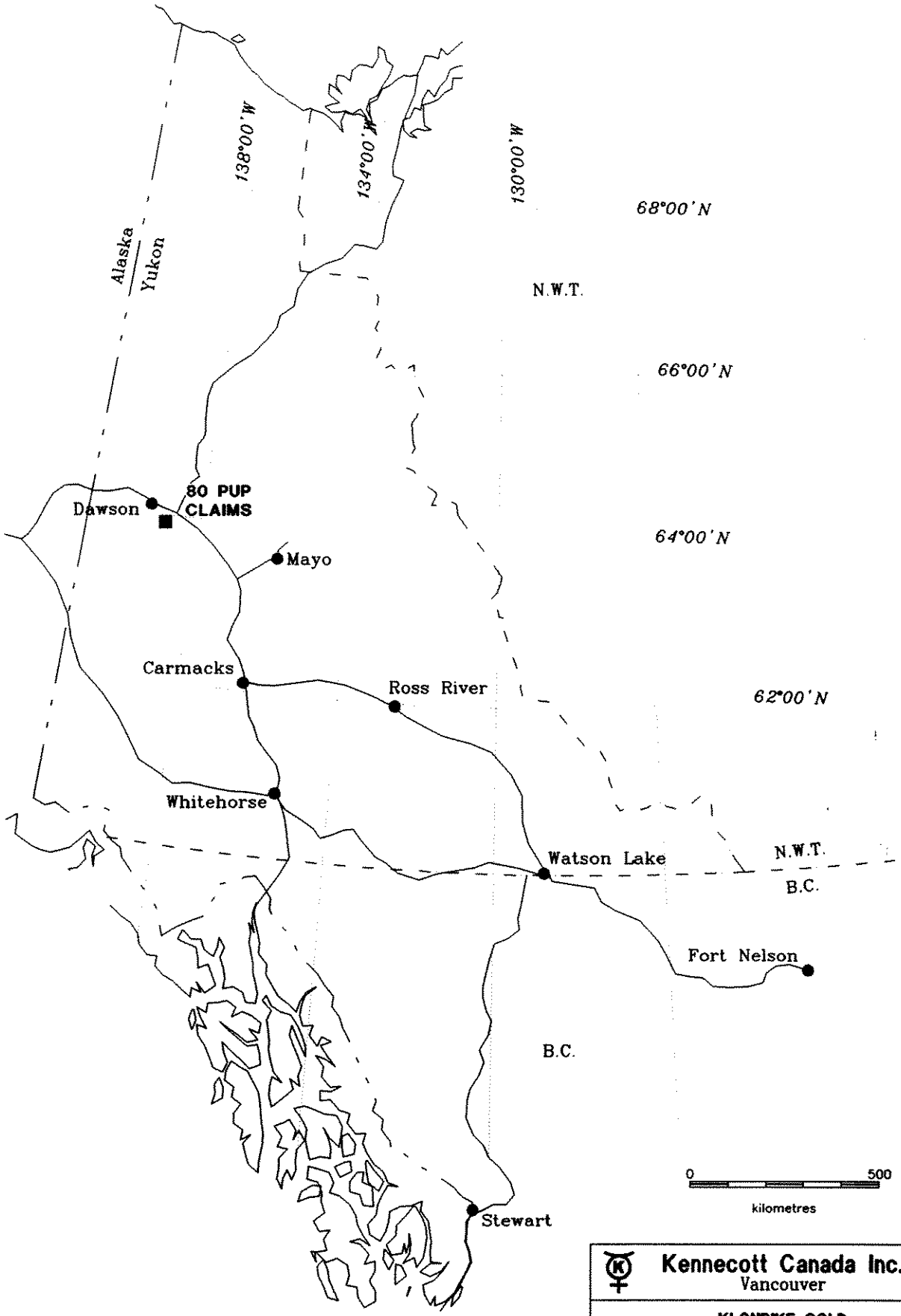
3.0 PROPERTY STATUS

The 80 Pup property is located within the Dawson Mining District of Yukon Territory. The property comprises 42 Quartz claims covering approximately 1,050 hectares (Figure 2). A list of claims, with ownership and anniversary dates, is provided in Table 1. The 80 Pup option agreement between Kennecott and property owners Arbor Resources Inc. Sultan Minerals Inc. and Marlowe Harvey/437821 B.C. Ltd. was signed by all parties in early August, 1994. The agreement allowed Kennecott to earn a 55% interest in the property through exploration expenditures totalling $1M by December 31, 1996.

4.0 REGIONAL GEOLOGY

4.1 TECTONIC ENVIRONMENT

The Klondike district is located on the northeastern edge of the Paleozoic Yukon-Tanana tectonostratigraphic terrane (Mortensen, 1990; Figure 3). This allochthonous terrane is separated from thrust-stacked parautochthonous rocks of the North American miogeocline by the Tintina Fault Zone, a major suture which has accommodated relative movement



Kennecott Canada Inc.
Vancouver

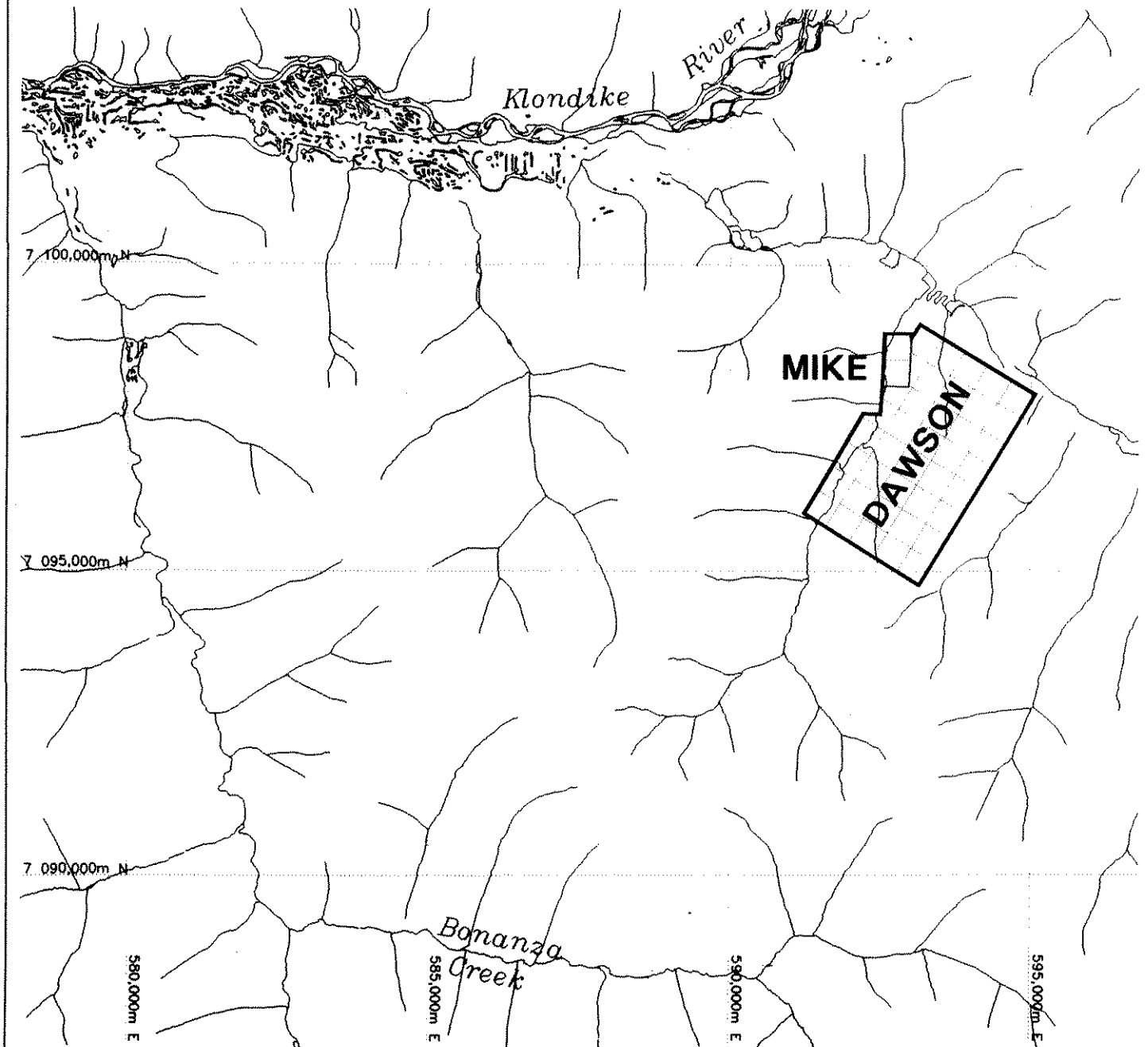
KLONDIKE GOLD

PROPERTY LOCATION

YUKON, CANADA

Date: 26/07/95	Author:	Figure 1
File: YUKLOC	PS: 1 = 15	

MJD



N

scale 1:100,000

0 5,000

metres

Kennecott Canada Inc.
Vancouver

KLONDIKE GOLD

80 PUP AREA CLAIMS

YUKON, CANADA

Date:	26/07/95	Author:	SDW
File:	4PUPCLM	PS:	1 = 1

Figure 2

Table 1 - LIST OF CLAIMS

OPTIONEE 1 OWNER	OPTIONEE 2	OWNER 1	OWNER 2	CLAIM NAME	TYPE	NUMBER	ANIVERSARY YYYY	MMDD
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 141	QUARTZ	YA79423	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 142	QUARTZ	YA79424	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 143	QUARTZ	YA79425	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 144	QUARTZ	YA79426	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 145	QUARTZ	YA79427	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 146	QUARTZ	YA79428	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 147	QUARTZ	YA79429	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 148	QUARTZ	YA79430	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 149	QUARTZ	YA79431	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 150	QUARTZ	YA79432	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 151	QUARTZ	YA79433	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 152	QUARTZ	YA79434	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 153	QUARTZ	YA79435	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 154	QUARTZ	YA79436	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 155	QUARTZ	YA79437	1998	1031
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 156	QUARTZ	YA79438	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 157	QUARTZ	YA79439	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 158	QUARTZ	YA79440	1998	1021
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M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 163	QUARTZ	YA79445	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 164	QUARTZ	YA79446	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 165	QUARTZ	YA79447	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 166	QUARTZ	YA79448	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 167	QUARTZ	YA79449	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 168	QUARTZ	YA79450	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 169	QUARTZ	YA79451	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 170	QUARTZ	YA79452	1998	1021
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M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 175	QUARTZ	YA79457	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 176	QUARTZ	YA79458	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 177	QUARTZ	YA79459	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 178	QUARTZ	YA79460	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 179	QUARTZ	YA79461	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	DAWSON 180	QUARTZ	YA79462	1998	1021
M.HARVEY	KENNECOTT	ARBOR	SULTAN	MIKE 2	QUARTZ	YB17462	1998	1231
M.HARVEY	KENNECOTT	ARBOR	SULTAN	MIKE 4	QUARTZ	YB17465	1998	1231

between the two crustal blocks. Initial docking of the Yukon-Tanana terrane with the North American continental margin probably occurred in Early to Middle Jurassic times (Mortensen, pers. comm., 1994). Docking was accompanied by obduction of interposed oceanic lithosphere, now represented by ophiolitic rocks of the Slide Mountain terrane.

Major relative movement between the Yukon-Tanana terrane and the North American continental margin occurred in Late Paleogene and Neogene times (Mortensen, pers. comm., 1994). A net dextral strike-slip displacement of 450km was originally suggested by Templeman-Kluit (1974) and this estimate is still endorsed by most workers. Strike-slip movement along Tintina Fault Zone appears to have been immediately preceded by an episode of bimodal basalt and topaz rhyolite volcanism. Products of this Paleocene - Eocene magmatic event are present in both the Klondike district and the Grew Creek area 400km to the southeast.

4.2 STRATIGRAPHY

Brief descriptions of rock units found in the vicinity of the property are provided below, using the tectonostratigraphic nomenclature of Mortensen (1990) and the original stratigraphic nomenclature of McConnell (1905). Units are grouped into the Yukon-Tanana terrane, the Slide Mountain terrane and a post-accretion overlap assemblage (Figure 3). Units within each group have been described in what is believed to be the order of diminishing age.

4.2.1 Yukon-Tanana Terrane

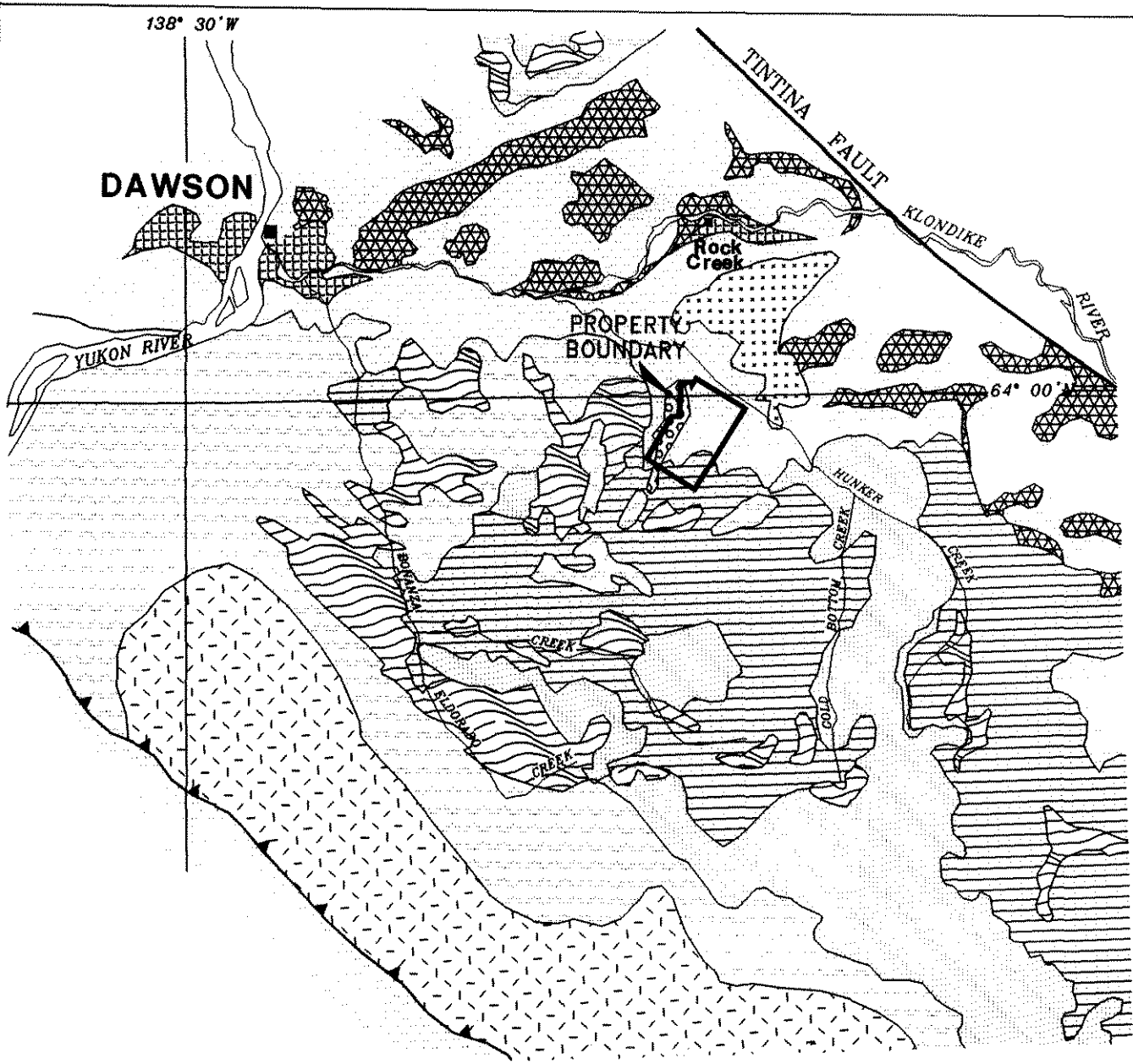
The Yukon-Tanana terrane is an assemblage of tectonically interleaved Paleozoic rock units. Mortensen (1990) has outlined three thrust-stacked assemblages within the terrane, two of which occur in the vicinity of the 80 Pup property. One of these assemblages equates to the Nasina Series of McConnell (1905), the other to McConnell's (ibid.) Klondike Series.

Nasina Series

This unit is comprised largely of medium to dark grey carbonaceous quartz-muscovite schist and carbonaceous metaquartzite. Thin horizons of medium to dark grey marble occur locally. Recent U-Pb zircon dating indicates a Devono-Mississippian age for the unit (Mortensen, pers. comm., 1994). Protoliths were predominantly carbonaceous siliciclastic sedimentary rocks.

Klondike Series

Several lithostratigraphic units have been identified within the Klondike Series. The lowest



OVERLAP ASSEMBLAGE
- quartz–feldspar porphyry
- volcanics and epiclastics

SLIDE MOUNTAIN TERRANE
MOOSEHIDE GROUP
- greenstone
- serpentinite

YUKON–TANANA TERRANE
KLONDIKE SERIES
- felsic schist
- quartz–augen schist
- micaceous quartzite
- chloritic schist

PELLY GNEISS
- quartz monzonitic orthogneiss

NASINA SERIES
- carbonaceous quartz–muscovite schist

N

scale 1:250,000

0 10

kilometres

MJD

Kennecott Canada Inc.
Vancouver

KLONDIKE GOLD

80 PUP AREA REGIONAL GEOLOGY

YUKON, CANADA

Date:	26/07/95	Author:	AD
File:	KLGRGEO	PS:	1 = 250

Figure 3

stratigraphic unit is comprised of quartz-chlorite-actinolite schist and associated metadiabase. Protoliths were probably mafic to intermediate volcanics and consanguineous sub-volcanic intrusions. This unit grades upward into micaceous and chloritic metaquartzite, which represents a terrigenous clastic sequence containing a minor component of mafic to intermediate volcanic lithogenous material. Cross-cutting these two units is a quartz-feldspar augen schist (Mortensen, 1990). Work by McConnell (1905), Metcalfe (1981) and Mortensen (1990) suggests that this rock type constitutes a deformed quartz-feldspar porphyry. Felsic schist overlies the quartz-feldspar augen schist and may be its extrusive equivalent (Mortensen, 1990). The felsic schist unit, which is thin and recessively weathering, includes a minor component of carbonaceous quartz-muscovite schist and contains small occurrences of possible volcanogenic massive sulphide mineralisation. The protolith may have been a felsic tuff (Mortensen, 1990). Recent U-Pb zircon dating by Mortensen (ibid.) indicates a Mid-Permian age for the Klondike Series, identical to the age deduced for the Pelly Gneiss.

4.2.2 Slide Mountain Terrane

The rocks of the Slide Mountain terrane are Paleozoic in age and comprise greenstone and serpentinite. They occur as tectonic slices caught up in regional structures and form discontinuous lenses and slabs ranging from less than 1m to 150m thick (Mortensen, 1990). The rocks equate to the Moosehide Group of McConnell (1905). The greenstones consist of seafloor-altered pyroxene-phyric basalt, fine grained mafic tuff, diabase and minor gabbro. Greenstones form substantial tectonic bodies which are well exposed along the Klondike Highway immediately east of Dawson. Serpentinite is found as smaller, sheared and carbonate-altered tectonic slivers, sometimes wholly enclosed within Nasina Series rocks.

4.2.3 Overlap Assemblage

The younger, post-accretion rock units include volcanics, volcanogenic sediments and intrusions of Late Cretaceous to Paleogene age. As the volcanics and volcanogenic sediments occur only locally, they may be preserved within down-dropped fault blocks or in subsidence structures related to volcanism and intrusion.

Massive andesite flows and sills are interbedded with thinly-bedded epiclastics and tuffs along Last Chance Creek (Mortensen, 1990; Debicki, 1984). A Late Cretaceous age for these rocks has been suggested by Mortensen (1990) on the basis of regional lithostratigraphic correlation with Carmacks Group volcanics in the Sixty Mile area.

A fine to medium grained equigranular hornblende-biotite granodiorite crops out in Hunker Creek 1km upstream of the mouth of Gold Bottom Creek. Debicki (pers. comm. to J.K. Mortensen, 1985) reports a Paleocene K-Ar age for this intrusion, which may be genetically related to the Last Chance Creek volcanics.

Well-bedded felsic lapilli tuff and coarse volcanic breccia containing quartz-feldspar porphyry and country rock lithic fragments are mapped along Germaine Creek, immediately adjacent to the Tintina Fault Zone (Mortensen, 1990). These rocks are correlated lithostratigraphically with Eocene volcanics found in the Grew Creek area 400 km to the southeast.

Quartz-feldspar porphyry occurs as a large intrusive body north of Hunker Creek. Debicki (pers. comm. to J.K. Mortensen, 1985) reports an Eocene K-Ar age for this intrusion. The rock is presumably the intrusive equivalent of the felsic lapilli tuff. Small bodies of brown-weathering plagioclase, hornblende and/or pyroxene-phyric mafic porphyry, diabase and rare olivine gabbro are closely associated with the quartz-feldspar porphyry (Mortensen, 1990).

A bimodal suite of dykes occurs throughout the Klondike district as thin composite or single phase intrusions. Field relations suggest that the composite dykes formed by initial intrusion of a mafic phase and subsequent intrusion of a felsic phase. Felsic dykes "split" earlier mafic ones, suggesting incomplete cooling of the mafic dykes at the time of felsic dyke intrusion. The relationship between the bimodal dyke suite and the quartz-feldspar porphyry intrusion is uncertain, though both have returned Eocene K-Ar ages (Mortensen, pers. comm., 1994).

5.0 PREVIOUS WORK

The Klondike placer gold camp has produced over 12 million crude ounces of gold since George Carmack's discovery of gold on Bonanza Creek in 1896. Though the area covered by the 80 Pup property has been explored sporadically for lode gold since the turn of the century, no hard rock gold occurrences have been found.

Recognizing the potential for lode gold in the Klondike camp, William Dawson conducted a photogrammetric survey of the district in 1983. Following this survey, ground was staked along Hunker Creek to cover areas thought to be favourable for lode gold targets.

In the spring of 1984, a fixed-wing electromagnetic and magnetic survey was flown over the property. Reconnaissance soil sampling was conducted along claim lines and reconnaissance stream sediment and heavy mineral concentrate sampling was conducted along Hester Creek and Last Chance Creek.

Following receipt of results for the airborne geophysical survey, grids were established to cover geophysical and geochemical anomalies on the property (Grunenberg & Gonzalez, 1987).

Three drill holes tested magnetic anomalies near exposures of "epithermal mineralization" in the fall and winter of 1986-87. No anomalous gold assays were reported from the drilling, though elevated arsenic values were reported to be associated with the hydrothermal alteration (Grunenberg & Gonzalez, 1987). In conjunction with the drilling program, a helicopter- supported combined airborne magnetic, electromagnetic and VLF survey was conducted over the property (Geonex Aerodat Limited, 1987a,b,c).

In 1990, IP and magnetic surveys were conducted on the Dawson claims along the west side of Hester Creek. Two closely spaced resistivity lows, interpreted to represent zones of epithermal alteration, were identified (Mark, 1991).

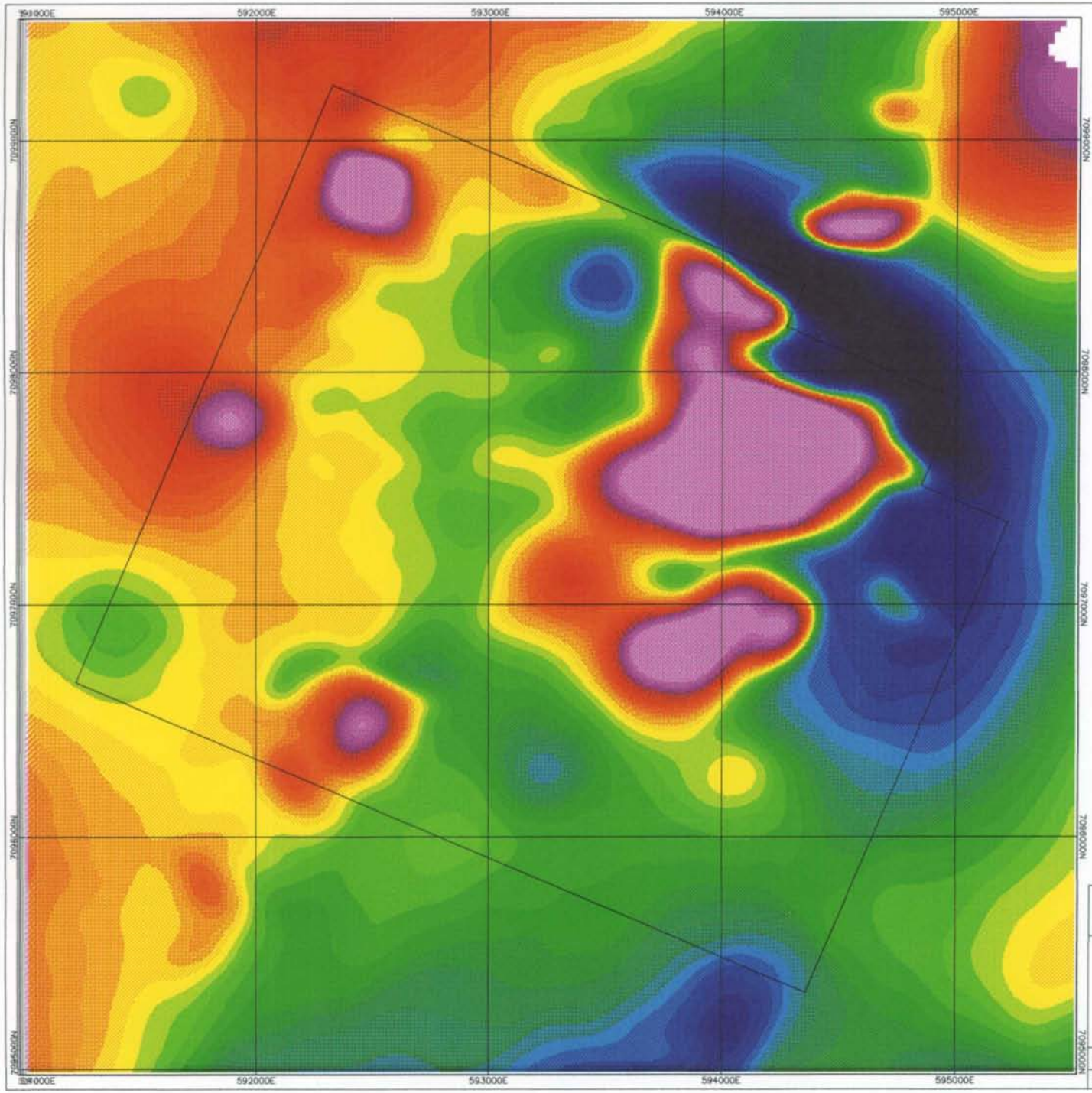
Under the terms of a letter agreement with Arbor Resources Inc., Sultan Minerals Inc. and Marlowe Harvey /437821 B.C., Kennecott commenced work on the 80 Pup property in 1993. The 1993 program consisted of detailed mapping and sampling of old trenches as well as prospecting, GPS surveying and reprocessing of 1987 helicopter geophysics (Kennecott Canada Inc., 1993). The 1993 program identified several geophysical targets for investigation during the 1994 program.

6.0 1994 EXPLORATION PROGRAM

6.1 TARGET GENERATION

Re-processing of helicopter geophysical data covering the Klondike Gold, Lone Star and 80 Pup properties was completed in 1993 (Figures 4,5). An easterly striking regional magnetic high underlying the northern part of the Klondike district was interpreted as reflecting a buried batholithic intrusion. Smaller, sharper magnetic anomalies located at the eastern end of the regional magnetic high and lying on or adjacent to the 80 Pup property were interpreted as high level intrusions emanating from the batholith. An elliptical, 6km by 4km magnetically quiet area surrounding the magnetic anomalies was identified as a coeval collapse caldera controlling preservation of the Carmacks Group volcanics mapped in lower Last Chance Creek.

The magnetic anomalies on the 80 Pup property were targeted as potential intrusive sources for the placer gold found within overlying White Channel Gravel. As the targets were obscured by the White Channel Gravel deposits, no surface expression of the targets was anticipated. The 1994 field program therefore comprised target delineation using ground geophysics and follow-up drill testing.



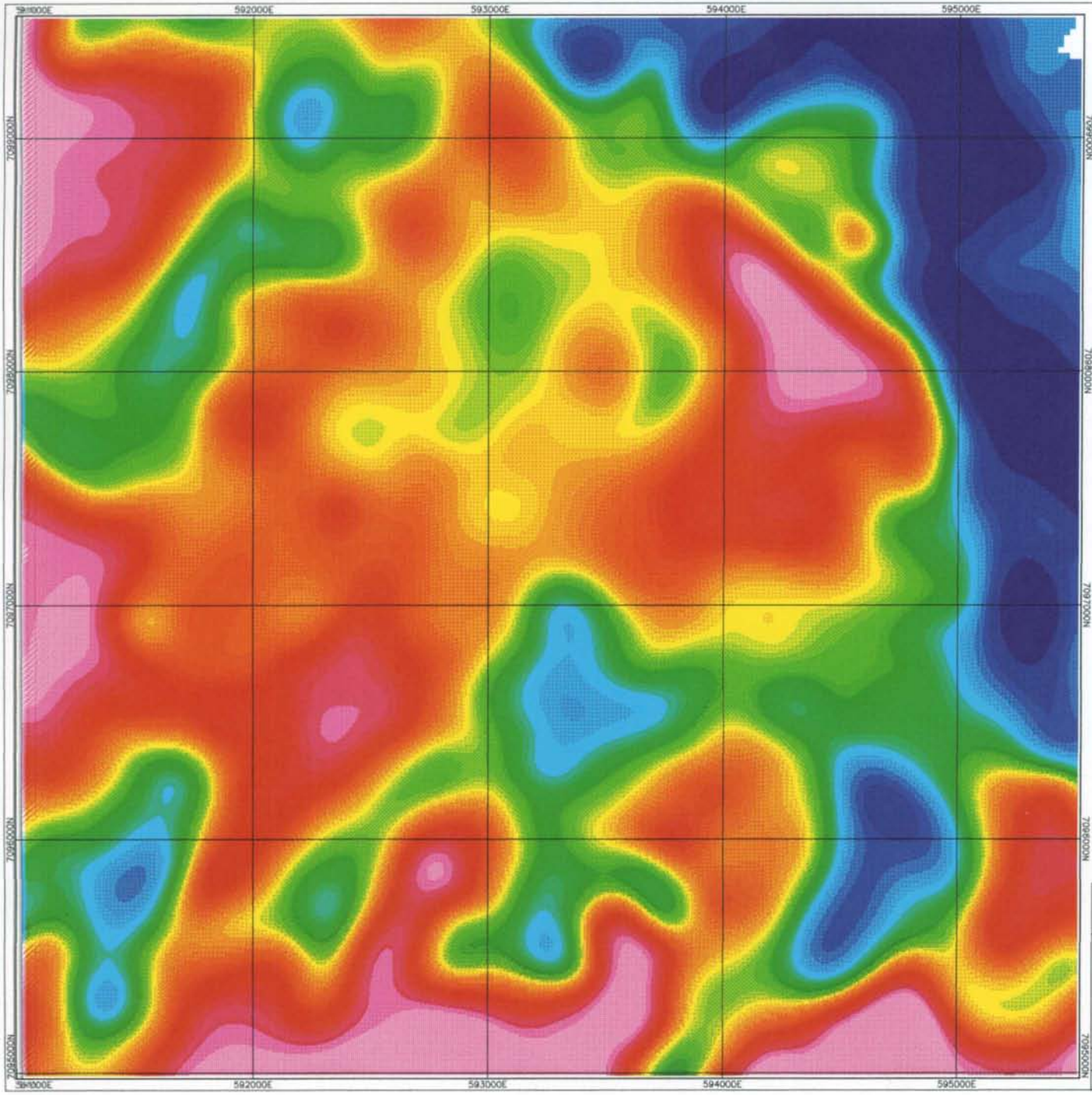
Kennecott Canada Inc.
Vancouver

80 PUP

HELICOPTER MAGNETICS

YUKON, CANADA

Date: 05\12\94	Author:	Figure 4
File: TF80PUP	PS:	

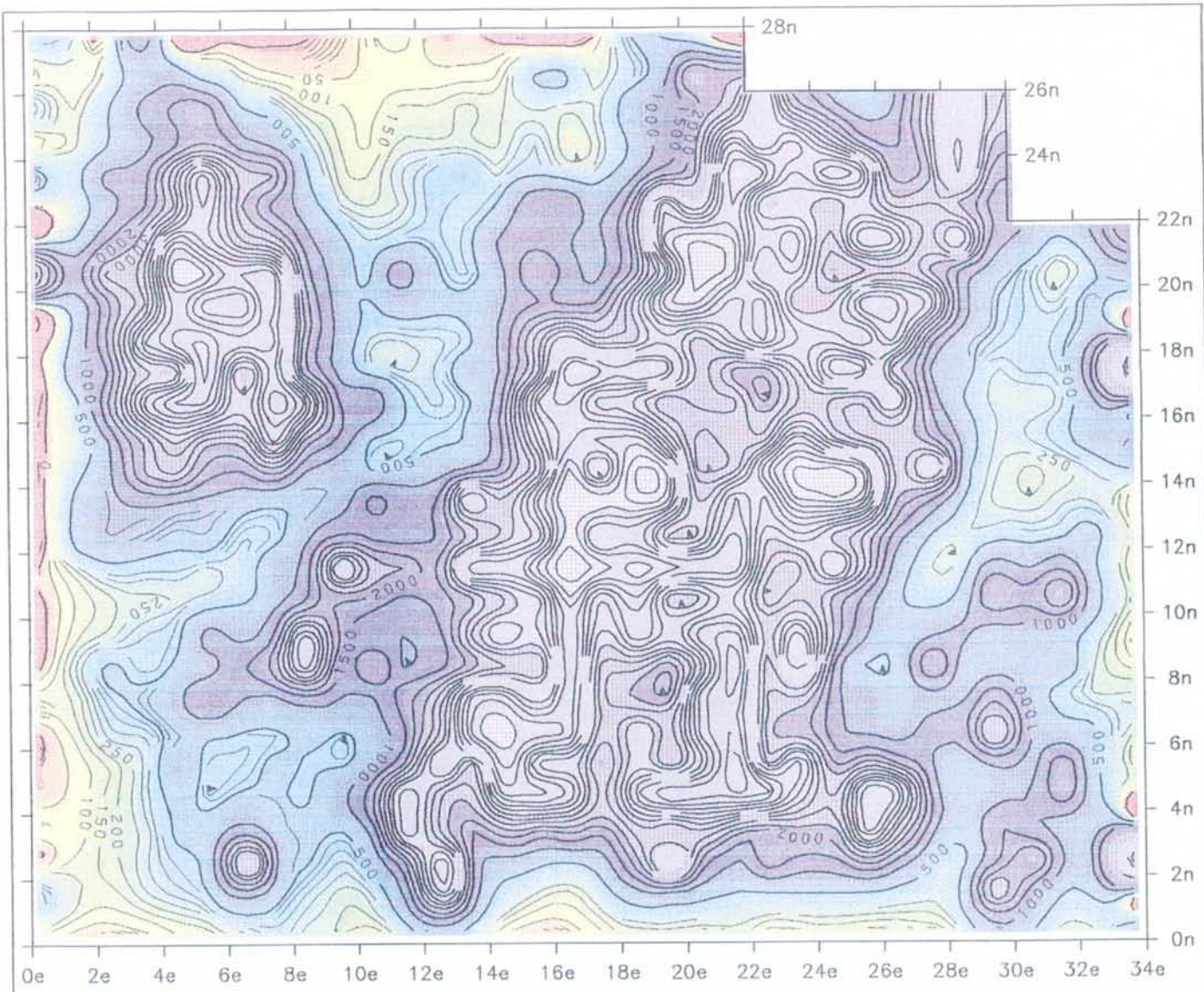


Kennecott Canada Inc.
Vancouver

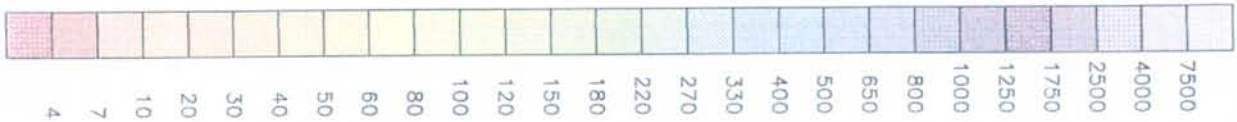
80 PUP

HELICOPTER RESISTIVITY
(4175 Hz)
YUKON, CANADA

Date: 08\11\94	Author:	Figure 5
File: RES4175	PS:	



PLAN VIEW 0-30m BELOW SURFACE



True Resistivity (ohm-metres)

PROCESSING HISTORY: DATA SET DAWa

DATA VERIFICATION

- SHOOT LOG CORRECTIONS
- DUPLICATES AVERAGED
- CO-ORDINATES VERIFIED
- CCP POTENTIAL FIELDS: HARDCOPY
  DATA CULL: MANUAL
  REPLACE CULLS: NO
- TOPOGRAPHY: YES

INVERSION PROCESS

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  YMIN=10000 YMAX=12200
  2: #942006b 48it
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  YMIN=10600 YMAX=12800
  XCELL=100 YCELL=100
  u=0.05 e=0.05
  BEG. MODEL: Rho0=15
  DIRECTORY: \HOME\DAWA

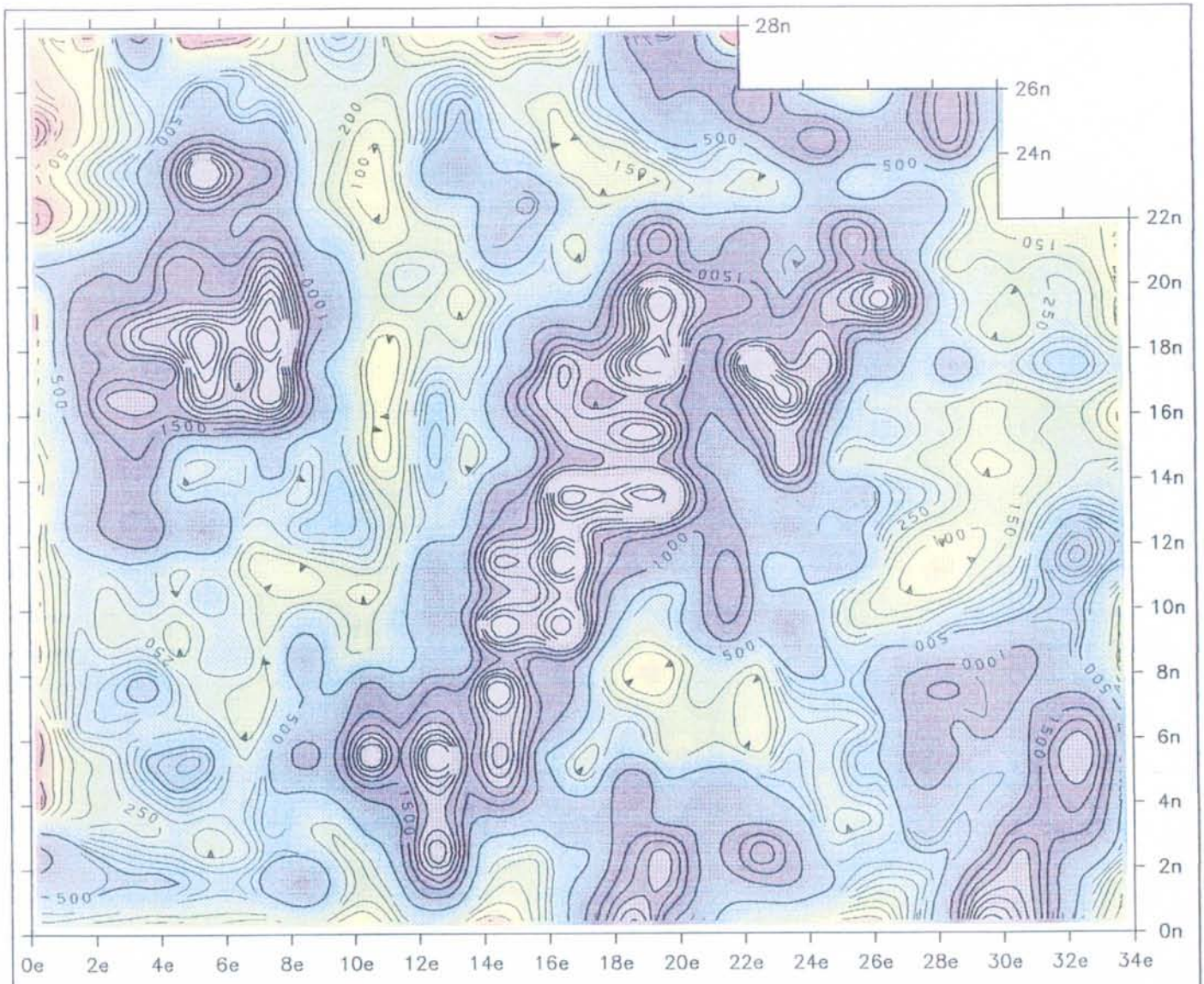
PLOTTING PARAMETERS

- DIRECTORY: \DAWA\3DPLOTS
- GRIDDING: CS=30 T=1.
- ZONE FILE: DAWa.zon
- DATACLIP=8000 ohm-m

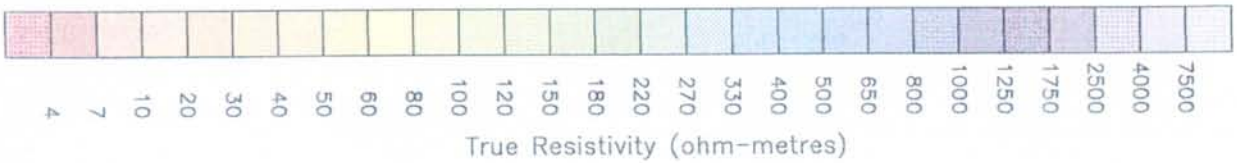
KENNECOTT CANADA INC.
PREIDO HILL - PARADISE HILL AREA
KLONDIKE DISTRICT, YUKON

E-SCAN 3D ELECTRICAL SURVEY
3D INVERSION # DAWa_1,2
GRIDDED AND CONTOURED
TRUE RESISTIVITY PLAN VIEW
SHOWING 0 TO 30 METRES
BELOW SURFACE

Figure 7



PLAN VIEW 60-90m BELOW SURFACE



True Resistivity (ohm-metres)

PROCESSING HISTORY: DATA SET DAWa

DATA VERIFICATION

- SHOOT LOG CORRECTIONS
- DUPLICATES AVERAGED
- CO-ORDINATES VERIFIED
- CCP POTENTIAL FIELDS: HARDCOPY
  DATA CULL: MANUAL
  REPLACE CULLS: NO
- TOPOGRAPHY: YES

INVERSION PROCESS

- TWO DCCGI3D1.01 RUNS
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  YMIN=10000 YMAX=12200
  2: #942006b 48it
  XMIN=10000 XMAX=13400
  YMIN=10600 YMAX=12800
  XCELL=100 YCELL=100
  u=0.05 e=0.05
  BEG. MODEL: Rho0=15
  DIRECTORY: \HOME\DAWA

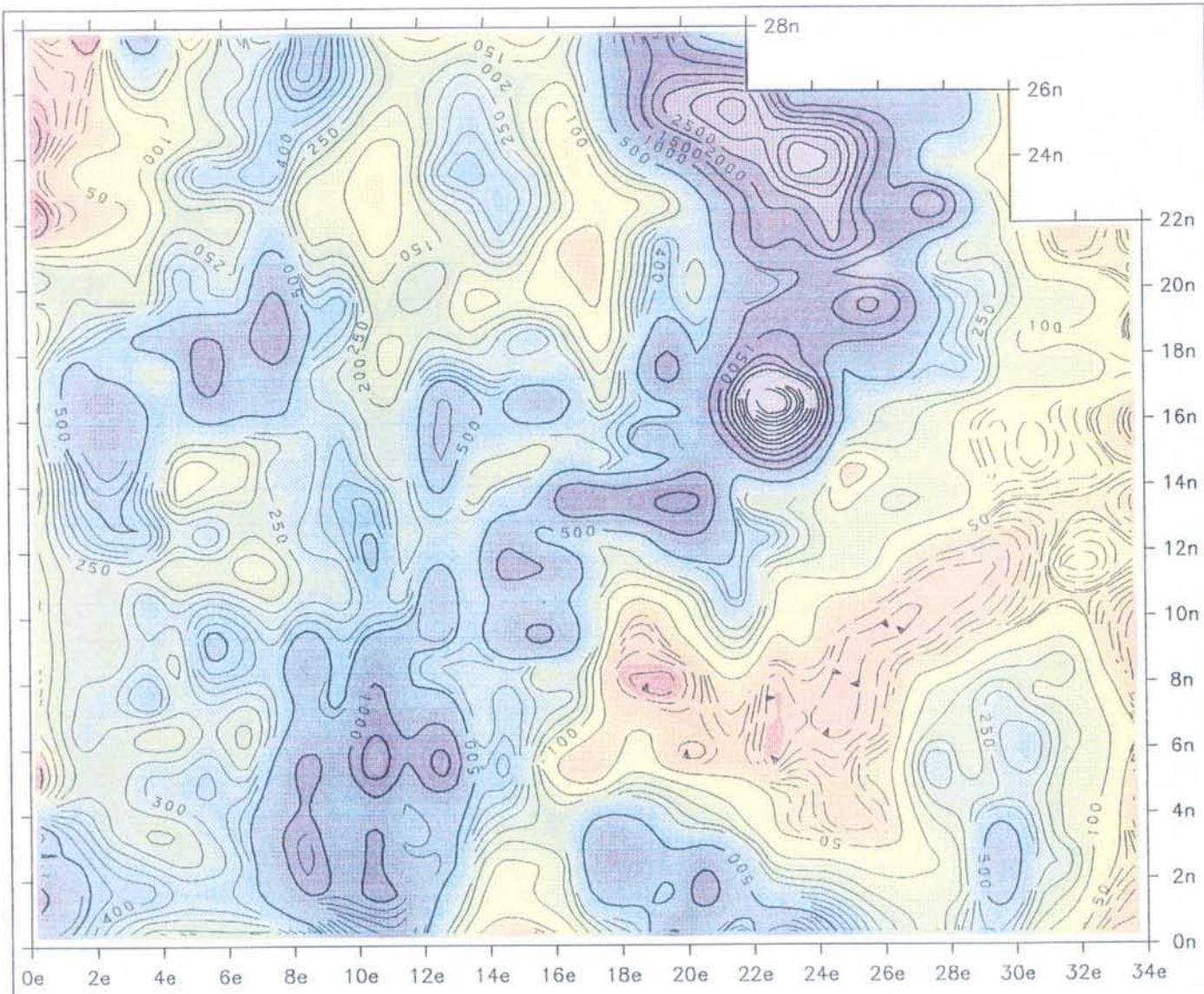
PLOTTING PARAMETERS

- DIRECTORY: \DAWA\3DPLOTS
- GRIDDING: CS=30 T=.8
- ZONE FILE: DAWa.zon
- DATACLIP=8000 ohm-m

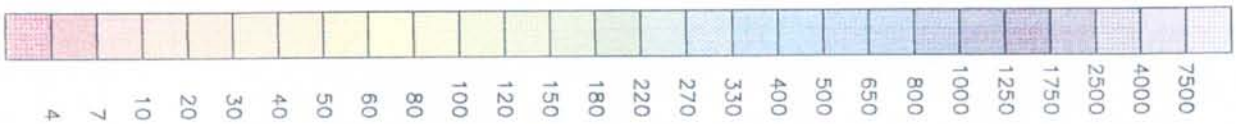
KENNECOTT CANADA INC.
PREIDO HILL - PARADISE HILL AREA
KLONDIKE DISTRICT, YUKON

E-SCAN 3D ELECTRICAL SURVEY
3D INVERSION # DAWa_1,2
GRIDDED AND CONTOURED
TRUE RESISTIVITY PLAN VIEW
SHOWING 60 TO 90 METRES
BELOW SURFACE

Figure 8



PLAN VIEW 120-150m BELOW SURFACE



True Resistivity (ohm-metres)

PROCESSING HISTORY: DATA SET DAWa

DATA VERIFICATION

- SHOOT LOG CORRECTIONS
- DUPLICATES AVERAGED
- CO-ORDINATES VERIFIED
- CCP POTENTIAL FIELDS: HARDCOPY
  DATA CULL: MANUAL
  REPLACE CULLS: NO
- TOPOGRAPHY: YES

INVERSION PROCESS

- TWO DCCGI3D1.01 RUNS
  1: #942006a 55it
  XMIN=10000 XMAX=13400
  YMIN=10000 YMAX=12200
  2: #942006b 48it
  XMIN=10000 XMAX=13400
  YMIN=10600 YMAX=12800
  XCELL=100 YCELL=100
  u=0.05 e=0.05
  BEG. MODEL: Rho0=15
  DIRECTORY: \HOME\DAWA

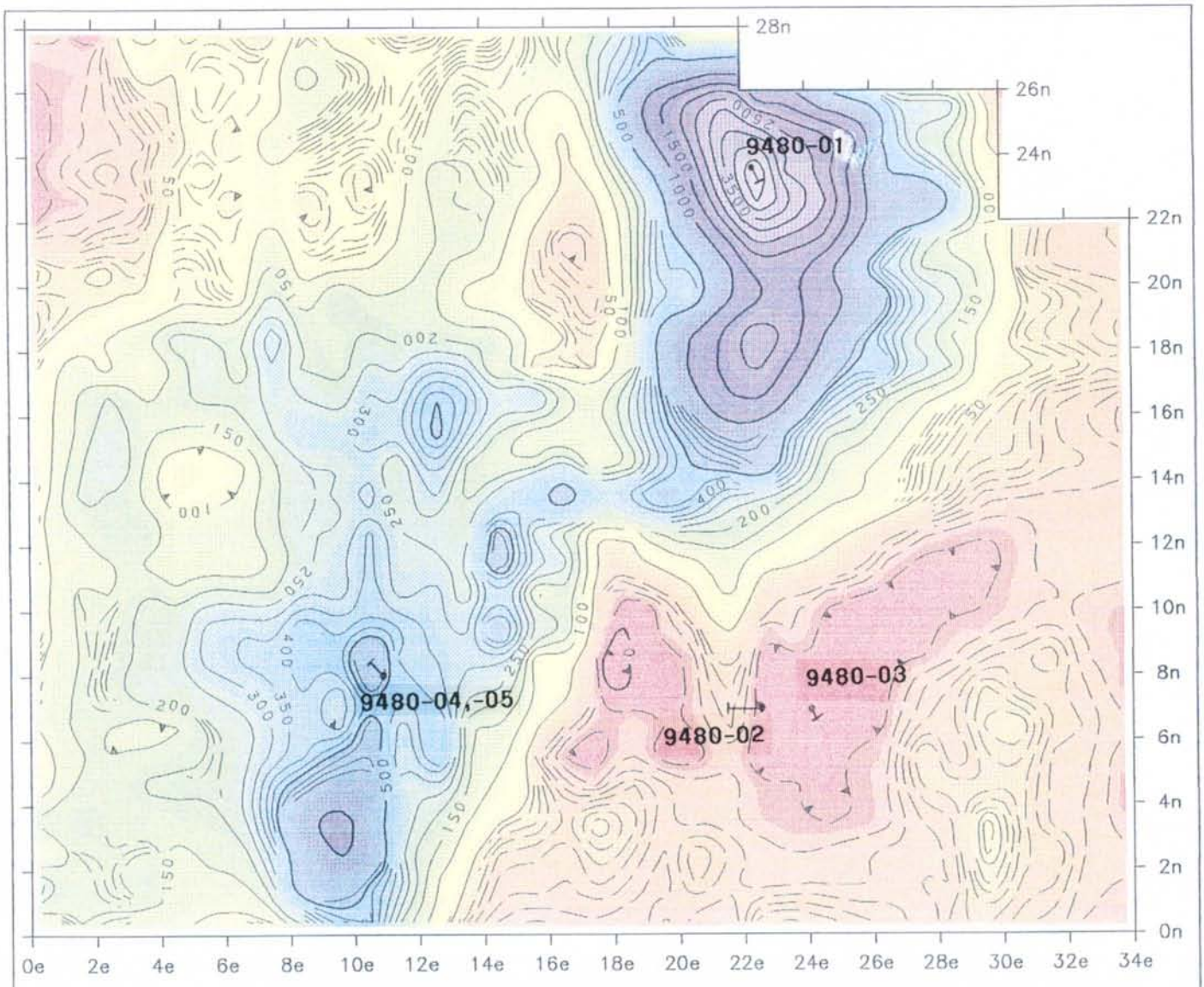
PLOTTING PARAMETERS

- DIRECTORY: \DAWA\3DPLOTS
- GRIDDING: CS=30 T=.6
- ZONE FILE: DAWa.zon
- DATACLIP=8000 ohm-m

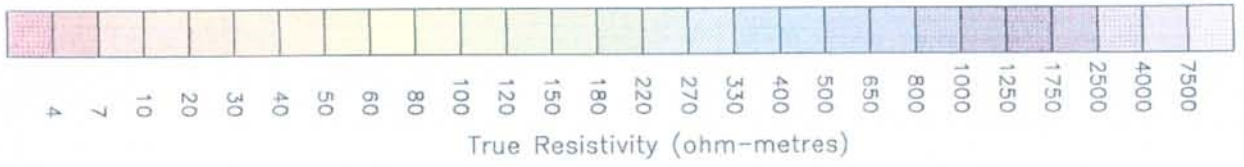
KENNECOTT CANADA INC.
PREIDO HILL - PARADISE HILL AREA
KLONDIKE DISTRICT, YUKON

E-SCAN 3D ELECTRICAL SURVEY
3D INVERSION # DAWa_1,2
GRIDDED AND CONTOURED
TRUE RESISTIVITY PLAN VIEW
SHOWING 120 TO 150 METRES
BELOW SURFACE

Figure 9



PLAN VIEW 180-210m BELOW SURFACE



PROCESSING HISTORY: DATA SET DAWa

DATA VERIFICATION

- SHOOT LOG CORRECTIONS
- DUPLICATES AVERAGED
- CO-ORDINATES VERIFIED
- CCP POTENTIAL FIELDS: HARDCOPY
  DATA CULL: MANUAL
  REPLACE CULLS: NO
- TOPOGRAPHY: YES

INVERSION PROCESS

- TWO DCCGI3D1.01 RUNS
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  XMIN=10000 XMAX=13400
  YMIN=10000 YMAX=12200
  2: #942006b 48it
  XMIN=10000 XMAX=13400
  YMIN=10600 YMAX=12800
  XCELL=100 YCELL=100
  u=0.05 e=0.05
  BEG. MODEL: Rho0=15
  DIRECTORY: \HOME\DAWA

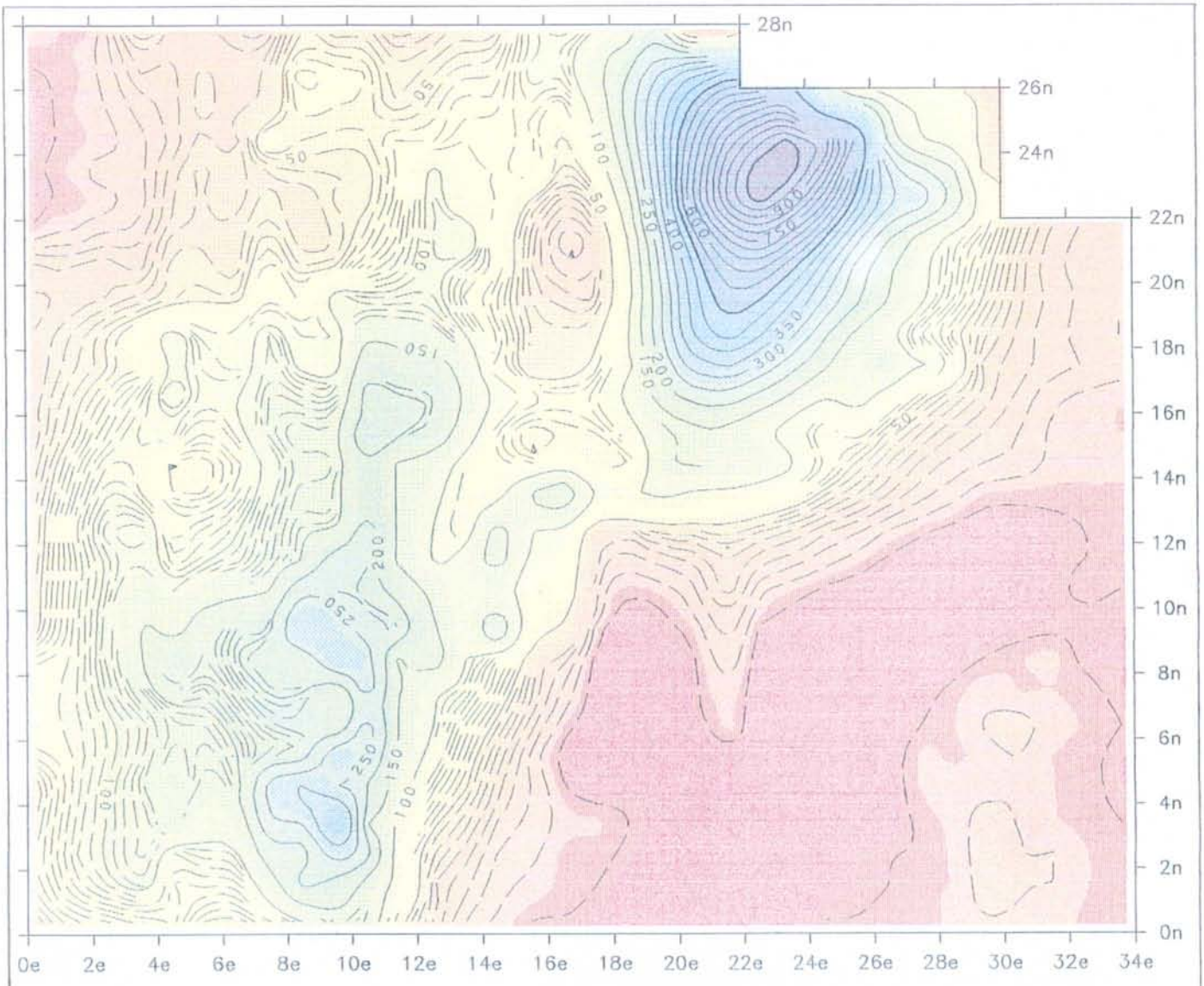
PLOTTING PARAMETERS

- DIRECTORY: \DAWA\3DPLOTS
- GRIDDING: CS=30 T=.4
- ZONE FILE: DAWa.zon
- DATACLIP=8000 ohm-m

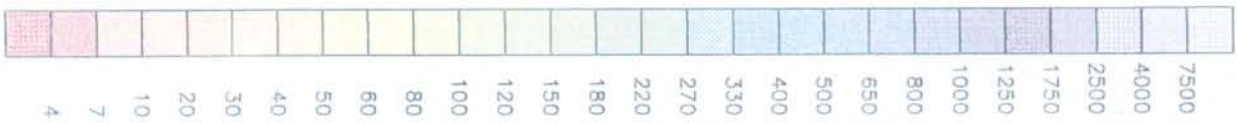
KENNECOTT CANADA INC.
PREIDO HILL - PARADISE HILL AREA
KLONDIKE DISTRICT, YUKON

E-SCAN 3D ELECTRICAL SURVEY
3D INVERSION # DAWa_1,2
GRIDDED AND CONTOURED
TRUE RESISTIVITY PLAN VIEW
SHOWING 180 TO 210 METRES
BELOW SURFACE

Figure 10



PLAN VIEW 240-270m BELOW SURFACE



True Resistivity (ohm-metres)

PROCESSING HISTORY: DATA SET DAWa

DATA VERIFICATION

- SHOOT LOG CORRECTIONS
- DUPLICATES AVERAGED
- CO-ORDINATES VERIFIED
- CCP POTENTIAL FIELDS: HARDCOPY
  DATA CULL: MANUAL
  REPLACE CULLS: NO
- TOPOGRAPHY: YES

INVERSION PROCESS

- TWO DCCGI3D1.01 RUNS
  1: #942006a 55it
  XMIN=10000 XMAX=13400
  YMIN=10000 YMAX=12200
  2: #942006b 48it
  XMIN=10000 XMAX=13400
  YMIN=10600 YMAX=12800
  XCELL=100 YCELL=100
  u=0.05 e=0.05
  BEG. MODEL: Rho0=15
  DIRECTORY: \HOME\DAWA

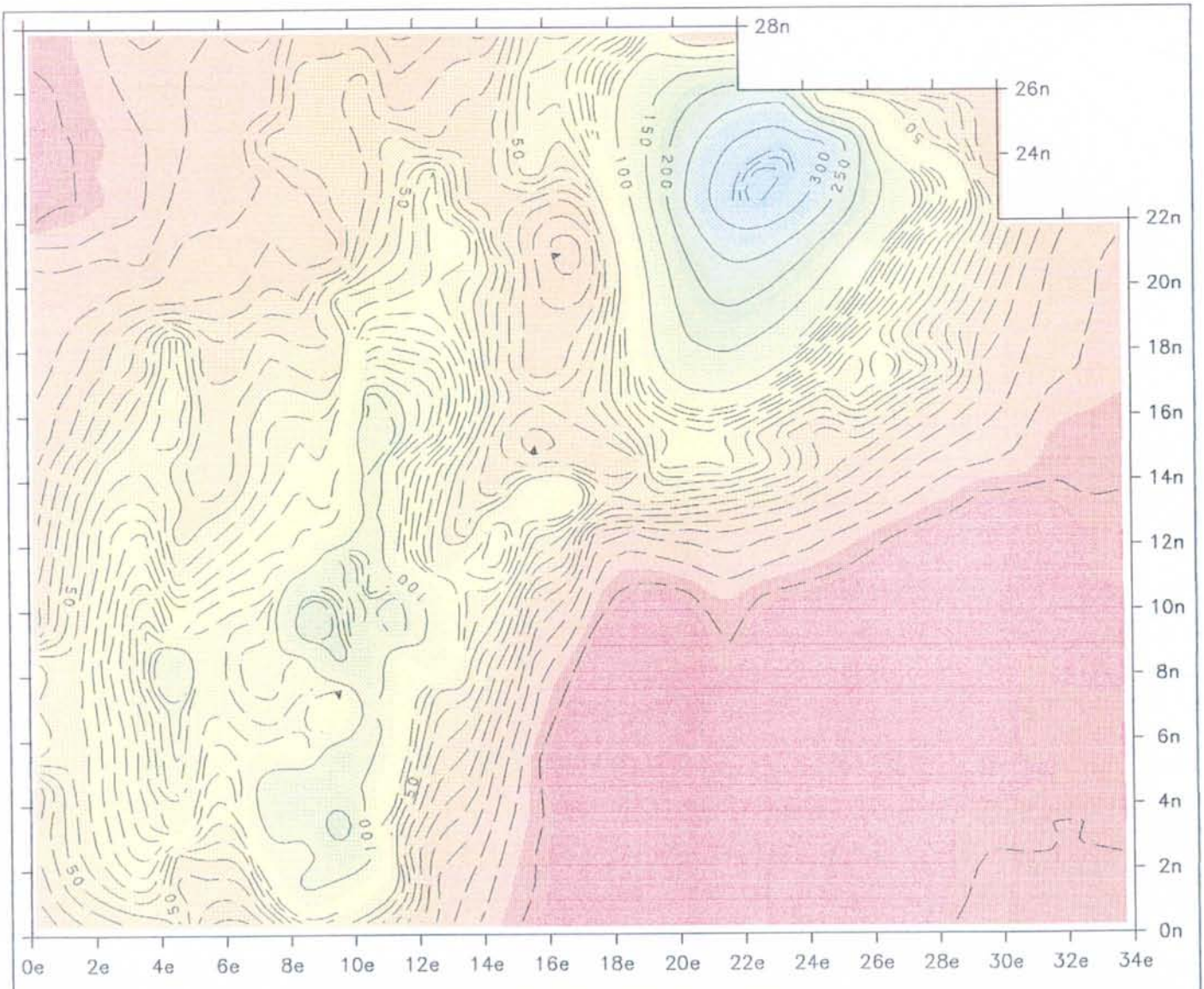
PLOTTING PARAMETERS

- DIRECTORY: \DAWA\3DPLOTS
- GRIDDING: CS=30 T=.4
- ZONE FILE: DAWa.zon
- DATACLIP=8000 ohm-m

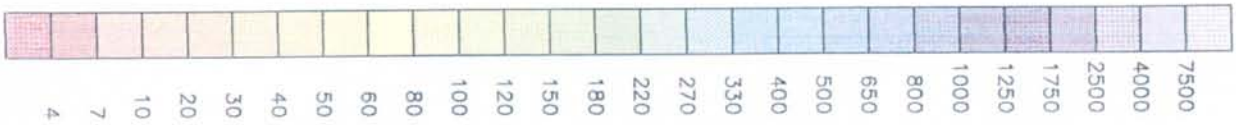
KENNECOTT CANADA INC.
PREIDO HILL - PARADISE HILL AREA
KLONDIKE DISTRICT, YUKON

E-SCAN 3D ELECTRICAL SURVEY
3D INVERSION # DAWa_1,2
GRIDDED AND CONTOURED
TRUE RESISTIVITY PLAN VIEW
SHOWING 240 TO 270 METRES
BELOW SURFACE

Figure 11



PLAN VIEW 300–330m BELOW SURFACE



True Resistivity (ohm-metres)

PROCESSING HISTORY: DATA SET DAWa

DATA VERIFICATION

- SHOOT LOG CORRECTIONS
- DUPLICATES AVERAGED
- CO-ORDINATES VERIFIED
- CCP POTENTIAL FIELDS: HARDCOPY
  DATA CULL: MANUAL
  REPLACE CULLS: NO
- TOPOGRAPHY: YES

INVERSION PROCESS

- TWO DCCGI3D1.01 RUNS
  1: #942006a 55it
  XMIN=10000 XMAX=13400
  YMIN=10000 YMAX=12200
  2: #942006b 48it
  XMIN=10000 XMAX=13400
  YMIN=10600 YMAX=12800
  XCELL=100 YCELL=100
  u=0.05 e=0.05
  BEG. MODEL: Rho0=15
  DIRECTORY: \HOME\DAWA

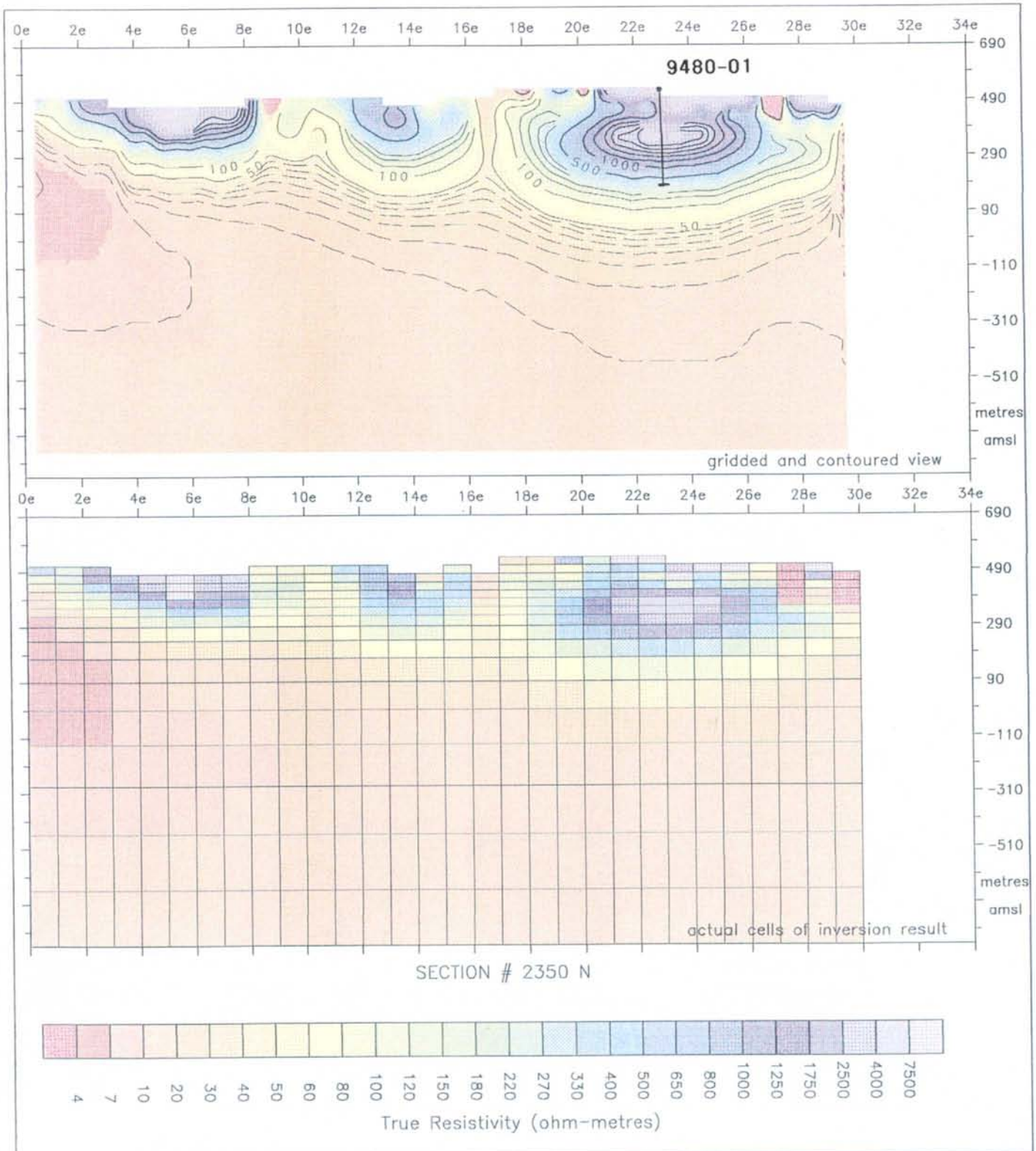
PLOTTING PARAMETERS

- DIRECTORY: \DAWA\3DPLOTS
- GRIDDING: CS=30 T=.4
- ZONE FILE: DAWa.zon
- DATACLIP=8000 ohm-m

KENNECOTT CANADA INC.
PREIDO HILL - PARADISE HILL AREA
KLONDIKE DISTRICT, YUKON

E-SCAN 3D ELECTRICAL SURVEY
3D INVERSION # DAWa_1,2
GRIDDED AND CONTOURED
TRUE RESISTIVITY PLAN VIEW
SHOWING 300 TO 330 METRES
BELOW SURFACE

Figure 12



PROCESSING HISTORY: DATA SET DAWa

DATA VERIFICATION

- SHOOT LOG CORRECTIONS
- DUPLICATES AVERAGED
- CO-ORDINATES VERIFIED
- CCP POTENTIAL FIELDS: HARDCOPY
  DATA CULL: MANUAL
  REPLACE CULLS: NO
- TOPOGRAPHY: YES

INVERSION PROCESS

- TWO DCCGI3D1.01 RUNS
  1: #942006a 55it
  XMIN=10000 XMAX=13400
  YMIN=10000 YMAX=12200
  2: #942006b 48it
  XMIN=10000 XMAX=13400
  YMIN=10600 YMAX=12800
  XCELL=100 YCELL=100
  u=0.05 e=0.05
  BEG. MODEL: Rho0=15
  DIRECTORY: \HOME\DAWA

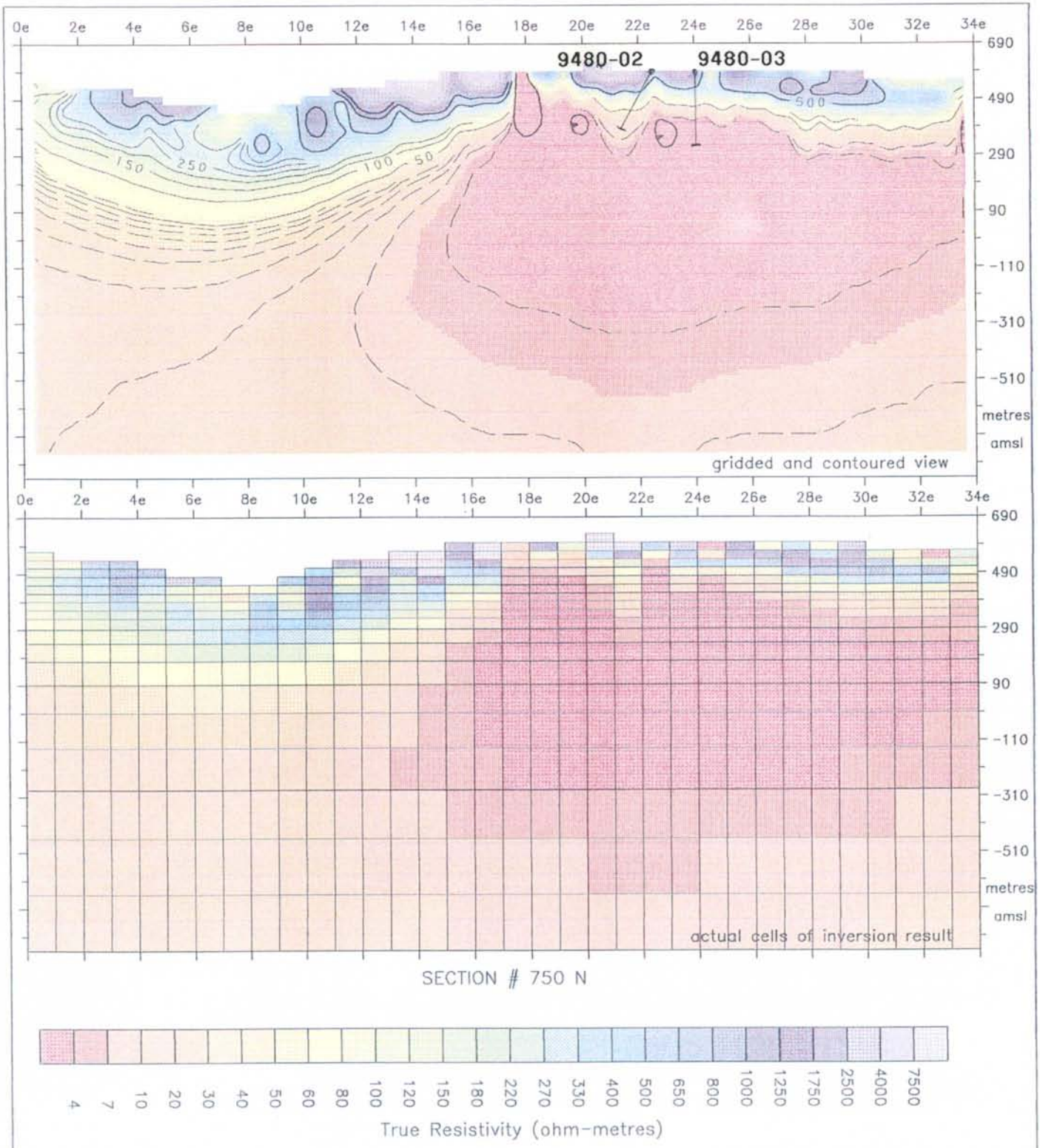
PLOTTING PARAMETERS

- DIRECTORY: \DAWA\3DPLOTS
- GRIDDING: CS=15 T=.6
- ZONE FILE: DAWa.zon
- DATACLIP=8000 ohm-m

KENNECOTT CANADA INC.
PREIDO HILL - PARADISE HILL AREA
KLONDIKE DISTRICT, YUKON

E-SCAN 3D ELECTRICAL SURVEY
3D INVERSION # DAWa_1,2
TRUE RESISTIVITY SECTION
FACING GRID NORTH
GRID SECTION # 2350 N
CELL SECTION # 5

Figure 13



PROCESSING HISTORY: DATA SET DAWa

DATA VERIFICATION

- SHOOT LOG CORRECTIONS
- DUPLICATES AVERAGED
- CO-ORDINATES VERIFIED
- CCP POTENTIAL FIELDS: HARDCOPY
  DATA CULL: MANUAL
  REPLACE CULLS: NO
- TOPOGRAPHY: YES

INVERSION PROCESS

- TWO DCCGI3D1.01 RUNS
  1: #942006a 55it
  XMIN=10000 XMAX=13400
  YMIN=10000 YMAX=12200
  2: #942006b 48it
  XMIN=10000 XMAX=13400
  YMIN=10600 YMAX=12800
  XCELL=100 YCELL=100
  u=0.05 e=0.05
  BEG. MODEL: Rho0=15
  DIRECTORY: \HOME\DAWA

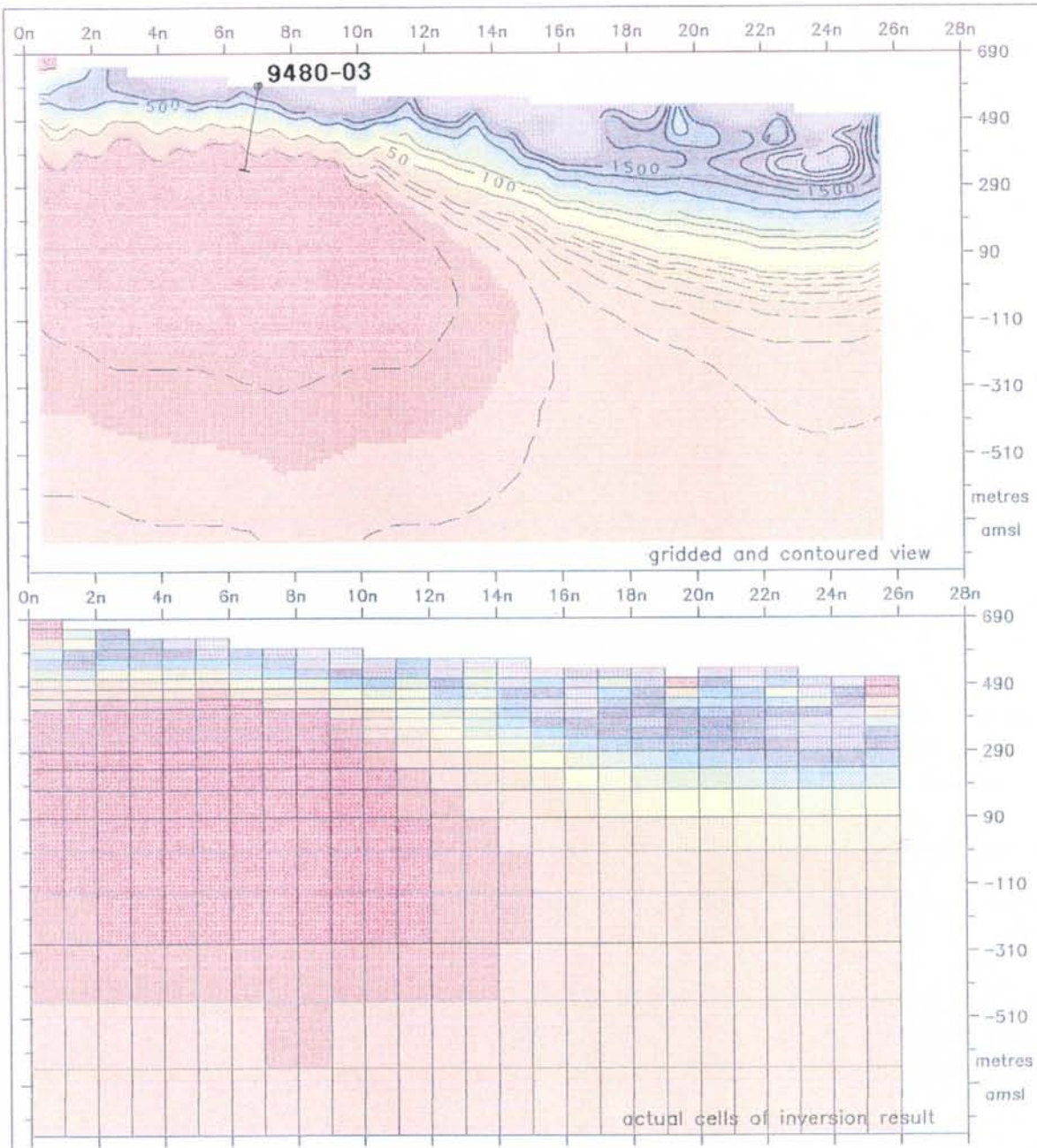
PLOTTING PARAMETERS

- DIRECTORY: \DAWA\3DPLOTS
- GRIDDING: CS=15 T=.6
- ZONE FILE: DAWa.zon
- DATACLIP=8000 ohm-m

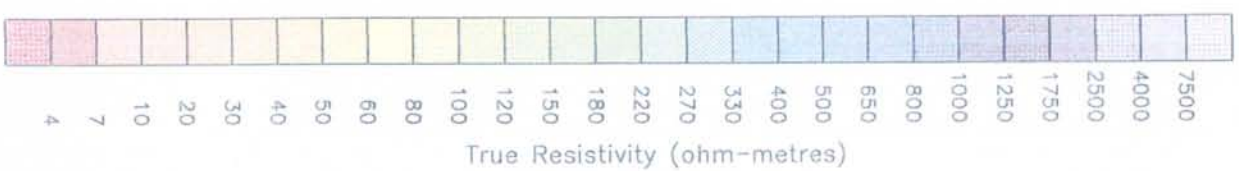
KENNECOTT CANADA INC.
PREIDO HILL - PARADISE HILL AREA
KLONDIKE DISTRICT, YUKON

E-SCAN 3D ELECTRICAL SURVEY
3D INVERSION # DAWa_1,2
TRUE RESISTIVITY SECTION
FACING GRID NORTH
GRID SECTION # 750 N
CELL SECTION # 21

Figure 14



SECTION # 2350 E



True Resistivity (ohm-metres)

PROCESSING HISTORY: DATA SET DAWa

DATA VERIFICATION

- SHOOT LOG CORRECTIONS
- DUPLICATES AVERAGED
- CO-ORDINATES VERIFIED
- CCP POTENTIAL FIELDS: HARDCOPY
  DATA CULL: MANUAL
  REPLACE CULLS: NO
- TOPOGRAPHY: YES

INVERSION PROCESS

- TWO DCCGI3D1.01 RUNS
  1: #942006a 55it
  XMIN=10000 XMAX=13400
  YMIN=10000 YMAX=12200
  2: #942006b 48it
  XMIN=10000 XMAX=13400
  YMIN=10600 YMAX=12800
  XCELL=100 YCELL=100
  u=0.05 e=0.05
  BEG. MODEL: Rho0=15
  DIRECTORY: \HOME\DAWA

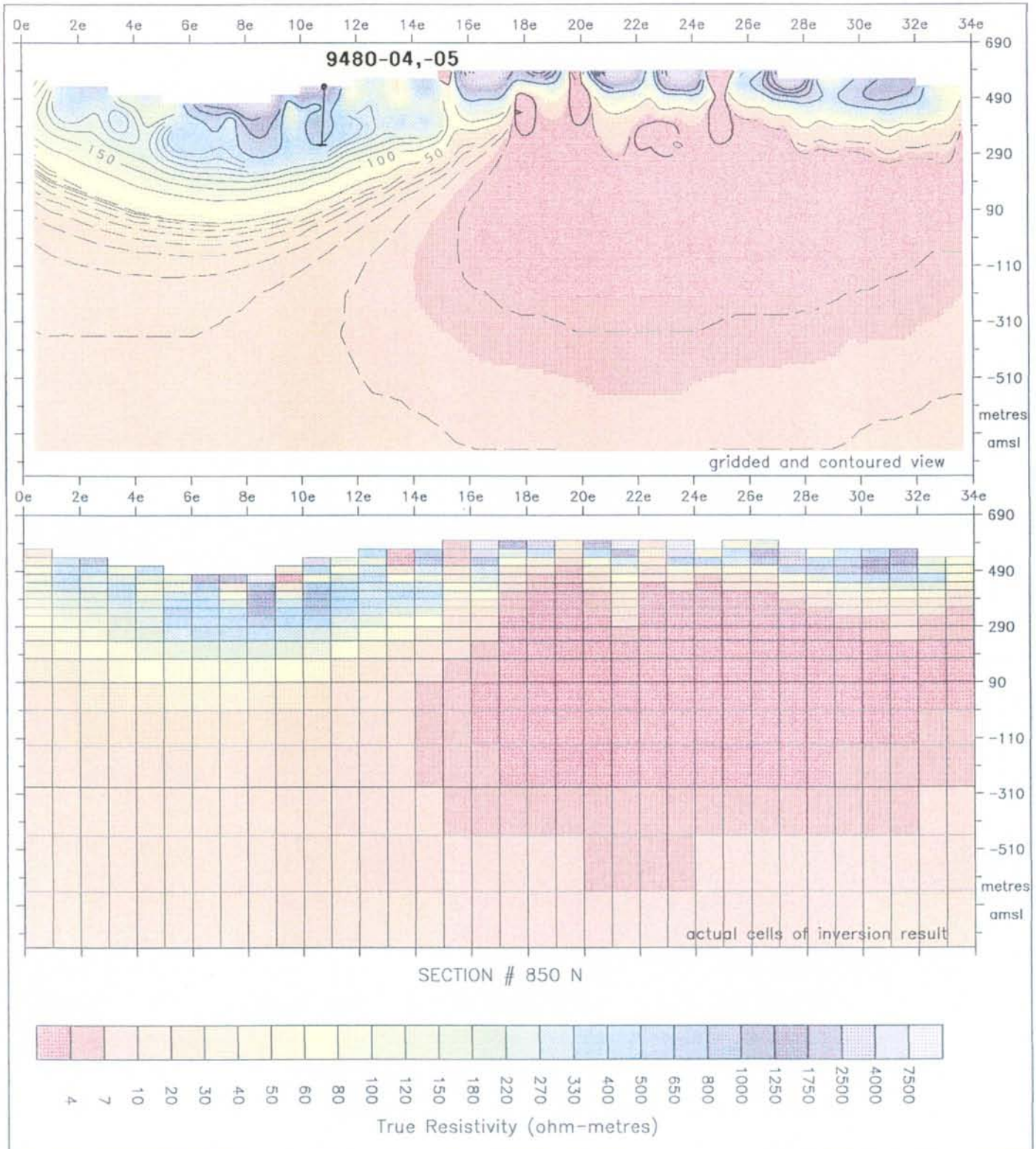
PLOTTING PARAMETERS

- DIRECTORY: \DAWA\3DPLOTS
- GRIDDING: CS=15 T=.6
- ZONE FILE: DAWa.zon
- DATACLIP=8000 ohm-m

KENNECOTT CANADA INC.
PREIDO HILL - PARADISE HILL AREA
KLONDIKE DISTRICT, YUKON

E-SCAN 3D ELECTRICAL SURVEY
3D INVERSION # DAWa_1,2
TRUE RESISTIVITY SECTION
FACING GRID WEST
GRID SECTION # 2350 E
CELL SECTION # 24

Figure 15



PROCESSING HISTORY: DATA SET DAWa

DATA VERIFICATION

- SHOOT LOG CORRECTIONS
- DUPLICATES AVERAGED
- CO-ORDINATES VERIFIED
- CCP POTENTIAL FIELDS: HARDCOPY
  DATA CULL: MANUAL
  REPLACE CULLS: NO
- TOPOGRAPHY: YES

INVERSION PROCESS

- TWO DCCGI3D1.01 RUNS
  1: #942006a 55it
  XMIN=10000 XMAX=13400
  YMIN=10000 YMAX=12200
  2: #942006b 48it
  XMIN=10000 XMAX=13400
  YMIN=10600 YMAX=12800
  XCELL=100 YCELL=100
  u=0.05 e=0.05
  BEG. MODEL: Rho0=15
  DIRECTORY: \HOME\DAWA

PLOTTING PARAMETERS

- DIRECTORY: \DAWA\3DPLOTS
- GRIDDING: CS=15 T=.6
- ZONE FILE: DAWa.zon
- DATACLIP=8000 ohm-m

KENNECOTT CANADA INC.
PREIDO HILL - PARADISE HILL AREA
KLONDIKE DISTRICT, YUKON

E-SCAN 3D ELECTRICAL SURVEY
3D INVERSION # DAWa_1,2
TRUE RESISTIVITY SECTION
FACING GRID NORTH
GRID SECTION # 850 N
CELL SECTION # 20

Figure 16

6.2 EXPLORATION METHODS AND RESULTS

6.2.1 E-SCAN Resistivity Surveying

Following the preparation of a GPS-controlled 62.6 line km grid over the 80 Pup property, an E-SCAN tomographic resistivity survey was conducted by Premier Geophysics of Vancouver. The objective of the survey was to map intrusive bodies and alteration beneath a thick cover of White Channel Gravel. Electrodes were installed on a 200m grid and were networked through a computer-controlled current switching device. This proprietary method of electrical surveying allows multiple resistance measurements to be made on each grid cell using different combinations of electrodes. Advanced computer post-processing, which can take over a month to complete, then inverts the resistivity measurements to create a three dimensional resistivity model for the survey area (Figure 7-16).

6.2.2 Ground Magnetics

A ground magnetics survey was conducted on the E-SCAN grid to provide data of comparable spatial resolution to the E-SCAN survey. The 200m spaced lines were surveyed at 12.5m intervals using a Scintrex MP3 proton magnetometer mounted on a 2.5m staff. A base station was established at Kennecott's Callison field office to measure diurnal variation in the geomagnetic field. At the end of each day survey data were corrected against base station data and were downloaded to computer. GPS survey data were then integrated with the ground magnetic data using Geosoft software to produce coloured ground magnetic maps (Figure 17).

6.2.3 Geological Mapping

Geological mapping within the 80 Pup property and contiguous claims of the Klondike Gold property was hampered considerably by the lack of outcrop. Geological units observed on the 80 Pup property are presented in Table 2. Artificial exposures created by placer mining activity provided the best opportunity for mapping and sampling bedrock. A total of 18 rock samples were collected from the property during surface mapping and sampling.

Mapping substantiated the caldera model proposed for the Last Chance Creek area. A Cretaceous stratigraphic section comprising intermediate volcanics, sandstones, conglomerates and coal-bearing mudstones occurs in lower Last Chance Creek and appears to terminate to the south at the geophysically-inferred caldera margin. The most southerly exposures of the otherwise flat-lying Cretaceous sequence dip steeply to the north, suggesting tilting of bedding against a caldera ring fault. The rocks are truncated to the north by the west-northwesterly striking fault which occupies the Hunker valley.

Mapping on the E-SCAN grid identified new exposures of Cretaceous mudstone in the

TABLE - 2 LITHOLOGIC UNITS

OVERLAP ASSEMBLAGE

EOCENE VOLCANICS \ INTRUSIONS

ETR	Topaz Rhyolite
TFLT	Felsic Lapilli Tuff
QFP	Undifferentiated Quartz Feldspar Porphyry
QFPD	Quartz Feldspar Porphyry Dyke
FD	Felsic Dyke
MD	Mafic Dyke
DD	Diabase Dyke

CARMACKS GROUP

KGD	Hornblende-Biotite Granodiorite
KMS	Mudstone
KSL	Siltstone
KSS	-a Litharenite
	-b Arenite
KC	Conglomerate
KA	Andesite
KBX	Volcanic Breccia
KBX-1	Coarse fragment. Volcanic Breccia
KBX-2	Fine Fragment Black matrix Breccia.

SLIDE MOUNTAIN TERRANE

GRS	Massive Greenstone
UMS	Serpentinite
UMC	Silica-Carbonate Altered Serpentinite +/- Mariposite
UMT	Talc - Carbonate Schist
UMBX	Greenstone Breccia

YUKON - TANANA TERRANE

KLONDIKE SERIES

QMS	Quartz Muscovite Schist
MQS	Muscovite Quartz Schist
CQS	Chlorite Quartz Schist
CQ	Chloritic Quartzite
CMS	Chlorite Muscovite Schist

NASINA SERIES

GS	Graphitic Schist / Phyllite
GQ	Graphitic Quartzite

northeastern corner of the grid and float of travertine in Last Chance Creek. Prospecting in the Preido Hill area identified variably weathered quartz-feldspar porphyry cobbles in the White Channel Gravel. A vuggy, oxidized cobble found in Hester Creek assayed 45ppb gold, but no other anomalous gold values were encountered during placer drain sampling and prospecting traverses. Sample locations are plotted on Figure 6, sample descriptions are located in Appendix A, and analytical results are provided in Appendix B.

6.2.4 Diamond Drilling

A five-hole 1,156m diamond drill program was conducted between August 19 and September 12, 1994 to test geophysical targets identified by the ground magnetic and E-SCAN resistivity surveys within the Last Chance Creek caldera. Advanced Drilling Ltd. of Surrey B.C. was contracted to perform drilling services using a Longyear "38" drill rig and Klondike Transport Ltd. provided a D-6 Cat for road building and drill pad construction. Drill collars were GPS surveyed and downhole surveys were conducted using a Sperry-Sun single shot camera. At the completion of each hole, drill collars were permanently marked with a 2m orange post bearing aluminium identification tags.

Geological, geotechnical and geophysical logging of drill core was conducted prior to core splitting and sampling. Geological logs are presented in Appendix F and geotechnical and geophysical logs are provided in Appendix G. Geotechnical logging consisted of measuring the core for recovery and breakage. Geophysical logging consisted of magnetic susceptibility measurements at 1m intervals using an Exploranium KT-9 magnetic susceptibility meter. An attempt was made to measure resistivity using a hand held multi-meter, but reproducible results were difficult to obtain.

After core logging, sample intervals were marked with aluminium tags and the core was photographed. All of the core recovered was then split using a 30 cm circular core saw to eliminated sample biasing by uneven hand splitting and to facilitate future relogging of the core. Half core samples were sent to Chemex Labs of North Vancouver for multi-element geochemical analysis. Analytical procedures and results are provided in Appendix H.

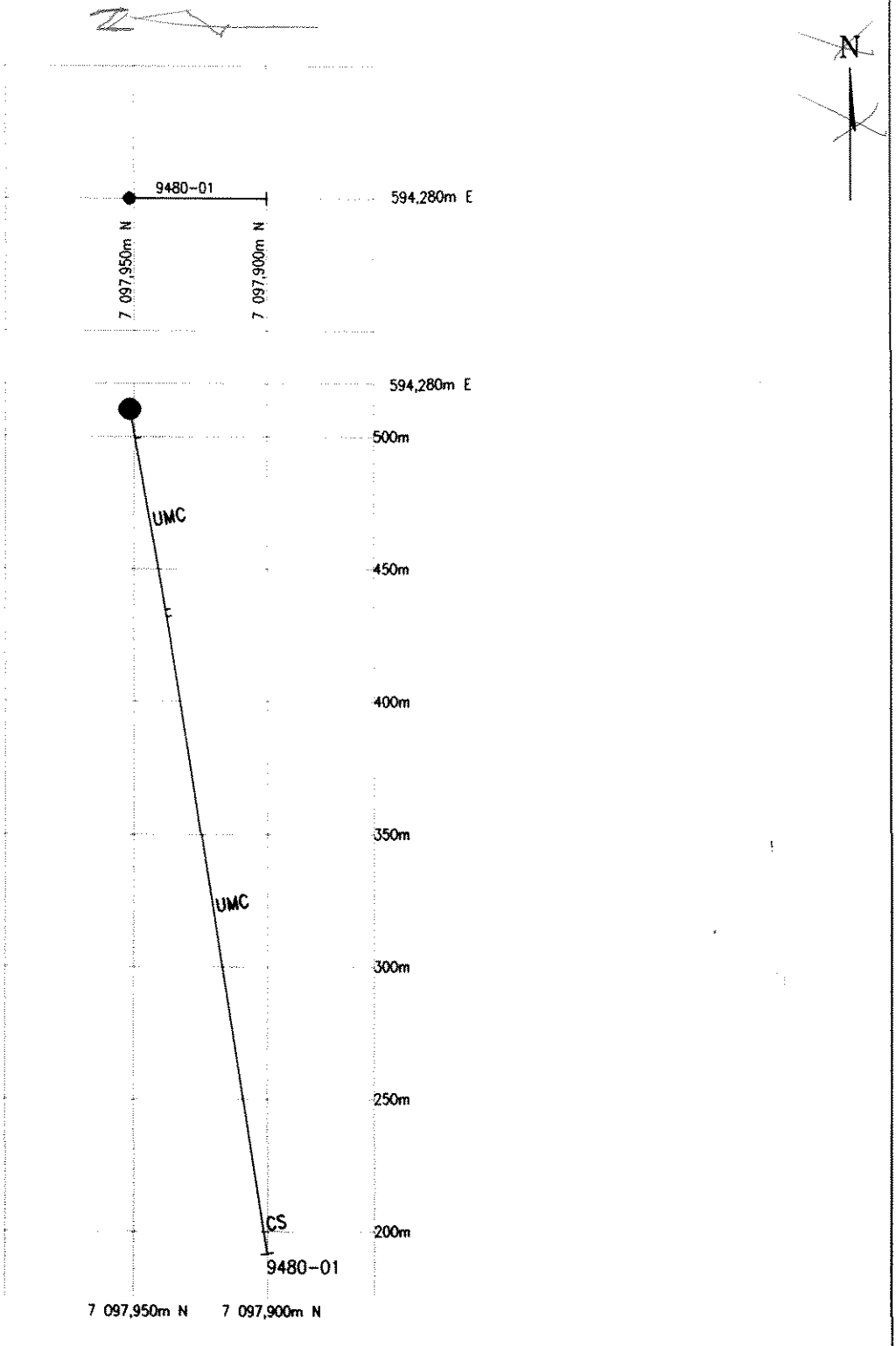
TABLE 3 - Drill Hole Summary

Hole #	Az	Dip	Length	Target	Geological Summary
9480-01	180°	-80o	323m	700m x 1000m coincident resistivity and magnetic high	Sub-horizontal thrust stack of resistive marble, magnetic ultramafics and graphitic schist.
9480-02	293°	-60°	243m	750m long northerly striking linear resistor within conductive host	Interbedded graphitic and quartz-muscovite schist above 150m depth; intensely silicified graphitic schist with quartz-pyrite veinlets below 150m depth.
9480-03	180°	-80°	263m	Broad east-northeasterly striking buried conductor	Interlayered graphitic schist and quartz-muscovite schist above 150m depth; heavily fractured and gougy graphitic schist below 150m depth.
9480-04	330°	-70°	111m	1.6km long north- northeasterly striking resistor	Diatreme breccia containing sericite-dolomite altered volcanic rock fragments and rare propylitized granite fragments.
9480-05	330°	-80°	216m	As 9380-04	As 9380-04

Hole 9480-01 tested a 700m by 1,000m coincident resistivity and magnetic high thought to represent a buried intrusion. The hole collared in strongly weathered schist and cut carbonaceous phyllite and schist down to a fault contact at a depth of 77m. The hole then encountered 226m of altered ultramafic rocks and marble. This section is characterized by abundant calcite veining, local quartz flooding and less frequent chalcedonic and drusy quartz veining. The hole was terminated in underlying chlorite schist at 323m (Figure 18).

The unexpected intersection of a sub-horizontal thrust stack of resistive marble, magnetic ultramafics and graphitic schist clearly explains the coincident magnetic and resistivity high. The marble and graphitic schist are believed to belong to the Devono-Mississippian Nasina Series and the ultramafics to the ophiolitic Slide Mountain terrane. Travertine found in Last Chance Creek is probably formed by the subsurface dissolution (ie. karstification) of the marble and the subsequent surface discharge of carbonate-saturated ground waters. Perhaps because of surface dissolution and recessive weathering, marble had never previously been mapped in this area.

Drill core from 9480-01 shows abundant evidence of hydrothermal fluid flow, with widespread development of disseminated and veinlet specularite ± mariposite(?) and vuggy calcite ± quartz veinlets. Thin, dynamic polymict hydrothermal breccias cemented by quartz and calcite are found along the margins of the ultramafic thrust slices. Despite these features, assay results received for the hole were disappointing. An assay of 0.86g/t gold was returned from a 0.4m interval of brecciated, silicified and magnetite-hematite-mariposite(?)-veined marble. Other gold anomalous intersections (<0.1g/t gold) are infrequent and occur only at lithological contacts. Wide intervals of mariposite(?)-bearing marble are anomalous in arsenic but barren of gold.



scale 1:2500

0 125

metres

Kennecott Canada Inc.
Vancouver

KLONDIKE GOLD

80 PUP AREA
DRILL SECTION 9480-01

YUKON, CANADA

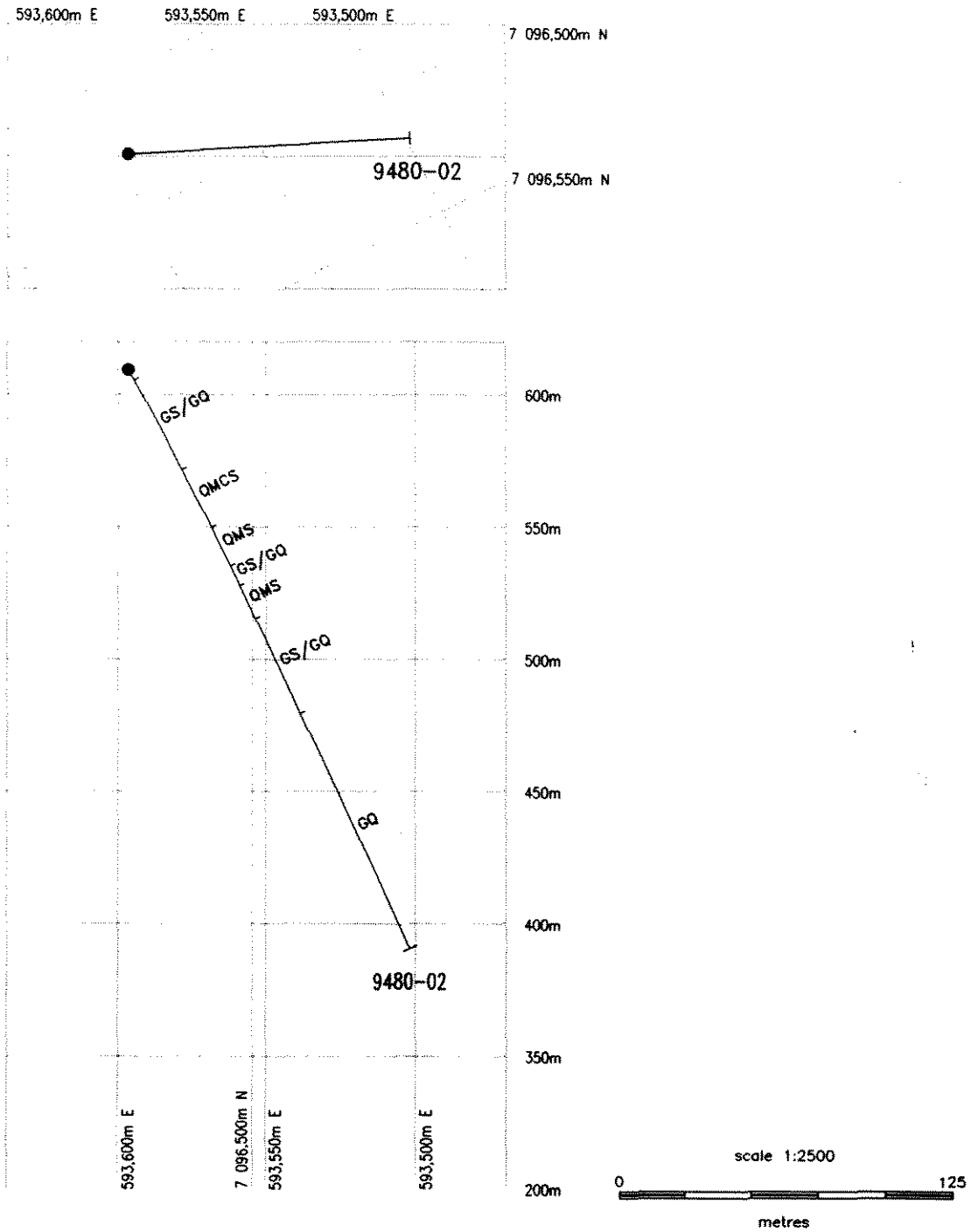
Date:	28/07/95	Author: SDW	Figure 18
File:	9480-01	PS: 1 = 2.5	

HO

Hole 9480-02 targeted a 750m long northerly striking resistor which transects highly conductive host rock. The hole intersected broken graphitic schist before entering silicified and quartz-pyrite veined graphitic schist at 150m depth (Figure 19). This silicified and quartz veined section coincides with the resistivity contrast predicted by the E-SCAN survey. Assay results were poor, with only one gold assay above detection (10ppb). A 1.1m interval of brecciated graphitic schist assayed 554ppm As, 185ppm Cu, 39ppm Mo, 22ppm Pb and 1,270ppm Zn.

Hole 9480-03, located 150m to the east of 9480-02, tested a broad, buried, east-northeasterly striking conductor thought to reflect either clay alteration or highly sulphidic graphitic schist (Figure 20). The hole was faulted and fractured throughout and encountered an iron carbonate stockwork-veined altered ultramafic unit, interbedded graphitic schist and muscovite sericite schist and strongly graphitic zones above the target depth. The muscovite schist is intermittently siliceous and quartz ± carbonate veined. The water-filled pore space and highly graphitic nature of the graphitic unit encountered at depth in the hole explain the conductor identified by E-SCAN. Geochemically, the hole returned spot anomalous gold intercepts to 75ppb and a number of intervals with >1,000ppm arsenic. One graphitic shear zone returned 70ppb Au and 3,690ppm As over 1.4m. The elevated concentrations of arsenic in the graphitic schist explain why drainage sediment samples collected in the 80 Pup area are anomalous in arsenic. However, there is as yet no satisfactory explanation for the presence of arsenic in the graphitic schist.

Hole 9480-04 targeted a 1.6km long north-northeasterly striking resistor which lies along the Last Chance Creek fault. Hole 9480-05 was drilled from the same setup, but at a steeper dip, following the failure of 9480-04 in broken ground short of its target depth. The resistor was thought to reflect hydrothermally silicified volcanic or metamorphic rocks. Both holes intersected a heterolithic diatreme breccia dominated by sericite-dolomite altered andesitic rock fragments and carrying accessory lithic fragments comprising chlorite schist, graphitic schist, Cretaceous mudstone and rare granitic rock. Quartz vein fragments and broken pyrite crystals are also present (Figure 21). The breccia varies from clast to matrix-supported, contains sub-angular to rounded fragments (indicative of particle milling) and has a black matrix suggestive of silica flooding and/or milled graphitic schist fragments. Pyrite abundance in both matrix and altered volcanic rock fragments is very low (<0.5%). Gold and arsenic assays for the diatreme breccia are uniformly low, indicating that the gold and arsenic anomalies reported from the other 80 Pup drill holes are confined to the older metamorphic rocks east of Last Chance Creek. The complete absence of mineralization within the diatreme breccia is a major setback for the model linking Klondike gold metallogenesis to Late Cretaceous magmatism.



Kennecott Canada Inc.
Vancouver

KLONDIKE GOLD

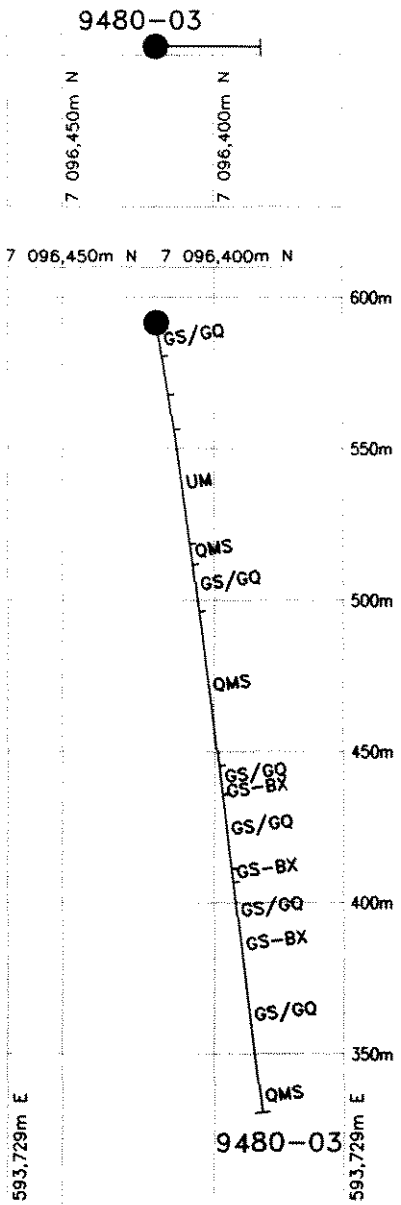
80 PUP AREA
DRILL SECTION 9480-02

YUKON, CANADA

Date:	28/07/95	Author:	SDW
File:	9480-02	PS:	1 = 2.5

Figure 19

HO



N

scale 1:2500

0 125

metres

Kennecott Canada Inc.
Vancouver

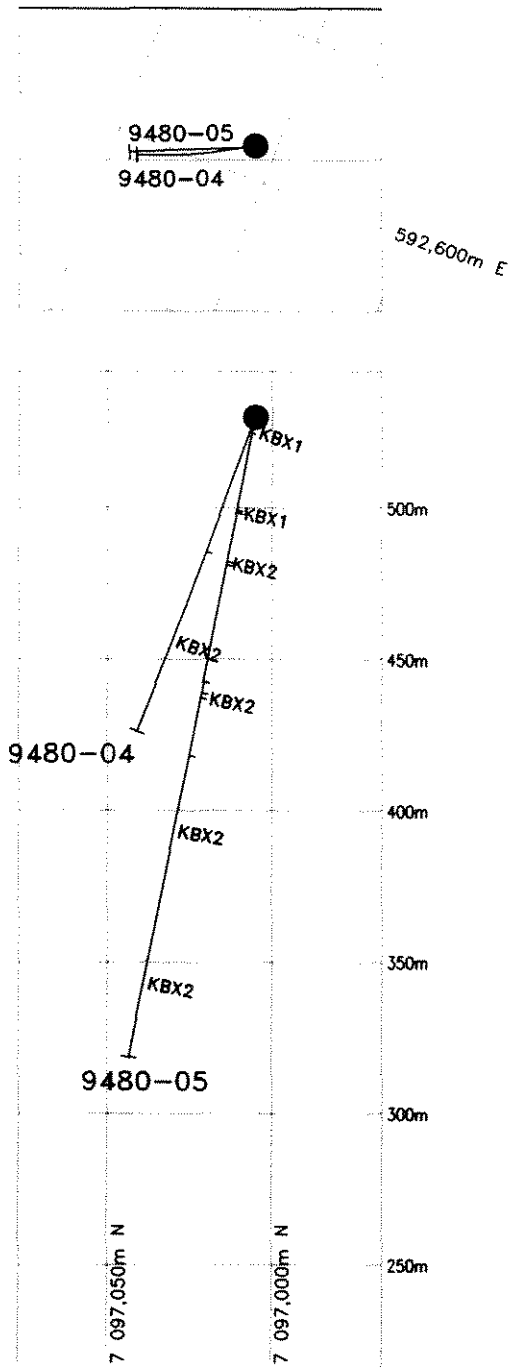
KLONDIKE GOLD

80 PUP AREA
DRILL SECTION 9480-03

YUKON, CANADA

Date: 28/07/95	Author: SDW	Figure 20
File: 9480-03	PS: 1 = 2.5	

HO



Kennecott Canada Inc.
Vancouver

KLONDIKE GOLD

80 PUP AREA
DRILL SECTION 9480-04 AND -05

YUKON, CANADA

Date: 28/07/95	Author: SDW	Figure 21
File: 9480-04	PS: 1 = 2.5	

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7.0 DISCUSSION OF 1994 RESULTS

Results from surface sampling and drilling on the 80 Pup property demonstrated beyond reasonable doubt that Cretaceous rocks within the Last Chance Creek caldera are unmineralized. Drilling also demonstrated that subvolcanic intrusions are not present within the caldera, though polymict diatreme breccias do occur and are localized by regional faults. Rare garnet-bearing granite fragments which are present within the diatreme breccias suggest the presence of an intrusion at depth, though the intrusion is likely to be correlative with Early Jurassic plutons found elsewhere within the Yukon Tanana terrane.

Magnetic anomalies on the 80 Pup property are attributable to serpentinized thrust slices of Slide Mountain terrane ultramafic rock. Thrust stacking appears to have been accompanied by hydrothermal activity which produced neomorphic mariposite(?) in marble (and occasionally in graphitic schist); ankerite ± quartz veins in both ultramafics and graphitic schist; and carbonate metasomatism of ultramafic rock. All these rocks are barren of gold, though arsenic may have been mobile and locally concentrated by the fluid flow. Late vuggy calcite ± quartz veins and hydrothermal breccias which crosscut the metamorphic rocks are of uncertain age. The single gold anomalous intercept returned from drilling may be related to this episode of veining.

The E-SCAN tomographic resistivity mapping technique proved to be a useful and accurate tool. Drilling indicated that resistivity contrasts can be identified and mapped in three dimensions. Regrettably, all resistivity targets which were identified and drilled in 1994 were unrelated to gold mineralization.

8.0 TERMINATION OF THE 80 PUP OPTION AGREEMENT

On the basis of the disappointing results from the 1994 field program, Kennecott Canada Inc. terminated its option to explore the 80 Pup property on July 11, 1995.

9.0 REFERENCES

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Mark, D.G., 1991; Geophysical Report on the Induced Polarization and Resistivity Surveys over portions of Various Klondike Properties, Dawson City Area, Dawson Mining District, Yukon.

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Metcalfe, P. 1981., Petrogenesis of the Klondike Formation, Yukon Territory. Unpublished M.Sc. Thesis, University of Manitoba, Winnipeg, Manitoba.

Mortensen, J.K., 1990. Geology and U-Pb geochronology of the Klondike District, west-central Yukon Territory. Canadian Journal of Earth Sciences, Volume 27, pp. 903-914.

Templeman-Kluit, D.J. 1974. Reconnaissance geology of Aishihik Lake, Snag, and part of Stewart River map-areas, west-central Yukon. Geology Survey of Canada, paper 73-41.

STATEMENT OF COSTS:
80-Pup Drilling

Renewal of the Alpha & Dawson claims
Recorded: 14 January 1995

Diamond Drilling							
Hole 94-80-01							
Advanced Drilling	(19-21 August 1994)						
Drilling	Casing						$975.84
	Coring						$18,190.00
Time Charges	Drill (operating)	32.0	hours	@	$29.43	/hour	$941.76
	Labour	97.5	hours	@	$37.66	/hour	$3,671.85
Consumables	Drill mud + other						$1,873.66
Chemex Labs							
	Assays	120	samples	@	$22.47	/sample	$2,696.40
	Shipping	120	samples	@	$5.00	/sample	$600.00
Kennecott							
Core Logging	Geologist	8	man days	@	$275.00	/day	$2,200.00
	Meals + Accommodation	8	man days	@	$100.00	/day	$800.00
Geoteching &	Labour	7	man days	@	$225.00	/day	$1,575.00
Sampling	Meals + Accommodation	7	man days	@	$100.00	/day	$700.00
Drill Hole Surveys &	Geological Technician	1	man days	@	$275.00	/day	$275.00
Drill Set-up	Truck Rental & Fuel	1	days	@	$100.00	/day	$100.00
	Meals + Accommodation	1	man days	@	$100.00	/day	$100.00
Other	All terrain vehicle	0	days	@	$50.00	/day	$0.00
	Sperry Sun Rental	4	days	@	$80.00	/day	$320.00
	Saw Rental	7	days	@	$15.00	/day	$105.00
	Core Boxes	54	boxes	@	$12.00	/box	$648.00
						TOTAL	$35,772.51
Number of Claims Renewed		78	claims		(332 claim years)		
Cost Allotted per Claim Renewed					$107.91	/claim year	

STATEMENT OF COSTS:
80-Pup Drilling

Costs Allotted to Claims
to Renew for two years

Group	Claims	# claims	#claim years	$/Group
80-1-1 (4.25 years)	Dawson 101-110, 117-118, 126, 134, 141,149	16	68	$7,337.95
80-1-2 (4.25 years)	Dawson 111-116,119-124, 127, 135, 142	15	64	$6,879.33
80-1-3 (4.25 years)	Dawson 128-132, 136-138, 143-146	12	51	$5,503.46
80-1-4 (4.25 years)	Dawson 139-140, 147-148, 151-156,160-163	14	60	$6,420.71
80-1-5 (4.25 years)	Dawson 150, 159, 164, 167-172,175-180	15	64	$6,879.33
80-1-6 (4.25 years)	Dawson 157-158, 165-166,173-174;	6	26	$2,751.73
80-1-6 (3.75 years)	Alpha A,B,F,G,	4	11	$1,187.02
80-1-6 (2.75 years)	Alpha M-P	4	15	$1,618.67
	TOTAL	78	332	$35,772.51

STATEMENT OF COSTS:
80-Pup Drilling

Unallocated Drilling							
Diamond Drilling							
Hole 94-80-02							
Advanced Drilling	(August 25-27)						
Drilling	Casing						$1,284.00
	Coring						$10,812.00
Time Charges	Drill (operating)	65.0	hours	@	$29.43	/hour	$1,912.95
	Drill (non-operating)	1.0	hours	@	$17.66	/hour	$17.66
	Labour	28.0	hours	@	$37.66	/hour	$1,054.48
Consumables	Drill mud + other						$1,408.73
Chemex Labs							
	Assays	128	samples	@	$22.47	/sample	$2,876.16
	Shipping	128	samples	@	$5.00	/sample	$640.00
Klondike Transport							
Drill Pad Constructio	D6 Cat & operator	7.5	hours	@	$80.25	/hour	$601.88
& Drill Move	D6 Cat	1.0	hours	@	$53.50	/hour	$53.50
Kennecott							
Core Logging	Geologist	7	man days	@	$275.00	/day	$1,925.00
	Meals + Accommodation	7	man days	@	$100.00	/day	$700.00
Geoteching &	Labour	6	man days	@	$225.00	/day	$1,350.00
Sampling	Meals + Accommodation	6	man days	@	$100.00	/day	$600.00
Drill Hole Surveys &	Geological Technician	1	man days	@	$275.00	/day	$275.00
Drill Set-up	Truck Rental & Fuel	1	days	@	$100.00	/day	$100.00
	Meals + Accommodation	1	man days	@	$100.00	/day	$100.00
Other	All terrain vehicle	0	days	@	$50.00	/day	$0.00
	Sperry Sun Rental	3	days	@	$80.00	/day	$240.00
	Saw Rental	6	days	@	$15.00	/day	$90.00
	Core Boxes	41	boxes	@	$12.00	/box	$492.00
						TOTAL	$26,533.36

STATEMENT OF COSTS:
80-Pup Drilling

Renewal of the Phar, Top & Cab claims
Recorded: 14 January 1995

Diamond Drilling							
Hole 94-80-03							
Advanced Drilling							
Drilling	Casing						$199.02
	Coring						$1,438.57
Time Charges	Drill (operating)	7.0	hours	@	$29.43	/hour	$206.01
	Labour	18.0	hours	@	$37.66	/hour	$677.88
Consumables	Drill mud + other						$1,526.42
Klondike Transport							
Drill Pad Constructio	D6 Cat & operator	10.0	hours	@	$80.25	/hour	$802.50
& Drill Move	D6 Cat	2.0	hours	@	$53.50	/hour	$107.00
Chemex Labs							
	Assays	165	samples	@	$22.47	/sample	$3,707.55
	Shipping	165	samples	@	$5.00	/sample	$825.00
Kennecott							
Core Logging	Geologist	6	man days	@	$275.00	/day	$1,650.00
	Meals + Accommodation	6	man days	@	$100.00	/day	$600.00
		6					
Geoteching &	Labour	6	man days	@	$225.00	/day	$1,350.00
Sampling	Meals + Accommodation	6	man days	@	$100.00	/day	$600.00
Drill Hole Surveys &	Geological Technician	1	man days	@	$275.00	/day	$275.00
Drill Set-up	Truck Rental & Fuel	1	days	@	$100.00	/day	$100.00
	Meals + Accommodation	1	man days	@	$100.00	/day	$100.00
Other	All terrain vehicle	3	days	@	$50.00	/day	$150.00
	Sperry Sun Rental	3	days	@	$80.00	/day	$240.00
	Saw Rental	6	days	@	$15.00	/day	$90.00
	Core Boxes	44	boxes	@	$12.00	/box	$528.00
						TOTAL	$15,172.95
Number of Claims Renewed		63	claims		118	claim years	
Cost Allotted per Claim Renewed					$128.58	/claim year	

STATEMENT OF COSTS:
80-Pup Drilling

Costs Allotted to Claims
to Renew for two years

Group	Claims	# claims	# claim years	$/Group
9480-03A (2 years)	Cab 61, 63, 102; Top 39, 45-46	6	12	$1,543.01
9480-03A (1.5 years)	Phar 1-8	8	12	$1,543.01
9480-03B (2 years)	Top 43-44	2	4	$514.34
9480-03C (2 years)	Top 41-42	2	4	$514.34
9480-03D (2 years)	Top 40	1	2	$257.17
9480-03E (2 years)	Cab 59; Top 37-38	3	6	$771.51
9480-03F (2 years)	Cab 57, 94, 96, 98, 100	5	10	$1,285.84
9480-03G (2 years)	Cab 55, 92, 95, 97, 99, 101	6	12	$1,543.01
9480-03G (1.5 years	Phar 6-7	2	3	$385.75
9480-03H (2 years)	Cab 90, 93	2	4	$514.34
9480-03I (2 years)	Cab 91	1	2	$257.17
9480-03J (2 years)	Cab 109-113	5	10	$1,285.84
9480-03K (2 years)	Top 18-19	2	4	$514.34
9480-03L (2 years)	Top 30	1	2	$257.17
9480-03M (2 years)	Top 20, 31-32	3	6	$771.51
9480-03N (2 years)	Top 6, 21, 33-34	4	8	$1,028.67
9480-03O (2 years)	Top 8	1	2	$257.17
9480-03P (2 years)	Top 22-23, Cab 114	3	6	$771.51
9480-03Q (1.5 years	Phar 9-14	6	9	$1,157.26
	TOTAL	63	118	$15,172.95

STATEMENT OF COSTS:
80-Pup Drilling

Unallocated Work							
Diamond Drilling							
Hole 94-80-04							
Advanced Drilling							
Drilling	Casing						$194.60
	Coring						$6,402.43
Time Charges	Drill (operating)	36.0	hours	@	$29.43	/hour	$1,059.48
	Drill (non-operating)	2.0	hours	@	$17.66	/hour	$35.32
	Labour	98.0	hours	@	$37.66	/hour	$3,690.68
Consumables	Drill mud + other						$645.24
Klondike Transport							
Drill Pad Constructio	D6 Cat & operator	9.5	hours	@	$80.25	/hour	$762.38
& Drill Move	D6 Cat	2.0	hours	@	$53.50	/hour	$107.00
Chemex Labs							
	Assays	60	samples	@	$22.47	/sample	$1,348.20
	Shipping	60	samples	@	$5.00	/sample	$300.00
Kennecott							
Core Logging	Geologist	5	man days	@	$275.00	/day	$1,375.00
	Meals + Accommodation	5	man days	@	$100.00	/day	$500.00
Geoteching &	Labour	7	man days	@	$225.00	/day	$1,575.00
Sampling	Meals + Accommodation	7	man days	@	$100.00	/day	$700.00
Drill Hole Surveys &	Geological Technician	1	man days	@	$275.00	/day	$275.00
Drill Set-up	Truck Rental & Fuel	1	days	@	$100.00	/day	$100.00
	Meals + Accommodation	1	man days	@	$100.00	/day	$100.00
Other	All terrain vehicle	6	days	@	$50.00	/day	$300.00
	Sperry Sun Rental	6	days	@	$80.00	/day	$480.00
	Saw Rental	7	days	@	$15.00	/day	$105.00
	Core Boxes	19	boxes	@	$12.00	/box	$228.00
						TOTAL	$35,456.28

STATEMENT OF COSTS:
80-Pup Drilling

Unallocated Work							
Diamond Drilling							
Hole 94-80-05							
Advanced Drilling	(September 6-12)						
Drilling	Casing						$1,284.00
	Coring						$10,978.13
Time Charges	Drill (operating)	36.0	hours	@	$29.43	/hour	$1,059.48
	Drill (non-operating)	2.0	hours	@	$17.66	/hour	$35.32
	Labour	98.0	hours	@	$37.66	/hour	$3,690.68
Consumables	Drill mud + other						$1,249.31
Klondike Transport							
Drill Pad Constructio	D6 Cat & operator	9.0	hours	@	$80.25	/hour	$722.25
& Drill Move	D6 Cat	2.0	hours	@	$53.50	/hour	$107.00
	TD-25 & operator	4.0	hours	@	$149.80	/hour	$599.20
Chemex Labs							
	Assays	114	samples	@	$22.47	/sample	$2,561.58
	Shipping	114	samples	@	$5.00	/sample	$570.00
Kennecott							
Core Logging	Geologist	6	man days	@	$275.00	/day	$1,650.00
	Meals + Accommodation	6	man days	@	$100.00	/day	$600.00
Geoteching &	Labour	9	man days	@	$225.00	/day	$2,025.00
Sampling	Meals + Accommodation	9	man days	@	$100.00	/day	$900.00
Drill Hole Surveys &	Geological Technician	1	man days	@	$275.00	/day	$275.00
Drill Set-up	Truck Rental & Fuel	1	days	@	$100.00	/day	$100.00
	Meals + Accommodation	1	man days	@	$100.00	/day	$100.00
Other	All terrain vehicle	6	days	@	$50.00	/day	$300.00
	Sperry Sun Rental	6	days	@	$80.00	/day	$480.00
	Saw Rental	9	days	@	$15.00	/day	$135.00
	Core Boxes	36	boxes	@	$12.00	/box	$432.00
						TOTAL	$29,853.95

STATEMENT OF COSTS:
Hunker Creek Area

Renewal of the Maker claims
Recorded: 29 June 1994

Prospecting & Sampling (11, 18, 19, 21, 22, 23, 24, 25 June 1994)

Kennecott

	Geological Technician	15 man days	@	$275.00	/day	$4,125.00
	Truck Rental & Fuel	8 days	@	$100.00	/day	$800.00
	Meals + Accommodation	15 man days	@	$100.00	/day	$1,500.00

Analytical Work

Chemex Labs

	Assays	21 samples	@	$22.47	/sample	$471.87
	Shipping	21 samples	@	$5.00	/sample	$105.00
					TOTAL	$7,001.87

Number of Claims Renewed	65 claims		
Cost Allotted per Claim Renewed		$107.72	/claim

Claims renewed within first three years: Maker 1-65.
No grouping was required.

STATEMENT OF QUALIFICATIONS

I, Stephen de Wit, with business address:

Kennecott Canada Inc.
354-200 Granville Street,
Vancouver, British Columbia
V6C 1S4

and residential address in North Vancouver, British Columbia, do hereby certify that:

1) I am a Geologist with Kennecott Canada Inc.

2) I am a graduate of the University of Calgary with a degree in geology (B.Sc., 1991). and have been involved in geology and mineral exploration continuously since 1988.

3) I have been involved in geology and mineral exploration continuously since 1988, and have worked as a geologist since 1991.

4) This report , the 1994 Annual Report on the 80 Pup Project, is based on work conducted and supervised by myself and my coauthors between April and October 1994.

Stephen de Wit, B.Sc.

14 August 1995

STATEMENT OF QUALIFICATIONS

I, Stephen de Wit, with business address at 354 - 200 Granville Street, Vancouver, B.C., V6C 1S4, hereby certify that:

1) I graduated from the University of Calgary in 1991 with a B.Sc. in Geology.

3) I am a member of the Society of the Economic Geologists.

4) For the past four years as an exploration geologist, and the three seasons prior as a student of geology, I have been actively engaged in mineral exploration in British Columbia, Yukon and Washington.

5) I have no interest, nor do I expect to receive any interest, in the property or any related securities.

6) I, with my co-authors participated in the work described in this report.

Dated at Vancouver, British Columbia, this 27th day of June, 1995.

S.P. de Wit, Geologist..

APPENDIX A

Rock Sample Descriptions

Rock Sample Descriptions

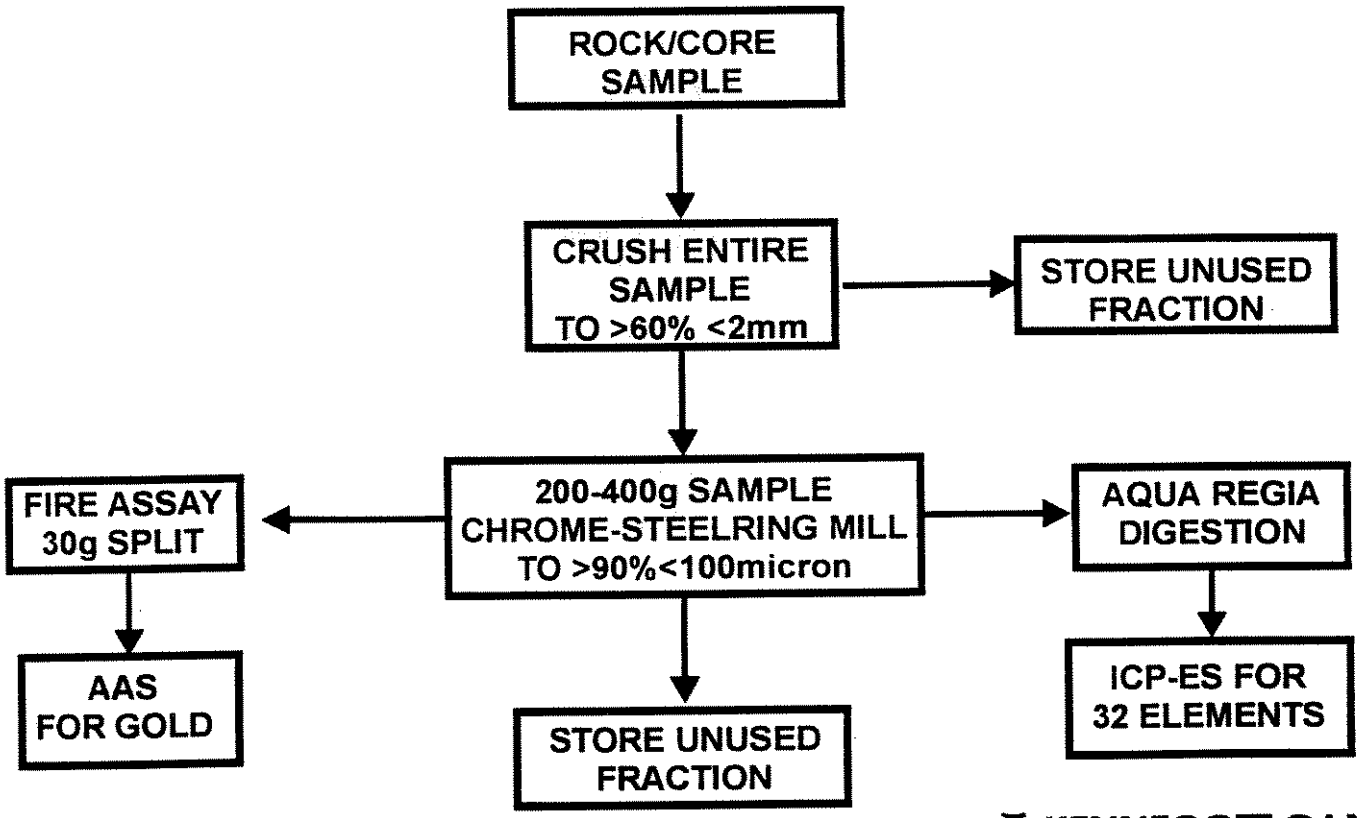
SAMPLE	LOCATION							DESCRIPTION																
			NTS	UTM (m)		GRID (m)				SAMPLE	ROCK	MINERAL 1			MINERAL 2			MINERAL 3			MINERAL 4		
NUMBER	AREA	TRENCH		EAST	NORTH	EAST	NORTH	DATE	SAMPLER	TYPE	TYPE	TYPE	(%)	OCCUR	TYPE	(%)	OCCUR	TYPE	(%)	OCCUR	TYPE	(%)	OCCUR
VR00921A	**E-SCAN**		**115O/14**	**594,888**	**7,097,355**			8/6/94	RLC	FL		JAR	3	STN	FUC	0.1	DIS						
VR00922A	E-SCAN		115O/14	592,205	7,096,467			8/7/94	RLC	SC	KA	FEL	20	EUH	HBL	10	EUH						
VR00923A	E-SCAN		115O/14	592,067	7,097,229			8/7/94	RLC	FL													
VR00925A	E-SCAN		115O/14	593,700	7,098,680			8/18/94	RLC	GR													
VR00926A	E-SCAN		115O/14	593,700	7,098,680			8/18/94	RLC	GR													
VR00927A	E-SCAN		115O/14	593,700	7,098,680			8/18/94	RLC	GR		HBL	15	EUH									
VR01111A	**E-SCAN**		**115O/14**	**592,015**	**7,094,975**			**8/25/94**	**GD**		**QMS**	**CHL**	**2**		**MUS**	**10**		**QTZ**	**85**	**VEN**			
VR01112A	E-SCAN		115O/14	592,060	7,095,380			8/25/94	GD		QTZ	QTZ	100	VEN									
VR01113A	E-SCAN		115O/14	592,085	7,095,850			8/25/94	GD		KMS												
VR01114A	E-SCAN		115O/14	591,735	7,096,201			8/25/94	GD		GS	QTZ	80		GRA	20		PYY	1				
VR01115A	**E-SCAN**		**115O/14**	**591,455**	**7,096,550**			**8/25/94**	**GD**		**GS**	**PYY**	**5**										
VR01116A	**E-SCAN**		**115O/14**	**591,972**	**7,097,711**			**8/26/94**	**GD**		**KBX**												
VR01117A	**E-SCAN**		**115O/14**	**592,201**	**7,097,990**			**8/26/94**	**GD**		**KA**												
VR01118A	**E-SCAN**		**115O/14**	**591,872**	**7,098,145**			**8/26/94**	**GD**		**KBX**												
VR01119A	**E-SCAN**		**115O/14**	**592,421**	**7,098,055**			**8/26/94**	**GD**		**KA**												
VR01120A	**E-SCAN**		**115O/14**	**592,210**	**7,098,470**			**8/26/94**	**GD**			**QTZ**	**40**	**VEN**	**CAL**	**40**	**VEN**						
VR01121A	**E-SCAN**		**115O/14**	**592,210**	**7,098,470**			**8/26/94**	**GD**		**GMS**	**QTZ**		**VEN**									
VR01122A	**E-SCAN**		**115O/14**	**592,210**	**7,098,470**			**8/26/94**	**GD**		**GMS**												
VR01123A	**E-SCAN**		**115O/14**	**592,210**	**7,098,470**			**8/26/94**	**GD**														
VR01124A	E-SCAN		115O/14	592,319	7,099,120			8/27/94	GD		GS												
VR01125A	E-SCAN		115O/14	592,319	7,099,120			8/27/94	GD		GS	LIM	10		QTZ	40	VEN						
VR01128A	E-SCAN		115O/14	596,510	7,097,450			9/30/94	RLC	GR	ETR												
VR01129A	E-SCAN		115O/14	596,510	7,097,450			9/30/94	RLC	GR	ETR												
VR01130A	E-SCAN		115O/14	602,480	7,093,350			9/30/94	RLC	GR		PYY	5	DIS									
VR01701A	E-SCAN		115O/14	591,615	7,096,415			5/6/94	AV	FL	GS	GRA	50	BND	MUSC	20	BAN?	QTZ	<5%		PYY	1	DIS
VR01704A	E-SCAN		115O/14	593,390	7,098,910			5/14/94	AV	FL	WEA	HEM	?										
VR01756A			**115O/14**	**595,595**	**7,097,150**			**7/5/94**	**AV**	**FL**	**?**	**FUC**	**30**										
VR01757A			**115O/14**	**595,595**	**7,097,150**			**7/5/94**	**AV**	**FL**	**?**	**QTZ**	**15**	**VEN**									
VR01758A			**115O/14**	**595,585**	**7,097,120**			**7/5/94**	**AV**	**FL**	**?**	**PYY**	**0.5**	**EUH**	**QTZ**	**20**	**VEN**						
VR01759A			**115O/14**	**595,585**	**7,097,140**			**7/5/94**	**AV**	**FL**	**?**	**QTZ**	**3**	**VEN**									
VR01760A			**115O/14**	**595,585**	**7,097,140**			**7/5/94**	**AV**	**FL**	**rhy**												
VR01761A			**115O/14**	**594,875**	**7,096,075**			**7/5/94**	**AV**	**FL**	**?**	**PYY**	**0.1**	**EUH**	**FUC**	**1**		**FUC**	**1**				
VR01762A			**115O/14**	**594,680**	**7,095,880**			**7/5/94**	**AV**	**FL**	**gs**	**PYY**	**0.1**		**QTZ**	**10**	**VEN**						
VR16566A	ESCAN		115 O/14	594,305	7,097,915	122250	123000	7/23/94	SPD	OT	UMS												
VR16567A	ESCAN		115 O/14	594,305	7,097,915	122250	132000	7/23/94	SPD	OT	UMS												
VR16568A	ESCAN		115 O/14	594,305	7,097,915	122250	123000	7/23/94	SPD	OT	UMS												

VR12345A Klondike Gold Project Samples
VR12345A 80 Pup Project Samples

APPENDIX B

Rock Sample Results

ROCK AND DRILL CORE SAMPLES



LSCHT3.cdr March 1995

KENNECOTT CANADA

Rock Sample Results

SAMPLE NUMBER	Au (ppb)	Au (g/t)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (ppm)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (ppm)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)
VR00921A	10		1.6	0.68	4	330	-0.5	2	0.01	-0.5	-1	199	6	0.35	-10	-1	0.03	-10	0.02	10	3	-0.01	4	170	32	-2	1	4	-0.01	-10	-10	65	-10	2
VR00922A	-5		-0.2	2.48	-2	200	-0.5	-2	0.29	0.5	8	53	10	3.1	-10	-1	0.29	10	1.5	785	-1	0.08	11	940	2	2	6	32	0.01	-10	-10	66	-10	56
VR00923A	-5		-0.2	0.03	-2	70	-0.5	-2	15	-0.5	-1	14	2	0.04	-10	-1	-0.01	-10	0.47	30	-1	0.03	1	70	4	-2	-1	1948	-0.01	-10	-10	3	10	2
VR00924A	-5		0.2	1.76	12	190	-0.5	-2	1.18	-0.5	32	110	47	3.89	-10	-1	0.17	10	1.22	715	11	0.06	5	1200	6	2	9	71	0.16	-10	-10	92	10	72
VR00925A	-5		-0.2	1.93	-2	200	-0.5	-2	0.48	0.5	2	16	8	4.3	20	-1	0.41	30	0.71	350	-1	0.02	25	110	4	2	11	58	-0.01	-10	-10	64	-10	108
VR00926A	5		-0.2	2.36	-2	210	-0.5	-2	1.14	1	8	17	15	3.89	10	1	0.52	20	0.93	1285	1	0.01	19	680	2	2	5	133	-0.01	-10	-10	40	10	72
VR00927A	10		-0.2	1.35	-2	140	-0.5	-2	2.02	0.5	9	59	18	3.5	-10	-1	0.14	10	1.04	650	-1	0.04	19	840	-2	4	10	114	0.03	-10	-10	79	-10	56
VR01111A	40		0.2	0.41	50	150	0.5	-2	0.09	-0.5	3	125	17	1.11	-10	-1	0.26	10	0.13	200	1	0.04	2	180	16	-2	3	7	0.03	-10	-10	8	-10	16
VR01112A	-5		0.2	0.07	12	40	-0.5	-2	0.01	-0.5	1	346	9	0.66	-10	-1	-0.01	-10	0.03	25	5	-0.01	7	60	4	-2	-1	-1	-0.01	-10	-10	4	-10	36
VR01113A	-5		0.2	3.36	8	420	2	-2	1.27	0.5	6	35	30	3.44	10	-1	0.56	30	0.89	210	-1	0.01	14	4710	14	2	6	105	-0.01	-10	-10	59	-10	78
VR01114A	-5		0.4	1.01	14	470	0.5	4	0.59	0.5	6	262	30	1.41	-10	-1	0.2	10	0.79	195	-1	0.01	30	280	20	-2	1	26	-0.01	-10	-10	32	-10	60
VR01115A	-5		0.6	1.67	68	480	1.5	-2	0.09	-0.5	1	326	43	2.68	-10	-1	0.21	20	1.38	70	24	0.03	18	840	40	2	1	24	-0.01	-10	-10	50	-10	66
VR01116A	-5		-0.2	1.6	-2	1810	2	-2	4.51	0.5	13	83	19	3.22	-10	-1	0.37	20	2.56	925	-1	0.04	30	1270	4	2	9	204	-0.01	-10	-10	56	-10	48
VR01117A	-5		0.2	2.48	44	360	1.5	4	0.32	-0.5	3	86	22	3.92	10	-1	0.34	20	1.51	75	1	0.08	18	1350	14	6	5	141	-0.01	-10	-10	64	-10	50
VR01118A	-5		-0.2	1.9	4	580	2	-2	2.4	1	11	134	30	2.88	-10	-1	0.35	10	1.84	925	4	0.03	48	1140	8	4	6	79	-0.01	-10	-10	58	-10	66
VR01119A	-5		0.2	0.68	-2	170	2	-2	2.1	0.5	9	40	25	2.37	-10	-1	0.34	10	1.27	770	1	0.04	42	930	14	2	7	230	-0.01	-10	-10	22	-10	62
VR01120A	-5		-0.2	0.19	56	40	0.5	2	9.09	1.5	27	570	2	1.92	-10	-1	-0.01	-10	11.25	1095	-1	0.01	444	-10	-2	-2	2	261	-0.01	-10	-10	12	10	8
VR01121A	-5		-0.2	0.7	182	1010	1.5	-2	10.95	1	14	562	4	3.34	-10	-1	-0.01	-10	6.42	1260	1	0.01	161	80	2	-2	4	787	-0.01	-10	-10	25	10	28
VR01122A	-5		0.2	0.32	-2	150	1	2	8.51	1	5	152	15	2.85	-10	-1	0.03	-10	4.19	2110	1	0.01	14	180	8	2	7	163	-0.01	-10	-10	13	10	32
VR01123A	-9		0.2	1.41	-2	270	2.5	-2	5.91	1.5	29	73	41	6.33	-10	-1	0.23	-10	2.98	1085	-1	0.01	82	2260	-2	8	8	175	-0.01	-10	-10	49	10	84
VR01124A	-5		-0.2	0.22	20	280	-0.5	-2	0.1	0.5	8	317	18	1.28	-10	-1	0.06	-10	0.07	190	1	-0.01	19	150	2	-2	1	8	-0.01	-10	-10	11	-10	40
VR01125A	-5		-0.2	0.22	8	230	0.5	-2	0.12	1	7	250	20	2.15	-10	-1	0.06	-10	0.07	400	-1	-0.01	24	100	2	2	1	10	-0.01	-10	-10	11	-10	36
VR01128A	-5		1.2	0.88	2	20	2	-2	0.42	-0.5	1	65	2	0.57	-10	-1	0.33	10	0.04	170	1	0.07	2	30	24	-2	-1	12	0.01	-10	10	2	-10	88
VR01129A	-5		1.2	1.04	-2	30	13	-2	0.49	-0.5	-1	70	4	0.51	-10	-1	0.33	30	0.03	95	-1	0.07	3	20	42	-2	-1	6	-0.01	-10	10	1	-10	76
VR01130A	-5		-0.2	1.26	-2	130	-0.5	-2	1.28	-0.5	5	70	18	2.48	-10	-1	0.14	10	0.65	375	1	0.1	2	970	2	-2	3	42	0.12	-10	-10	57	-10	22
VR01701A	-5		0.2	0.87	24	500	-0.5	2	0.12	0.5	6	110	37	1.34	-10	-1	0.16	10	0.58	60	3	0.01	23	200	8	2	1	20	-0.01	-10	-10	17	-10	74
VR01704A	-5		-0.2	3.67	2	1090	-0.5	-2	0.67	0.5	22	53	20	5.79	10	-1	0.4	-10	0.92	185	1	0.03	72	1930	20	4	8	133	-0.01	-10	-10	67	10	120
VR01756A	45		0.2	0.11	72	170	-0.5	2	1.22	1	28	445	33	1.26	-10	-1	-0.01	-10	1.42	305	1	0.01	375	20	-2	-2	1	75	-0.01	-10	-10	6	-10	16
VR01757A	10		-0.2	0.3	54	180	-0.5	10	0.06	1.5	65	1926	37	3.19	-10	-1	-0.01	-10	15	330	-1	-0.01	1128	140	-2	-2	6	7	-0.01	-10	-10	25	20	116
VR01758A	-5		0.4	0.12	8	240	-0.5	-2	9.49	-0.5	3	140	17	2.27	-10	-1	0.05	-10	5.13	3560	-1	0.01	13	410	4	-2	2	298	-0.01	-10	-10	7	20	54
VR01759A	-5		-0.2	0.31	170	100	-0.5	2	0.1	5	58	924	22	3.88	-10	-1	-0.01	-10	0.21	460	5	0.01	762	350	4	-2	4	8	-0.01	-10	-10	13	-10	86
VR01760A	-5		0.4	0.21	78	610	0.5	2	0.03	0.5	19	636	40	1.68	-10	-1	-0.01	-10	0.07	90	1	-0.01	396	180	20	-2	7	12	-0.01	-10	-10	17	-10	46
VR01761A	-5		-0.2	0.23	92	30	-0.5	2	4.4	1	34	890	6	2.13	-10	-1	-0.01	-10	9.85	570	-1	0.01	376	-10	-2	-2	3	273	-0.01	-10	-10	15	10	36
VR01762A	-5		-0.2	0.88	88	590	-0.5	2	1.79	0.5	4	399	21	1.02	-10	-1	0.14	-10	0.78	170	2	-0.01	50	3740	8	-2	2	82	-0.01	-10	-10	91	-10	40
VR16566A	-5		0.8	0.31	116	40	-0.5	-2	0.03	-0.5	22	1246	11	2.1	-10	-1	0.01	-10	0.43	85	-1	-0.01	439	80	-2	-2	5	3	-0.01	-10	-10	19	-10	32
VR16567A	30		0.4	0.75	6	40	-0.5	-2	0.07	-0.5	13	755	13	0.92	-10	-1	0.01	-10	0.94	45	-1	0.01	305	60	6	2	3	6	-0.01	-10	-10	11	-10	70
VR16568A	-5		-0.2	4.22	98	600	1	-2	0.29	1	77	413	45	9.4	20	-1	0.13	10	1.2	740	-1	0.01	522	1190	4	10	28	31	-0.01	-10	-10	160	10	190

VR12345A Klondike Gold Project Samples
VR12345A 80 Pup Project Samples

APPENDIX C

Geotechnical & Geophysical Logs

Kennecott Canada Inc. - Magnetic Suceptibility Log

DRILL HOLE # 9480-01

80 PUP

MAGNETIC SUCEPTIBILITY											
DEPTH	nT	DEPTH	nT	DEPTH	nT	DEPTH	nT	DEPTH	nT	DEPTH	nT
19.8	0.03	66.1	0.16	113.9	0.2	157.6	0.9	203	12.2	300	0.4
23.5	0.07	67.1	0.14	114.9	0.21	158.6	0.86	204	0.21	301	0.2
24.5	0.09	68.1	0.12	115.9	0.09	159.6	9	205	0.18	302	0.1
25.5	0.05	69.2	0.14	116.9	0.18	160.6	11.9	206	0.09	303	0.03
26.6	0.12	70.1	0.18	117.9	0.03	161.6	9.79	207	0.27	304	0.2
27.6	0.09	71.2	0.21	118.9	22.2	162.6	6.33	208	0.2	305	0.2
28.6	0.01	72.2	0.09	120.7	5.98	163.7	1.3	209	0.14	306	0.07
29.6	0.12	73.2	0.2	120.9	26.6	164.7	5.5	210	0.09	307	0.2
30.6	0.12	74.2	0.18	122.9	2.96	165.7	15.1	211	0.05	308	0.2
31	0.18	75.3	0.18	123.8	0.12	166.7	0.05	212	0.03	309	0.1
32	0.14	76.3	0.12	124.8	0.05	167.7	0.04	213	22	310	0.2
32.6	0.16	77.3	0.14	125.8	0.21	168.7	17.7	214	27.9	311	0.1
33	0.14	78.3	0.21	126.8	0.45	169.8	3	215	38.1	312	0.2
35	0.21	79.3	0.36	127.1	0.62	170.8	3.7	216	19.5	313	0.2
35.7	0.16	80.3	4.43	128.1	0.25	171.8	0.64	270	85.5	314	0.2
36.7	0.16	81.3	9.8	129.1	0.21	172.8	8.5	271	30.5	315	0.2
38.7	0.18	82.3	11.2	130.2	0.05	173.8	20.3	272	31.8	316	0.2
39.7	0.21	83.2		131.2	0	174.8	20.1	273	7.8	317	0.2
40.7	0.14	84	31.7	133.2	0.07	175.9	35	274	30.1	318	0.1
41.7	0.2	84.4	19.1	134.2	0.25	176.9	20.8	275	46	319	0.2
41.9	0.2	85.4	12.3	135.2	0.09	177.9	3.8	276	83.5	320	0.2
42.9	0.18	86.4	18.5	136.2	0.03	178.9	0.8	277	65.8	321	0.2
43.9	0.03	86.8	11.4	136.3	0.05	179.9	0.29	278	18.8	322	0.2
44.8	0.31	90.9	23.4	137.3	0.12	180.9	0.54	279	17.4		
45.9	0.23	93.2	28.2	138.2	0.51	181.9	0.1	280	31.9		
46.9	0.21	94.6	29.2	139.3	0.07	182		281	0.3		
48.5	0.16	95.6	23.7	140.5	0.09	183	0.03	282	0.3		
49.5	0.09	96.6	12.2	141.5	0.07	184	0.03	283	0.31		
50.5	0.2	97.6	12.8	142.5	0.07	185	0.1	284	5.4		
51.5	0.18	98.6	20.4	143.6		186	0.05	285	10.6		
52.5	0.18	99.7	100	144.6	12.2	187	0.12	286	26.5		
53.5	0.2	100.7	66.7	145.4	12.2	188	0.05	287	1.4		
54.5	0.18	101.7	49.1	146.4	0.12	189.1	0.71	288	2.2		
55.5	0.14	102.7	82.3	147.2	0.05	190.1	0.23	289	0.1		
56.5	0.2	103.7	70.5	148.2	0.03	191.1	0.2	290	0.1		
57	0.2	104.7	73.7	149.2	0.01	192.1	0.07	291	1.8		
58	0.18	105.8	64.7	150.2	0.01	193.1	0.73	292	30.6		
59	0.31	106.8	50	151.2	0.12	194.2	0.05	293	55.7		
60	0.2	107.8	0.34	151.5	0.2	195.2	0.21	294	34.1		
61	0.16	108.3	6.69	152.5	0.29	196.1	0.2	295	6.1		
62	0.18	109.3	13.4	153.5	2.45	199	2.6	296	10.3		
63	0.18	110.3	0.49	154.5	0.6	200	2.2	297	12.2		
64	0.16	111.9	0.1	155.5	0.69	201	9.5	298	18		
65	0.36	112.9	0.42	156.5	0.95	202	0.32	299	0.4		

Kennecott Canada Inc. - Geotechnical Log

DRILL HOLE # 9480-01

80 PUP

FROM (m)	TO (m)	LENGTH (m)	RECOVERY (m)	RECOVERY %	RQD (m)	RQD %	BREAKAGE COUNT	BREAKAGE COUNT/m
0	8.2	Over Burden						
8.2	11.3	3.1	0.2	6	0	0		
11.3	14.3	3	0.8	26	0.3	10	pebbles	3
14.3	17.4	3.1	0.3	1	0	0	8	2
17.4	19.8	2.4	0.1	5	0	0	6	n/a
19.8	23.5	3.7	0.8	2	0	0	pebbles	n/a
23.5	26.5	3	0.7	4	0	0	17	6
26.5	27.4	0.9	0.9	1	0	0	69	77
27.4	29.6	2.2	0	0	0	0	0	0
29.6	32.6	3	2.7	90	1.1	37	44	15
32.6	35.7	3.1	3	100	1.8	60	36	12
35.7	38.7	3	3	100	1.4	47	27	9
38.7	41.8	3.1	2.4	77	0.9	29	38	12
41.8	44.8	3	3	100	1.8	60	28	9
44.8	47.9	3.1	2.9	94	2.6	84	25	8
47.9	50.9	3	3	100	1.9	63	24	8
50.9	54	3.1	2.6	84	1.4	45	25	15
54	57	3	3	100	1.4	47	47	9
57	60	3	3	100	2.7	90	52	7
60	63.1	3.1	2.7	87	0.7	23	55	18
63.1	66.1	3	2.8	93	1.8	60	36	12
66.1	69.2	3.1	3	97	2.8	90	50+	22
69.2	72.2	3	2.8	93	2.2	73	28	9
72.2	75.3	3.1	2.6	84	0.2	5	50+	25
75.3	77.7	2.4	1.4	58	0	0	50+	30
77.7	80.5	2.8	2.6	93	2.1	75	23	8
80.5	83.5	3	2.9	97	1.9	63	25	8
83.5	84.4	0.9	0.7	78	0.6	67	9	10
84.4	86.8	2.4	2.3	96	1.5	6	31	13
86.8	89.9	3.1	2.9	94	2.4	77	19	6
89.9	93	3.1	2.9	94	0.2	71	27	9
93	93.6	0.6	0.5	83	2.2	33	16	27
93.6	96.6	3	1.7	57	0.5	16	43	14
96.6	99.7	3.1	3.1	100	2.6	84	33	11
99.7	102.7	3	3.1	100	2.6	87	11	4
102.7	105.8	3.1	2.8	90	2.3	74	21	7
105.8	108.8	3	3	100	2.6	87	20	7
108.8	111.9	3.1	2.8	90	2.3	74	23	7
111.9	114.9	3	2.5	83	1.1	37	61	20
114.9	117.9	3	2.9	97	2.4	80	27	9
117.9	120.7	2.8	2.6	93	1.8	69	34	12
120.7	123.8	3.1	2.8	90	1.8	64	31	10
123.8	126.8	3	3	100	2.3	77	24	8
126.8	127.1	0.3	0.3	100	0.2	67	30	22
127.1	130.2	3.1	2	65	1.6	52	28	9
130.2	133.2	3	2.8	93				
133.2	136.3	3.1	3	97	2	66	22	7

Kennecott Canada Inc. - Geotechnical Log

DRILL HOLE # 9480-01

80 PUP

FROM (m)	TO (m)	LENGTH (m)	RECOVERY (m)	RECOVERY %	RQD (m)	RQD %	BREAKAGE COUNT	BREAKAGE COUNT/m
136.3	139.3	3	2.8	93	2.2	73	18	6
139.3	140.5	1.2	1.3	100	0.5	42	18	15
140.5	143.6	3.1	2.3	74	1.8	58	63	21
143.6	145.4	1.8	1.9	100	1.2	67	38	22
145.4	147.2	1.8	1.8	100	0.8	44	48	27
147.2	149	1.8	1.8	100	1.9	100	39	22
149	151.5	2.5	1.9	76	0.9	36	36	15
151.5	154.5	3	2.8	93	1.5	50	40	13
154.5	157.6	3.1	2.8	90	2.1	68	23	7
157.6	160.6	3	3	100	2.8	93	13	4
160.6	163.7	3.1	2.9	94	2	65	40	10
163.7	166.7	3	2.8	93	2.2	73	27	9
166.7	1769.8	3.1	2.5	81	2	65	36	12
169.8	172.8	3	2.7	90	1.6	53	22	7
172.8	175.9	3.1	3	97	2.3	74	24	8
175.9	178.9	3	2.9	97	2.4	80	53	18
178.9	182	3.1	2.6	84	2.6	84	42	14
182	185	3	2.2	73	1.3	43	58	19
185	188.1	3.1	2.5	91	1.8	58	49	16
188.1	191.1	3	2.9	97	2.4	80	33	11
191.1	194.2	3.1	3.1	100	2.9	94	13	4
194.2	197.2	3	2.9	97	2.3	77	22	7
197.2	200.3	3.1	2.8	90	2.5	81	23	7
200.3	203.3	3	2.9	97	1.6	53	14	5
203.3	206.4	3.1	2.8	90	2	65	32	10
206.4	209.4	3	2.9	97	2.4	80	21	7
209.4	212.5	3.1	2.6	84	2.3	74	41	13
212.5	215.5	3	2.9	97	2.6	87	37	12
215.5	218.5	3	2.8	93	2.3	77	18	6
218.5	221.6	3.1	2.9	94	2.4	74	27	9
221.6	224.6	3	2.7	90	2.4	80	10	3
224.6	227.7	3.1	2.9	94	2.6	84	17	6
227.7	230.7	3	3	100	2.1	70	15	5
230.7	233.8	3.1	2.9	94	2.6	84	11	4
233.8	236.5	2.7	2.7	100	2.8	100	18	7
236.5	239.6	3.1	3	97	2.2	71	16	5
239.6	242.6	3	3.1	100	2.1	100	2	0.7
242.6	245.7	3.1	3.3	100	3.1	100	3	1
245.7	246	0.3	0.3	100		67	3	10
246	249	3	2.7	90	2	67	9	3
249	252.1	3.1	2.9	94	2.5	81	8	3
252.1	255.1	3	3	100	3	100	6	2
255.1	258.2	3.1	2.8	90	2.5	91	12	4
258.2	261	2.8	2.8	100	2.7	97	9	3
261	264.1	3.1	2.9	94	2.7	87	9	3
264.1	264.3	0.2	0.3	100	0.25	100	2	7
264.3	267.3	3	2.9	97	2.5	83	15	5

Kennecott Canada Inc. - Geotechnical Log

DRILL HOLE # 9480-01

80 PUP

FROM (m)	TO (m)	LENGTH (m)	RECOVERY (m)	RECOVERY %	RQD (m)	RQD %	BREAKAGE COUNT	BREAKAGE COUNT/m
267.3	270.1	2.7	3	100	2.7	100	10	4
270.1	273.1	3	2.6	87	2.6	87	8	3
273.1	276.3	3.2	3	94	3	94	10	3
276.3	279.5	3.2	3	94	2.6	81	19	6
279.5	282.6	3.1	2.8	90	2.2	71	21	7
282.6	285.6	3.1	2.8	90	2.4	77	24	8
285.6	288.7	3.1	2.8	90	2.3	71	20	7
288.7	291.7	3	2.9	97	2.3	77	11	4
291.7	294.7	3	3	100	2.7	90	14	5
294.7	297.8	3.1	2.7	87	2.2	71	24	8
297.8	300.8	3	3	100	2.5	83	17	6
300.8	303.9	3.1	3	97	2.6	84	24	8
303.9	306.9	3	2.8	93	2.2	73	21	7
306.9	310	3.1	3.1	100	2.6	84	16	5
310	313	3.1	2.9	94	2.7	87	12	4
313	316.1	3.1	2.9	94	2.8	90	12	4
316.1	319.1	3	2.9	97	2.4	80	15	5
319.1	322.2	3.1	2.9	94	2.2	71	18	6
322.2	322.8	0.6	0.6	100	0.3	50	6	10

Kennecott Canada Inc. - Magnetic Suceptibility Log

DRILL HOLE # 9480-02

80 PUP

MAGNETIC SUCEPTIBILITY											
DEPTH	nT	DEPTH	nT	DEPTH	nT	DEPTH	nT	DEPTH	nT	DEPTH	nT
5	0.09	50	0.29	95	0	140	0.01	185	0.25	230	0.03
6	0.05	51	0.12	96	0	141	0.2	186	0.21	231	0.03
7	0.01	52	0.16	97	0	142	0.01	187	0.21	232	0.01
8	0.03	53	0.21	98	0.01	143	0	188	0.01	233	0.07
9	0.03	54	0.14	99	0.07	144	0	189	0	234	0.09
10	0.03	55		100	0	145	0	190	0.23	235	0.03
11	0.03	56	0.36	101	0	146	0	191	0.03	236	0
12	0.01	57	0.14	102	0	147	0.09	192	0.25	237	0.03
13	0.01	58	0.34	103	0	148	0	193	0.09	238	0.09
14	0	59	0.4	104	0	149	0.05	194	0.03	239	0.23
15	0.03	60	0.32	105	0.01	150	0	195	0	240	0.27
16	0.05	61	0.23	106	0.01	151	0	196	0	241	0.09
17	0.01	62	0.34	107	0	152	0	197	0	242	0.12
18	0.03	63	0.25	108	0.05	153	0	198	0		
19	0.01	64	0.27	109	0.07	154	0.01	199	0		
20	0.01	65	0.2	110	0.02	155	0	200	0		
21	0.05	66	0.27	111	0.05	156	0	201	0.01		
22	0.01	67	0.29	112	0.03	157	0	202	0		
23	0.05	68	0.27	113	0	158	0	203	0		
24	0.03	69	0.24	114	0.01	159	0	204	0.01		
25	0.03	70	0.25	115	0	160	0.01	205	0.01		
26	0.03	71	0.31	116	0.01	161	0.03	206	0.01		
27	0.05	72	0.31	117	0.01	162	3	207	0.03		
28	0.03	73	0.1	118	0.1	163	0.01	208	0.2		
29	0.03	74	0.2	119	0.03	164	0	209	0		
30	0.01	75	0.36	120	0.05	165	0.07	210	0		
31	0.01	76	0.31	121	0.05	166	0.01	211	0		
32	0.01	77	0.34	122	0.02	167	0.1	212	0		
33	0.03	78	0.36	123	0.03	168	0.12	213	0.05		
34	0.07	79	0.25	124	0.05	169	0.07	214	0.03		
35	0.01	80	0.32	125	0.1	170	0.07	215	0		
36	0.01	81	0.32	126	0.05	171	0.14	216	0.01		
37	0.01	82	0.09	127	0	172	0.09	217	0		
38	0.01	83	0.21	128	0	173	0.01	218	0.01		
39	0	84	0	129	0.05	174	0.18	219	0		
40	0.12	85	0.05	130	0.03	175	0	220	0		
41	0	86	0.03	131	0.01	176	0.01	221	0.01		
42	0.12	87	0	132	0.01	177	0	222	0		
43	0.1	88	0.01	133	0.01	178	0	223	0.04		
44	0.36	89	0	134	0	179	0	224	0.03		
45	0.05	90	0	135	0.01	180	0	225	0.01		
46	0.05	91	0.01	136	0.01	181	0	226	0.05		
47	0.14	92	0	137	0.01	182	0.01	227	0.07		
48	0.29	93	0	138	0.01	183	0	228	0.09		
49	0.25	94	0	139	0	184	0.01	229	0.07		

Kennecott Canada Inc. - Geotechnical Log

DRILL HOLE # 9480-02

80 PUP

FROM (m)	TO (m)	LENGTH (m)	RECOVERY (m)	RECOVERY %	RQD (m)	RQD %	BREAKAGE COUNT	BREAKAGE COUNT/m
4.5	7.3	2.8	1	36	0.2	7	36	13
7.3	8.2	0.9	0.5	56	0.25	28	13	14
8.2	11.3	3.1	1.1	36	0	0	34	11
11.3	14.3	3.1	1.4	45	0.4	13	41	13
14.3	17.4	3.1	1.4	45	0.2	6	50+	17
17.4	20.4	3	1.3	43	0.4	13	48	16
20.4	23.5	3.1	0.8	26	0	0	35	11
23.5	26.5	3.1	1.3	42	0.1	3	50+	26
26.5	29.6	3.1	0.8	36	0.15	5	50+	19
29.6	32.6	3.1	1.6	19	0	0	35	11
32.6	35.7	3.1	1.6	52	0.1	3	50+	36
35.7	38.7	3	1.2	40	0	0	50+	28
38.7	41.8	3.1	1.7	55	0.3	10	50+	23
41.8	44.8	3	0.8	27	0.2	7	44	15
44.8	47.8	3	1.6	53	0.8	27	36	12
47.8	50.9	3.1	0.9	29	0.2	6	50+	17
50.9	54	3.1	2	65	0.6	19	50+	19
54	57	3	1.3	43	0.3	10	33	19
57	60.1	3.1	1.7	55	0.6	19	19	6
60.1	63.5	3.4	1.4	41	1	29	26	8
63.5	65.5	2.4	1.3	54	0.7	29	40	17
65.5	67.7	2.2	1.8	82	0.7	32	45	21
67.7	69.7	2	1.4	70	0.3	15	31	25
69.7	71.3	1.6	1.4	44	0.4	25	21	13
71.3	73.2	1.9	1.5	79	0.5	26	36	19
73.2	74.7	1.5	1.5	100	0.1	7	33	22
74.7	77.1	2.4	2.3	96	0.5	21	29	12
77.1	78.9	1.8	1.7	95	0.7	39	27	15
78.9	80.2	1.3	2.4	100	0.4	31	21	16
80.2	83.2	3	2	67	1.4	47	35	12
83.2	85.7	2.5	2	80	1.3	52	29	12
85.7	86.6	0.9	0.7	78	0.6	67	5	6
86.6	89	2.4	0.5	21	0	0	53	22
89	92.1	3.1	2.1	68	1	32	37	12
92.1	92.4	0.3	0.2	67	0	0	sandy	n/a
92.4	94.2	1.8	0.2	11	0	0	sandy	n/a
94.2	96	1.8	0.2	11	0	0	sandy	n/a
96	98.2	2.2	0.5	23	0	0	44	20
98.2	99.7	1.5	0.7	47	0	0	59	39
99.7	101.2	1.5	0.3	20	0	0	23	15
101.2	103.8	2.6	0.3	12	0	0	15	7
103.8	105.8	2	2.1	100	1	50	32	16
105.8	108.8	3	0.9	30	0	0	15	5
108.8	111.9	3.1	0.5	16	1.5	48	65	21
111.9	112.8	0.9	0.2	22	0	0	21	23
112.8	114.9	2.1	0.4	26	0	0	70	33
114.9	116.4	1.5	0.2	13	0	0	sandy	n/a

Kennecott Canada Inc. - Geotechnical Log

DRILL HOLE # 9480-02

80 PUP

FROM (m)	TO (m)	LENGTH (m)	RECOVERY (m)	%	RQD (m)	%	BREAKAGE COUNT	COUNT/m
116.4	118	1.6	0.3	19	0	0	35	22
118	121	3	1.6	53	1	33	45	15
121	124.1	3.1	1.5	48	1.3	42	34	11
124.1	127.1	3	2.5	83	1.9	63	26	8
127.1	130.2	3.1	1.6	52	1.8	56	25	8
130.2	133.2	3	3	23	2	67	36	12
133.2	136.3	3.1	1.7	55	1.8	26	21	7
136.3	139.3	3	1.1	37	0.4	13	44	15
139.3	142.3	3	1.1	37	0.3	10	32	11
142.3	145.4	3.1	1	32	2.7	10	71	23
145.4	148.4	3	3	100	2.3	90	16	5
148.4	151.7	3.3	3	88	2.6	77	16	5
151.7	154.5	2.8	2.8	47	2.8	100	28	10
154.5	157.6	3.1	3	100	2.5	100	14	5
157.6	160.6	3	2.5	83	2	67	23	8
160.6	163.7	3.1	2.1	68	2.2	71	18	5
163.7	166.8	3.1	2.2	71	1.7	55	26	8
166.8	169.8	3	2.9	97	2.7	90	16	5
169.8	172.8	3	3.1	100	1.6	53	17	6
172.8	175.9	3.1	2.8	90	1.5	48	16	5
175.9	177.7	1.8	2.7	100	0.6	33	36	20
177.7	178.9	1.2	0.9	75	0.7	58	6	5
178.9	182	3.1	2.6	84	1.7	55	41	13
182	185	3	2.7	90	0.6	20	39	13
185	188	3	2.9	97	2.8	87	19	6
188	189.9	1.9	1.2	63	0.6	32	26	14
189.9	192.9	3	2.6	87	2.2	73	17	6
192.9	196	3.1	2.7	87	1.8	58	30	10
196	198.1	2.1	2.5	100	1.1	52	pebbles	n/a
198.1	200.3	2.2	1	46	0.1	5	31	31
200.3	201.7	1.4	0.9	64	1.2	14	chips	n/a
201.7	203.9	2.2	0.9	41	0.4	18	26	12
203.9	206.4	2.5	2	80	1.1	44	26	10
206.4	209.4	3	2.3	77	1.3	43	46	15
209.4	210.9	1	1.3	100	0.6	60	43	43
210.9	212.5	1.6	1.2	75	0.3	19	23	14
212.5	215.5	3	2.7	90	0.9	30	67	22
215.5	218.5	3	2.7	90	1.3	43	37	12
218.5	221.6	3.1	2.6	84	2	66	30	10
221.6	224.6	3	2.9	97	2.5	83	21	7
224.6	227.7	3.1	2.9	94	1.6	52	30	10
227.7	230.8	3.1	2.8	90	1	32	48	16
230.8	233.8	3	2.9	97	1.2	40	58	19
233.8	236.8	3	2.4	84	0.9	29	53	17
236.8	239.9	3.1	2.7	90	1.6	53	32	11
239.9	242.9	3	2.8	92	1.8	60	28	9

Kennecott Canada Inc. - Magnetic Suceptibility Log

DRILL HOLE # 9480-03

80 PUP

MAGNETIC SUCEPTIBILITY											
DEPTH	nT	DEPTH	nT	DEPTH	nT	DEPTH	nT	DEPTH	nT	DEPTH	nT
4	0.01	53	0.21	102	0.18	151	0.12	200	0.01	249	0.01
5	0.01	54	0.14	103	0.14	152	0.1	201	0.01	250	0.01
6	0.01	55	0.21	104	0.09	153	0.1	202	0	251	0
7	0.01	56	0.09	105	0.07	154	0.09	203	0	252	0.14
8	0.03	57	0.12	106	0.12	155	0.05	204	0.01	253	0.09
9	0.03	58	0.16	107	0.25	156	0.05	205	0.01	254	0.12
10	0.04	59	0.14	108	0.12	157	0.2	206	0.08	255	0.1
11	0.03	60	0.18	109	0.1	158	0.09	207	0	256	0.05
12	0.06	61	0.16	110	0.14	159	0.09	208	0.01	257	0.07
13	0.03	62	0.2	111	0.07	160	0.12	209	0.01	258	0.36
14	0.03	63	0.09	112	0.05	161	0.07	210	0	259	0.09
15	0.05	64	0.18	113	0.03	162	0.07	211	0.01	260	0.12
16	0.05	65	0.16	114	0.03	163	0.09	212	0	261	0.1
17	0.03	66	0.25	115	0.05	164	0.1	213	0	262	0.32
18	0.03	67	0.2	116	0.01	165	0.1	214	0	263	0.03
19	0.05	68	0.14	117	0.07	166	0.09	215	0.01		
20	0.04	69	0.18	118	0.14	167	0.07	216	0.01		
21	0.05	70	0.16	119	0.05	168	0.05	217	0.01		
22	0.03	71	0.2	120	0.09	169	0.05	218	0.01		
23	0.1	72	0.1	121	0.1	170	0.03	219	0		
24	0.07	73	0.14	122	0.14	171	0.05	220	0.01		
25	0.05	74	0.1	123	0.09	172	0.03	221	0		
26	0.03	75	0.12	124	0.05	173	0	222	0		
27	0.38	76	0.08	125	0.03	174	0.01	223	0.01		
28	0.09	77	0.14	126	0.07	175	0.01	224	0.01		
29	0.07	78	0.03	127	0.07	176	0.01	225	0		
30	0.1	79	0.16	128	0.18	177	0.05	226	0		
31	0.09	80	0.05	129	0.07	178	0.05	227	0		
32	0.09	81	0.05	130	0.07	179	0.03	228	0		
33	0.1	82	0.03	131	0.12	180	0.21	229	0		
34	0.07	83	0.01	132	0.09	181	0.27	230	0		
35	0.07	84	0.07	133	0.07	182	0.03	231			
36	0.09	85	0.07	134	0.14	183	0.07	232	1		
37	0.16	86	0.16	135	0.05	184	0.05	233	0		
38	0.14	87	0.12	136	0.18	185	0.01	234	0		
39	0.21	88	0.05	137	0.07	186	0.03	235	0		
40	0.16	89	0.09	138	0.1	187	0	236	0		
41	0.21	90	0.1	139	0.09	188	0	237	0		
42	0.18	91	0.12	140	0.12	189	0.03	238	0		
43	0.18	92	0.07	141	0.14	190	0	239	0		
44	0.18	93	0.14	142	0.16	191	0	240	0		
45	0.18	94	0.14	143	0.05	192	0	241	0		
46	0.18	95	0.12	144	0.09	193	0.01	242	0.01		
47	314	96	0.07	145	0.14	194	0.03	243	0.01		
48	0.21	97	0.12	146	0.07	195	0	244	0		
49	0.16	98	0.2	147	0.05	196	0	245	0.05		
50	0.21	99	0.05	148	0.09	197	0	246	0.03		
51	0.16	100	0.14	149	0.09	198	0	247	0.01		
52	0.21	101	0.01	150	0.12	199	0.01	248	0.01		

Kennecott Canada Inc. - Geotechnical Log

DRILL HOLE # 9480-03

80 PUP

FROM (m)	TO (m)	LENGTH (m)	RECOVERY (m)	RECOVERY %	ROD (m)	ROD %	BREAKAGE COUNT	BREAKAGE COUNT/m
3.1	4	0.9	0.6	55	0	0	21	19
4	7	3	0.3	10	0.11	4	15	5
7	8.8	1.8	0.3	17	0	0	pebbles	n/a
8.8	44.3	2.5	0.4	16	0	0	15	6
11.3	48.3	3	0.6	20	0	0	13	4
14.3	17.4	3.1	0.7	23	0.5	16	sandy	n/a
17.4	20.4	3	0.5	17	0	0	sandy	n/a
20.4	23.5	3.1	0.3	10	0	0	sandy	n/a
12.5	26.5	3	0.4	13	0	0	pebbles	n/a
26.5	29.6	3.1	0.7	23	0	0	sandy	n/a
29.6	32.6	3	0.5	17	0	0	13	4
32.6	35.7	3.1	0.5	16	0.1	3	sandy	n/a
35.7	38.7	3	2.3	77	1.3	43	pebbles	n/a
38.7	41.8	3.1	2.8	90	2.5	81	22	7
41.8	44.8	3	2.8	93	2	67	18	6
44.8	47.8	3	2.8	93	1.8	60	30	11
4738	50.1	2.3	2.7	100	2	87	22	10
50.1	54	3.9	2.3	59	1.1	28	41	11
54	57	3	2.1	70	0.7	23	44	15
57	60.1	3.1	2.6	84	1.9	61	40	13
60.4	63.1	3	2.4	80	1	33	43	14
63.1	64.2	1.1	0.7	64	0	0	19	17
64.2	66.1	1.9	0.6	32	0.1	5	pebbles	n/a
66.1	68.6	2.5	1.5	60	0.6	24	34	14
68.6	71.3	2.7	2.2	82	0.8	30	41	15
71.3	73.2	1.9	4.7	90	1.7	89	7	4
73.2	74.7	1.5	0.7	47	0.4	27	19	13
74.7	76.8	2.1	0.9	43	0.4	19	21	10
76.8	79.6	2.8	1.7	61	0.6	22	45	16
79.6	81.4	1.8	1	56	0.3	17	33	18
81.4	83.8	2.4	2.2	91	1.2	50	24	10
83.8	86.1	2.3	0.8	35	0	0	pebbles	n/a
86.1	88.1	2	2	100	0.4	20	pebbles	n/a
88.1	90.1	2.1	2	95	1.3	62	16	7
90.1	93.6	3.5	2.7	77	1.2	3	24	7
93.6	95.7	2.1	1.5	71	0.4	19	30	14
95.7	98.8	3.1	2.9	94	1.6	52	23	7
98.8	101.5	2.7	2.7	100	1	37	31	12
101.5	103.6	2.1	2	95	1.3	62	20	10
103.6	104.9	1.5	0.8	53	0.2	13	21	14
104.9	106.4	1.5	1.5	100	0.7	47	29	19
106.4	108.8	2.2	2.3	100	1.1	50	33	15
108.8	111	2.2	1.9	86	0.7	32	34	16
111	113.1	2.1	2.6	100	0.6	29	31	15
113.1	114.3	1.2	1.4	100	0	0	pebbles	n/a

Kennecott Canada Inc. - Geotechnical Log

DRILL HOLE # 9480-03

80 PUP

FROM (m)	TO (m)	LENGTH (m)	RECOVERY (m)	RECOVERY %	RQD (m)	RQD %	BREAKAGE COUNT	BREAKAGE COUNT/m
114.3	116.7	2.3	1.8	78	1	44	33	15
116.7	118.9	2.2	1.3	59	0	0	50+	n/a
118.9	121	2.1	1.9	91	0.3	14	45	21
121	123.1	2.1	1.6	76	0.5	24	50+	n/a
123.1	125.3	2.2	2.2	100	0.4	18	50+	n/a
125.1	127.1	2	1.7	85	1.1	55	25	13
127.1	130.2	3.1	2.9	94	2.1	68	30	10
130.2	133.2	3	2.3	87	0.8	27	50+	n/a
133.2	136.3	3.1	2.5	81	1.8	58	34	11
136.3	139.3	3	2.7	90	1.1	37	48	16
139.3	142.3	3	2.9	97	1.7	57	27	9
142.3	145.4	3.1	3	97	1.3	42	25	8
145.4	148.4	3	2.8	93	1.3	43	34	11
148.4	151.5	3.1	3	97	1.3	42	39	13
151.5	154.5	3	2.9	97	0.9	30	47	16
154.5	157.6	3.1	2.6	84	1.4	45	38	12
157.6	160.6	2.9	2.9	100	0.6	21	48	17
160.3	163.7	3	3	100	1	33	44	2
163.7	166.7	3	2.8	93	0.2	7	50+	n/a
166.7	169.8	3.1	1.4	45	0.1	3	50+	n/a
169.8	172.4	2.6	2	77	0	0	50	n/a
172.4	175.3	2.9	2.5	86	0	0	50+	n/a
175.3	178.9	3.1	3.1	100	1.3	42	47	15
178.9	182	3.1	3	97	1.5	48	43	14
182	185	3	3	100	0.8	27	46	15
185	188.1	3.1	2.6	84	0.5	16	50+	n/a
188.1	191.1	3	2.2	73	0.2	7	50+	n/a
191.1	193.2	2.1	1.5	72	0	0	pebbles	n/a
193.2	195.7	2.5	1.8	72	0.4	16	40	16
195.7	197.2	1.5	1.3	87	0.5	33	31	21
197.2	200.3	3.1	2.8	90	1.8	58	47	16
200.3	203.3	3	2.8	93	1.6	53	35	12
203.3	206.4	3.1	2.7	87	0.8	26	39	13
206.4	207.3	0.9	0.7	78	0.3	33	packed dirt	n/a
207.3	209.4	2.1	1.8	86	0	0	pebbles	n/a
209.4	212.5	3.1	2.3	74	1	32	50+	n/a
212.5	215.5	3	3	100	2.3	77	25	8
215.5	218.6	3.1	2.6	65	1.4	45	40	13
218.6	221.6	3	2.5	83	1.8	60	26	9
221.6	223.4	1.8	2.2	100	1.4	78	24	13
223.4	225.6	2.2	1.3	59	1.1	46	50+	n/a
225.6	228.6	3	2.8	93	1	33	50+	n/a
228.6	230.3	1.7	1.9	100	0.9	64	33	19
230.3	232.3	2	0.5	25	0	0	pebbles	n/a
232.3	233.2	0.9	0.3	33	0	0	pebbles	n/a

Kennecott Canada Inc. - Geotechnical Log

DRILL HOLE # 9480-03

80 PUP

FROM (m)	TO (m)	LENGTH (m)	RECOVERY (m)	RECOVERY %	ROD (m)	ROD %	BREAKAGE COUNT	BREAKAGE COUNT/m
233.2	235.7	2.5	1.7	68	1.1	44	50+	n/a
235.7	236.8	0.5	0.3	60	0.3	60	2	4
236.8	239.9	3.1	3	97	2	65	32	10
239.9	242.9	3	2.9	97	1.4	47	21	7
252.9	246	3.1	3	97	1.2	39	28	9
246	249	3	3.1	100	1.9	63	38	13
249	252.1	3.1	2.6	84	1.7	55	40	13
252.1	255.1	3	2.9	97	2	67	34	11
255.1	258.2	3.1	2.1	68	0.7	23	50+	n/a
258.2	261.2	3	2.8	93	1.3	43	42	14
261.2	263.3	3.1	2.9	94	0.8	26	30	10

Kennecott Canada Inc. - Magnetic Suceptibility Log

DRILL HOLE # 9480-04

80 PUP

MAGNETIC SUCEPTIBILITY											
DEPTH	nT	DEPTH	nT	DEPTH	nT	DEPTH	nT	DEPTH	nT	DEPTH	nT
3.1	0.23	48	0.07	93	0.1						
4	0.75	49	0.05	94	0.09						
5	0.07	50	0.09	95	0.09						
6	0.14	51	0.2	96	0.16						
7	0.14	52	0.05	97	0.12						
8	0.09	53	0.09	98	0.14						
9	0.23	54	0.12	99	0.12						
10	0.21	55	0.16	100	0.12						
11	0.12	56	0.12	101	0.12						
12	0.23	57	0.12	102	0.14						
13	0.23	58	0.12	103	0.1						
14	0.07	59	0.16	104	0.1						
15	0.05	60	0.12	105	0.12						
16	0.07	61	0.12	106	0.14						
17	0.29	62	0.09	107	0.12						
18	0.29	63	0.18	108	0.09						
19	0.05	64	0.1	109	0.12						
20	0.05	65	0.14	110	0.16						
21	0.05	66	0.21	111	0.12						
22	0.09	67	0.05								
23	0.09	68	0.09								
24	0.18	69	0.12								
25	0.05	70	0.1								
26	0.12	71	0.1								
27	0.45	72	0.12								
28	0.12	73	0.12								
29	0.1	74	0.14								
30	0.14	75	0.16								
31	0.09	76	0.1								
32	0.16	77	0.12								
33	0.16	78	0.1								
34	0.09	79	0.14								
35	0.18	80	0.14								
36	0.12	81									
37	0.07	82									
38	0.07	83									
39	0.23	84									
40	0.34	85									
41	0.42	86									
42	0.12	87									
43	0.25	88									
44	0.14	89									
45	0.47	90	0.12								
46	0.14	91	0.14								
47	0.07	92	0.1								

Kennecott Canada Inc. - Geotechnical Log

DRILL HOLE # 9480-04

80 PUP

FROM (m)	TO (m)	LENGTH (m)	RECOVERY (m)	RECOVERY %	RQD (m)	RQD %	BREAKAGE COUNT	BREAKAGE COUNT/m
3.1	5.2	2.1	0.7	33	0	0	packed mud	
5.2	8.2	3.1	1	32	0	0	pebbles	
8.2	9.8	1.6	1	63	0	0	pebbles+mud	
9.8	10.5	0.7	0.5	72	0	0	pebbles	
10.5	17.4	2.9	1.3	45	0.2	7	pebbles	
17.4	19.8	2.4	1.7	71	0.4	17	packed mud	
19.8	20.9	1.1	0	0	0	0	0	0
20.9	23.5	2.6	1.5	58	0.4	15	50+	n/a
23.5	26.5	3	1.5	50	0.5	17	21	7
26.5	29.6	3.1	1.5	49	0.7	25	packed mud	
29.6	31.4	1.8	1.1	61	0.1	6	43	24
31.4	33.2	1.8	1.5	83	0.6	33	31	17
33.2	35.7	2.5	1.7	68	0.5	20	41	16
35.7	38.1	2.4	2	83	0.9	38	24	10
38.1	40.2	2.1	1.3	62	0.3	14	pebbles	
40.2	41.8	1.6	1.2	75	0.7	44	11	7
41.8	44.8	3	1.5	50	0.4	13	32	11
44.8	47.9	3.1	2.5	91	1.6	52	37	12
47.9	50	2.1	2	95	1.1	52	40	19
50	53	3	1.5	50	1.6	63	41	14
53	56.1	3.1	2.4	77	1.9	61	27	9
56.1	56.4	0.3	0.3	100	0.2	67	2	7
56.4	58.8	2.4	2.2	92	1.9	79	27	11
58.8	59.4	0.6	0.5	83	0.2	33	14	23
59.4	61.8	2.4	2	84	1.1	46	26	11
61.8	64.3	2.5	2.1	84	1.5	60	27	11
64.3	66.1	1.8	1.8	100	1.7	95	5	3
66.1	69.2	3.1	2.5	81	1.8	58	19	6
69.2	71.9	2.7	3	100	2.8	100	15	6
71.9	75.1	3.2	2.9	83	2.7	84	11	5
75.1	78.2	3.1	3	97	2.8	90	9	2
78.2	81.4	3.2	2.9	91	2.7	84	2	62
81.4	84.4	3	2.9	97	2.8	93	7	21
84.4	87.5	3.1	3	97	2.8	90	6	2
87.5	90.5	3	2.8	93	2.6	87	11	4
90.5	93.6	3.1	2.8	90	1.8	58	11	4
93.6	94.2	0.8	0.7	88	0.7	88	8	10
94.2	96.6	2.4	1.8	75	1.6	67	5	2
96.6	99.7	3.2	3.1	100	2.9	94	5	2
99.7	102.7	3	2.6	87	2	67	33	11
102.7	105.8	3.1	2.7	87	2	65	33	11
105.8	108.8	3	2.7	90	1.3	43	20	7
108.8	111	2.2	2	91	1.8	59	11	5
111								

Kennecott Canada Inc. - Geotechnical Log

DRILL HOLE # 9480-05

80 PUP

FROM (m)	TO (m)	LENGTH (m)	RECOVERY (m)	RECOVERY %	RQD (m)	RQD %	BREAKAGE COUNT	BREAKAGE COUNT/m
29.5	31.4	1.5	0.1	7	0	0	pebbles	n/a
31.4	35.7	4.3	2.2	51	1.2	30	50+	n/a
35.7	38.1	2.5	1.9	76	0.6	25	50+	n/a
38.1	41.2	3.1	2.5	81	0.8	25	50+	n/a
41.2	41.8	0.6	0.6	100	0.6	100	6	10
41.8	44.8	3	2.7	90	2.4	80	39	1
44.8	47.9	3.1	2.6	84	2.1	68	36	12
47.9	50.9	3	2.9	97	2.5	83	17	6
50.9	54	3.1	2.7	87	1.4	45	40	13
54	57	3	3	100	1.4	47	50+	n/a
57	60.1	3.1	3	98	2.8	90	13	4
60.1	63.1	3	3	100	2.8	93	18	6
63.1	66.1	3	2.9	97	2.5	83	25	8
66.1	69.2	3.1	3	98	2.3	65	32	10
69.2	72.2	3	2.5	83	1.8	60	32	11
72.2	75.3	3.1	2.9	95	1.9	61	30	10
75.3	78.3	3	2.9	97	2.5	83	19	6
78.3	81.4	3.1	2.7	87	2.1	68	36	12
81.4	84.4	3	2.8	93	2.2	73	29	10
84.4	87.5	3.1	2.9	94	2.8	90	14	6
87.5	90.5	3	2.9	97	2.4	80	28	9
90.5	93.6	3.1	2.7	87	1.8	58	44	14
93.6	96.6	3	3	100	2.7	90	19	6
96.6	99.7	3.1	2.4	76	2.3	97	17	3
99.7	100.6	0.9	0.8	89	0.8	89	3	3
100.7	102.7	2.1	2.2	100	2.1	100	10	5
102.7	105.8	3.1	3	97	2.8	90	11	4
105.8	108.8	3	3	100	3	100	4	1
108.8	111.9	3.1	2.4	77	1.8	56	22	7
111.9	114.9	3	3.1	100	2.4	42	17	6
114.9	118	3.1	3	97	2.8	86	14	5
118	121	3	2.9	97	2.3	77	18	6
121	122.5	1.5	0.3	20	0	0	pebbles	n/a
122.5	125.6	3.1	2.7	87	2.1	68	26	8
125.6	127.1	1.5	1.8	100	1.6	100	13	9
127.1	130.2	3.1	3.1	100	2.4	77	26	8
130.2	133.2	3	1.8	60	1.2	40	pebbles	n/a
133.2	136.3	3.1	2.7	87	2	66	47	15
136.3	139.3	3	3	100	2.5	85	15	15
139.3	142.3	3	2.9	97	2.7	90	14	7
142.3	145.4	3.1	2.8	90	1.9	61	45	15
145.4	148.4	3	2.9	97	2.1	70	23	8
148.4	151.5	3.1	3.1	100	3	97	9	3
151.5	154.5	3	3.1	100	3	100	6	2
154.5	157.6	3.1	2.9	94	2.5	81	15	5
157.6	160.6	3	3	100	2.8	93	15	5
160.6	163.7	3.1	3.1	100	2.5	81	18	6

Kennecott Canada Inc. - Geotechnical Log

DRILL HOLE # 9480-05

80 PUP

FROM (m)	TO (m)	LENGTH (m)	RECOVERY (m)	RECOVERY %	RQD (m)	RQD %	BREAKAGE COUNT	BREAKAGE COUNT/m
163.7	166.7	3	2.9	97	2.3	77	17	6
166.7	169.8	3.1	3	97	2.9	94	8	3
169.8	172.8	3	2.9	97	2.1	70	11	4
172.8	175.6	2.8	2.8	100	2.1	75	17	6
175.6	177.7	2.1	1.6	76	1	48	15	7
177.7	180.8	3.1	3	97	2	65	24	8
180.8	182.9	2.1	1.3	62	0.7	33	26	12
182.9	183.5	0.6	0.4	67	0	0	pebbles	n/a
183.5	184.4	0.9	1	100	0.6	67	20	22
184.4	187.5	3.1	2.9	94	1.9	61	30	10
187.5	188.1	0.6	0.7	100	0.7	100	3	5
188.1	191.1	3	0.3	100	2.8	93	4	13
191.1	194.2	3.1	2.9	94	2.9	95	5	2
194.2	197.2	3	3	100	2	67	6	2
197.2	200.3	3.1	3	97	2.6	84	14	5
200.3	203.3	3	3.1	100	2.7	90	10	3
203.3	206.4	3.1	3	97	3	97	6	2
206.4	209.4	3	3	100	2.9	97	9	3
209.4	212.5	3.1	2.9	94	2.5	81	12	4
212.5	215.5	3	2.7	90	2	67	15	3

Kennecott Canada Inc. - Magnetic Suceptibility Log

DRILL HOLE # 9480-05

80 PUP

MAGNETIC SUCEPTIBILITY

DEPTH	nT	DEPTH	nT	DEPTH	nT	DEPTH	nT	DEPTH	nT	DEPTH	nT
39	0.14	84	0.16	130	0.16	175	0.09				
40	0.16	85	0.16	131	0.09	176	0.12				
41	0.31	86	0.14	132	0.18	177	0.71				
42	0.51	87	0.12	133	0.2	178	0.12				
43	0.25	88	0.14	134	0.21	179	0.16				
44	0.15	89	0.09	135	0.09	180	0.18				
45	0.14	90	0.16	136	0.16	181	0.16				
46	0.12	91	0.16	137	0.16	182	0.16				
47	0.05	92	0.12	138	0.09	183	0.1				
48	0.2	93	0.16	139	0.09	184	0.07				
49	0.16	94	0.14	140	0.09	185	0.12				
50	0.34	95	0.1	141	0.1	186	0.07				
51	0.09	96	0.05	142	0.09	187	0.1				
52	0.32	97	0.05	143	0.07	188	0.12				
53	0.07	98	0.14	144	0.16	189	0.16				
54	0.1	99	0.1	145	0.16	190	0.14				
55	0.09	100	0.09	146	0.12	191	0.14				
56	0.2	101	0.1	147	0.07	192	0.16				
57	0.1	102	0.8	148	0.1	193	0.21				
58	0.1	103	0.8	149	0.14	194	0.1				
59	0.12	104	0.14	150	0.12	195	0.14				
60	0.16	105	0.12	151	0.12	196	0.42				
61	0.14	106	0.12	152	0.14	197	0.16				
62	0.12	107	0.16	153	0.07	198	0.14				
63	0.12	108	0.14	154	0.16	199	0.14				
64	0.1	109	0.09	155	0.07	200	0.14				
65	0.12	110	0.12	156	0.07	201	0.18				
66	0.9	112	0.14	157	0.12	202					
67	0.1	113	0.12	158	0.09	203	0.12				
68	0.12	114	0.16	159	0.1	204	0.16				
69	0.1	115	0.1	160	0.05	205	0.16				
70	0.12	116	0.14	161	0.1	206	0.14				
71	0.09	117	0.16	162	0.12	207	0.14				
72	0.12	118	0.09	163	0.16	208	0.12				
73	.14.12	119	0.1	164	0.14	209	0.1				
74	0.12	120	0.12	165	0.43	210	0.09				
75	0.12	121	0.1	166	0.14	211	0.12				
76	0.12	122	0.09	167	0.25	212	0.12				
77	0.1	123	0.23	168	0.1	213	0.09				
78	0.07	124	0.1	169	0.14	214	0.07				
79	0.12	125	0.16	170	0.18	215	0.07				
80	0.1	126	0.12	171	0.12						
81	0.14	127	0.12	172	0.1						
82	0.12	128	0.12	173	0.09						
83	0.18	129	0.14	174	0.16						

APPENDIX D

Geological Logs

Kennecott Canada Inc. - Drill Log **80 PUP** DRILL HOLE # 9480-01

UTM EAST	UTM NORTH	ELEVATION	AZIMUTH	DIP	HOLE LENGTH
		500m	180	-80	322.9m

GRID	EAST	NORTH	START CORING @	CASING (M)	LEFT IN / OUT
E-SCAN	122+87mE	126+60mN	8.2m	27.4m	OUT

START DATE	END DATE
19 AUG 94	24 AUG 94

DEPTH (m)	AZIMUTH	DIP	SURVEY INSTRUMENT
0	180	-80	BRUNTON
116.1m	160	-80	SPERRY SUN
216.7m	174	-80	SPERRY SUN
317.0m	187	-81	SPERRY SUN

CORE LOGGERS	SAMPLE # FROM	SAMPLE # TO	TOTAL
S. de WIT	VR09001A	VR09202A	219
	VR02251A	VR02268A	

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)	SAMPLES Au >100ppb
0	8.2	OVERBURDEN NOT SAMPLED				
8.2	26	WEATHERED SCHIST				
26	77	UMC Dark grey to greenish grey calcareous quartz sericite +/-chlorite				
77	77.7	GZ Gouge Zone				
77.7	78.3	UMC Pale apple-green phyllite with brecciated contacts above and below. Bottom 20cm.				
78.3	111.9	UMS Talc serpentinite Pale-green grey talc rich serpentinite with fine magnetite bands				
111.9	112.5	UMC-BX brecciated silicified grey marble?? With gouge zone at 112.0m. Silcification obscures-some				
112.5	150.7	UMC grey to pale green banded marble with foliation defined by				
150.7	162.1	UMS Dark grey locally foliated silicified ultramafics (patches of serpentinite)				
162.1	171.9	UMC Grey to pinkish grey greenish-grey banded marble. Dolomitic marble with foliaform chalcedonic				
171.9	174.4	UMC-BX Green to pinkish grey rock with brecciated serpentine near top and dark greenish grey				
174.9	177.5	UMS Massive pale apple green rock- dolomite with disseminated magnetite porphyroblasts (1%).				
177.5	189.8	UMC Marble Sparry green/white to grey/white marble with foliation locally defined by mariposite				
212.8	296.6	UMS Dark green to reddish brown ultramafic, predominately serpentinite, with occasional dolomitic marble patches.				
296.6	303.7	UMC Greenish grey marble with disseminated magnetite. Silicified in the presence of brecciated quartz veins. Foliation locally defined by mariposite				
303.7	322.8	GS Dark grey carbonaceous schist. Well developed foliation/schistosity defined by calcite banding and chlorite graphite bands				

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
0	8.2	OVERBURDEN NOT SAMPLED			0
8.2	26	WEATHERED SCHIST			
		QMCS intensely supergene oxidized carbonaceous schist? bright orange weathering to 19.8 m			
		brown weathering to 26.0m			
		VR09001A Bright orange gougy material - no primary textures preserved	11.3	14.3	3
		VR 09002A Orangish-brown gougy material, oxidized	14.3	17.4	3.1
		VR 09003A Orangish-brown gougy material, oxidized	17.4	19.8	2.4
		VR 09004A Incompetent punky-brown schist, oxidized	19.8	23.5	3.7
		VR 09005A Friable platy oxidized phyllite	23.5	26	2.5
26	77	UMC Dark grey to greenish grey calcareous quartz sericite +/-chlorite			
		Phyllite with well-developed schistosity. Relatively weak and non-friable.			
		Veins 1. Early fine (2-5mm.) cross cutting (pre-deformational) calcite-quartz+/-sericite+pyrite			
		deformed into tightly folded veinlets and deformed ductilly into boudin.			
		2. Numerous planar cross cutting calcite veinlets both high and low angle.			
		3. Irregular (variable) cross cutting (late) calcite veinlets (<3mm.)			
		Protolith likely inter bedded Andesite-Basalt with carbonaceous/calcareous argillite and siltstone.			
		26-28.3 m Friable brown weathering to plates. 70 degrees to core axis			
		28.3-29.6m (poor recovery <25%) Quartz vein within graphite schist.			
		VR09006A Slightly more graphite phyllite with a 5cm. Quartz vein with minor	28.3	29.6	1.3
		some limonite stain.			
		29.6-29.9 m Weakly oxidized carbonaceous rock, limonite staining on schistosity.			
		VR09007A	29.6	29.9	0.3
		29.9-30m gouge zone with talc 48 degrees to core axis.			
		30-30.2m Oxidized (limonite stained) alteration envelope above quartz carbonate vein.			
		VR09008A Gouge zone and alteration envelope	29.9	30.2	0.3
		30.2-30.6m 10cm. brecciated quartz carbonate vein 50 degrees to core axis with quartz phyllite			
		fragments and fragments with a sparry calcite matrix with sinistral shear. .			
		Alteration envelopes (2cm. wide) silicified+carbonate altered.			
		VR09009A Quartz carbonate vein with silicified envelopes.	30.2	30.6	0.4

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		30.6-30.7m Oxidized alteration envelope, limonite staining			
		30.7-31.7 m Dark grey with weak pervasive and fracture controlled oxidation			
		gouge zone @31.2 &31.5m.			
		VR09010A - gouge material	30.6	31.7	1.1
		31.7-35.7 m Dark grey carbonaceous schist schistosity 54 degrees. to core axis			
		Veins 1. Sheared quartz-carbonate vein (<2cm) cross cutting schistosity but sheared			
		parallel to schistosity. Note disseminate chlorite porphyroblasts 1-2mm.			
		2. Folia concordant carbonate veins (<1cm.)			
		3. Planar low angle and high angle cross cutting calcite veins (no replacement)			
		VR09011A	31.7	35.7	4
		35.7-38.7 m as above but with paler olive green			
		VR09012A high angle (10 degrees to core axis) irregular carbonate	35.7	38.7	3
		38.7-40.0 Disseminated fine grained pyrite with veins			
		VR09013A sample disseminated pyrite	38.7	40	1.3
		40-41.1m. Brecciated quartz veins (@69degr's to core axis) with phyllite clasts			
		VR09014A sample vein	40	41.1	1.1
		41.1-50.9m. Grey calcareous phyllite with some compositional banding with bands of carbonate			
		material interbedded with siltstone. 2 narrow gouge zones (<10 cm.) at 43.3 and 43.5m.			
		Disseminated Pyrite (0.2%) schistosity.			
		Veins 1. Sheared QT2-core axis veins sheared to boudins/lenses 2mm-10mm			
		(=80degr's to core axis)			
		2. Folia concordant core carbonate veins with chlorite along envelopes			
		(=88 degrees to core axis)			
		3. Post schistosity cutting high angle quartz-core carbonate veins			
		(10-40 degrees to core axis)			
		VR09015A sample gouge zones @43.3 and 43.5m	42.3	43	0.7
		VR09016A sample irregular 1-2cm calcite siderite-quartz vein	44.8	45.4	0.6
		VR09017A sample disseminated pyrite =0.5%	45.4	47.9	2.5
		50.9-60.0m Pale greenish-grey phyllite with 7%chlorite 10%calcite as veinlets			
		and lenses in the schist. Both rotations of calcite lenses and rotated			

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INTERVAL FROM	TO	DESCRIPTION	SAMPLES FROM (m)	TO (m)	LENGTH(m)
		chlorite porphyroblasts indicate dextral movement. <1% disseminated pyrite.			
		Schistosity 80 degrees to core axis> NB loss of chlorite porphyroblasts by 62.7m			
		Veins 1. Sheared calcite veins cross cutting			
		2. Folia form calcite veins at 70 degrees to core axis			
		3. Cross-cutting calcite veins at 20 degrees to core axis.			
		60.3-61.7m Dark grey-black carbonaceous phyllite with 20% 1mm calcite. Gouge zone up to 10cm			
		Veins 1. sheared calcite veins strained parallel to foliation			
		2.cross cutting irregular high angle quartz vein.			
		61.7-72.2 Dark grey carbonaceous phyllite with very fine disseminated pyrite along fractures			
		Some talc carbonate fractures near 72.2m			
		72.2-77.0m Grey carbonaceous phyllite with very fine disseminated pyrite (0.5%). Up to 20 %			
		folia form calcite veinlets 1-10 mm thick. Brecciated sections at 75m and 74.7m.			
		VR0919A friable section with 1 cm. cross cutting calcite vein Gouge section at 73.0	72.2	73	0.8
		VR09020A Dark grey phyllite with bracciated sections	73	75.3	2.3
77	77.7	GZ Gouge Zone			
77.7	78.3	UMC Pale apple-green phyllite with brecciated contacts above and below. Bottom 20cm.			
		hetrolithic clast supported breccia with angular clasts (2mm-60mm.) of carbonaceous			
		phyllite 25%, quartz fragments (5%) ultra mafic fragments (5%), pyrite blebs (1%) and			
		aphanitic matrix (30%)- irregular high angle cross cutting quartz veins.			
		VR09022A	77	78.3	1.3
					0
78.3	111.9	UMS Talc serpentinite Pale-green grey talc rich serpentinite with fine magnetite bands (<2mm.)			
		and porphyroblasts 3mm. Semi-schistose to mylonitic foliation outlined by			
		compositional bands ie. magnetite talc occurs locally as massive matrix within or as veins.			
		Calcite is absent.			
		78.9m Epithermal breccia with open space drusy quartz in filling between homolithic			
		pebble sized clasts			
		79.3-79.7m Sheared quartz vein with chalcedonic quartz with silicified fragments			
		partially assimilated into matrix.			
		VR09023A sample epithermal quartz veins	78.3	79.6	1.3
		79.7-81.0m Grey serpentinite with 1% disseminated magnetite as cubes and less frequently as			
		stringers. NB. Mylonitic textures 80.5-80.9m.			

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		VR09024A	81	81.5	0.5
		81.0-81.5m Pale green serpentinite with weakly developed foliation defined by magnetite			
		stringers (magnetite<1%) Matrix aphanitic with talc and serpentine.			
		Foliation 65% to core axis. Fine 7mm quartz veinlets.			
		VR09025A	81	81.5	0.5
		81.5-83.5m Dark green grey foliated to mylonitic serpentinite with truncated quartz rafts and cross			
		cutting quartz veinlets increasing talc with depth with increasing deformation			
		VR 09026A	81.5	83.5	2
		83.5-83.7 Massive dark grey with greenish serpentinite with no obvious foliation. Very soft			
		Soapy with very finely disseminated magnetite			
		VR09027A	83.5	84.7	1.2
		84.7-86.8m Dark grey serpentinite without strong foliation. Irregular cross cutting talc			
		veins (4cm.) 30 degrees to core axis. Foliation 50 degrees to core axis defined			
		by magnetite (2%) magnetite also as porphyroblasts.			
		VR09028A	84.7	86	1.3
		VR09029A			
		86.8-91.3m Dark grey serpentinite gneissic to semischistose texture. Cross cutting talc veins			
		approximately 1cm wide. Foliation becomes discordant and wavy (mottled) with depth.			
		VR09030A	86.8	88.4	1.6
		VR09031A	88.4	89.9	1.5
		VR09032A	89.9	91.3	1.4
		91.3-93.2m Dark pine green serpentinite with mottled texture. Green blebs of serpentine			
		with a white matrix			
		VR09033A Disseminated blebs of Pyrrhotite up to 0.5%	91.3	93.2	1.9
		93.2-93.4m Grey clay gouge zone. NB Not talc. Breccia fragments of serpentinite			
		VR09034A	93.2	93.4	0.2
		93.4-95.1m Dark-medium pine green with serpentinite with mottled texture with discontinuous			
		stringers (<2mm.)of magnetite (2%)- 0.2% Pyrrhotite			

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		VR09035A	93.4	94.3	0.9
		VR09036A	94.3	95.1	0.8
		95.1-102.7m Medium green to weakly foliated to mottled serpentinite with foliation defined			
		by fine magnetite stringers (2-5%). Pyrrhotite is rare occurring as selvages			
		on quartz veins with magnetite			
		VR09037A (3%MG)	95.1	96.6	1.5
		VR09038A (4%MG)	96.6	97.6	1
		VR09039A (4-5%MG)	97.6	99.7	2.1
		VR09040A (4-5%MG)	99.7	100.7	1
		VR09041A	100.7	102.7	2
		102.7-108.7m Apple green mottled serpentinite with serpentine blebs. Foliation defined by			
		fine <2mm. magnetite stringers and dissemination between blebs.			
		Up to 7% magnetite. Pale green alteration envelopes surrounding fractures			
		at 75 degrees to core axis.			
		VR09042A with many (5/m.) 1cm quartz veinlets.	102.7	104.4	1.7
		VR09043A 8% magnetite 1% pyrrhotite as blebs in high angle veins	104.2	105.8	1.6
		VR09044A 3% magnetite paler green	105.8	108.1	2.3
		108.1-108.8m light green to pale apple-green mottled serpentinite with 3% magnetite			
		cross cut by irregular high angle dolomite veinlets (25% of sample).			
		VR09045A High angle veinlets (<10 degrees to core axis).	108.1	108.8	0.7
		108.8-111.9m light grey cream to pale greenish grey serpentinite with foliation defined by			
		fine stringers. Magnetite both as stringers and peppered as euhedral porphyroblasts			
		up to 2mm. across			
		VR09046A	108.8	110.5	1.7
		VR09047A increasingly more silicified towards base of interval	110.5	111.9	1.4
111.9	112.5	UMC-BX brecciated silicified grey marble?? With gouge zone at 112.0m. Silicification obscures-some			
		pyrite blebs infilling longitudinal(?) gashes up to 2mm x1cm. Mariposite present			
		with magnetite as deformed microveinlets or banding within foliation.			
		VR09048A	111.9	112.5	0.6
112.5	150.7	UMC grey to pale green banded marble with foliation defined by			

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		1.mariposite and magnetite+/- lesser quartz (hematite)			
		2.Hornblende as fine elongate prisms without the presence of magnetite			
		only minor mariposite.			
		3. mariposite and carbon/graphite			
		112.5-113.7 m marble with wavy foliation plastically deformed. Foliation defined by			
		mariposite with minor magnetite. Foliation cross cut by young fracture controlled			
		movement along fractures. Quartz vein at 30 degrees to core axis			
		VR09051A	112.5	113.7	1.2
		113.7-114.9 m. Dark grey marble with obscure foliation mariposite as fracture coating			
		irregular quartz filled fractures filled with drusy quartz locally vuggy.			
		VR09052A	113.7	114.9	1.2
		114.9-116.0 m. Dark greenish grey marble with wavy foliation			
		Veins 1.Quartz carbonate vein (1.5cm.) at 80 degrees to core axis 115.2m. with fracture controlled			
		mariposite along mariposite.			
		2. pre deformation cream quartz vein with pale silicified envelopes 65 degrees to			
		core axis (1cm. wide) 115.4m			
		VR09053A	114.9	116	1.1
		116-118m. Dark grey marble with obscure foliation; no mariposite			
		VR09054A	116	116.9	0.9
		VR09055A	116.9	119	2.1
		118-118.8 m pale greenish grey weakly foliated marble with irregular dark blebs of magnetite and			
		and pyrrhotite sample lightly peppered with 1% <0.5mm magnetite			
		VR09056A	118	118.8	0.8
		118.8-120.5 m Light grey marble with patches (0.3mm) of dark green chlorite with magnetite			
		comprise 3% of rock. Top of interval 3cm carbonate quartz vein (at 55 degrees to core axis)			
		with disseminated magnetite along envelopes			
		VR09058A	118.8	120.5	1.7
		120.5-120.0 m Pale green-grey limestone with poorly defined foliation and sheared subrounded rafts			
		of quartz calcite/dolomite. Mafic patches (magnetite & chlorite peppered with fine			
		subhedral disseminated magnetite (1%).			

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		VR09059A	120.5	122.3	1.8
		VR09060A	122.3	124	1.7
		124.0-127.4 m grey foliated calcareous limestone with folia defined by mariposite			
		narrow magnetite veinlets (<3mm.) at 35 and 85 degrees to core axis.			
		VR09061A Magnetite veinlet			
		VR09062A	124	126	2
		VR09063A	126	127.4	1.4
		127.4-129.0 m Grey foliated marble (as above) with wavy foliation peppered			
		with <1% fine disseminated magnetite.			
		VR09064A	127.4	129	1.6
		129,0-131.3 m Grey foliated marble with foliation defined by carbonate and magnetite. Hematite			
		replaces magnetite along steep fractures (late) at 30 degrees to core axis.			
		VR09065A	129	130	1
		VR09066A	130	131.3	1.3
		131.4-133.8 m Pale grey marble with weak wavy foliation. Magnetite peppered through out (<1%)			
		VR09067A	131.4	133.2	1.8
		VR09068A	133.2	133.8	0.6
		135.9-137.1 m Foliated grey marble as above with wavy foliation with small (<1mm)			
		serpentinite clasts			
		VR09069A	133.8	135.9	2.1
		VR09070A	135.1	135.9	0.8
		135.9-137.1 m Pale greenish white marble with foliation defined by narrow (<1m) bands of mariposite.			
		VR09071A Trace mariposite	135.9	137.1	1.2
		137.1-140.0 m. Mottled black and white foliation with wavy foliation. Irregular patches of white calcite			
		confined by dark grey dolomite.			
		VR09072A	137.1	138.7	1.6
		VR09073A	138.7	140	1.3
		140.0-140.6 m White marble with pale green mariposite stringers. Narrow pink calcite vein			

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		cutting 70 degrees to core axis			
		VR09074A	140	140.6	0.6
		140.6-141.5 m. Black-white patchy sheared marble.			
		VR02268A	140.6	141.5	0.9
		141.5- 145.4 m Apple green broken dolomite cross cut by fracture filling drusy quartz veinlets			
		and high angle calcite veinlets			
		VR09075A Brecciated with mariposite through matrix	141.5	142.9	1.4
		VR09076A Brecciated with mariposite through matrix	142.9	143.6	0.7
		VR09077A	143.6	144.7	1.1
		VR09078A foliated	144.7	145.4	0.7
		150.7-152.6 m White marble spotted with mariposite and chlorite.			
		VR09079A	145.4	147.3	1.9
		VR09080A	147.3	149	1.7
		VR09081A	149	150.7	1.7
		150.7-152.6 m Grey marble with pinkish staining, marble pinkish hematite stain fracture controlled,			
		mariposite along fractures			
		VR09082A	150.2	152.6	2.4
150.7	162.1	UMS Dark grey locally foliated silicified ultramafics (patches of serpentinite)			
		Oldest veining			
		1.Creamy quartz vein conformable with foliation			
		2.Pale green asbestos bands and veins.			
		3.Pale brownish grey chalcedonic quartz veins			
		4.Planar drusy to cryptocrystalline quartz veins			
		Pinkish staining of siderite matrix			
		5. Sparry late open space filling calcite veinlets with microcrystalline fibrous-radiating			
		pyrite crystal blades of sparry calcite.			
		Homogeneously disseminated magnetite porphyroblasts up to 2mm.			
		compromising 1%of rock.			
		Youngest veining			
		VR09083A Irregular grey patches with a creamy quartz matrix	152.6	153.8	1.2

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		VR09084A Porphyritic texture near top of sample =feldspar dacite porphyry	153.8	155.3	1.5
		with feldspar phenocrysts up to 3mm. Calcite vein 4cm. wide at 154.0m.			
		pervasive hematite staining			
		VR09085A Irregular high angle drusy quartz veins vugs. Patches of hematite along envelopes	155.3	156.8	1.5
		VR09086A Top 2cm chalcedonic quartz vein. At 157.4m. quartz carbonate veinlet (1cm)	156.8	158.5	1.7
		with talc along selvages. Serpentine patches towards base of interval.			
		158.0-158.5m porphyroblastic texture			
		VR09087A Dark grey with pale greenish patches increasing hematite staining with depth	158.5	160.6	2.1
		VR09088A Wavy foliation with pervasive hematite staining	160	161.2	1.2
162.1	166.7	UMC Grey to pinkish grey greenish-grey banded marble. Dolomitic marble with foliaform			
		chalcedonic quartz veins (52 degrees to core axis). Mariposite absent. Foliation wavy			
		disseminated magnetite. Porphyroblasts disseminated throughout.			
		VR09089A	162.1	163.9	1.8
		VR09090A 1cm. calcite vein with chloritic envelopes	163.9	164.6	0.7
		VR09091A	164.6	166.7	2.1
166.7	171.9	UMC Greenish grey to green and white foliated marble with foliation defined by			
		1.mariposite/calcite bands			
		2.chlorite (+/- mariposite)/calcite bands			
		3.chlorite bands			
		166.7-168.3 m. Green white marble with pinkish carbonate patches. Epithermal drusy quartz veins			
		near top of interval.			
		VR09092A	166.7	168.3	1.6
		168.3-170.8 m. Grey marble with irregular wavy foliation.			
		VR09093A Some well developed foliation	168.3	169.8	1.5
		VR09094A Obscured textures	169.8	170.8	1
		170.8-171.9 m Grey white marble with wavy foliation defined by mariposite.			
		Bottom 60cm pinkish color with vuggy late cross cutting high angle quartz veins and			
		disseminate magnetite porphyroblasts altered to hematite.			
		VR09095A	170.8	171.9	1.1
171.9	174.4	UMCBX Green to pinkish grey rock with brecciated serpentine near top and dark greenish grey			
		serpentinite(?) with calcite below. Brecciated top 20cm. Calcite is disseminated throughout			

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INTERVAL FROM	TO	DESCRIPTION	SAMPLES FROM (m)	TO (m)	LENGTH(m)
		VR09096A	171.9	173.1	1.2
		VR09097A	173.1	174.4	1.3
174.9	177.5	UMS Massive pale apple green rock- dolomite (effervesces only when powdered) with			
		disseminated magnetite porphyroblasts (1%). Sheared contact with serpentinite(?)			
		(above) with shearing 21 degrees to core axis.			
		Veins 1.irregular dolomite veins form blebs up to 3cm across			
		VR09098A	174.9	175.9	1
		VR09099A	175.9	177.5	1.6
177.5	189.8	UMC Marble Sparry green/white to grey/white marble with foliation locally defined by mariposite			
		177.5-177.7 m. Silicification with vuggy cross cutting quartz veinlets			
		178.8-178.9 m. Vuggy dolomite with calcite along vugs and as fine veinlets			
		VR09100A sample quartz veinlets	177.5	178.9	1.4
		178-185.0 m Sparry marble with variables grey to green.			
		Texture defines mariposite and chlorite with no obvious foliation			
		VR09101A	178.9	180.1	1.2
		VR09102A	180.1	181	0.9
		VR09103A	181	182	1
		VR09104A	182	183.2	1.2
		185-189.8 m Foliated green-white marble / black-white marble			
		Foliation 70 degrees to core axis.			
		VR09105A	183.2	186	2.8
		VR09106A	186	186.4	0.4
		VR09107A	186.4	188.1	1.7
		VR09108A	188.1	189.8	1.7
189.8	195.4	UMC Zebra Marble Black/white dark green/white calcareous semi-schist with lenses of			
		calcite separated by bands of chlorite. Minor foliation 78 degrees to core axis with unconformable			
		contact with white marble below.			
		VR09109A	189.8	191.1	1.3
		VR09110A	191.1	192.3	1.2
		VR09111A	192.3	193.4	1.1

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		VR09112A Vuggy quartz carbonate vein 55 degrees to core axis	193.4	195.2	1.8
		Becomes pinkish with pervasive hematite staining			
195.4	212.8	UMC Interbedded sparry white marble with fracture controlled hematite staining and mariposite			
		coating and dark grey green marble with whispy chlorite			
		195.4-196.7 m Sparry white marble with hematite along fractures over top 60cm. Becomes more			
		foliated with depth			
		VR09113A	195.7	197.6	1.9
		196.7-197.6 m Dark grey-green marble with disseminated mariposite			
		VR09114A	196.7	197.6	0.9
		197.6-198.5 m White marble with cross cutting botryoidal quartz veinlets (at 75 degrees to core axis).			
		4mm wide (syntactic growth) with medial vugs			
		VR09115A	197.6	198.5	0.9
		198.5-199.2 m Dark grey green foliated marble with disseminated pervasive chlorite.			
		Fracture controlled pervasive hematite staining.			
		N.B. Disseminated magnetite porphyroblasts to 203.0m			
		VR09116A	198.5	199.2	0.7
		199.2-200.3 m White-green marble with patchy pink hematite staining			
		Large solution cavities with sparry calcite growth within and irregular sparry calcite veinlets			
		cross cutting sample.			
		VR09117A	199.2	200.3	1.1
		200.3-203.3 m Dark grey-green foliated marble with minor mariposite and chlorite.			
		VR09118A	200.3	202	1.7
		VR09119A	202	203.3	1.3
		203.3-205.9 m Grey marble without foliation 1% disseminated magnetite.			
		VR0920A	203.3	204.9	1.6
		VR0921A	204.9	205.9	1
		205.9-206.6 m White marble breccia with white marble fragments. Brecciated quartz-carbonate			
		veinlets with drusy quartz. Silicified with weak pervasive mariposite alteration(???)			

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		VR09122A	205.9	206.6	0.7
		206.6-208.9 m Foliated white green-grey marble with foliation defined by disseminated to banded			
		mariposite. Disseminated hematite after magnetite foliation 60 degrees to core axis.			
		VR09123A White/green foliated calcite marble			
		VR09124A Dark lenses of calcite and chlorite	208.4	208.9	0.5
		208.9-209.2 m White green marble with mariposite alloy and irregular fractures			
		VR09125A			
		209.2-209.7 m Grey green marble as above, but with 15% (0.5-1mm)hematite porphyroblasts			
		pseudomorphing magnetite. Porphyroblasts form clusters and loosely continuous bands			
		VR09126A	209.2	209.7	0.5
		209.4-210.1 m Epithermal breccia with drusy quartz open space filling, vugs and pervasive			
		silicification.			
		209.7-211.4 m Green white marble with 40 cm. epithermal breccia at top & 20cm. at bottom of section			
		VR09127A Epithermal breccia	209.2	209.7	0.5
		211.4-212.8 m Sparry green-white marble with mariposite along irregular fractures			
		VR09128A	211.4	212.8	1.4
212.8	296.6	UMS Dark green to reddish brown ultramafic predominately serpentinite with occasional dolomitic			
		marble patches.			
		212.8-215.7 m Dark pine green to olive green ultramafic with patches of buckshot-looking			
		disseminated magnetite grains up to 3mm and finer disseminated magnetite throughout			
		cross cut by			
		1.magnetite veinlets (<1/m~3mm) 55 degrees to core axis			
		2. Quartz veinlets (1m~3mm) 40 degrees to core axis			
		3.Quartz carbonate veinlet with dextral movement (1/m~4mm) 40 degrees to core axis			
		4. Curly 1cm. carbonate vein at 20 degrees to core axis			
		Wavy foliation within serpentinite			
		VR09129A	212.8	214.6	1.8
		VR09130A	214.6	215.7	1.1
		215.7-217.4 m Olive to lime green epidote rich serpentinite.			

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		(217.2-217.4) Twin cross cutting quartz veins (4cm) at 70 degrees to core axis			
		VR09131A	215.7	217.4	1.7
		217.4-225.4 m Pine to olive green serpentinite with mottled to foliated textures cross cut by			
		1. Synthetic epithermal quartz veins with pale brown-red garnet and sericite			
		envelopes and pervasive patchy brown alteration +72 degrees to core axis up to 2mm wide			
		2. Clear quartz veins with sericite selvages and envelopes patchy magnetite			
		-70 degrees to core axis			
		3. K-spar-epidote- vein with silicified envelopes and pervasive pinkish K-spar			
		altering to clay. Patches of magnetite within vein 20 degrees to core axis.			
		4.Late dolomitic cross cutting veins without alteration envelope at 40 degrees to core axis.			
		VR09132A Pervasive pink patchy alteration	217.4	218.5	1.1
		VR09133A	218.5	220	1.5
		VR09134A K-spar veining	220	221	1
		VR09135A	221	222.4	1.4
		VR09136A	222.4	224.2	1.8
		VR09137A cross cutting quartz vein (20 degrees to core axis) with buff sideritc envelopes			
		225.4-228.3 m Olive to lime green striped serpentinite cross-cut by numerous fractures and			
		microveinlets with 2mm lime green alteration envelopes. Poorly developed			
		metamorphic foliation. Disseminated magnetite porphyroblasts (5%)			
		VR09139A Unusual orange alteration medial to lime green envelopes.	225.4	227.6	2.2
		VR09140A pale green alteration	227.6	228.3	0.7
		228.3-229.6 m Pale green serpentinite with 5% disseminated magnetite cross cut by			
		narrow quartz veinlets. Silicified Brecciated veinlet (5cm wide) at 50 degrees to core axis			
		VR09141A	228.3	229.6	1.3
		229.6-233.4 m Black/white stripped serpentinite with 5% disseminated magnetite			
		porphyroblasts crosscut by dolomitic veins. Brittle fractures allow for white dolomite veining.			
		VR09142A	229.6	230.7	1.1
		VR09143A	230	232.1	2.1
		233.4-234.9 m Talc Serpentinite. Pale greenish-grey with 5% disseminated magnetite			
		VR09144A	232.1	233.4	1.3

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		VR09145A	233.4	234.9	1.5
		234.9-236.9 m Black / White Ultramafic. Numerous brittle fractures filled with white calcite.			
		5% disseminated pyrite. Cross cutting calcite veinlets at 45 degrees to core axis.			
		Patches of actinolite with calcite.			
		VR09146A	234.9	236.3	1.4
		VR09147A	236.3	236.9	0.6
		236.9-237.6 m Black ultramafic dike (30cm wide) with mottled texture and wisps of calcite.			
		Grades downward into pale green serpentinite.			
		VR09148A	236.9	237.6	0.7
		237.6-242.4 m Pale olive-green serpentinite with microveinlets of magnetite averaging 1mm wide,			
		crosscutting dolomite veinlets following late brittle fractures. Magnetite also occurs finely			
		disseminated through out.			
		VR09149A Talc rich serpentinite with magnetite veinlets at 60 degrees to core axis.	237.6	238.9	1.3
		Quartz veins without alteration envelopes 10 degrees to core axis.			
		VR09150A increasing g magnetite veinlets with depth. Wavy anastomosing magnetite	238.9	240.4	1.5
		microveinlets running parallel to core axis. Planar magnetite veinlets			
		at 40 degrees to core axis.			
		VR09151A Crosscutting 9cm dolomite vein with 2cm dolomite+epidote selvages.	240.4	242.4	2
		vein at 60 degrees to core axis. 5% crosscutting magnetite veinlets			
		at 28 degrees to core axis.			
		242.4-245.7 m Dark green mottled serpentinite with 5% microveinlets of magnetite			
		at 24 degrees to core axis			
		VR09152A Epidote-carbonate vein	242.4	244.4	2
		VR09153A	244.4	245.7	1.3
		245.7-250.0 m Light green serpentinite with disseminated and as patches			
		VR09154A	245.7	247.6	1.9
		VR09155A magnetite veinlets at 42 degrees to core axis.	247.6	250	2.4
		250.0-250.5 m Dark grey talc rich mottled serpentinite with disseminated magnetite			
		Base of interval marked by a sheared dolomite vein with cross-cutting			
		anastomosing magnetite stringers			
		VR09157A	250	250.5	0.5

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		250.5-257.4 m Greenish grey foliated ultramafic. 2% Disseminated magnetite patches (1mm)			
		<0.5% disseminated pyrite.			
		VR09158A	250.5	252.3	1.8
		VR09159A Fine late quartz microveintes 50 degrees to core axis. White dolomite wisps	252.3	254.3	2
		define foliation.			
		VR09160A	254.2	255.4	1.2
		VR09161A	255.4	257.4	2
		257.4-259.3 m Mottled dark green serpentinite with disseminated magnetite and numerous			
		crosscutting magnetite microveinlets.			
		VR09162A Spotted with dolomite. Crosscutting dolomite veinlets at 18 degrees to	257.4	259.3	1.9
		core axis (1cm wide) with magnetite envelopes. Crosscutting magnetite			
		microveinlets at 52 degrees to core axis.			
		259.3-265.1 m Grey serpentinite with disseminated magnetite. Crosscutting dolomite veins			
		with epidote and magnetite along envelopes. Dolomite veins are 1cm wide			
		VR09163A Dolomitic veins (7mm) at 45 degrees to core axis with epidote along envelopes.	259.3	260.8	1.5
		VR09164A Irregular dolomitic veins with green envelopes. Late crosscutting dolomite veins	260.8	260.8	0
		at 45 degrees to core axis.	260.8	261.9	1.1
		VR09165A Crosscutting magnetite microveinlets. 30 degrees to core axis.	261.9	263.9	2
		VR09166A	263.9	265.1	1.2
		265.1-278.5 m Bleached apple green serpentinite with 10% magnetite as microveinlets <1mm			
		and disseminated patches. Crosscutting quartz veins up to 2 cm wide with pervasive			
		hematite staining			
		VR09167A Dolomite lenses parallel to foliation. 58 degrees to core axis	265.1	267	1.9
		VR09168A Quartz veinlets 60 degrees to core axis with hematite stained envelopes.	267	268.6	1.6
		Some quartz veinlets with silicified envelopes.			
		VR09169A 3cm quartz vein at 30 degrees to core axis. Pervasive limonite stained envelopes.	268.6	270.6	2
		VR09170A Epithermal quartz vein 5cm wide with colloform texture. Strong pervasive	270.6	272.6	2
		silicification. 3 smaller epithermal veins, all at 45 degrees to core axis. Magnetite			
		microveinlets a 75 degrees to core axis.			
		VR09171A	272.6	274.6	2
		VR09172A As above with epithermal veins. Narrow quartz veins with black selvages and	274.6	276.6	2
		bleached clay altered envelopes.			
		VR09173A	276.6	278.5	1.9

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		278.5-280.5 m Greenish -grey ultramafic with disseminated magnetite throughout.			
		Crosscutting dolomite veinlets at 45 degrees to core axis.			
		VR09174A	278.5	280.5	2
		280.5-282.5 m Brecciated epithermal quartz vein with open space filling textures and			
		silicified envelopes			
		VR09175A Silicified envelope above quartz vein			
		VR09176A Brecciated quartz vein with fragments of ultramafic rock. colloform textures	280.5	282.2	1.7
		within quartz vein present.			
		282.5-287.5 m Green ultramafic rock with disseminated magnetite. Fracture controlled			
		pervasive argillic alteration. Cross cutting epithermal veins with silicified envelopes.			
		No magnetite veinlets			
		VR09177A Epithermal quartz veins	282.2	284.2	2
		VR09178A	284.2	285.6	1.4
		VR09179A Epithermal quartz veins 45 degrees to core axis 7cm wide with silicified envelopes	285.6	285.8	0.2
		VR09180A Pervasive hematite staining. mariposite along carbonaceous patches	285.8	287.5	1.7
		287.5-292.0 m Mottled fragmental ultramafic. disseminated biotite patched developed parallel			
		to weakly developed foliation. Pervasive hematite staining. Several late fine			
		calcite veinlets (1-3mm) crosscutting core. Silicification locally obscures textures.			
		VR09181A Weakly developed foliation. S2=75 degrees to core axis	287.5	289.5	2
		VR09182A Well developed foliation without pervasive hematite staining.	289.5	290.7	1.2
		VR09183A	290.7	292	1.3
		292.0-294.1 m Brecciated Ultramafic with mottled fragmental clasts. All within a crackle breccia			
		VR09184A	292	294.1	2.1
		294.1-294.6 m Foliated Talc Serpentinite with wavy , poorly developed			
		foliation 58 degrees to core axis.	294.1	294.6	0.5
		VR09185A			
		294.6-296.6 m Pale green ultramafic rock with disseminated magnetite			
		VR09186A	294.6	295.6	1
		VR09187A	295.6	296.6	1

Kennecott Canada Inc. - Drill Log ***80 PUP*** DRILL HOLE # 9480-01

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
296.6	303.7	UMC Greenish grey marble with disseminated magnetite. Silicified in the presence of brecciated quartz veins. Foliation locally defined by mariposite			
		296.6-301.0 m Transition from foliated silicified marble to calcareous marble. 20 cm brecciated quartz grey quartz vein at 80 degrees to core axis.			
		VR09189A	296.6	298.6	2
		VR09190A	298.6	301	2.4
		301.0-303.7 m Calcareous Limestone with mariposite defining foliation. no disseminated magnetite			
		VR09191A S2 at 53 degrees to core axis	301	302.5	1.5
		VR09192A	302.5	303.7	1.2
303.7	322.8	GS Dark grey carbonaceous schist. Well developed foliation/schistosity defined by calcite banding and chlorite graphite bands			
		VR09193A Crosscutting calcite veinlet up to 1 cm wide	303.7	305.7	2
		VR09194A Brittle fractures parallel to core axis. Brittle shear 15 degrees to core axis	305.7	307.7	2
		VR09195A	307.7	309.7	2
		VR09196A	309.7	311.7	2
		VR09197A	311.7	313.7	2
		VR09198A	313.7	315.7	2
		VR09199A	315.7	317.7	2
		VR09200A	317.7	319.5	1.8
		VR09201A	319.5	321.5	2
		VR09202A	321.5	322.8	1.3

Kennecott Canada Inc. - Drill Log

80 PUP

DRILL HOLE # 9480-02

UTM EAST	UTM NORTH	ELEVATION	AZIMUTH	DIP	HOLE LENGTH	DEPTH (m)	AZIMUTH	DIP	SURVEY INSTRUMENT
593596	7096478	609.7	293	-60	242	0	293	-60	BRUNTON
GRID	EAST	NORTH	START CORING @		CASING (M) / LEFT IN / OUT	100	293	-63.5	SPERRY SUN
			4.6m		OUT	180	293	-65	SPERRY SUN
Target 700x1000m coincident resitivity and magnetic high			START DATE		END DATE	242	293	-65.5	SPERRY SUN

CORE LOGGERS	SAMPLE # FROM	SAMPLE # TO	TOTAL
S. de Wit	VR09203A	VR09330A	128

INTERVAL FROM	INTERVAL TO	DESCRIPTION		SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)	Au >100ppb
0	4.6	OVERBURDEN					
4.6	42.8	GS	GRAPHITE SCHIST				
42.8	67.5	QMCS	MUSCOVITE CHLORITE QUARTZ SCHIST				
67.5	83.6		CHLORITE CALCITE MUSCOVITE QUARTZ SCHIST				
83.6		GS	GRAPHITE SCHIST				
92	105.8	QMS	Quartz muscovite schist (QMS)				
105.8	11	GS/GQ	GRAPHITE SCHIST/QUARTZITE				
145.2	166.9	GQ	GRAPHITE QUARTZITE				
166.9	185.1	GS	GRAPHITE SCHIST				

Kennecott Canada Inc. - Drill Log [redacted] 80 PUP [redacted] DRILL HOLE # 9480-02

Logged By: S. de Wit

INTERVAL FROM	TO	DESCRIPTION	SAMPLES FROM (m)	TO (m)	LENGTH(m)
0	4.6	OVERBURDEN			
4.6	42.8	GS GRAPHITE SCHIST -black calcareous graphite schist - two observable foliations			
		1) S1 = early compositional foliation defined by quartz and graphite, S1 contorted & wavy			
		2) schistosity defined by graphite. S2 cleaves readily along joints observable as			
		crenulation cleavage.			
		- later crosscutting joints with goethitic staining			
		locally graphite gouge zone. increasing dissemination pyrite with depth			
		poor recovery			
		VR09203A: wavy pre S2 calcite vein widens to 3cm	4.6	6	1.4
		S2 ~ 34 degrees. to core axis. pervasive goethitic alteration along			
		joints parallel to S2 open pore space left by calcite where leached out			
		VR09204A: as above poor recovery	6	7.8	1.8
		VR09205A: as above poor recovery	7.8	9.8	2
		VR09206A: Irregular hackly oxidized joints crosscut	9.8	11.8	2
		S2 joints 50deg to core axis cut S2 @ 90deg.			
		VR09207A: as above	11.8	13.8	2
		VR09208A: Poor recovery S2 graphite at 50deg. to core axis as above	13.8	15.8	2
		Oxidized limonite stained schist broken to small pebbles			
		VR09209A: S2 50deg. to core axis vugs left by leaching out calcite	15.8	17.8	2
		VR09210A: As above	17.8	19.8	2
		VR09211A: very poor recovery (<50%) core becoming increasingly graphitic	19.8	21.8	2
		VR09212A: Crosscutting graphitic joint (posts) at 20deg. to core axis	21.8	23.8	2
		VR09213A: Graphitic gouge recovered with only small fragments preserved oxidized	23.8	25.8	2
		joint surfaces			
		VR09214A: Narrow incompetent (or wire) zone poor recovery	25.8	27.8	2
		S2 - 50deg. to core axis pervasive oxidation			
		VR09215A: Black, greasy graphitic zones, very incompetent	27.8	29.8	2
		S2 50deg. to core axis as above irregular fractures are oxidized			
		VR09216A: Black greasy graphitic zones oxidized joints crosscutting	29.8	31.8	2
		41deg. to core axis 90deg from S2 <50% recovery			
		VR09217A: Graphite schist broken to small pebbles	31.8	33.8	2
		S1 wavy 30deg. to core axis			
		VR09218A: as above	33.8	35.8	2

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		VR09219A: as above	35.8	37.8	2
		VR09220A: 1cm 30 degrees to core axis calcite vein vuggy partially healed	37.8	39	1.2
		~ ~45% graphite			
		VR09221A: Unconformable - contact with above graphitic schist	39	41	2
		<20 degrees. graphite S2 = 40 degrees. to core axis jarosite along some joints			
		VR09222A: Limonite staining is limited to minor jorosite along fractures	41	42.8	1.8
42.8	67.5	QMCS MUSCOVITE CHLORITE QUARTZ SCHIST			
		Well developed wavy foliation S1 distorted by poorly developed S2 which is observable as			
		axial planar cleavage on S1 well developed cleavage with phyllosilicate banding.			
		S1 is defined by compositional bands of qtz-mus-chl with bands of quartz & carbonate,			
		limonite staining is observed along fractures with calcite + siderite.			
		Fractures predominantly follow S2.			
		Veins 1) early (PreS2) calcite veins (V1) generally wavy often with quartz- biotite always cross			
		cutting S1			
		2) Posts S2 calcite veins which either follow irregular brittle fractures within schist			
		or planar fractures			
		42.8 - 50.9 m Oxidized & broken schist with V2 with siderite & limonite core incompetent			
		VR09223A: Poor recover <1m V2 - 1mm siderite veinlet @ 21deg to core axis	42.8	44.8	2
		VR09224A: More competent. S2 @ 50deg. to core axis	44.8	46.1	1.3
		VR09225A: Oxidized veinlet 30deg to core axis + 5 degrees to core axis V2	46.1	48.1	2
		Sericite zones where core not recovered ~ 70% recovered			
		VR09226A: very incompetent & sericite < 50deg recover	48.1	50.1	2
		50.9 - 54.0 m Carbonaceous quartz muscovite schist. S2 40deg to core axis and competent			
		VR09227A: wavy well developed S1	50.1	52.1	2
		VR09228A:	52.1	54	1.9
		54.1 - 56.0 m muscovite - chlorite quartz schist. very incompetent with <50% recovery			
		VR09229A	54.1	56	1.9
		56.0-57.1 m competent quartz muscovite chlorite schist with v. calcite veins at 40 degrees. to core axis			
		VR09230A	56	57.1	1.1
		57.1-58.8 m broken quartz muscovite chlorite schist with siderite along joints			

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	LENGTH(m)
		VR09231A: crumbly chlorite muscovite zones	57.1	58.8	1.7
		58.8 - 67.5 quartz chlorite muscovite schist with			
		V2 @ 25deg to core axis 1cm win with pervasive siderite staining			
		numerous convoluted calcite siderite feeblest ave <2mm (V1)			
		VR09232A: Crosscutting brittle fracture 25deg to core axis with calcite	58.8	59.9	1.1
		VR09233A: competent internal convoluted calcite-siderite veinlet	59.9	61.9	2
		VR09234A: crumbly chlorite quartz schist	61.9	63.9	2
		wavy V1 quartz calcite vein 1cm wide subparallel to core axis			
		VR09235A: Narrow shear 25deg to core axis 1.3cm wide with calcite and siderite.	63.9	65.5	1.6
		base of interval			
		VR09236A: Strong pervasive siderite staining around calcite	65.5	67.5	2
		feeblest 2mm wide. Crosscutting fractures 46deg. to core axis			
		oxidized carbonate veinlet 50deg to core axis			
67.5	83.6	CHLORITE CALCITE MUSCOVITE QUARTZ SCHIST			
		Two observable fabrics S1 compositional banding defined by chlorite & muscovite S1 distorted.			
		S2 weak compositional foliation defined by chlorite and axial planar cleavage in S1.			
		Veins 1) V1 Pre S2 calcite veining convolute and discontinuous, ductilly deformed often			
		coplanar with S1 with biotite selvages. Biotite concentrates in sections where calcite			
		occurs as spotted porphyroblasts			
		2) V2 late crosscutting calcite feeblest			
		VR09237A: crosscutting calcite veinlet 3mm wide. 33 degrees to core axis (v2)	67.5	69.5	2
		20% biotite ~~ 10% calcite			
		VR09238A: S2 = 50deg to core axis siderite coating on joints	69.5	71.3	1.8
		VR09239A: Fractured at base of interval	71.3	73.2	1.9
		Crosscutting carbonate feeblest subparallel to CORE AXIS			
		VR09240A: As above	73.2	74.7	1.5
		VR09241A: As above V1 convolute calcite veins with biotite envelopes	74.7	76.7	2
		Broken at base of interval			
		VR09242A: Increased biotite throughout. Chlorite defined S2	76.7	78.7	2
		Foliation. 2cm V1 quartz vein with chlorite envelope			
		VR09243A: As above	78.7	80.1	1.4

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	LENGTH(m)
		80.1-83.6 m Quartz-chlorite-muscovite schist with sparse to absent biotite decreasing with depth			
		Wavy calcite - quartz veins with siderite			
		VR09243A: 40% V1 silicified zone convolute calcite veins	80.1	82	1.9
		subparallel to core axis			
		VR09244A:	82	83.6	1.6
83.6		GS GRAPHITE SCHIST			
		black graphite schist with two observable fabrics: 1) S1 compositional foliation defined			
		by graphite - quartz; 2) weakly developed foliation defined by graphite. Axial planar cleavage in S1			
		veining is either Pre S2 deformation or post S2 deformation			
		VR-0245A: Graphite schist with >80% graphite top 30cm	83.6	84.5	0.9
		of interval fault gouge contact with quartz-chlorite			
		muscovite schist. Fault @ 23deg to core axis			
		84.5-88.1 m more siliceous graphitic schist with sericite along S1 + V1			
		VR09246A:	84.5	86.6	2.1
		VR09247A: Foliated schist with less than 60% recovery	86.6	88.1	1.5
		88.1-92.0 m Graphite Schist. Black graphite schist with good recovery			
		~ 60% graphite becoming richer in muscovite with depth. S2 at 240deg. to core axis			
		VR09249A:	88.1	90	1.9
		VR09250A: more graphitic incompetent sections	90	92	2
92	105.8	QMS QUARTZ MUSCOVITE SCHIST (QMS)			
		Grey to buff weathering QMS with minor graphite along joints. Buff oxidation along fracture surfaces			
		92.0-103.0 m QMS broken and crumbly without			
		VR09251A: very poor recovery <1m	92	94.2	2.2
		VR09252A: Broken core - very poor recovery	94.2	96	1.8
		VR09253A: As above	96	98	2
		VR09254A: Pink-brown siderite along irregular fractures	98	100	2
		VR09255A: <1m recovery breccia with irregular fragments	100	103	3
		with an orange pink stained matrix crosscutting			
		fracture with jarosite 60deg to core axis <40% recovery			

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	LENGTH(m)
		103.-105.8m Grey competent QMS with graphite along foliation.			
		Locally crumbly, quartzite with small breccia zones			
		VR09256A Quartzite	103	104.9	1.9
		VR09257A			
105.8	11	GS/GQ GRAPHITE SCHIST/QUARTZITE			
		Black graphite schist with crumbly sections. One recognizable fabric S1, S1 consists of wavy foliation			
		defined by quartz and siderite, S2 is weak and generally not recognizable			
		S2 - graphite & weakly developed axial planar cleavage in S1.			
		VR09258A: broken core with <50deg. recovery	105.8	108.8	3
		VR09259A: 4cm grey quartz vein with siderite	108.8	110.8	2
		VR09260A: Brecciated at base of interval	110.8	111.9	1.1
		111.9 - 119.9 m broken graphite schist oxidize fragments <4cm graphite - graphitic QMS			
		poor recovery			
		VR09261A: oxidized	111.9	113.9	2
		VR09262A	113.9	115.9	2
		VR09263A	115.9	117.9	2
		VR09264A: wavy foliation	117.9	119.9	2
		119.9-131.5m graphitic schist/siliceous graphitic schist locally brecciated with			
		fragments of quartz and graphite schist with a graphite matrix two well developed fabrics			
		1)S1 is define above 2) S2 is developed shear planes/cleavages with graphite			
		VR09265A: PRE S2 grey quartz vein with limonite staining	119.9	121.9	2
		Shear-brecciated quartz siderite fragments @121.0			
		and 121.7m at 18deg. to core axis			
		VR09266A: Well foliated graphite schist S2 - 40deg. to core axis			
		4cm quartz vein (Pre S2) @ 25deg ~~ core axis			
		VR09267A: @ 1268 Gouge zone pervasive limonite staining	123.9	125.9	2
		VR09268A: As above	125.9	127.9	2
		VR09269A: Foliated fractured schist with less well developed	127.9	129.9	2
		S2 cross cutting V1 quartz veins convoluted			
		siderite staining along brittle fractures			
		131.5 - 135.2 m Black graphite schist becomes increasingly graphitic with depth			

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	LENGTH(m)
		VR09269A	129.9	131.5	1.6
		VR09270A: cross cutting hematite quartz vein 45deg to core axis 1cm wide	131.5	133.2	1.7
		with hematite following upper selvage of vein			
		VR09271A: Very brecciated schist	133.2	135.2	2
		135.2 - 137.2 m Oxidized graphitic schist with siderite along foliation			
		VR09272A: Hematite with pre S2 quartz veins	135.2	137.2	2
		S2 = 70deg. to core axis			
		137.2-145.2 black graphitic schist - quartzite			
		crumbly graphite schist with limonite staining along joints			
		VR09273A	137.2	139.2	2
		VR09274A	139.2	141.2	2
		VR09275A	143	145.4	2.4
145.2		GQ graphitic quartzite			
		competent siliceous graphite schist/quartzite with wavy foliation defined			
		by graphite S2 not recognizable weak disseminate pyrite <0.5% sparse crosscutting			
		quartz feeblest at 35deg to core axis Foliaform quartz bands			
		VR09278A	145.4	147.4	2
		VR09279A: Brecciated carbonate vein with fragments of schist	147.4	149.4	2
		VR09280A: S2 = 55deg. to core axis	149.4	151.4	2
		VR09281A: Calcite veins 45deg. to core axis ~~ 1mm wide (totalling <1cm)	151.4	153.6	2.2
		VR09282A: Disseminated pyrite 1%	153.6	155.6	2
		VR09283A: increasing	155.6	157.6	2
		157 to 165.8 m Jet black graphitic quartzite with 3% disseminated pyrite as cubes			
		foliation defined by graphite			
		VR09284A: Disseminated cubes of pyrite follow	157.6	159.6	2
		crenulated S1 foliation (graphite)			
		VR09285A:	161.4	163.4	2
		VR09287A:	163.4	165.8	2.4
		165.8-166.9 m bull quartz vein and muscovite quartz schist with graphite bull quartz vein 34cm			
		wide with graphite stringers & pyrite @ top of interval. Bottom 15cm			

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	LENGTH(m)
		Grey quartz vein cutting 70deg. to core axis with vugs filled with anhydrite			
		VR09288A:	165.8	166.9	1.1
166.9	185.1	QUARTZ GRAPHITE MUSCOVITE SCHIST			
		2 well developed fabrics 1) compositional foliation defined by quartz & graphite (S1).			
		2) S2 foliation defined as cleavage in S1 patches of pyrite up to 1cm across follow			
		S1 foliation ~~ 5% pyrite. Pre S2 bull quartz veins of variable width (V2)			
		VR09289A: S2 = 65deg. to core axis 1cm V1 bull quartz vein.	166.9	168.8	1.9
		VR09290A; S2 = 60deg. to core axis	168.8	170.8	2
		VR09291A: Discontinuous patches of bull quartz // to core axis	170.8	172.9	2.1
		Pyrite stringers ~~ 1mm wide follow core axis			
		VR09292A: Bull quartz vein 15cm wide @ 41deg. to core axis	172.9	173.3	0.4
		173.3 - 174.4m graphitic schist with chlorite			
		Pyrite forms cubes pre S2 cubes show obvious rotation, quartz bands in schist with			
		yellowish cream color - unusual texture			
		VR09293A	173.3	174.4	1.1
		174.4 - 185.1 Graphitic quartzite			
		tight foliated graphitic quartzite with 3% disseminated pyrite convolute S1 foliation			
		VR09294A: brittle fractures filled with dolomite	174.4	175.4	1
		Base of interval marked by graphite/pyrite breccia			
		brittle fracture often vuggy			
		VR09295A	175.4	177.4	2
		VR09296A: Foliaform quartz vein with tourmaline follows S1	177.4	179.4	2
		Subparallel to core axis			
		VR09297A: Broken cube with graphite along fractures	179.4	181.5	2.1
		~~ 4% disseminated pyrite follows foliation			
		VR09298A: Fine yellow <1mm carbonate filled brittle fracture	181.5	183.3	1.8
		VR09299A: Numerous open space filled - vuggy carbonate veinlets <2mm	183.3	185.1	1.8
		39deg. to CORE AXIS			
		185.1 - 187.1m quartz muscovite chlorite schist with pervasive calcite			
		cross cutting pre S2 quartz + calcite veins defines			
		pyrite occurs along microfractures at variable angles to core			

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	LENGTH(m)
		axis Z 305 carbonate			
		VR09300A:	185.1	187.1	2
		187.1 - 190.1m siliceous graphitic quartzite grading into graphite schist			
		VR09302A: Siliceous quartzite	187.1	188.5	1.4
		VR09303A: Graphite schist - incompetent with numerous brittle fractures filled by calcite	188.5	190.1	1.6
		190.1 - 192.7 m interbedded graphite schist and quartz			
		muscovite calcite schist. Wavy irregular contact			
		VR09304A	190.1	192.7	2.6
		192.7 - 196.2 m foliated graphitic quartzite with foliaform disseminated pyrite 3% pyrite			
		VR09305A Regular brittle fracture filled with calcite	192.7	194.8	2.1
		VR09306A S2 60deg. to core axis graphitic	194.3	196.2	1.9
		196.2 - 197.4 m auto brecciated graphitic quartzite with a matrix. flooded by calcite and quartz			
		becoming more brecciated with depth. Cross cutting bull quartz veinlet ~2cm			
		34 degrees. to core axis			
		VR09307A	196.2	197.4	1.2
		197.4 - 206.3m Graphite schist			
		Crumbly graphite schist with S2 foliation at 66deg. to core axis >80% graphite			
		VR09308A	197.4	198.1	0.7
		VR09309A:	198.1	200.4	2.3
		VR09310A: 200.4 - 200.5 quartz sericite fault gouge	200.4	202.3	1.9
		20 recovery unknown			
		VR09311A	202.3	204.3	2
		VR09312A: becomes more siliceous with depth	204.3	206.3	2
		206.3-218.5 m Competent graphitic quartzite with 2 recognizable fabrics (as defined)			
		~3% Disseminated pyrite as fine specks <1mm			
		VR09313A vuggy-curved quartz carbonate vein vugs	206.3	208.3	2
		within vein exhibits quartz crystals up to 1cm long & 3mm wide			
		calcite occurs as bulbous growths up to 3mm on quartz			
		(over 30 cm in length ~50deg. to core axis)			

Logged By: S. de Wit

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	LENGTH(m)
		VR09314A	208.3	210.4	2.1
		VR09315A: S2 = 60 degrees. to core axis - fine calcite filled fracture @ 31 degrees. to co	210.4	212.5	2.1
		VR09316A Brecciated quartz carbonate vein with	212.5	214.5	2
		rafts of schist supported by a quartz carbonate			
		matrix. Cuts 20deg. to CORE AXIS ~~ 10% of interval			
		VR09317A: 1% disseminated pyrite	214.5	216.2	1.7
		216.2 - 224.0 m well foliated graphitic quartzite			
		S2 = S1 no crenulation cleavage. veining absent with the exception of quartz + calcite			
		a long brittle fractures S2 50deg. to core axis ~~ 3% disseminated pyrite			
		VR09318A: Disseminated pyrite concentrated along graphite bands	216.2	218.2	2
		VR09319A:	218.2	220.2	2
		VR09320A:	220.2	222.2	2
		VR09321A:	222.2	224.6	2.4
		224.0 - 242.9 m Crenulated graphite schist with two distinguishable fabrics S1 compositional banding			
		where banding is defined by quartz + graphite S1 is generally wavy cross cut by S1			
		S2 graphitic cleavage cross cutting S1			
		pyrite occurs as irregular patches confined by S2. Pyrite ~ 1%			
		VR09322A of interval narrow graphite shear with a	224.6	226.6	2
		grey quartz vein 1cm wide @ 55deg. to A.	226.6	228.6	2
		VR09323A: crosscutting veins absent	226.6	228.6	2
		VR09328A: 2cm brecciated section @60deg. to CORE AXIS	228.6	230.6	2
		VR09325A	230.6	232.6	2
		VR09326A	232.6	234.6	2
		VR09327A: crosscutting quartz carbonate vein at 30deg to CORE AXIS	234.6	236.8	2.2
		VR09328A: S2 = 65deg. to core axis	236.8	238.9	2.1
		VR09329A: S2 = 50deg. to CORE AXIS = 3% pyrite	238.9	240.9	2
		VR09330A: S2 = 49deg to core axis	240.9	242.9	2

Kennecott Canada Inc. - Drill Log ***80 PUP*** DRILL HOLE # 9480-03

UTM EAST	UTM NORTH	ELEVATION	AZIMUTH	DIP	HOLE LENGTH
593732	7096419	591	180	-80	293

GRID	EAST	NORTH	START CORING @	CASING (M)	LEFT IN / OUT
			3.1		OUT

START DATE	END DATE

Targeted a broad resistivity low at depth.

DEPTH (m)	AZIMUTH	DIP	SURVEY INSTRUMENT
0	180	-80	BRUNTON
100.6	180	-82	SPERRY SUN
176.8	180	-83	SPERRY SUN
253	180	-83	SPERRY SUN

CORE LOGGERS	SAMPLE # FROM	SAMPLE # TO	TOTAL
R. CRANSWICK	VR09451A	VR09614A	
S. DE WIT	VR2269A	VR02270A	

INTERVAL FROM	INTERVAL TO	DESCRIPTION		SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)	Au >100ppb
0	3.1	OVERBURDEN					
3.1	11.3	GS/GQ	GRAPHITIC SCHIST/ QUARTZITE				
		GQ	WEATHERED MUSCOVITE -- QUARTZ SCHIST / GRAPHITIC QUARTZITE				
24.3	35.7	GZ	STRONGLY OXIDIZED RUBBLE & GOUGE (QMS, UM PROTOLITHS?)				
35.7	75	UM	ALTERED ULTRAMATIC				
74	80.9	QMS	QUARTZ - MUSCOVITE SCHIST				
80.9	96.5	GS/GQ	WAVY BANDED GRAPHITIC SCHIST/QUARTZITE				
96.5	152.3	QMS	MUSCOVITE - QUARTZ AND QUARTZ - MUSCOVITE SCHIST				
147.8	263.3	GS/GQ	CALCAREOUS GRAPHITE SCHIST/QUARTZITE				

Kennecott Canada Inc. - Drill Log *80 PUP* DRILL HOLE # 9480-03

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
0	3.1	OVERBURDEN			
3.1	11.3	GS/GQ GRAPHITIC SCHIST/ QUARTZITE			
		Medium grey to whitish grey; wavy banded qtz layers // foliation separated by graphitic			
		schist bands & wisps; early foliation from 60 degrees. to// to core axis, cut by later foliation @ 30-50degr. CORE AXIS			
		Qtz veins to 2cm // first foliation; whole section broken to rubbly ---> possibly not all bedrock			
		VR09451A: broken core, 5% qtz veining	3.1	4	0.9
		VR09452A: broken & rubbly --> poor recovery	4	7	3
		VR09453A: broken & rubbly --> poor recovery	7	11.3	4.3
		GQ WEATHERED MUSCOVITE -- QUARTZ SCHIST / GRAPHITIC QUARTZITE			
		MQS weathered tan - brown - orange, GQ does not show effects of weathering except for			
		orange oxidation pits after pyrite wisps within it.			
		VR09454A	11.3	15	3.7
		11.3 -.13.0 m (? - poor recovery) : strongly weathered MS ---> gougy @ end of interval			
		13.0 - 14.3 m : GQ as above description			
		14.3 - 15.0 m competent, pitted orange MQS			
		VR09455A: GQ with rusty oxidized pits; gougy @ 17.0; poor recovery	15	17.7	2.7
		VR09456A: strongly weathered MS to 23.0, more competent MQS to 24.3	17.7	24.3	6.6
		very poor recovery throughout.			
24.3	35.7	GZ STRONGLY OXIDIZED RUBBLE & GOUGE (QMS, UM PROTOLITHS?)			
		Dark orange to 32.0, pale yellow- orange to end; vuggy, pitted hard material & gougy sections			
		to 28.0, soft & greasy chinks & gouge below (weathered UM ?)			
		VR09457A: Very poor recovery	24.3	29.6	5.3
		VR09458A: Between blocks, very poor recovery	29.6	32.6	3
		VR09459A: Between blocks, very poor recovery	32.6	35.7	3.1

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
35.7	75	UM ALTERED ULTRAMAFIC			
		Dark serpentine green to light green (bleached); broken and gougy to 36.9, competent with			
		local talcy fault gouged sections below, silicified section adjacent quartz +/- carbonate			
		veining between and; abundant talcy gouge and fault breccias between and contorted			
		bedding/foliation with Fe - carbonate along foliation planes and fractures to end of interval,			
		soapy except silicified sections			
		VR09460: Broken, vuggy pieces < 5cm and rusty gouge	35.7	36.9	1.2
		36.9 - 47.3 m Fe - carbonate stock work and chrysotile veined interval patches and spots cut			
		massive light to dark green UM. Fe - carbonate veinlets are rusty red (fizz readily in HCL)			
		tan (fizz in HCL when scratched) and white (fizz weakly in HCL)			
		The white carbonate fills the centers of wider gash and open fractures which have			
		rusty Fe - carbonate selvages and are locally cut and offset by Fe - carbonate veinlets;			
		late quartz veinlets cut and offset both types of Fe - carbonate veinlets.			
		chrysolite veins from 5mm - 10mm + and lower angles to core axis rare quartz veinlets			
		at 45degr. to CORE AXIS (1 - 4mm) cut Fe - carbonate stockwork veinlets			
		VR09461A : dark green, mottled serpentinite ; 15% rusty and tan	36.9	38.4	1.5
		Fe - carbonate stockwork veinlets,			
		VR09462A ; light and dark green, dark green (chlorite ?) spots and	38.4	39.9	1.5
		patches locally, 10% tan and orange Fe - carbonate veinlets, 3%			
		white patch and gash fracture - filled carbonate, talcy slip at 38.7			
		VR09463A : as above; 12% tan and orange carbonate veinlets, 2% white carbonate	39.9	41.4	1.5
		gashes and patches			
		VR09464A : dark green, 15% tan and rusty carbonate stockwork, 3% white	41.4	42.9	1.5
		carbonate gash veins, dark green chrysotile (5mm) veinlets at 45degr. to CORE AXIS			
		VR09465A : dark to light green to dark green spots, 15% tan and rusty	42.9	44.4	1.5
		carbonate stockwork, 5% white gash veins, rare 3mm quartz veinlets			
		at 45degr. to CORE AXIS			
		VR09466A : dark green, 20% rusty Fe - carbonate veinlets, abundant microfractures,			
		3% white carbonate in gashes, 4% chrysolite veinlets at 45degr. to CORE AXIS			

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		VR09467: dark to mottled green, brown spots (?) ,10% tan Fe - carbonate			
		3% white carbonate gashes and rare quartz veinlets			
		47.3 - 56.3 m mottled green - brown - rusty orange and locally dark green - brown,			
		tan Fe - carbonate veinlets and rusty microfractures, white - beige veins from			
		5 - 10 mm + more // CORE AXIS, rock more soapy and soft : frequently broken			
		54.9, 55. (, 55.1 , 55.3 and 56.2 ; dark green chrysotile veinlets ; bleached adjacent			
		white beige veins			
		VR09468 : competent section 12% chrysolite ; 5% rusty and	47.3	48.8	1.5
		10% beige - white veins			
		VR09469: 50% bleached and mottled, 50% dark green	48.8	50.3	1.5
		VR09470: mottled with patchy tan - white carbonate to dark green soft	50.3	51.8	1.5
		micrfractured rock with 5% Fe - carbonate veinlets ---> white			
		carbonate breccia vein at 51.5 and last 20cm sheared and soapy			
		VR09471: mottled dark green - brown to orange - green, locally highly	51.8	53.3	1.5
		fractured and tan - white carbonate veins 1/2 locally brecciate dark			
		green (chlorite ?) matrix, gouge at 53.1			
		VR09472: mottled green - brown - beige , 10% tan carbonate veins, soft and soapy	53.3	54.8	1.5
		VR09473: soft, orange - beige, broken and gougy (poor recovery)	54.8	56.3	1.5
		20% white carbonate veining, Fe - carbonate on microfractures			
		56.3 - 63.0 m: medium green to bleached light green and locally tan - brown intermittent			
		quartz - carbonate breccia veined abundant white carbonate gash veins and microfractures,			
		breccia veins are from 3 to 50 cm wide, cut the core axis at 75degr. are often bounded			
		by and include white carbonate - filled microfractures brecciate the host rock and locally			
		the veins; fragments are tan, tan with brown cores, brown rock between breccia veins locally			
		auto brecciated by abundant quartz and carbonate microfractures whole interval is harder than			
		the surrounding talcy			
		VR09474: Carbonate veined, mottled brown to 56.8m, 5cm white carbonate. vein 80deg. t	56.3	57.8	1.5
		@56.8, mottled breccia vein from 57.0 - 57.5m, auto brecciated & light green			
		VR09475: intermittently autobrecciated, 10% carbonate veining			
		VR09476: 60% breccia veining, bleached and autobrecciated to end			

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	LENGTH(m)
		VR09477: 10cm breccia vein at top to green- brown mottled			
		serpentine with chrysotile veins at 60 degrees. to CORE AXIS, clear soft spots --> carbonate?			
		VR09478: mottled serpentinite with rare breccia veining and			
		10% beige carbonate veins; gougy fault at 55degr. to CORE AXIS at 62.2 poor recovery			
		63.0 - 74.0 m : Transition Zone intermittently brecciated and talcy faults to 68.4,			
		soft brown - orange serpentine with local quartz veined and silicified sections and			
		carbonate veined sections and orange contorted phyllite / schist			
		sections towards end of interval			
		VR09479: competent green serpentine with 70% talcy, gougy fault breccia			
		VR09480: green and mottled orange serpentine with 60% talcy	64.2	66.1	1.9
		fault material ---> dry hole at 64.4 (low recovery)			
		VR09481: highly fractured, soft, mottled brown serpentinite	66.1	67.3	1.2
		VR09482: as VR09481, plus upper 10cm is talcy schist with	67.3	68.6	1.3
		foliation at 45degr. to CORE AXIS			
		VR09483 : fractured, mottled brown serpentinite ---> last	68.6	69.9	1.3
		20cm soft and talcy			
		VR09484 : upper 30cm is quartz veined (40degr. to CORE AXIS), silicified	69.9	71.3	1.4
		breccia to orange microfractures ---> fragments include			
		grey (sericitic?) schist with disseminated. and fracture - filled			
		pyrite (2%) pyrite and host rock; rest is mottled brown			
		serpentinite and 20% broken, talcy sections			
		VR09485 : mottled orange - brown serpentinite with 15% patchy	71.3	72.5	1.2
		carbonate veining and minor sericite schist caught up in veining			
		VR09486 : orange quartz carbonate, veined and silicified section of serpentinite	72.5	74	1.5
		and highly contorted schist; vein breccias at 30degr.			
		to core axis cut rock at 72.5 and 73.5 ---> some relict feldspars (?)			
		suggest that these veins may be granitic			
74	80.9	QMS QUARTZ - MUSCOVITE SCHIST			
		upper contact broken (faulted ?) and chlorite, rest moderately foliation brown schist with			
		orange carbonate bands // foliation (tiger - like), foliation at 20 - 60dgre. to CORE AXIS, intermittently			

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		broken; broken crumbly and faulted at 79.6 - 80.6; 4% 0.5 - 3cm quartz veins // foliation			
		VR09487: 40% broken -->faulting?; poor recovery	74	76.8	2.8
		VR09488: 5% quartz veins // foliation	76.8	78.3	1.5
		VR09489: 50% broken core	78.3	79.6	1.3
		VR09490: 70% broken, crumbly and faulted, poor recovery	79.6	80.9	1.3
80.9	96.5	GS/GQ WAVY BANDED GRAPHITIC SCHIST/QUARTZITE			
		medium to dark grey; white quartz and dark graphitic bands (1 - 5 mm) are wavy parallel to			
		earlier foliation of 0 - 60degr. to CORE AXIS; wavy nature accentuated by later penetrative			
		foliation at 45 - 80 degrees. to CORE AXIS which offsets earlier foliation, 1 - 5mm calcite tension gashes			
		cut later foliation at 90 degrees. at 92.4 intermittently broken and faulted throughout			
		conformable and fault - bounded muscovite - quartz schist sections up to 50cm thick			
		upper contact faulted, lower contact gradational and conformable, picked			
		where wavy banding ends both quartz and calcite veining occur, rusty microfractures and pits			
		VR09491: 15cm of broken schist at top 4% 0.5 - 2cm quartz	80.9	82.4	1.5
		veins and sweats usually // foliation			
		VR09492: quartz - carbonate vein at 83.8	82.4	83.8	1.4
		VR09493: broken, poor recovery	83.8	86.1	2.3
		VR09494: broken , white - pink calcite in fault breccia from 87.0 - 87.8	86.1	88.1	2
		VR09495: graphitic fault breccia @ 30degr. to core axis, 40cm muscovite	88.1	89.8	1.7
		quartz schist and then a mixture of graphitic and muscovite			
		schist fault breccia			
		VR09496: quartz +/- carbonate veins and boudins brecciated and folded	89.8	90.9	1.1
		within graphitic and muscovite schist			
		90.0: contact between muscovite and graphitic schist @ 40degr. to core axis			
		VR09497: 3% calcite tension gashes, rare 1 - 3mm quartz veins //	90.9	92.9	2
		late foliation			
		VR09498: quartz +/- carbonate veining to 93.6 , calcite gashes // CORE AXIS to 93.8,	92.9	94.7	1.8
		broken and gougy @ 93.9 and 94.2			
		VR09499: 1 - 100mm brown wisps and bands of muscovite schist	94.7	96.5	1.8
		(20%),4% calcite + - quartz veins // and cross - cutting foliation			

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
96.5	152.3	QMS MUSCOVITE - QUARTZ AND QUARTZ - MUSCOVITE SCHIST			
		dominantly muscovite - quartz schist to, quartz - muscovite schist to graphitic interbeds with			
		both conformable (70% to CORE AXIS) and faulted contacts to 116.4			
		96.5-112.6: muscovite-quartz schist grey to green - brown, moderate foliation @ 50 - 60degr.			
		to CORE AXIS quartz bands locally parallel foliation, calcite spots and bands locally // foliation and			
		calcite gash veins parallel foliation			
		VR09500: 4% quartz sweats // foliation, 3% calcite gash veinlets	96.5	98.5	2
		VR09501: tan schist to 5% calcite spots and veins // foliation	98.5	100.3	1.8
		and 1% quartz veins // foliation			
		VR09502: dark grey graphitic schist with 3% quartz veins //	100.3	102	1.7
		foliation, conformable 50degr. to CORE AXIS contacts			
		VR09503 : 40% 5 to 30cm intervals of graphitic schist, rest	102	103.8	1.8
		quartz - rich (as bands // foliation) quartz - muscovite schist			
		VR09504 : siliceous quartz - muscovite schist to 104.1 and then quartz calcite	103.8	105.1	1.3
		vein @ 45degr. to CORE AXIS ---> calcite locally vuggy			
		VR09505: quartz - rich muscovite schist ---> quartz bands and veins	105.1	105.9	0.8
		parallel foliation, rare flecks of fuchsite			
		VR09506 : conformable siliceous wavy banded gr ? foliation	105.9	107.2	1.3
		quartzite; 1% quartz and 2% calcite veinlets perpendicular foliation			
		VR 09507: pale green siliceous and regular muscovite schist cut by	107.2	108.4	1.2
		quartz - carbonate veins and calcite veins locally sheared;			
		veined and pervasive fuchsite throughout interval - calcite			
		veins locally break up into spotted (corroded breccia?) texture			
		VR09508: banded muscovite - quartz schist ---> 50% calcite bands // foliation,	108.4	109.2	0.8
		2% grey quartz veinlets // foliation and rarely cut foliation,			
		2% quartz + - calcite veinlets sub // CORE AXIS			
		VR09509: tan schist w/o carbonate spots - muscovite quartz schist with cross cutting	109.2	110.1	0.9
		broken quartz - carbonate veins up to 2cm with vugs (2%) single quartz			
		veinlet and with mariposite			
		VR09510: pale green banded quartz rich muscovite schist with	110.1	111.8	1.7
		chloritic bands and 10% carbonate spots and bands fracture			
		(?) quartz flooding with weak pervasive limonite			

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		staining @ 50degr. to CORE AXIS			
		VR09511A :	111.8	112.6	0.8
		112.6-114.7 m muscovite-quartz schist - grey to greenish brown, moderately developed foliation			
		at @ 50 degrees. to CORE AXIS spotted with discontinuous bands of calcite			
		VR09512A :	112.6	114.7	2.1
		114.7 - 116.7 m :graphitic schist dark grey foliated graphitic schist with bands (5%)			
		of calcite parallel to foliation @ 70 degrees. to CORE AXIS fault contacts above / below with muscovite			
		quartz schist			
		VR09513A :			
		116.7 - 134.4 m : muscovite - quartz schist			
		dark grey foliated schist with wavy foliation crosscut by carbonate			
		and quartz carbonate veins			
		VR09514A: grey schist with 20% carbonate as wavy veinlets	116.7	117.3	0.6
		VR09515A: grey schist with 20% carbonate veinlets minor mariposite	117.3	119.3	2
		VR09516A: grey schist with wavy foliation	119.3	121	1.7
		VR09517A: fractured, locally incompetent muscovite quartz schist	121	122	1
		crossed by: (1) high angle - grey quartz vein ~ 3cm wide with sheared			
		sericite contacts; (2) narrow <1cm banded quartz veins - with disseminated			
		arsenopyrite?; (3) crosscutting brecciated clear quartz vein with vuggy carbonate .			
		VR09518A; grey muscovite quartz schist with 5% crosscutting quartz vein	122	124.4	2.4
		with 0.3% disseminated pyrite			
		VR09519A: schist - as above, but with crosscutting brecciated qtz. vein with carbonate.	124.4	125.5	1.1
		matrix ~~ 10%, broken calcite vein 3cm wide			
		VR09520A: schist - post metamorphosed brecciation fractured	125.5	126.8	1.3
		filled by iron carbonate schist with wavy foliation			
		VR09521A: fractured to locally brecciated silicified schist with high angle grey	126.8	128	1.2
		filled by iron carbonate schist with wavy foliation			
		VR09522A: grey muscovite quartz schist with wavy foliation + discontinuous	128	129.4	1.4
		bands of carbonate			

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		VR09523A: crosscut by 30% wavy quartz carbonate veins up to 3cm	129.4	130.9	1.5
		wide no obvious sulfides minor fuchsite along fractures			
		VR09524A:	130.9	132	1.1
		VR09525A	132	133.2	1.2
		133.2 - 147.8 m : quartz muscovite schist			
		- pale grey foliated calcareous QMS. - with well developed			
		foliation @ degrees. to core axis. 55-65 degrees. to core axis.			
		- crosscut by veins			
		1) % wavy irregular (1mm-5mm) carbonate veins @ degrees. to core axis.			
		2) % wavy irregular (brittle-host) quartz-carbonate			
		veins often with homolithic breccia fragments			
		VR09526A: . cut by high angle carbonate veinlets	133.2	134.4	1.2
		VR09527A: one 3cm qtz. carbonate vein at top silicified to 135.0	134.4	136.3	1.9
		VR09528A: wavy crosscutting calcite veinlets pre schistosity with disseminated pyrite	136.3	138.1	1.8
		<0.1%			
		VR09559A: wavy crosscutting calcite veinlets pre schistosity with disseminated pyrite	138.1	139.1	1
		VR09530A: crosscutting quartz vein (10cm) top of interval	139.1	140.5	1.4
		VR09531A:	140.5	142.3	1.8
		VR09532A: fractured to brecciated schist with high angle carbonate	142.3	144.1	1.8
		veins cross cutting schist (145.0-145.4m) breccia with calcite matrix			
		VR09533A: well foliated schist with schistosity @ 30% to core axis.	144.1	145.9	1.8
		VR09534A: well foliated muscovite quartz schist	145.9	147.3	1.4
		VR09535A: crosscutting calcite vein @ 10% to core axis.	147.3	148	0.7
147.8	263.3	GS/GQ CALCAREOUS GRAPHITE SCHIST/QUARTZITE			
		-mottled white/black with wavy compositional bounding +			
		later schistosity			
		147.8-152.4: gradational change from well foliated muscovite -			
		quartz schist with fine calcite patches to well foliated			
		graphitic schist schistosity @ 65deg. to core axis.			

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	LENGTH(m)
		VR09536A: few (<0.5%) calcite veins (103mm) crosscutting @ ~ ~ 15deg to core axis.	148	149.4	1.4
		VR09537A: wavy compositional banding obscured by well developed schistosity	149.4	150.9	1.5
		~ 10% calcite			
		VR09538A	150.9	152.4	1.5
		*152.4-157.2 mottled graphite schist with patches of muscovite quartz schist			
		VR09539A: mottled graphite schist with irregular wavy foliation	152.4	153.4	1
		VR09540A: mottled schist with quartz muscovite schist patches	153.4	154.5	1.1
		VR09541A: plastically deformed quartz carbonate vein	154.5	156.1	1.6
		VR09542A: mottled with qtz-musc schist patches	156.1	157.4	1.3
		157.4-157.9m graphitic breccia			
		- graphite matrix breccia with fragments calcite			
		grading into graphite gouge back into breccia - 157.6-157.9			
		fuchsite talc altered schist with finely disseminated			
		pyrite smear @ 40deg. to core axis. - not vuggy quartz vein with qtz. rosets			
		- breccia + talc - carbonate - fuchsite alteration			
		VR02269A: 157.9-176.0m: calcareous graphite schist	157.4	157.9	0.5
		- mottled graphite schist, with wavy compositional			
		banding, schistosity with variable attitudes			
		VR09543A: vuggy calcite filling irregular fracture	157.9	159.6	1.7
		VR09544A: @ 159.2m - 159.3m graphitic gouge zone @ 45deg to core axis.	159.6	161.1	1.5
		Note that late syn- deformational calcite filled fractures			
		(crosscut schistosity but are displaced along cleavage plains)			
		are deformed & brecciated.			
		- disseminated pyrite within sheared material			
		VR09545A: as above, but without shear zone	161.1	163.1	2
		VR09546A: as above - 1% pyrite	162.1	163	0.9
		VR09547A: graphite schist	163	165	2
		VR09548A: crosscutting quartz veins up to 10cm % - @ 165.9m - shear zone	165	166.5	1.5
		VR09549A: @ 167.7m graphite shear zone @	166.5	167.9	1.4
		VR09550A: graphite shear zone - NB poor recovery (60cm)	167.9	169.8	1.9

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	LENGTH(m)
		VR09552A: broken graphite schist with cross cutting	170	170.6	0.6
		VR09553A: grey graphitic schist with syn. deformational calcite	170.6	172.1	1.5
		veins @ 30deg to core axis. with gouge zone over top 10cm			
		VR09554A: grey schist with granitic schistosity @ 85deg to core axis.	172.1	173.7	1.6
		multiple gouge zone - 3% disseminated pyrite as cubes and irregular blebs			
		VR09555A:	173.7	175.7	2
		VR09556A: graphitic schist with	175.7	176	0.3
		176.0-182.2m - silicified graphite schist (quartzite)			
		- black silicified foliated schist with 5% disseminated			
		pyrite - wavy foliation. Disseminated - irregular pyrite			
		grains pyrite cubes up to 1m follow graphite along foliation			
		crosscutting quartz veinlets			
		VR09557A: discontinued quartz veinlets <1%, 3mm, vuggy	176	178.2	2.2
		VR09558A: v. silicified quartzite with discontinuous stringers of pyrite 0.5mm	178.2	179.5	1.3
		VR09559A: ditto	179.5	181	1.5
		181.0 - 182.4m: quartz muscovite/carbonate schist with fuchsite			
		- compositional foliation @ 70deg. to core axis. 3% disseminated pyrite			
		VR09560A: disseminated pyrite	181	182.4	1.4
		182.4-186.9m: graphite schist breccia			
		- breccia with silicified fragments with a weakly foliated			
		graphite matrix 60deg. to CORE AXIS. 60% matrix			
		VR09561A: Pyrite replacement of fragments over top 5cm fragments ~~ 30% over top 5c	182.3	184	1.68
		VR09562A: Wavy foliation with patches of pyrite replacing??	183.9	185	1.1
		Pyrite fracture controlled			
		VR09563A: Wavy foliation internal less brecciated, but is smeared	185	186.9	1.9
		186.9-189.3m - silicified graphitic schist (quartzite)			
		- well foliated graphitic schist with compositional			
		banding = schistosity = cleavage			

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		3% very finely disseminated pyrite - along graphitic cleavage			
		planes vuggy quartz veins 67deg. to core axis.			
		VR-9564A: Crosscutting quartz veinlets (-2mm) @ 20deg to core axis.	186.9	188.1	1.2
		VR09565A: Healed fracture 11 to core axis.	188.1	189.3	1.2
		189.3-193.2: brecciated graphite schist			
		- with 5% disseminated pyrite along fractures with graphite			
		- brecciated zones vuggy incompetent - friable comprised of 90% graphite matrix			
		VR090566A: Gouge zone 189.8 - 191.1	189.3	191.1	1.8
		VR09567A: Healed fracture 11 to core axis.	191.1	192.3	1.2
		VR90568A: very graphitic brecciated graphite schist poor recovery	192.3	193.2	0.9
		193.2 - 206.0m: graphitic quartzite			
		- well foliated graphitic quartzite			
		VR090569A: Discontinuous quartz veins. @194.7m 9cm 70deg. to core axis.	193.2	195.7	2.5
		VR090570A: wavy foliation. Cross cutting quartz veins with	195.7	197.3	1.6
		graphite selvages. Veins ~ 1% @ 45 degrees. to core axis.			
		VR090571A: Disseminated foliaform/schistosity controlled pyrite 3%	197.3	198.8	1.5
		VR090572A: irregular partially healed fractures	198.8	200.1	1.3
		disseminated pyrite 4%			
		VR090573A: Silicified, well foliated with irregular partials	200.1	201.8	1.7
		Healed fractures			
		VR090574A: Cross cutting quartz veins 58deg to core axis. foliated 75 degrees to core axi	201.8	203.3	1.5
		VR090575A: Quartz veins @ 60 degrees. to core axis.	203.3	204.3	1
		VR090576A: Quartz banding 65 degrees. to core axis.	204.3	205.2	0.9
		VR090577A: over developed	205.2	206	0.8
		206.0 - 207.7 graphite schist breccia			
		with angular silicified fragments supported by graphite matrix			
		VR090578A: 35% disseminated pyrite along fractures	206	207.7	1.7
		207.7 - 220 m: graphitic quartzite			

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	LENGTH(m)
		- graphitic dark grey quartzite with wavy foliation			
		ie plastic deformation - more siliceous with depth to			
		218.6m ptygmatic - convoluted quartz veins disseminated pyrite			
		VR090579A: disseminate pyrite along graphitic fractures/folia ~~ 2%	207.7	209.4	1.7
		VR090580A: as above	209.4	210.6	1.2
		VR090581A:	210.6	210.9	0.3
		VR090582A: ptygmatic forded quartz veins cross cut by younger quartz	210.9	212.7	1.8
		veins @ 5% to core axis.			
		VR090583A: Wavy quartz veins	212.7	214.5	1.8
		VR090584A: siliceous	214.5	215.9	1.4
		VR099585A: vuggy wavy grey quartz vein with disseminated pyrite in envelopes	215.9	217.3	1.4
		VR090586A: sparry quartz veinlet (5mm) 17% core axis.	217.3	218.6	1.3
		VR090587A: Gradationally more graphitic with depth. Increasing	218.6	220.8	2.2
		pyrite as cubes (3mm) 5%			
		220.8-232.3 graphite schist/quartzite			
		black graphitic quartzite with wavy convolute			
		foliation. Disseminated pyrite 2-5% controlled			
		by foliation. 2 distinct fabrics. Compositional			
		convolute foliation cross cut & deformed by planer			
		foliation/schistosity - weakly developed			
		VR09588A: Convolute disharmonic folding of compositional foliation so	220.8	222.3	1.5
		S inconsistent.			
		VR09589A: vuggy quartz veining - 1mm - 3mm <1%	222.3	223.4	1.1
		Joint @ 20 degrees. to core axis.			
		VR09590: Some graphitic fragments with slickensides	223.4	225.6	2.2
		VR09591A: more siliceous - no veining	225.6	227.1	1.5
		VR09592A: Incompetent graphitic schist/quartzite with prominent	227.1	228.6	1.5
		compositional banding <1% pyrite			
		VR09593A:	228.6	230.3	1.7
		VR02270A: Extremely poor recover	230.3	232.3	2

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		232.3-233.2 Graphite schist			
		Broken graphite schist with convolute folded + compositional			
		foliation. Disseminated pyrite <0.5%			
		VR09594A:	232.3	233.2	0.9
		233.2-255.3 Graphite Quartzite			
		Grey-black graphitic quartzite with variable (<1 - 3%) disseminated			
		pyrite - obvious compositional foliation with convolute			
		folding. Cleavage defined			
		VR09595A: Crosscutting 10 + cm quartz veins	233.2	234.4	1.2
		1% disseminated pyrite			
		VR09596A: 2cm cross cutting quartz vein with blebs of chalco pyrite	234.4	235	0.6
		vein convoluted			
		VR09597A:	235	236.8	1.8
		VR09598A: 5% foliaform disseminated pyrite	236.8	238.9	2.1
		VR09599A: as above	238.9	239.9	1
		VR09600A: increasing more siliceous with depth	239.9	241.4	1.5
		increasing pyrite with depth			
		VR09601A: 7-10% disseminated pyrite	241.4	242.9	1.5
		VR09602A: "	242.9	244	1.1
		VR09603A: Grey quartzite 5% pyrite	244	245.8	1.8
		VR09604A: Black graphitic quartzite with disseminated pyrite (1%)	245.8	247.5	1.7
		VR09605A: wisps of disseminated pyrite with irregular quartz veins	247.5	249.1	1.6
		VR09606A: <<1% pyrite	249.1	251.4	2.3
		VR09607A: 2% pyrite	251.4	252.1	0.7
		VR09608A: 2% pyrite	252.1	253.4	1.3
		255.3-261.9m Calcareous quartz muscovite schist/marble			
		with spots (5%) + bands (2%) of calcite. Foliation wavy			
		inclusions of graphite schist			
		<1% disseminated sulfides			
		VR090609A: V. fine crosscutting microveinlet @ 45 degrees. to core axis.	253.4	255.3	1.9

Kennecott Canada Inc. - Drill Log *80 PUP* DRILL HOLE # 9480-03

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INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	LENGTH(m)
		VR090610A: crosscutting 3cm quartz carbonate vein. 60deg. to core axis.	255.3	256.5	1.2
		VR090611A: @ 257.9m shear contact with graphite schist	256.5	258.2	1.7
		VR090612A:	258.2	260	1.8
		VR090613A: pose contact of calcareous QMS into graphite schist	260	261.9	1.9
		261.9m - 263.3m Graphite Schist			
		- with cryptic - convoluted - compositional foliation			
		sub parallel to CORE AXIS with weak to moderately well developed schistosity			
		- crosscutting convoluted quartz veinlets up to 1cm thick			
		VR090614A:	261.9	263.3	1.4
		E.O.H.			

Kennecott Canada Inc. - Drill Log ***80 PUP*** DRILL HOLE # 9480-04

UTM EAST	UTM NORTH	ELEVATION	AZIMUTH	DIP	HOLE LENGTH
592560	7097007	530	330	-70	111

GRID	EAST	NORTH	START CORING @	CASING (M)	LEFT IN / OUT
E-SCAN	111+00E	L108+00N	3.1		

START DATE	END DATE

DEPTH (m)	AZIMUTH	DIP	SURVEY INSTRUMENT
0	330	-70	BRUNTON
69.2	330	-70	SPERRY SUN
99.7	339	-69	SPERRY SUN

CORE LOGGERS	SAMPLE # FROM	SAMPLE # TO	TOTAL
	VR09615A	VR09675A	61
	VR02271A		1

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)	Au >100ppb
0	3.1	OVERBURDEN				
3.1	47.5	KBX1 COARSE FRAGMENT PYROCLASTIC BRECCIA				
47.5	111	KBX2 BLACK MATRIX BRECCIA				

Kennecott Canada Inc. - Drill Log *80 PUP* 9480-04

ogged By: S. de Wit

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
0	3.1	OVERBURDEN			
3.1	47.5	KBX1 COARSE FRAGMENT PYROCLASTIC BRECCIA			
		- hetrolithic with very angular fragments (60%, up to 30cm) with a fine milled matrix			
		- fragments exhibit strong pervasive argillic alteration			
		- fragments including: andesite with 5%k - spar phenocryst, silicified rhyolite, black siltstone			
		- silicified matrix with irregular later undeformed calcite veins running sub-parallel			
		to the core axis.			
		3.1-22.4m - breccia with intense pervasive clay weathering			
		- incompetent with primary textures preserved locally			
		- weak to moderate fracture controlled limonite staining			
		*NB burlap, sawdust, and plastic particle contamination			
		VR09615A: Buff weathering, texture destroyed by weathering			
		some andesite fragments preserved 80% clay			
		VR09616A: Buff weathering, textures better preserved	5.2	6.7	1.5
		VR09617A: Crumbles to gravel fragments	6.7	8.2	1.5
		VR09619A: Dark brown gouge sections with andesite fragments and siltstone	8.2	10.5	2.3
		fragments preserved			
		NB loss of circulation			
		VR09621A: <40% recovery - 17.2-17.4m red ochre - hematite	12.6	14.8	2.2
		matrix with well preserved matrix			
		VR09622A: Red ochre <40% recovery	14.8	17.4	2.6
		VR09623A: limonite stained matrix 17.4m - 17.6m	17.4	19.8	2.4
		NB no recovery	19.8	20.9	1.1
		VR09624A: crumbles to pebble - pervasive clay weathering	20.9	22.4	1.5
		22.4m-31.1m Pyroclastic fragment supported breccia			
		-breccia matrix preserved (<30%). - pervasive clay alteration of fragments + matrix			
		-matrix locally silicified. carbonate locally preserved.			

INTERVAL FROM	TO	DESCRIPTION	SAMPLES FROM (m)	TO (m)	LENGTH(m)
		- carbonate locally preserved			
		VR09625A: clasts average 5cm in diameter	22.4	23.7	1.3
		VR09626A: locally weathered to clay - incompetent	23.7	25.4	1.7
		VR09627A: andesite fragments to 30cm - calcite veinlet (3mm) preserve 1deg to core axis.	25.4	26.5	1.1
		VR09628A: intense argillic alteration with an oxidized limonite	26.5	29.5	3
		VR09629A: stained/matrix	29.5	30	0.5
		VR09630A: fine grained tuff fragments up to 30cm	30	31	1
		31.1m-38.5m Pyroclastic breccia with strong argillic alteration			
		-soft but competent core			
		-local flecks of hematite along calcite veinlets sub-parallel to core axis.			
		VR09631A: Tuff fragments up to 40cm patches of swelling clays	31.1	33.2	2.1
		VR09632A: Clasts altered to smectite clays (swelling)	33.2	35.2	2
		VR09633A: Alteration reaction rims around feldspar phenocrysts within	35.2	37	1.8
		andesite fragments and fragment matrix			
		VR09634A: breccia matrix silicified but clasts with	37	38.5	1.5
		strong argillic alteration			
		38.5-47.5 - greenish grey - breccia with chorite-himatite rims			
		around feldspar grains within andesite fragments			
		VR09636A: Hematite patches 1%	40.2	41.5	1.3
		VR09637A: 25cm siltstone fragment irregular calcite veinlets	41.5	44.4	2.9
		(3mm) sub parallel to core axis. with chlorite			
		VR09638A: calcite veinlets sub parallel to core axis	44.4	47.5	3.1
		VR09639A			
47.5	111	KBX2 BLACK MATRIX BRECCIA			
		hetrolithic matrix supported breccia, matrix of fine sand size fragments			
		Fragments of feldspar andesite porphyry and Graphite schist			
		47.5-53.5m Matrix supported breccia			

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		with 25% fine fragments within a fine milled breccia matrix			
		- milled contact at top with a fine fragment milled breccia at top			
		Pervasive clay (smectite) alteration of clasts			
		VR09641A: weakly developed flow banding			
		VR09642A: crosscutting hematite veinlet 1cm wide 9deg to core axis	49.5	51.5	2
		VR09643A: Banding	51.5	53.5	2
		VR09644A: clast supported breccia with pebble size clasts	53.5	55.3	1.8
		of andesite calcite veinlet (3mm sub parallel to core axis.)			
		VR09646A: As above	57.4	59.4	2
		VR09647A:			
		61.8-62.7m black matrix supported breccia with <20% fragments			
		fragments of andesite and graphite schist are irregular and v. angular			
		VR09648A: cross cutting veins @ 30deg. to core axis. 1mm wide	61.8	62.7	0.9
		62.7-70.9 clast supported black matrix breccia			
		- clasts (hetrolithic) with andesite fragments and lessor graphite schist fragments.			
		Disseminated pyrite as blebs within the matrix			
		VR09649A: Calcite veinlets = 1-3mm 35deg. to core axis.	62.7	64	1.3
		VR09650A: Single "rhyolite fragment"	64	66.1	2.1
		70.9-75.1m fine grained milled breccia clast support			
		-average clast size 3mm,less than 10% black matrix -moderate pervasive alteration			
		VR09654A: siderite - carbonate veins 50deg. to core axis.	70.9	73.1	2.2
		VR09655A: cross cutting quartz-carbonate veins with silicified envelopes 30deg. to core ax	73.1	75.1	2
		75.1-87.9m Clast supported medium clast breccia with 20% fine grained matrix.			
		Clasts average <1cm and are comprised of 60% andesite, 15% graphitic schist			
		5% other fragments			
		0.5% disseminated pyrite in matrix and clasts			
		VR09656A: olive green with patches of pyrite replacing clasts 1%	75.1	77.1	2

Kennecott Canada Inc. - Drill Log *80 PUP* 9480-04

ogged By: S. de Wit

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		VR09657A: 1% Pyrite	77.1	79.2	2.1
		VR09658A: Calcite veinlet 2m 25deg to core axis> weak pervasive oxidation	79.2	81	1.8
		VR09659A: Pervasive oxidation near joints	81	83	2
		VR09660A: Clasts show penetrative textures with matrix	83	84.8	1.8
		VR09661A: Irregular fractures	84.8	86.3	1.5
		VR09662A: Oxidized near 87.5	86.3	87.9	1.6
		VR09663A: Oxidized breccia	87.9	89.4	1.5
		89.4-91.5m fine grained milled breccia with a very fine matrix			
		VR09664A:	89.4	91.5	2.1
		91.5-98.1 medium fragment matrix supported breccia,			
		pale green with pervasive argillic alteration discontinued pervasive limonite staining			
		VR09665A: pervasive limonite staining	91.5	93.6	2.1
		VR09666A: Pervasive limonite staining	93.6	94.7	1.1
		VR09667A: irregular cross cutting calcite veinlet @ 23deg to core axis.	94.7	96.6	1.9
		VR09668A	96.6	98.1	1.5
		98.1-103.4m fine grained milled breccia with pale green alteration of andesite fragments			
		pervasive fracture controlled limonite staining 100.0 - 103.0			
		VR09669A: very narrow calcite filled fracture @ 10deg. to core axis.	98.1	99.7	1.6
		VR09670A: Pervasive fracture controlled limonite	99.7	101.4	1.7
		VR09671A: Staining 40deg. to core axis.	101.4	103.4	2
		103.4-111.0m matrix supported medium clast breccia			
		-1cm clasts of andesite graphitic quartzite			
		-Pervasive fracture controlled clay limonite staining whole alteration intense rock friable clasts.			
		altered to smectite clays			
		VR09672A: intense clay alteration - brownish weathering - fragments incompetent	103.4	105.8	2.4
		- black micronize 7mm wide @ 15 degrees. to core axis.			
		VR09673A: intense clay alteration	105.8	107.8	2

Kennecott Canada Inc. - Drill Log *80 PUP* 9480-04

ogged By: S. de Wit

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	LENGTH(m)
		VR09674A: Cross cutting calcite veinlet 3mm wide 30 degrees. to core axis.	107.8	109.1	1.3
		VR09675A: less altered breccia with white argillic reaction	109.1	111	1.9
		rims around andesite clasts and pervasive argillic alteration of feldspars within andesite			

Kennecott Canada Inc. - Drill Log *80 PUP* DRILL HOLE # 9480-05

UTM EAST	UTM NORTH	ELEVATION	AZIMUTH	DIP	HOLE LENGTH		DEPTH (m)	AZIMUTH	DIP	SURVEY INSTRUMENT
592560	7097007	530	330	-80	215.5		0	330	-79	BRUNTON
GRID	EAST	NORTH	START CORING @		CASING (M)	LEFT IN / OUT	87.4	337	-79	SPERRY SUN
E-SCAN	111+00E	L108+00N	29.9		29.9	OUT	148.4	337	-79	SPERRY SUN
			START DATE		END DATE		212.4	336	-79	SPERRY SUN

CORE LOGGERS	SAMPLE # FROM	SAMPLE # TO	TOTAL
S. DE WIT	VR09676A	VR09789A	114

INTERVAL		DESCRIPTION		SAMPLES			Au
FROM	TO			FROM (m)	TO (m)	LENGTH(m)	>100ppb
0	29.9	TRICONE + CASED NO RECOVERY					
29.9	31.4		Cave & poor recovery - not sampled				
31.4	48.8	KBX1	Coarse fragment pyroclastic breccia				
48.8	89.1	KBX2	Black matrix breccia				
89.1	93	KMS	black bedded silstone mudstone				
93	165.8	KBX2	clast supported black matrix breccia				
165.8	166.8	KAT	Grey lapilli tuff not bedded				
166.8	215.5	KBX2	clast supported black matrix breccia				

Kennecott Canada Inc. - Drill Log ***80 PUP*** DRILL HOLE # 9480-05

Logged By: RLC/SPD

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
0	29.9	TRICONE + CASED NO RECOVERY			
29.9	31.4	Cave & poor recovery - not sampled			
31.4	48.8	KBX1 COARSE FRAGMENT PYROCLASTIC BRECCIA			
		- hetrolithic, poorly sorted, very angular fragments (60%) within a silicified pyroclastic matrix			
		- fragments include 1) quartz feldspar andesite porphyry (%) '2) topaz rhyolite porphyry??			
		- fragments variable altered: ie. silicified, oxidized to intense argillic alteration - some			
		fine fibrous tourmaline clusters within weakly silicified fragments			
		- the matrix consists of fine lapilli and silicified matrix - that penetrates some fragments			
		31.4 - 34.4m - rhyolite fragments intensely argillic altered			
		phenocrysts within clasts rounded. Pervasive limonite staining			
		VR09676A: limonite staining 15 degrees. to core axis.	31.4	32.3	0.9
		VR09677A: Green altered limonite stained with	32.3	33.1	0.8
		hematite as patches within the matrix			
		VR09678A: As above	33.1	34.4	1.3
		34.4 - 34.9m - matrix supported black matrix breccia			
		with fine fragments of andesite			
		VR09679A: sharp contacts w/o chilled margins with out	34.4	34.9	0.5
		34.9 - 38.1m - pale green clast supported coarse fragment breccia			
		VR09680A: punky-green breccia	34.9	35.7	0.8
		VR09681A: locally milled breccia matrix	35.7	38.1	2.4
		N.B. v. poor recovery			
		38.1-4 38.1-40.2m - pale grey argillic altered breccia			
		oxidation @ 65deg to core axis. clasts exhibit reaction rims around phenocrysts			
		VR09682A	38.1	40.2	2.1
		40.2 - 44.0m green breccia with limonite and hematite stained			

Kennecott Canada Inc. - Drill Log ***80 PUP*** DRILL HOLE # 9480-05

Logged By: RLC/SPD

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	LENGTH(m)
		matrix clast supported breccia			
		VR09683A	40.2	40.9	0.7
		VR09684A	40.9	41.5	0.6
		VR09685A: hematite along fractures and enveloped medial jarosite 10 degrees. to core axis.	41.5	42.5	1
		VR09687A: refractured matrix with calcite veins	43	44	1
		44.0 - 48.8 - grey buff clast supported breccia			
		with a weakly silicified matrix. Locally calcite fills matrix, pervasive jarosite and goethite			
		staining of matrix. Fragments of andesite exhibit alteration halos around phenocrysts			
		VR09688A: fracture controlled limonite staining	45.5	47	1.5
		VR09689A	47	48.8	1.8
		VR09690A: crosscutting direct of black matrix breccia	47	48.8	1.8
48.8	89.1	KBX2 BLACK MATRIX BRECCIA			
		-hetrolithic matrix supported breccia with a matrix of fine sand size fragments within an			
		aphanitic back matrix. Fragments of feldspar andesite porphyry and graphitic			
		schist/quartzite average <2cm			
		-alteration varies from strong argillic replacement of andesite fragments w/ pervasive			
		limonite staining.			
		48.8-49.9 silicified breccia pale green breccia with a sharp			
		contact with coarse breccia above.			
		VR09690A	48.8	49.9	1.1
		49.9 - 50.3 black matrix dyke with raft of black bedded siltstone			
		VR09691A: crosscutting calcite vein @ 5deg to core axis> & 80deg to core axis. 1mm wide plana	49.9	50.3	0.4
		50.3 - 58.2 black matrix breccia with strong argillic alteration			
		of andesite fragments. Pervasive limonite staining pervasive calcite			
		VR09692A: Pervasive argillic alteration	50.3	52.3	2
		VR09693A: Crumbly incompetent core	52.3	54.3	2
		VR09694A: Quartz veinlet 2mm 25deg to core axis.	54.3	56.2	1.9
		VR09695A: Quartz veinlet 2mm 25 degrees. to core axis.	56.2	58.2	2

Kennecott Canada Inc. - Drill Log ***80 PUP*** DRILL HOLE # 9480-05

Logged By: RLC/SPD

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		58.2 - 70.3m black matrix breccia olive clasts only weak pervasive argillic alteration			
		VR09696A: moderate argillic alteration of fragments	58.2	60.2	2
		VR09697A: weak pervasive limonite staining	60.2	62.2	2
		VR09698A: 10cm grey aphanitic dyke with chilled margin 28 degrees. to core axis.	62.2	64.3	2.1
		VR09699A:	64.3	66.3	2
		VR09700A	66.3	68.4	2.1
		VR09701A: intense argillic alteration	68.4	70.3	1.9
		70.3-76.1 intensely argillic altered breccia			
		becoming less altered with depth			
		VR09702A: weak flow baning @ 72.2m	703	72.2	-630.8
		VR09703A: Joints 35 degrees. to core axis.	72.2	74.2	2
		VR09704A:	74.2	76.1	1.9
		76.1 - 81.4 fine grained black matrix breccia			
		matrix supported hetrolithic breccia with a matrix of fine (sand) milled clasts with			
		an aphanitic black groundmass. Clast consist of andesite and graphite schist			
		VR09705A: olive green with moderate clay alteration	76.1	78.2	2.1
		VR09706A: Olive green with moderate clay alteration	78.2	80.4	2.2
		VR09707A: clasts with argillic altered rims	80.4	81.4	1
		81.4 - 89.1 clast supported black matrix breccia			
		poorly sorted andesite graphitic schist fragments			
		within a milled matrix of finer fragments			
		Fragments very angular with disseminated			
		pyrite within the matrix Pyrite <0.5%			
		VR09708A: Olive clay altered breccia	81.4	82.8	1.4
		VR09709A: weakly to unaltered breccia	82.8	84.4	1.6
		VR09710A: clasts exhibit white clay altered rims. Disseminated pyrite as blebs	84.4	86.5	2.1
		and disseminated within matrix			
		VR09711A: as above	86.5	87.8	1.3
		VR09712A: pervasive clay jarosite alteration Pyrite oxidized to limonite	87.8	89.1	1.3

Kennecott Canada Inc. - Drill Log ***80 PUP*** DRILL HOLE # 9480-05

Logged By: RLC/SPD

INTERVAL FROM	TO	DESCRIPTION	SAMPLES FROM (m)	TO (m)	LENGTH(m)
89.1	93	KMS BLACK BEDDED SILTSTONE			
		brittle - incompetent pillow structures -->ductile soft sediment deformation - D			
		penetrative contact with breccia at base + sharp contact at top (raft in breccia)			
		VR09713A: discontinuous calcite veins ~~ 2mm wide	89.1	90.5	1.4
		VR09714A: cross cutting dyke up black matrix material = 2cm wide @ 55deg. to core axis.	90.5	91.7	1.2
		VR09715A: as above	91.7	93	1.3
93	165.8	KBX2 CLAST SUPPORTED BLACK MATRIX BRECCIA			
		Poorly sorted andesite graphite schist fragments within a milled matrix of finer fragments			
		clast 2mm - 5cm and angular			
		VR09716A: Olive clay altered breccia	93	94.6	1.6
		VR09717A: Olive clay altered breccia	94.6	95.9	1.3
		95.9 - 99.1m flow banded black matrix breccia			
		banding 14deg. to core axis. matrix supported breccia with fragments			
		of andesite 1-4mm			
		VR09718A	95.9	97.6	1.7
		VR09719A	97.6	99.1	1.5
		99.1-102.8m clast supported black matrix breccia			
		poorly sorted angular fragments of andesite 60% and graphite schist 10%			
		within a milled matrix of finer fragments + black glass?			
		VR09720A: oxidized + clay altered breccia	99.1	101.1	2
		VR09721A: Alteration confined to reaction rims around fragments	101.1	102.8	1.7
		of andesite 0.5% disseminated pyrite			
		102.8 - 103.3 black carbonaceous siltstone/mudstone with			
		waved-granulated bedding deformed plastically unaltered only trace carbonate along fractures			
		VR09722A	102.8	103.3	0.5
		103.3 - 110.1 clast supported black matrix breccia			
		poorly sorted very fragmental, angular fragments of andesite 60% and graphite schist 10%			

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Logged By: RLC/SPD

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	LENGTH(m)
		with a fine grained black matrix with fine fragments			
		Coarse fragments up to 25cm across. Pervasive chlorite alteration of clast, with white halos			
		of sericite?? Pyrite disseminated in matrix and as patches.			
		VR09723A: single cross cutting 1mm quartz veinlet w/o alteration envelope	103.3	105	1.7
		36 degrees. to core axis.			
		VR09724A: 25cm clast near 105.1m with texture destroyed by	105	106.9	1.9
		pervasive alteration, fracture controlled limonite staining			
		VR09725A	106.9	109.1	2.2
		VR09726A: As above	109.1	110.1	1
		110.1-114.0 matrix supported black matrix breccia			
		poorly - moderately sorted with smaller angular fragments			
		VR09727A: joints 30 degrees. to core axis.	110.1	111.9	1.8
		VR09728A: coarser to below	111.9	114	2.1
		114.0-121.0 clast supported black matrix breccia			
		v. poorly sorted, v. angular fragmented andesite 60% with a fine black matrix clasts up to 25cm			
		matrix penetrates clasts			
		VR09729A: reaction rims around andesite fragments	114	116	2
		VR09730A: subvertical veinlets of black ???till??	116	117.7	1.7
		VR09731A	117.7	119.7	2
		VR09732A: Crumbly incompetent clay alteration	119.7	121	1.3
		121.0-125.9m Graphitic black siltstone and mudstone			
		with b coding. Top 1.5m cross cut by numerous 3mm			
		carbonate veinlets @ 25deg. to core axis.			
		VR09733A: 0.75m recovery	121	122.5	1.5
		VR09734A: sheared graphitic mudstone	122.5	124.2	1.7
		VR09735A	124.2	125.9	1.7
		125.9-126.2m matrix supported black matrix breccia			
		with andesite fragments (2mm - 50mm) ~~ 20%, graphite schist fragments 5%.			
		brecciated contact with breccia below			

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	SAMPLES LENGTH(m)
		calcite throughout			
		VR09749A: micro veinlets of 3mm calcite with medial pyrite 1mm	147.1	149.2	2.1
		50deg. to core axis.			
		VR09750A: no micro veinlets	149.2	151.1	1.9
		VR09751A: cross cut by numerous quartz veinlets @ 50deg to core axis.	151.1	152.4	1.3
		5cm sheared breccia 45 degrees to core axis. with a 3mm Quartz carbonate vein			
		152.4 - 153.7m reworked clast supported breccia with 2 degrees. matrix			
		supported breccia with breccia fragments irregular contacts			
		VR09752A	152.4	153.7	1.3
		153.7 - 155.6m clast supported black matrix breccia			
		with andesite fragments 2mm-50mm 50% + graphitic schist fragment - 10%			
		VR09753A:	155.6	157.6	2
		155.6 - 159.2m reworked sheared clast supported black matrix			
		breccia with breccia fragments with strong argillic alteration			
		shear @ 7deg. to core axis.			
		VR09754A: -1% disseminated pyrite	155.6	157.6	2
		VR09755A: intensely clay altered 1% Pyrite disseminated	157.6	159.2	1.6
		159.2 - 165.8m interbedded coarse clast breccia			
		Flow banded fine clast matrix supported breccia weak pervasive sericitic alteration			
		clast with clay alteration rims			
		VR09756A: coarse fragment clasts supported breccia w/o veining	159.2	160.6	1.4
		VR09757A: interbedded coarse clast breccia	160.6	161.8	1.2
		VR09758A: flow banded breccia with banding @ 40deg. to core axis. and medial	161.8	162.9	1.1
		quartz carbonate veinlet 3mm wide			
		VR09759A: as above	162.9	164.4	1.5
		VR09760A: coarse fragment clast supported breccia	164.4	165.8	1.4
165.8	166.8	KAT GREY LAPILLI TUFF			
		not bedded with coarse sand size fragments of andesite & graphite schist			

Kennecott Canada Inc. - Drill Log ***80 PUP*** DRILL HOLE # 9480-05

Logged By: RLC/SPD

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	LENGTH(m)
		VR09736A	125.9	126.2	0.3
		126.2 - 143.7m clast supported black matrix breccia			
		Poorly sorted angular andesite (65%) + graphite			
		schist fragments (5%) - pervasive disseminated calcite			
		with a matrix of finer fragments - clasts with reaction			
		rims of chlorite + sericite + pervasive clay alteration			
		VR09737A: disseminated pyrite blebs < 0.5%	126.2	128.3	2.1
		VR09738A: intensely clay altered with shear (1cm) @ 15deg. to core axis.	128.3	130.1	1.8
		VR09739A: As above	130.1	132.1	2
		VR09740A: Calcite fragments	132.1	134	1.9
		VR09741A: Pyrite replacing graphitic schist	134	136.1	2.1
		VR09742A: Crosscutting irregular calcite veinlets @ 20 degrees. to core axis.	136.1	138.3	2.2
		VR09743A: Crosscutting brecciated quartz - carbon vein 55 degrees. to core axis.	136.1	138.3	2.2
		+ 20 degrees. to core axis.			
		VR09744A: Crosscutting brecciated quartz - carbon vein 55 degrees. to core axis.	139.7	141.7	2
		+ 20 degrees. to core axis.			
		VR09745A: Crosscutting brecciated quartz - carbon vein 55 degrees. to core axis.	141.7	143.7	2
		+ 20 degrees. to core axis.			
		VR09746A: Crosscutting brecciated quartz - carbon vein 55 degrees. to core axis.	143.7	144.1	0.4
		+ 20 degrees. to core axis.			
		146.1 - 147.1m grey - black matrix supported hetrolithic breccia			
		dyke. 20% fragments within an aphanite matrix			
		cross cut by calcite-pyrite 3mm 30% core axis.			
		with <0.5% disseminated pyrite sharp contact 35 degrees. to core axis.			
		above & below			
		VR09748A:	146.1	147.1	1
		147.1 - 152.4m clast supported black matrix breccia.			
		With penetrative textures of matrix into clasts clast 50% andesite 10% graphitic schist			
		andesite clasts with 2mm white reaction rims of kaolinite with pervasive sericite.			
		Disseminated pyrite (-1%) within the matrix weak dissemination			

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	LENGTH(m)
		VR09761A: disseminated pyrite ~1%	165.8	166.8	1
166.8	215.5	KBX2 CLAST SUPPORTED BLACK MATRIX BRECCIA			
		Poorly sorted andesite graphite schist fragments within a milled matrix of finer fragments			
		clast 2mm - 5cm and angular			
		166.8 - 170.8m layered coarser fragment/fine fragment breccia			
		with pervasive disseminated calcite			
		VR09762A: 167.7-168.6m bleached matrix breccia	166.8	168.6	1.8
		cross cutting quartz vein = 2mm @ 70deg. to core axis.			
		VR09763A: fine pebble (angular) breccia	168.6	170.8	2.2
		170.8 - 174.1 clast supported black matrix breccia			
		with andesite fragments 2mm-50cm 60% graphite schist fragments ~ 10% andesite fragments			
		pervasively sericite altered with 1mm clay alteration rims			
		VR09764A: cross cutting black matrix dykelet 40deg. to core axis.	170.8	172.6	1.8
		VR09765A: more intense argillic alteration crumbly core	172.6	174.1	1.5
		174.1 - 175.1 sheared breccia			
		shearing 30 degrees. to core axis. intense clay alteration			
		VR09766A	174.1	175.1	1
		175.1 - 203.3m clast supported black matrix breccia			
		poorly sorted with very angular andesite (60%), graphitic schist (2%)			
		and quartz muscovite schist (2%) fragments			
		- alteration moderate pervasive sericitic alteration of andesite fragments,			
		with rims of kaolinite 1mm wide			
		- disseminated pyrite within the matrix and within graphitic schist fragments			
		VR09767A	175.1	176.7	1.6
		VR09768A: intense clay alteration of breccia	176.7	177.7	1
		VR09769A: weakly altered...1% disseminated pyrite	177.7	178.6	0.9
		VR09770A: as above, but with 2% disseminated pyrite	178.6	180	1.4
		VR09771A: As above, but with 2% disseminated pyrite	180	181.4	1.4

Kennecott Canada Inc. - Drill Log ***80 PUP*** DRILL HOLE # 9480-05

Logged By: RLC/SPD

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLES FROM (m)	SAMPLES TO (m)	LENGTH(m)
		VR09772A: broken core - breccia with clast of QMS> 10cm; 3% pyrite within clasts + matrix	181.4	183.5	2.1
		shear 11 degrees to core axis.			
		VR09773A: bleached matrix - silicified with 3% Pyrite	183.5	184.4	0.9
		VR09774A: Finer breccia	184.4	186.2	1.8
		VR09775A	186.2	187.5	1.3
		VR09776A	187.5	189.5	2
		VR09777A: slikensides on graphitic shear 35deg. to core axis.	189.5	191.5	2
		VR09778A: one rounded 2cm granitic fragment	191.5	193.5	2
		VR09779A: locally finer than above and below	193.5	195.5	2
		VR09780A: crosscutting andesite dykelet @ 197.1m 2cm wide, 73deg. to core axis.	195.5	197.5	2
		crosscutting black matrix dykelets are 1cm width at variable angles.			
		VR09781A: 1% disseminated pyrite throughout. Single granitic fragment 10cm wide	197.5	199.5	2
		with fuzzy texture			
		VR09782A: granitoid clast intensely clay altered	199.5	201.4	1.9
		VR09783A: becomes progressively more bleached with depth	201.4	203.3	1.9
		203.3 - 209.3 bleached matrix clast supported breccia			
		greenish altered andesite clasts with whitish fine fragments within the matrix andesite clasts			
		up to 20cm. Pervasive sericite + carbonate alteration			
		VR09784A: irregular cross cutting black matrix material in microveinlets <0.5%	203.3	205.3	2
		disseminated pyrite			
		VR09785A: blacker matrix	205.3	207.3	2
		VR09786A: finer matrix + clasts within breccia	207.3	209.3	2
		209.3-213.3 clasts supported black matrix breccia with			
		-80% angular andesite fragments, fragments bleached white with argillic alteration			
		-disseminated pyrite (~1%)			
		VR09787A: disseminated pyrite forming irregular patches (2%)	209.3	211.3	2
		VR09788A	211.3	213.3	2
		213.3-215.5m clast supported breccia			
		with 1m raft of rhyolite tuff with bedding. Black matrix breccia @ both top and bottom.			
		bedding 45deg. to core axis. slikensides rake - 85 one joints 60 degrees. to core axis.			
		VR09789A: Cross cutting black matrix dykelets	213.5	215.5	2

APPENDIX E

Drill Core Sample Results

Hole No.	From (m)	To (m)	Lithology	Chemex Certificate No.	Sample Number	Au ppb (5ppb)	Ag ppm (.2ppm)	Al % (0.01%)	As ppm (2ppm)	Ba ppm (10ppm)	Be ppm (.5ppm)	Bi ppm (2ppm)	Ca % (0.01%)	Cd ppm (.5ppm)	Co ppm (1ppm)	Cr ppm (1ppm)	Cu ppm (1ppm)	Fe % (0.01%)	Ga ppm (10ppm)
9480-01	11.3	14.3	UMC	A9425641	VR09001A	-5	0.4	2.24	134	230	-0.5	-2	2.14	3.5	32	721	112	9.2	10
9480-01	14.3	17.4	UMC	A9425641	VR09002A	-5	0.2	4.04	54	390	-0.5	-2	0.64	1	26	248	153	5.13	10
9480-01	17.4	19.8	UMC	A9425641	VR09003A	-5	0.4	4.17	64	590	-0.5	-2	0.93	2.5	29	376	143	7.03	10
9480-01	19.8	23.5	UMC	A9425641	VR09004A	-5	-0.2	2.59	12	400	-0.5	-2	0.45	1	20	173	103	4.09	10
9480-01	23.5	26	UMC	A9425641	VR09005A	-5	-0.2	2.74	-2	400	-0.5	-2	1.14	0.5	14	71	75	3.62	10
9480-01	26	28.3	UMC	A9425641	VR02250A	-5	-0.2	2.37	-2	210	-0.5	6	2.52	-0.5	14	71	82	3.6	-10
9480-01	28.3	29.6	UMC	A9425641	VR09006A	-5	-0.2	2.23	4	340	-0.5	-2	2.52	0.5	9	189	89	2.93	-10
9480-01	29.6	29.9	UMC	A9425641	VR09007A	-5	-0.2	2.91	14	260	-0.5	-2	2.49	0.5	10	85	75	3.27	-10
9480-01	29.9	30.2	UMC	A9425641	VR09008A	-5	0.4	2.34	14	240	-0.5	-2	4.13	0.5	10	101	71	3.28	-10
9480-01	30.2	30.6	UMC	A9425641	VR09009A	-5	-0.2	1	2	120	-0.5	-2	10.35	-0.5	3	46	33	2.25	-10
9480-01	30.6	31.7	UMC	A9425641	VR09010A	-5	0.2	3.33	12	170	-0.5	-2	3.51	-0.5	10	66	79	3.47	-10
9480-01	31.7	32.6	UMC	A9425641	VR02251A	-5	-0.2	2.84	4	270	-0.5	-2	3.11	-0.5	13	51	85	3.91	10
9480-01	32.6	35.7	UMC	A9425641	VR09011A	-5	0.2	2.28	-2	500	-0.5	-2	2.87	0.5	10	66	62	2.82	-10
9480-01	35.7	38.7	UMC	A9425641	VR09012A	-5	0.2	2.59	-2	250	-0.5	2	2.78	0.5	11	71	75	3.52	10
9480-01	38.7	39	UMC	A9425641	VR09013A	-5	-0.2	2.49	4	1090	-0.5	-2	3.27	-0.5	11	99	84	3.44	-10
9480-01	39	41.1	UMC	A9425641	VR09014A	-5	-0.2	1.37	-2	280	-0.5	-2	5.98	-0.5	5	211	52	1.79	-10
9480-01	41.1	42.3	UMC	A9425641	VR02252A	-5	0.2	2.72	-2	240	-0.5	-2	3.11	-0.5	13	93	81	4.09	10
9480-01	42.3	43	UMC	A9425641	VR09015A	-5	-0.2	2.05	8	240	-0.5	-2	2.81	-0.5	9	67	58	3	-10
9480-01	43	44.8	UMC	A9425641	VR02253A	-5	-0.2	2.31	6	170	-0.5	-2	2.46	-0.5	13	49	78	3.84	10
9480-01	44.8	45.4	UMC	A9425641	VR09016A	-5	0.2	1.65	14	170	-0.5	-2	4.85	0.5	11	90	108	2.75	-10
9480-01	45.4	47.9	UMC	A9425641	VR09017A	-5	0.2	2.39	8	220	-0.5	-2	2.16	-0.5	12	69	85	3.51	-10
9480-01	47.9	49	UMC	A9425641	VR02254A	-5	-0.2	2.33	2	190	-0.5	-2	2.24	-0.5	13	66	91	3.6	-10
9480-01	49	50.9	UMC	A9425641	VR02255A	-5	-0.2	2.4	4	200	-0.5	-2	1.89	-0.5	13	57	90	3.85	-10
9480-01	50.9	52.9	UMC	A9425641	VR02256A	-5	-0.2	2.27	-2	200	-0.5	-2	1.92	-0.5	13	60	87	3.72	-10
9480-01	52.9	54	UMC	A9425641	VR02257A	-5	0.2	1.78	-2	190	-0.5	-2	1.09	-0.5	10	50	75	2.92	-10
9480-01	54	55.4	UMC	A9425641	VR02258A	-5	-0.2	2.24	-2	210	-0.5	-2	2.19	-0.5	13	72	81	3.59	-10
9480-01	55.4	57	UMC	A9425641	VR02259A	-5	0.2	1.89	6	170	-0.5	-2	2.99	-0.5	11	70	73	3.05	-10
9480-01	59	60.3	UMC	A9425641	VR02261A	-5	-0.2	2.56	-2	200	-0.5	-2	2.26	-0.5	14	63	90	3.76	-10
9480-01	60.3	61.7	UMC	A9425641	VR09018A	-5	-0.2	2.72	2	250	-0.5	-2	2.81	-0.5	11	78	107	3.51	-10
9480-01	61.7	63.1	UMC	A9425641	VR02262A	-5	-0.2	2.47	-2	170	-0.5	-2	2.25	0.5	14	69	83	3.79	10
9480-01	63.1	65	UMC	A9425641	VR02263A	-5	-0.2	2.34	-2	160	-0.5	-2	2.03	-0.5	12	73	81	3.39	-10
9480-01	65	66.9	UMC	A9425641	VR02264A	-5	-0.2	2.39	-2	160	-0.5	-2	3.83	-0.5	13	89	79	3.59	-10
9480-01	66.9	69	UMC	A9425641	VR02265A	-5	-0.2	2.39	-2	220	-0.5	-2	3.08	-0.5	13	95	83	3.51	-10
9480-01	69	71	UMC	A9425641	VR02266A	-5	-0.2	2.24	4	260	-0.5	-2	2.81	-0.5	12	70	83	3.33	-10
9480-01	71	72.2	UMC	A9425641	VR02267A	-5	-0.2	2.6	10	210	-0.5	-2	2.77	-0.5	14	85	102	3.67	-10
9480-01	72.2	73	UMC	A9425641	VR09019A	-5	-0.2	2.84	-2	250	-0.5	-2	3	-0.5	10	73	79	2.97	-10
9480-01	73	75.3	UMC	A9425641	VR09020A	-5	-0.2	3.04	-2	480	-0.5	-2	3.14	0.5	12	106	87	3.75	-10
9480-01	75.3	77	UMC	A9425641	VR09021A	-5	-0.2	3.15	-2	240	-0.5	-2	2.61	0.5	13	86	79	3.25	-10
9480-01	77	78.3	UMC-BX	A9425641	VR09022A	-5	-0.2	5.14	4	160	-0.5	-2	3.28	0.5	17	113	29	4.82	-10
9480-01	78.3	79.6	UMC-BX	A9425641	VR09023A	-5	-0.2	0.28	148	20	-0.5	-2	5.29	0.5	38	1005	17	1.95	-10
9480-01	79.6	81	UMC	A9425641	VR09024A	-5	-0.2	0.21	96	10	-0.5	-2	1.01	1	53	1120	17	2.91	-10
9480-01	81	81.5	UMC	A9425641	VR09025A	-5	-0.2	0.11	112	-10	-0.5	-2	0.31	-0.5	84	1180	19	3.35	-10
9480-01	81.5	83.5	UMC	A9425641	VR09026A	-5	-0.2	0.08	126	-10	-0.5	-2	0.22	-0.5	66	958	16	3.49	-10
9480-01	83.5	84.7	UMC	A9425641	VR09027A	-5	-0.2	0.13	138	-10	-0.5	-2	0.15	-0.5	48	1235	20	2.59	-10

Sample Number	Hg ppm (1ppm)	K % (.01%)	La ppm (10ppm)	Mg % (0.01%)	Mn ppm (5ppm)	Mo ppm (1ppm)	Na % (.01%)	Ni ppm (1ppm)	P ppm (10ppm)	Pb ppm (2ppm)	Sb ppm (2ppm)	Sc ppm (1ppm)	Sr ppm (1ppm)	Tl % (.01%)	Ti ppm (10ppm)	U ppm (10ppm)	V ppm (1ppm)	W ppm (10ppm)	Zn ppm (2ppm)
VR09001A	-1	0.18	10	0.65	530	-1	0.02	341	9560	344	10	19	39	-0.01	-10	-10	141	20	224
VR09002A	-1	0.23	10	1.08	570	-1	0.02	129	1800	18	8	22	50	-0.01	-10	-10	92	10	174
VR09003A	-1	0.34	10	1.04	570	1	0.05	174	3400	90	6	19	53	-0.01	-10	-10	122	10	186
VR09004A	-1	0.2	10	1.02	560	1	0.03	58	990	10	4	14	37	-0.01	-10	-10	69	10	104
VR09005A	-1	0.23	10	0.99	475	-1	0.04	20	750	6	2	13	40	-0.01	-10	-10	60	-10	78
VR02250A	-1	0.26	-10	1.64	695	2	0.02	27	710	-2	4	5	83	0.1	-10	-10	50	-9	74
VR09006A	-1	0.26	-10	0.78	545	1	0.03	19	570	2	4	6	49	-0.01	-10	-10	35	10	72
VR09007A	-1	0.27	-10	1.18	420	-1	0.02	13	680	4	2	7	48	-0.01	-10	-10	38	-10	76
VR09008A	-1	0.19	-10	1.44	645	-1	0.01	9	550	10	4	9	58	-0.01	-10	-10	39	10	64
VR09009A	-1	0.12	-10	4.52	865	-1	0.02	4	260	-2	-2	5	151	-0.01	-10	-10	25	10	36
VR09010A	-1	0.16	-10	1.22	645	-1	0.02	10	640	-2	4	13	71	-0.01	-10	-10	66	-10	72
VR02251A	-1	0.18	10	1.4	775	-1	0.02	15	770	2	2	15	81	-0.01	-10	-10	78	-9	68
VR09011A	-1	0.25	10	1.05	685	1	0.02	13	530	-2	-2	9	85	-0.01	-10	-10	44	-10	60
VR09012A	-1	0.27	10	1.37	755	-1	0.03	12	650	2	4	12	83	-0.01	-10	-10	58	10	72
VR09013A	-1	0.26	10	1.4	715	-1	0.03	14	640	2	4	11	79	-0.01	-10	-10	51	-10	76
VR09014A	-1	0.24	-10	0.69	775	6	0.02	9	280	2	-2	6	115	-0.01	-10	-10	31	-10	38
VR02252A	-1	0.26	10	1.65	800	-1	0.03	19	730	-2	4	13	85	-0.01	-10	-10	63	-9	74
VR09015A	-1	0.26	10	1.12	665	-1	0.02	11	570	-2	4	7	58	-0.01	-10	-10	36	-10	64
VR02253A	-1	0.21	10	1.45	760	-1	0.02	15	790	2	4	7	76	0.02	-10	-10	49	-9	74
VR09016A	-1	0.23	-10	1.03	840	2	0.02	10	540	4	2	4	176	0.04	-10	-10	39	-10	56
VR09017A	-1	0.28	-10	1.47	725	1	0.04	14	720	-2	2	5	70	0.17	-10	-10	52	10	76
VR02254A	1	0.25	-10	1.53	705	-1	0.03	14	730	-2	-2	5	77	0.2	-10	-10	55	-9	72
VR02255A	-1	0.24	-10	1.53	745	-1	0.02	16	770	2	2	4	67	0.14	-10	-10	49	-9	80
VR02256A	-1	0.32	-10	1.58	725	-1	0.02	16	740	-2	2	3	53	0.11	-10	-10	46	-9	78
VR02257A	-1	0.27	-10	1.15	550	-1	0.02	15	630	-2	2	2	52	0.04	-10	-10	30	-9	66
VR02258A	-1	0.32	-10	1.52	705	-1	0.02	18	710	-2	2	4	64	0.14	-10	-10	47	-9	76
VR02259A	-1	0.24	-10	1.3	670	-1	0.02	16	600	-2	-2	3	72	0.11	-10	-10	38	-9	64
VR02261A	-1	0.19	-10	1.58	705	-1	0.02	15	710	-2	2	7	78	-0.01	-10	-10	49	-9	72
VR09018A	-1	0.3	-10	1.4	625	-1	0.04	15	630	-2	2	10	82	-0.01	-10	-10	51	10	74
VR02262A	-1	0.15	-10	1.59	730	-1	0.02	16	750	-2	2	7	68	-0.01	-10	-10	52	-9	74
VR02263A	-1	0.21	-10	1.41	655	-1	0.02	14	670	-2	4	7	70	0.01	-10	-10	45	-9	68
VR02264A	-1	0.18	-10	1.56	780	-1	0.02	14	650	-2	2	7	100	0.01	-10	-10	54	-9	68
VR02265A	-1	0.25	-10	1.5	765	-1	0.02	16	700	-2	2	7	95	0.01	-10	-10	47	-9	70
VR02266A	-1	0.21	-10	1.45	735	-1	0.02	18	700	2	-2	7	100	-0.01	-10	-10	42	-9	70
VR02267A	-1	0.21	-10	1.66	785	-1	0.02	20	770	2	-2	9	99	-0.01	-10	-10	55	-9	76
VR09019A	-1	0.27	10	1.33	670	-1	0.03	14	640	2	-2	8	121	-0.01	-10	-10	46	-10	64
VR09020A	-1	0.29	10	1.71	795	-1	0.04	19	710	2	4	13	107	-0.01	-10	-10	62	10	76
VR09021A	-1	0.25	-10	1.99	690	-1	0.03	23	640	6	2	10	93	-0.01	-10	-10	53	10	66
VR09022A	-1	0.14	-10	5.09	920	-1	0.01	69	520	14	4	16	169	-0.01	-10	-10	96	20	76
VR09023A	-1	-0.01	-10	8.29	450	-1	-0.01	603	10	2	-2	1	264	-0.01	-10	-10	12	-10	24
VR09024A	-1	-0.01	-10	11.75	490	-1	-0.01	702	20	-2	-2	1	67	-0.01	-10	-10	12	10	16
VR09025A	-1	-0.01	-10	12.85	370	-1	-0.01	1130	-10	2	-2	2	17	-0.01	-10	-10	13	20	14
VR09026A	-1	-0.01	-10	12.35	435	-1	-0.01	859	-10	2	-2	2	10	-0.01	-10	-10	11	20	12
VR09027A	-1	-0.01	-10	4.64	170	-1	-0.01	462	-10	8	-2	1	7	-0.01	-10	-10	13	10	8

Hole No.	From (m)	To (m)	Lithology	Chemex Certificate No.	Sample Number	Au ppb (5ppb)	Ag ppm (.2ppm)	Al % (0.01%)	As ppm (2ppm)	Ba ppm (10ppm)	Be ppm (.5ppm)	Bi ppm (2ppm)	Ca % (0.01%)	Cd ppm (.5ppm)	Co ppm (1ppm)	Cr ppm (1ppm)	Cu ppm (1ppm)	Fe % (0.01%)	Ga ppm (10ppm)
9480-01	84.7	86	UMC	A9425641	VR09028A	-5	-0.2	0.04	168	-10	-0.5	-2	0.91	-0.5	60	783	32	3	-10
9480-01	86	86.8	UMC	A9425641	VR09029A	-5	-0.2	0.04	74	-10	-0.5	-2	0.65	-0.5	55	741	30	3.04	-10
9480-01	86.8	88.4	UMC	A9425641	VR09030A	-5	-0.2	0.04	64	-10	-0.5	-2	0.24	-0.5	56	751	12	2.99	-10
9480-01	88.4	89.9	UMC	A9425641	VR09031A	-5	-0.2	0.04	76	-10	-0.5	-2	0.31	-0.5	49	661	12	2.64	-10
9480-01	89.9	91.3	UMC	A9425641	VR09032A	-5	-0.2	0.03	80	-10	-0.5	-2	0.23	-0.5	55	852	16	3.06	-10
9480-01	91.3	93.2	UMC	A9425641	VR09033A	-5	-0.2	0.04	18	-10	-0.5	-2	0.09	-0.5	78	1305	15	3.67	-10
9480-01	93.2	93.4	UMC	A9425641	VR09034A	-5	-0.2	0.03	14	-10	-0.5	-2	0.13	-0.5	71	1030	11	3	-10
9480-01	93.4	94.3	UMC	A9425641	VR09035A	-5	-0.2	0.03	10	-10	-0.5	-2	0.19	-0.5	68	1080	11	3.16	-10
9480-01	94.3	95.1	UMC	A9425641	VR09036A	-5	-0.2	0.06	-2	-10	-0.5	-2	0.26	-0.5	62	1210	7	3.21	-10
9480-01	95.1	96.6	UMC	A9425641	VR09037A	-5	-0.2	0.1	4	410	-0.5	-2	1.27	-0.5	64	1250	10	2.95	-10
9480-01	96.6	97.6	UMC	A9425641	VR09038A	-5	-0.2	0.11	68	60	-0.5	-2	0.92	-0.5	52	1005	8	2.6	-10
9480-01	97.6	99.7	UMC	A9425641	VR09039A	-5	-0.2	0.04	6	-10	-0.5	-2	0.1	-0.5	63	1015	9	3.18	-10
9480-01	99.7	100.7	UMC	A9425641	VR09040A	-5	-0.2	0.08	12	-10	-0.5	-2	0.24	-0.5	74	1245	8	3.58	-10
9480-01	100.7	102.7	UMC	A9425641	VR09041A	-5	-0.2	0.09	60	-10	-0.5	-2	0.24	-0.5	72	1600	8	4.05	-10
9480-01	102.7	104.2	UMC	A9425641	VR09042A	-5	-0.2	0.1	58	10	-0.5	-2	0.3	-0.5	78	1535	6	3.79	-10
9480-01	104.2	105.8	UMC	A9425641	VR09043A	40	-0.2	0.09	68	-10	-0.5	-2	0.16	-0.5	84	1695	6	4.07	-10
9480-01	105.8	106.8	UMC	A9425641	VR09044A	20	-0.2	0.06	60	-10	-0.5	-2	1.2	-0.5	73	1605	5	3.57	-10
9480-01	106.8	108.1	UMC	A9425641	VR09045A	20	-0.2	0.04	32	-10	-0.5	-2	0.81	-0.5	74	1450	7	3.75	-10
9480-01	108.1	108.8	UMC	A9425641	VR09046A	-5	-0.2	0.03	78	-10	-0.5	-2	1.64	-0.5	42	442	4	3.01	-10
9480-01	108.8	110.5	UMC	A9425641	VR09047A	-5	-0.2	0.03	124	-10	-0.5	-2	1.65	-0.5	59	590	5	2.98	-10
9480-01	110.5	111.5	UMC	A9425641	VR09048A	-5	-0.2	0.04	134	80	-0.5	-2	12.1	-0.5	67	860	5	3.62	-10
9480-01	111.5	111.9	UMC	A9425641	VR09049A	860	0.2	0.18	372	160	-0.5	-2	12.65	-0.5	26	231	14	2.19	-10
9480-01	112.5	113.7	UMC	A9425641	VR09051A	-5	-0.2	0.12	78	70	-0.5	-2	12.65	0.5	18	483	8	1.36	-10
9480-01	113.7	114.9	UMC	A9425641	VR09052A	-5	-0.2	0.19	102	90	-0.5	-2	12.65	0.5	18	1280	7	1.95	-10
9480-01	114.9	116	UMC	A9425641	VR09053A	-5	-0.2	0.31	16	100	-0.5	-2	12.65	0.5	23	1165	2	1.98	-10
9480-01	116	116.9	UMC	A9425641	VR09054A	-5	-0.2	0.51	-2	50	-0.5	-2	12.65	-0.5	22	2160	-1	1.2	-10
9480-01	116.9	118	UMC	A9425641	VR09055A	-5	-0.2	0.46	-2	70	-0.5	-2	12.65	-0.5	19	2130	-1	0.98	-10
9480-01	118	118.8	UMC	A9425641	VR09056A	-5	-0.2	0.44	-2	50	-0.5	-2	12.65	-0.5	26	2250	8	1.72	-10
9480-01	118.8	119.9	UMC	A9425641	VR09057A	-5	-0.2	0.43	-2	110	-0.5	-2	12.65	-0.5	17	2220	6	1.63	-10
9480-01	119.5	112.5	UMC	A9425641	VR09050A	-5	-0.2	0.11	280	170	-0.5	-2	12.65	-0.5	20	446	8	2.05	-10
9480-01	119.9	120.5	UMC	A9425641	VR09058A	-5	-0.2	0.57	-2	40	-0.5	-2	12.65	-0.5	12	1590	1	1.14	-10
9480-01	120.5	122.3	UMC	A9425641	VR09059A	25	-0.2	0.55	6	40	-0.5	-2	12.65	-0.5	37	1615	3	2.45	-10
9480-01	122.3	124	UMC	A9425641	VR09060A	30	-0.2	0.53	-2	20	-0.5	-2	12.65	0.5	19	1400	2	1.5	-10
9480-01	124	124.8	UMC	A9425641	VR09061A	5	-0.2	0.36	-2	20	-0.5	-2	12.65	0.5	13	1120	2	0.7	10
9480-01	124.8	126	UMC	A9425641	VR09062A	-5	-0.2	0.27	-2	10	-0.5	-2	12.65	0.5	14	944	3	0.93	10
9480-01	126	127.4	UMC	A9425641	VR09063A	-5	-0.2	0.35	-2	20	-0.5	-2	12.65	0.5	13	1060	1	0.91	10
9480-01	127.4	129	UMC	A9425641	VR09064A	-5	-0.2	0.38	-2	20	-0.5	-2	12.65	0.5	13	1015	4	0.7	-10
9480-01	129	130	UMC	A9425641	VR09065A	-5	-0.2	0.34	-2	40	-0.5	-2	12.65	0.5	10	972	4	0.59	10
9480-01	130	131.4	UMC	A9425641	VR09066A	-5	-0.2	0.32	-2	20	-0.5	-2	12.65	0.5	11	967	-1	0.55	-10
9480-01	131.4	133.2	UMC	A9425641	VR09067A	-5	-0.2	0.41	-2	20	-0.5	-2	12.65	0.5	12	1185	3	0.63	10
9480-01	133.2	133.8	UMC	A9425641	VR09068A	-5	-0.2	0.32	-2	20	-0.5	-2	12.65	0.5	11	1120	1	0.59	10
9480-01	133.8	135.1	UMC	A9425641	VR09069A	-5	-0.2	0.71	-2	30	-0.5	-2	12.65	0.5	22	2170	3	1.29	-10
9480-01	135.1	135.9	UMC	A9425641	VR09070A	-5	-0.2	0.31	-2	30	-0.5	-2	12.65	0.5	11	963	1	0.65	10
9480-01	135.9	137.1	UMC	A9425641	VR09071A	-5	-0.2	0.26	-2	10	-0.5	-2	12.65	0.5	13	895	1	0.76	10

Sample Number	Hg ppm (1ppm)	K % (.01%)	La ppm (10ppm)	Mg % (0.01%)	Mn ppm (5ppm)	Mo ppm (1ppm)	Na % (.01%)	Ni ppm (1ppm)	P ppm (10ppm)	Pb ppm (2ppm)	Sb ppm (2ppm)	Sc ppm (1ppm)	Sr ppm (1ppm)	Ti % (.01%)	Tl ppm (10ppm)	U ppm (10ppm)	V ppm (1ppm)	W ppm (10ppm)	Zn ppm (2ppm)
VR09028A	-1	-0.01	-10	9.63	670	-1	-0.01	763	-10	2	-2	1	83	-0.01	-10	-10	9	10	8
VR09029A	-1	-0.01	-10	9.63	570	-1	-0.01	769	-10	2	-2	2	50	-0.01	-10	-10	8	10	8
VR09030A	-1	-0.01	-10	10.1	525	-1	-0.01	738	-10	2	-2	2	16	-0.01	-10	-10	9	10	8
VR09031A	-1	-0.01	-10	10.1	660	-1	-0.01	685	-10	-2	-2	2	18	-0.01	-10	-10	8	10	8
VR09032A	-1	-0.01	-10	11.2	680	-1	-0.01	811	-10	-2	-2	2	32	-0.01	-10	-10	10	20	10
VR09033A	-1	-0.01	-10	15	540	-1	-0.01	1510	-10	4	-2	2	5	-0.01	-10	-10	13	20	16
VR09034A	-1	-0.01	-10	15	475	-1	-0.01	1330	-10	2	-2	2	9	-0.01	-10	-10	10	20	16
VR09035A	-1	-0.01	-10	15	440	-1	-0.01	1400	-10	-2	-2	1	13	-0.01	-10	-10	11	20	16
VR09036A	-1	-0.01	-10	15	460	-1	-0.01	1215	-10	-2	-2	2	20	-0.01	-10	-10	11	20	14
VR09037A	-1	-0.01	-10	15	445	-1	-0.01	1240	-10	2	-2	2	107	-0.01	-10	-10	10	20	16
VR09038A	-1	-0.01	-10	11.1	400	-1	-0.01	886	-10	2	-2	2	41	-0.01	-10	-10	7	10	10
VR09039A	-1	-0.01	-10	14.6	465	-1	-0.01	1270	-10	-2	-2	2	7	-0.01	-10	-10	12	20	16
VR09040A	-1	-0.01	-10	15	435	-1	-0.01	1490	-10	-2	-2	2	17	-0.01	-10	-10	14	20	20
VR09041A	-1	-0.01	-10	15	425	-1	-0.01	1415	-10	8	-2	3	16	-0.01	-10	-10	16	20	16
VR09042A	-1	-0.01	-10	15	410	-1	-0.01	1420	-10	-2	-2	3	19	-0.01	-10	-10	15	20	16
VR09043A	-1	-0.01	-10	15	385	-1	-0.01	1420	-10	2	-2	3	10	-0.01	-10	-10	16	20	16
VR09044A	-1	-0.01	-10	15	505	-1	-0.01	1305	-10	-2	-2	2	34	-0.01	-10	-10	14	20	16
VR09045A	-1	-0.01	-10	15	455	-1	-0.01	1345	-10	2	-2	2	29	-0.01	-10	-10	14	20	16
VR09046A	-1	-0.01	-10	11.9	465	-1	-0.01	523	-10	-2	-2	2	74	-0.01	-10	-10	7	20	12
VR09047A	-1	-0.01	-10	11.4	345	-1	-0.01	904	-10	4	-2	2	49	-0.01	-10	-10	8	10	12
VR09048A	-1	-0.01	-10	10.7	370	-1	0.01	1390	-10	6	-2	3	295	-0.01	-10	-10	11	30	18
VR09049A	-1	-0.01	-10	9.44	395	-1	0.01	616	90	4	4	1	405	-0.01	-10	-10	15	20	12
VR09051A	-1	-0.01	-10	5.33	280	-1	0.01	195	510	-2	-2	2	214	-0.01	-10	-10	16	10	16
VR09052A	-1	-0.01	-10	8.23	310	-1	0.04	310	360	-2	-2	3	183	-0.01	-10	-10	20	10	36
VR09053A	-1	-0.01	-10	6.68	250	-1	0.02	449	130	2	-2	4	204	-0.01	-10	-10	15	10	40
VR09054A	-1	-0.01	-10	6.44	280	-1	0.01	431	50	-2	-2	3	192	-0.01	-10	-10	16	-10	22
VR09055A	-1	-0.01	-10	6	270	-1	0.01	380	40	-2	-2	2	207	-0.01	-10	-10	15	-10	20
VR09056A	-1	-0.01	-10	6.63	300	-1	0.01	521	40	-2	-2	3	213	-0.01	-10	-10	24	-10	16
VR09057A	-1	-0.01	-10	5.74	290	-1	0.01	342	50	-2	-2	3	198	-0.01	-10	-10	26	-10	16
VR09050A	-1	-0.01	-10	8.79	290	-1	0.02	306	230	4	2	2	222	-0.01	-10	-10	16	20	14
VR09058A	-1	-0.01	-10	4.09	250	-1	0.01	287	70	2	-2	3	274	-0.01	-10	-10	20	-10	8
VR09059A	-1	-0.01	-10	8.42	395	-1	0.01	794	60	2	-2	4	312	-0.01	-10	-10	36	10	20
VR09060A	-1	-0.01	-10	4.6	270	-1	0.01	373	110	4	-2	3	225	-0.01	-10	-10	23	-10	18
VR09061A	-1	-0.01	-10	2.55	170	-1	0.01	192	180	2	-2	2	302	-0.01	-10	-10	13	-10	22
VR09062A	-1	-0.01	-10	2.56	180	-1	0.01	202	290	2	-2	2	288	-0.01	-10	-10	14	-10	28
VR09063A	-1	-0.01	-10	2.62	155	-1	0.01	213	180	-2	-2	2	285	-0.01	-10	-10	14	-10	24
VR09064A	-1	-0.01	-10	2.61	205	-1	0.01	228	120	-2	-2	3	263	-0.01	-10	-10	14	-10	14
VR09065A	-1	-0.01	-10	2.81	185	-1	0.01	197	150	-2	-2	2	297	-0.01	-10	-10	12	-10	20
VR09066A	-1	-0.01	-10	2.94	190	-1	0.01	212	90	2	-2	2	264	-0.01	-10	-10	10	-10	24
VR09067A	-1	-0.01	-10	2.28	160	-1	0.01	193	220	-2	-2	2	276	-0.01	-10	10	13	-10	24
VR09068A	-1	-0.01	-10	2.66	175	-1	0.01	188	120	-2	-2	2	294	-0.01	-10	-10	11	-10	20
VR09069A	-1	-0.01	-10	4.93	265	-1	0.01	384	150	-2	-2	4	202	-0.01	-10	10	24	-10	20
VR09070A	-1	-0.01	-10	2.54	190	-1	0.01	200	140	-2	-2	2	291	-0.01	-10	10	13	-10	18
VR09071A	-1	-0.01	-10	2.9	195	-1	0.01	215	150	-2	-2	2	262	-0.01	-10	-10	12	-10	28

Hole No.	From (m)	To (m)	Lithology	Chemex Certificate No.	Sample Number	Au ppb (5ppb)	Ag ppm (.2ppm)	Al % (0.01%)	As ppm (2ppm)	Ba ppm (10ppm)	Be ppm (.5ppm)	Bi ppm (2ppm)	Ca % (0.01%)	Cd ppm (.5ppm)	Co ppm (1ppm)	Cr ppm (1ppm)	Cu ppm (1ppm)	Fe % (0.01%)	Ga ppm (10ppm)
9480-01	137.1	138.7	UMC	A9425641	VR09072A	-5	-0.2	0.51	-2	20	-0.5	-2	12.65	0.5	21	1065	1	1.17	-10
9480-01	138.7	140	UMC	A9425641	VR09073A	-5	-0.2	0.51	-2	20	-0.5	-2	12.65	0.5	33	1270	-1	1.31	-10
9480-01	140	140.6	UMC	A9425641	VR09074A	-5	-0.2	0.36	-2	20	-0.5	-2	12.65	0.5	15	855	24	1.07	-10
9480-01	140.6	141.5	UMC	A9425641	VR02268A	-5	-0.2	0.62	-2	40	-0.5	-2	11.25	0.5	30	1135	4	1.54	-10
9480-01	141.5	142.9	UMC	A9425641	VR09075A	-5	-0.2	0.2	2	30	-0.5	-2	12.65	0.5	31	572	1	1.86	-10
9480-01	142.9	143.6	UMC	A9425641	VR09076A	-5	-0.2	0.38	-2	40	-0.5	-2	12.65	0.5	34	985	1	1.62	-10
9480-01	143.6	144.7	UMC	A9425641	VR09077A	-5	-0.2	0.22	-2	40	-0.5	-2	12.65	-0.5	26	686	1	1.47	-10
9480-01	144.7	145	UMC	A9425641	VR09078A	-5	-0.2	0.09	-2	20	-0.5	-2	12.55	0.5	38	785	1	2.08	-10
9480-01	145	147.3	UMC	A9425641	VR09079A	-5	-0.2	0.15	-2	20	-0.5	-2	12.65	0.5	7	373	1	0.59	10
9480-01	147.3	149	UMC	A9425641	VR09080A	-5	-0.2	0.1	-2	40	-0.5	-2	12.65	0.5	9	313	1	0.83	10
9480-01	149	150.7	UMC	A9425641	VR09081A	-5	0.2	0.12	-2	20	-0.5	-2	12.7	0.5	10	352	3	0.68	10
9480-01	150.7	152.6	UMC	A9425641	VR09082A	-5	0.2	0.08	6	40	-0.5	-2	12.7	0.5	19	498	3	1.17	10
9480-01	152.6	153.8	UMC	A9425641	VR09083A	-5	-0.2	0.1	-2	20	-0.5	-2	9.48	0.5	48	1025	3	1.77	-10
9480-01	153.8	155.3	UMC	A9425641	VR09084A	-5	-0.2	0.09	-2	20	-0.5	-2	8.31	0.5	49	937	2	1.87	-10
9480-01	155.3	156.8	UMC	A9425641	VR09085A	-5	-0.2	0.05	-2	20	-0.5	-2	8.39	-0.5	42	666	2	1.61	-10
9480-01	156.8	158.5	UMC	A9425641	VR09086A	-5	-0.2	0.06	-2	50	-0.5	4	8.38	-0.5	44	620	1	1.46	-10
9480-01	158.5	160.6	UMC	A9425641	VR09087A	-5	-0.2	0.04	-2	50	-0.5	-2	10.6	-0.5	34	597	1	1.65	-10
9480-01	160.6	162.1	UMC	A9425641	VR09088A	-5	-0.2	0.04	-2	40	-0.5	-2	11.85	-0.5	27	633	2	2.56	-10
9480-01	162.1	163.9	UMC	A9425641	VR09089A	-5	-0.2	0.17	-2	30	-0.5	-2	12.7	0.5	27	597	4	1.55	10
9480-01	163.9	164.6	UMC	A9425641	VR09090A	-5	-0.2	0.04	-2	60	-0.5	-2	11.8	-0.5	37	688	2	2.35	-10
9480-01	164.6	166.7	UMC	A9425641	VR09091A	-5	-0.2	0.37	-2	40	-0.5	-2	12.7	-0.5	30	1225	2	2.24	-10
9480-01	166.7	168.3	UMC	A9425641	VR09092A	-5	-0.2	0.45	-2	80	-0.5	-2	12.7	-0.5	40	1925	4	2.54	-10
9480-01	168.3	169.8	UMC	A9425641	VR09093A	-5	-0.2	0.31	-2	120	-0.5	4	12.7	0.5	21	900	15	1.79	10
9480-01	169.8	170.8	UMC	A9425641	VR09094A	-5	-0.2	0.31	-2	50	-0.5	2	12.7	0.5	12	766	26	1.21	10
9480-01	170.8	171.9	UMC	A9425641	VR09095A	-5	-0.2	0.11	-2	50	-0.5	-2	12.7	0.5	34	507	17	2.17	-10
9480-01	171.9	173.1	UMC	A9425641	VR09096A	-5	-0.2	0.78	2	110	-0.5	-2	12.7	-0.5	37	569	7	3.21	-10
9480-01	173.1	174.4	UMC	A9425641	VR09097A	-5	-0.2	0.04	-2	30	-0.5	-2	12.7	-0.5	23	577	2	2.22	-10
9480-01	174.4	175.9	UMC	A9425641	VR09098A	-5	-0.2	0.05	-2	10	-0.5	-2	10.25	-0.5	41	1020	2	2.83	-10
9480-01	175.9	177.5	UMC	A9425641	VR09099A	65	-0.2	0.05	-2	10	-0.5	-2	9.54	-0.5	47	1100	2	3.11	-10
9480-01	177.5	178.9	UMC	A9425641	VR09100A	20	-0.2	0.04	-2	30	-0.5	-2	12.7	-0.5	18	401	4	1.17	-10
9480-01	178.9	180.1	UMC	A9425641	VR09101A	-5	-0.2	0.02	-2	30	-0.5	-2	12.7	0.5	15	265	3	0.92	-10
9480-01	180.1	181	UMC	A9425641	VR09102A	-5	-0.2	0.02	2	20	-0.5	-2	12.7	0.5	15	241	6	1.12	10
9480-01	181	182	UMC	A9425641	VR09103A	-5	0.2	0.04	-2	20	-0.5	2	12.7	0.5	9	230	18	0.76	10
9480-01	182	183.2	UMC	A9425641	VR09104A	-5	0.2	0.04	2	20	-0.5	2	12.7	0.5	7	243	4	0.76	10
9480-01	183.2	185	UMC	A9425641	VR09105A	-5	0.2	0.07	-2	30	-0.5	-2	12.7	0.5	8	312	6	0.66	20
9480-01	185	186.1	UMC	A9425641	VR09106A	-5	0.2	0.24	-2	20	-0.5	-2	12.7	0.5	9	583	3	0.72	20
9480-01	186.1	188.1	UMC	A9425641	VR09107A	-5	0.2	0.12	4	30	-0.5	-2	12.7	0.5	10	328	7	0.85	20
9480-01	188.1	189.8	UMC	A9425641	VR09108A	-5	0.2	0.24	36	20	-0.5	-2	12.7	-0.5	18	587	7	1.2	20
9480-01	189.8	191.1	UMC	A9425641	VR09109A	-5	-0.2	0.45	-2	70	-0.5	-2	12.7	0.5	21	1080	9	1.46	10
9480-01	191.1	192.3	UMC	A9425641	VR09110A	-5	-0.2	0.6	-2	60	-0.5	-2	12.7	0.5	27	1555	5	1.44	-10
9480-01	192.3	193.9	UMC	A9425641	VR09111A	-5	-0.2	0.75	-2	50	-0.5	-2	12.7	0.5	28	1535	2	1.54	-10
9480-01	193.9	195.2	UMC	A9425641	VR09112A	-5	-0.2	0.34	-2	60	-0.5	-2	12.7	0.5	21	1005	7	1.2	10
9480-01	195.2	196.7	UMC	A9425641	VR09113A	20	32.4	0.26	34	80	-0.5	2	12.7	1	28	796	43	1.8	-10
9480-01	196.7	197.6	UMC	A9425641	VR09114A	-5	3	0.18	58	70	-0.5	2	12.7	1.5	36	576	26	2.31	-10

Sample Number	Hg ppm (1ppm)	K % (.01%)	La ppm (10ppm)	Mg % (0.01%)	Mn ppm (5ppm)	Mo ppm (1ppm)	Na % (.01%)	Ni ppm (1ppm)	P ppm (10ppm)	Pb ppm (2ppm)	Sb ppm (2ppm)	Sc ppm (1ppm)	Sr ppm (1ppm)	Ti % (.01%)	Tl ppm (10ppm)	U ppm (10ppm)	V ppm (1ppm)	W ppm (10ppm)	Zn ppm (2ppm)
VR09072A	-1	-0.01	-10	3.78	250	-1	0.01	350	180	2	-2	3	227	-0.01	-10	-10	22	-10	22
VR09073A	-1	-0.01	-10	6.36	380	-1	0.01	576	150	-2	-2	4	166	-0.01	-10	-10	20	-10	22
VR09074A	-1	-0.01	-10	4.25	215	-1	0.01	282	170	-2	-2	2	215	-0.01	-10	-10	17	10	18
VR02268A	-1	-0.01	-10	5.43	255	-1	0.01	480	210	-2	-2	3	226	-0.01	-10	-10	26	-9	30
VR09075A	-1	-0.01	-10	7.09	270	-1	0.02	501	150	4	-2	4	185	-0.01	-10	-10	18	20	26
VR09076A	-1	-0.01	-10	7.32	335	-1	0.01	554	160	2	-2	3	182	-0.01	-10	-10	20	10	24
VR09077A	-1	-0.01	-10	6.18	230	-1	0.02	406	180	-2	-2	2	209	-0.01	-10	-10	17	10	22
VR09078A	-1	-0.01	-10	7.85	420	-1	0.01	807	-10	2	-2	2	197	-0.01	-10	-10	14	10	8
VR09079A	-1	-0.01	-10	2.4	120	-1	0.01	128	90	-2	-2	1	302	-0.01	-10	-10	11	10	6
VR09080A	-1	-0.01	-10	3.35	125	-1	0.01	175	140	-2	-2	2	264	-0.01	-10	-10	11	10	14
VR09081A	-1	-0.01	-10	3.34	160	-1	0.01	147	120	-2	-2	1	289	-0.01	-10	-10	11	10	6
VR09082A	-1	-0.01	-10	4.97	275	-1	0.01	353	140	2	-2	2	318	-0.01	-10	-10	15	10	6
VR09083A	-1	-0.01	-10	13.65	510	-1	0.02	1070	40	2	-2	3	174	-0.01	-10	-10	12	10	14
VR09084A	-1	-0.01	-10	14.3	490	-1	0.01	1040	-10	-2	-2	3	173	-0.01	-10	-10	13	10	10
VR09085A	-1	-0.01	-10	11.6	435	-1	0.01	870	10	-2	-2	2	195	-0.01	-10	-10	10	10	8
VR09086A	-1	-0.01	-10	12.65	445	-1	0.01	928	10	-2	-2	2	180	-0.01	-10	-10	9	10	8
VR09087A	-1	-0.01	-10	11.3	580	-1	0.01	803	30	-2	-2	2	174	-0.01	-10	-10	10	10	8
VR09088A	-1	-0.01	-10	8.55	605	-1	0.01	491	70	-2	-2	2	184	-0.01	-10	-10	15	10	6
VR09089A	-1	-0.01	-10	4.79	415	-1	0.01	352	980	4	-2	2	325	-0.01	-10	-10	18	10	8
VR09090A	-1	-0.01	-10	11.25	550	-1	0.01	733	50	-2	-2	2	176	-0.01	-10	-10	12	10	6
VR09091A	-1	-0.01	-10	6.04	370	-1	0.01	470	560	-2	-2	4	286	-0.01	-10	-10	27	-10	20
VR09092A	-1	-0.01	-10	9.59	290	-1	0.02	584	310	-2	-2	5	292	-0.01	-10	-10	25	-10	30
VR09093A	-1	-0.01	-10	4.15	370	-1	0.01	286	400	-2	-2	3	346	-0.01	-10	-10	26	10	34
VR09094A	-1	-0.01	-10	2.32	275	-1	0.01	206	180	-2	-2	2	351	-0.01	-10	-10	12	10	30
VR09095A	-1	-0.01	-10	6.1	370	-1	0.01	559	230	-2	-2	3	289	-0.01	-10	-10	23	10	36
VR09096A	-1	0.03	-10	8.71	680	-1	0.01	502	360	2	-2	6	264	-0.01	-10	-10	44	10	18
VR09097A	-1	-0.01	-10	3.77	490	-1	0.01	252	390	-2	-2	1	275	-0.01	-10	-10	31	-10	6
VR09098A	-1	-0.01	-10	12.1	455	-1	0.01	789	20	-2	-2	2	179	-0.01	-10	-10	14	10	8
VR09099A	-1	-0.01	-10	13.6	465	-1	0.01	974	10	-2	-2	2	181	-0.01	-10	-10	15	10	12
VR09100A	-1	-0.01	-10	7.12	280	-1	0.01	405	100	4	-2	2	249	-0.01	-10	-10	12	10	6
VR09101A	-1	-0.01	-10	5.83	200	-1	0.01	321	140	2	-2	1	251	-0.01	-10	-10	12	10	6
VR09102A	-1	-0.01	-10	6.21	185	-1	0.01	274	480	-2	-2	1	259	-0.01	-10	-10	17	10	8
VR09103A	-1	-0.01	-10	4.9	175	-1	0.01	178	180	-2	-2	1	309	-0.01	-10	-10	13	10	4
VR09104A	-1	-0.01	-10	3.4	120	-1	0.01	140	420	2	-2	1	252	-0.01	-10	-10	12	10	2
VR09105A	-1	-0.01	-10	2.43	150	-1	0.01	100	950	-2	-2	1	265	-0.01	-10	10	12	10	2
VR09106A	-1	-0.01	-10	1.62	145	-1	0.01	100	860	-2	-2	2	332	-0.01	-10	10	14	10	12
VR09107A	-1	-0.01	-10	2.64	190	-1	0.01	126	640	2	-2	2	280	-0.01	-10	-10	13	10	12
VR09108A	-1	-0.01	-10	2.72	210	-1	0.01	209	540	-2	-2	2	311	-0.01	-10	-10	17	10	18
VR09109A	-1	-0.01	-10	4.08	250	-1	0.01	353	190	-2	-2	3	283	-0.01	-10	10	26	10	26
VR09110A	-1	-0.01	-10	6.63	405	-1	0.01	580	140	-2	-2	4	180	-0.01	-10	-10	21	-10	22
VR09111A	-1	-0.01	-10	5.48	340	-1	0.01	538	210	-2	-2	4	204	-0.01	-10	-10	24	-10	30
VR09112A	-1	-0.01	-10	4.93	250	-1	0.01	395	220	-2	-2	3	265	-0.01	-10	-10	19	10	34
VR09113A	-1	-0.01	-10	5.54	355	-1	0.01	471	220	108	-2	3	237	-0.01	-10	-10	21	10	42
VR09114A	-1	-0.01	-10	6.12	320	-1	0.01	488	480	526	2	2	211	-0.01	-10	10	28	10	88

Hole No.	From (m)	To (m)	Lithology	Chemex Certificate No.	Sample Number	Au ppb (5ppb)	Ag ppm (.2ppm)	Al % (0.01%)	As ppm (2ppm)	Ba ppm (10ppm)	Be ppm (.5ppm)	Bi ppm (2ppm)	Ca % (0.01%)	Cd ppm (.5ppm)	Co ppm (1ppm)	Cr ppm (1ppm)	Cu ppm (1ppm)	Fe % (0.01%)	Ga ppm (10ppm)
9480-01	197.6	198.5	UMC	A9425641	VR09115A	-5	1.4	0.09	76	70	-0.5	2	12.7	1	25	223	23	1.11	20
9480-01	198.5	199.2	UMC	A9425641	VR09116A	-5	0.4	0.04	-2	40	-0.5	-2	12.7	1	25	426	5	1.69	10
9480-01	199.2	200.3	UMC	A9425641	VR09117A	45	-0.2	0.05	4	50	-0.5	-2	12.7	1	49	555	10	2.48	10
9480-01	200.3	202	UMC	A9425641	VR09118A	-5	-0.2	0.02	6	30	-0.5	-2	12.7	0.5	28	386	4	1.65	10
9480-01	202	203.3	UMC	A9425641	VR09119A	-5	-0.2	0.01	-2	30	-0.5	-2	12.7	0.5	11	213	4	0.99	10
9480-01	203.3	204.9	UMC	A9425641	VR09120A	-5	-0.2	0.03	2	40	-0.5	-2	12.7	-0.5	46	304	5	1.9	10
9480-01	204.9	205.9	UMC	A9425641	VR09121A	-5	-0.2	0.04	18	40	-0.5	-2	11.25	1	38	437	4	2.08	-10
9480-01	205.9	206.6	UMC	A9425641	VR09122A	-5	-0.2	0.11	12	60	-0.5	-2	11.25	0.5	12	623	3	1.62	-10
9480-01	206.6	208.4	UMC	A9428832	VR09123A	-5	-0.2	0.22	-2	40	-0.5	-2	14.65	1	13	554	13	0.96	-10
9480-01	208.4	208.9	UMC	A9428832	VR09124A	-5	-0.2	0.16	-2	60	-0.5	-2	14.65	1	22	742	6	1.6	-10
9480-01	208.9	209.2	UMC	A9428832	VR09125A	-5	-0.2	0.13	-2	60	-0.5	4	14.65	0.5	12	398	3	0.78	-10
9480-01	209.2	209.7	UMC	A9428832	VR09126A	-5	0.8	0.1	22	60	-0.5	4	14.65	0.5	13	594	4	1.45	-10
9480-01	209.7	211.4	UMC	A9428832	VR09127A	-5	-0.2	0.09	-2	40	-0.5	-2	14.65	0.5	8	315	5	1.06	-10
9480-01	211.4	212.8	UMC	A9428832	VR09128A	-5	0.2	0.09	12	60	-0.5	-2	14.65	1	13	289	4	1.01	-10
9480-01	212.8	214.6	UMC	A9428832	VR09129A	35	-0.2	0.06	-2	20	-0.5	2	2.96	0.5	38	1110	4	3.06	-10
9480-01	214.6	215.7	UMC	A9428832	VR09130A	15	-0.2	0.1	-2	-10	-0.5	4	2.96	0.5	49	1465	3	3.25	-10
9480-01	215.7	217.5	UMC	A9428832	VR09131A	-5	-0.2	0.08	-2	10	-0.5	-2	13.8	0.5	22	614	3	1.5	-10
9480-01	217.4	218.5	UMC	A9428832	VR09132A	25	-0.2	0.05	-2	10	-0.5	-2	3.96	1	48	1310	5	2.89	-10
9480-01	218.5	220	UMC	A9428832	VR09133A	-5	-0.2	0.06	-2	-10	-0.5	2	1.33	0.5	59	1945	3	3.62	-10
9480-01	220	221	UMC	A9428832	VR09134A	15	-0.2	0.04	-2	10	-0.5	4	1.81	0.5	58	1720	3	3.6	-10
9480-01	221	221.2	UMC	A9428832	VR09135A	-5	-0.2	0.04	-2	20	-0.5	4	2.63	0.5	64	1445	7	3.72	-10
9480-01	221.2	222.4	UMC	A9428832	VR09136A	40	-0.2	0.04	-2	20	-0.5	-2	2.77	0.5	54	1645	8	3.87	-10
9480-01	222.4	224.2	UMC	A9428832	VR09137A	-5	-0.2	0.02	-2	30	-0.5	-2	4.39	0.5	58	1205	5	3.35	-10
9480-01	224.2	225.2	UMC	A9428832	VR09138A	5	-0.2	0.03	-2	40	-0.5	-2	5.3	0.5	39	1310	7	2.89	-10
9480-01	225.2	227.6	UMC	A9428832	VR09139A	5	-0.2	0.04	-2	10	-0.5	-2	5.24	0.5	38	1315	4	2.92	-10
9480-01	227.6	228.3	UMC	A9428974	VR09140A	-5	-0.2	0.08	-2	120	-0.5	-2	10.1	0.5	35	659	3	2.81	-10
9480-01	228.3	229.6	UMC	A9428974	VR09141A	25	-0.2	0.04	2	30	-0.5	-2	8.53	-0.5	32	936	3	3.05	-10
9480-01	229.6	230.7	UMC	A9428832	VR09142A	10	-0.2	0.05	-2	20	-0.5	-2	8.34	0.5	28	897	1	2.23	-10
9480-01	230.7	232.1	UMC	A9428832	VR09143A	-5	-0.2	0.07	-2	80	-0.5	2	11.25	0.5	25	982	2	2.29	-10
9480-01	232.1	233.4	UMC	A9428832	VR09144A	-5	-0.2	0.07	-2	50	-0.5	-2	14.35	1	27	906	6	2.24	-10
9480-01	233.4	234.9	UMC	A9428832	VR09145A	-5	-0.2	0.08	-2	40	-0.5	2	4.74	0.5	13	707	9	2.9	-10
9480-01	234.9	236.3	UMC	A9428832	VR09146A	-5	-0.2	0.08	-2	40	-0.5	-2	14.65	-0.5	19	886	12	2.71	-10
9480-01	236.3	236.9	UMC	A9428832	VR09147A	-5	-0.2	0.06	-2	30	-0.5	4	14.65	0.5	40	636	19	2.6	-10
9480-01	236.9	237.6	UMC	A9428832	VR09148A	-5	-0.2	0.09	-2	60	-0.5	4	8.02	1	51	1540	9	3.67	-10
9480-01	237.6	238.9	UMC	A9428832	VR09149A	-5	-0.2	0.09	-2	10	-0.5	-2	6.06	0.5	35	942	2	2.5	-10
9480-01	238.9	240.4	UMC	A9428832	VR09150A	5	-0.2	0.04	-2	-10	-0.5	4	3.08	0.5	50	1195	8	3.31	-10
9480-01	240.4	242.4	UMC	A9428832	VR09151A	10	-0.2	0.04	-2	-10	-0.5	4	2.43	0.5	54	1720	4	3.82	-10
9480-01	242.4	244.4	UMC	A9428832	VR09152A	-5	-0.2	0.03	-2	-10	-0.5	2	2.22	0.5	54	1420	6	3.76	-10
9480-01	244.4	245.7	UMC	A9428832	VR09153A	-5	-0.2	0.05	-2	-10	-0.5	4	1.32	0.5	60	1525	8	3.95	-10
9480-01	245.7	247.6	UMC	A9428832	VR09154A	-5	-0.2	0.05	-2	-10	-0.5	-2	1.64	0.5	57	1525	9	3.74	-10
9480-01	247.6	249	UMC	A9428832	VR09155A	25	-0.2	0.07	-2	-10	-0.5	4	2.11	0.5	55	1240	9	3.51	-10
9480-01	249	250	UMC	A9428832	VR09156A	-5	-0.2	0.17	-2	-10	-0.5	-2	3.21	1	54	1200	3	3.33	-10
9480-01	250	250.5	UMC	A9428832	VR09157A	-5	-0.2	0.36	-2	30	-0.5	2	6.66	-0.5	19	981	9	2.31	-10
9480-01	250.5	252.3	UMC	A9428832	VR09158A	-5	-0.2	0.04	-2	70	-0.5	-2	12.55	0.5	32	408	5	2.04	-10

Sample Number	Hg ppm (1ppm)	K % (.01%)	La ppm (10ppm)	Mg % (0.01%)	Mn ppm (5ppm)	Mo ppm (1ppm)	Na % (.01%)	Ni ppm (1ppm)	P ppm (10ppm)	Pb ppm (2ppm)	Sb ppm (2ppm)	Sc ppm (1ppm)	Sr ppm (1ppm)	Ti % (.01%)	Tl ppm (10ppm)	U ppm (10ppm)	V ppm (1ppm)	W ppm (10ppm)	Zn ppm (2ppm)
VR09115A	-1	0.01	-10	2.59	315	-1	0.01	164	510	56	4	2	260	-0.01	-10	10	14	10	32
VR09116A	-1	-0.01	-10	1.21	465	-1	0.01	236	190	18	-2	1	248	-0.01	-10	-10	31	10	14
VR09117A	-1	-0.01	-10	3.79	480	-1	0.01	558	310	2	-2	3	272	-0.01	-10	-10	46	10	14
VR09118A	-1	-0.01	-10	1.7	445	-1	0.01	315	200	4	-2	1	246	-0.01	-10	-10	26	10	6
VR09119A	-1	-0.01	-10	1.33	385	-1	0.01	115	120	-2	-2	-1	218	-0.01	-10	-10	11	10	4
VR09120A	-1	-0.01	-10	4.66	355	-1	0.01	847	140	-2	-2	2	178	-0.01	-10	-10	25	10	14
VR09121A	-1	-0.01	-10	7.67	300	-1	0.01	650	150	4	-2	1	164	-0.01	-10	-10	29	-9	24
VR09122A	1	-0.01	-10	8.16	295	-1	0.02	187	560	6	-2	2	192	-0.01	-10	-10	22	-9	18
VR09123A	-1	0.02	-10	3.45	300	-1	0.01	166	620	4	-2	2	238	-0.01	-10	-10	16	-10	18
VR09124A	-1	0.03	-10	8.47	475	-1	0.02	342	220	4	-2	3	155	-0.01	-10	-10	18	-10	42
VR09125A	-1	0.04	-10	4.14	140	-1	0.01	173	870	2	-2	2	171	-0.01	-10	-10	12	-10	14
VR09126A	-1	0.03	-10	7.64	275	-1	0.01	224	250	6	-2	2	198	-0.01	-10	-10	13	-10	24
VR09127A	-1	0.02	-10	7.13	180	-1	0.01	131	210	6	-2	1	197	-0.01	-10	-10	12	-10	14
VR09128A	-1	0.03	-10	6.04	550	-1	0.01	159	320	2	-2	2	232	-0.01	-10	10	12	-10	16
VR09129A	-1	-0.01	-10	11.7	375	-1	0.01	741	10	4	-2	2	64	-0.01	-10	-10	12	-10	8
VR09130A	-1	-0.01	-10	14.7	400	-1	0.01	1060	10	-2	-2	2	85	-0.01	-10	-10	16	-10	12
VR09131A	-1	0.01	-10	11.3	870	-1	0.01	352	340	6	-2	1	185	-0.01	-10	-10	11	-10	8
VR09132A	-1	-0.01	-10	14.95	435	-1	0.01	1065	50	2	-2	2	67	-0.01	-10	-10	15	-10	12
VR09133A	-1	-0.01	-10	15	380	-1	-0.01	1255	10	-2	-2	2	33	-0.01	-10	-10	15	-10	12
VR09134A	-1	-0.01	-10	14.65	295	-1	0.01	1190	10	-2	-2	2	42	-0.01	-10	-10	16	-10	12
VR09135A	-1	-0.01	-10	15	265	-1	0.01	1295	20	2	-2	3	147	-0.01	-10	-10	15	-10	14
VR09136A	-1	-0.01	-10	14.75	445	-1	0.01	1060	20	-2	-2	2	79	-0.01	-10	-10	16	-10	10
VR09137A	-1	-0.01	-10	14.5	385	-1	0.01	1105	-10	-2	-2	2	147	-0.01	-10	-10	14	-10	10
VR09138A	-1	-0.01	-10	10	415	-1	0.01	742	-10	-2	-2	2	173	-0.01	-10	-10	12	-10	8
VR09139A	-1	-0.01	-10	12.2	425	-1	-0.01	794	40	-2	-2	1	71	-0.01	-10	-10	12	-10	6
VR09140A	-1	-0.01	-10	9.88	385	-1	0.01	657	180	2	-2	1	160	-0.01	-10	-10	15	20	12
VR09141A	-1	-0.01	-10	10.75	425	-1	-0.01	547	40	-2	-2	1	154	-0.01	-10	-10	13	20	6
VR09142A	-1	-0.01	-10	9.35	405	-1	-0.01	485	140	-2	-2	1	142	-0.01	-10	-10	10	-10	2
VR09143A	-1	-0.01	-10	6.66	310	-1	0.01	438	110	-2	-2	1	210	-0.01	-10	-10	16	-10	8
VR09144A	-1	0.01	-10	2.68	695	-1	0.02	192	770	2	-2	1	286	-0.01	-10	10	29	-10	12
VR09145A	-1	-0.01	-10	2.98	295	-1	0.01	145	60	-2	-2	1	87	-0.01	-10	-10	15	-10	2
VR09146A	-1	-0.01	-10	2.3	310	-1	0.01	170	510	6	-2	1	252	-0.01	-10	-10	27	-10	6
VR09147A	-1	0.01	-10	2.23	320	-1	0.01	224	1320	4	-2	2	214	-0.01	-10	-10	51	-10	14
VR09148A	-1	0.03	-10	3.71	600	-1	0.02	269	1000	2	-2	2	161	-0.01	-10	-10	78	-10	26
VR09149A	-1	-0.01	-10	12	665	-1	0.01	577	30	-2	-2	1	99	-0.01	-10	-10	16	-10	10
VR09150A	-1	-0.01	-10	13.9	365	-1	-0.01	995	10	-2	-2	2	57	-0.01	-10	-10	16	-10	10
VR09151A	-1	-0.01	-10	15	385	-1	-0.01	1130	-10	-2	-2	2	45	-0.01	-10	-10	17	-10	12
VR09152A	-1	-0.01	-10	15	390	-1	-0.01	1110	-10	-2	-2	2	45	-0.01	-10	-10	16	-10	12
VR09153A	-1	-0.01	-10	15	355	-1	-0.01	1245	-10	-2	-2	2	29	-0.01	-10	-10	16	-10	12
VR09154A	-1	-0.01	-10	15	360	-1	-0.01	1115	10	-2	-2	2	37	-0.01	-10	-10	15	-10	12
VR09155A	-1	-0.01	-10	15	400	-1	-0.01	1065	10	-2	-2	2	49	-0.01	-10	-10	14	-10	12
VR09156A	-1	-0.01	-10	15	480	-1	0.01	1050	-10	-2	-2	2	64	-0.01	-10	-10	14	-10	14
VR09157A	-1	-0.01	-10	5.48	465	-1	0.01	284	510	6	-2	2	88	-0.01	-10	-10	15	-10	6
VR09158A	-1	-0.01	-10	4.63	240	-1	0.01	385	110	2	-2	-1	163	-0.01	-10	-10	15	-10	4

Hole No.	From (m)	To (m)	Lithology	Chemex Certificate No.	Sample Number	Au ppb (5ppb)	Ag ppm (.2ppm)	Al % (0.01%)	As ppm (2ppm)	Ba ppm (10ppm)	Be ppm (.5ppm)	Bi ppm (2ppm)	Ca % (0.01%)	Cd ppm (.5ppm)	Co ppm (1ppm)	Cr ppm (1ppm)	Cu ppm (1ppm)	Fe % (0.01%)	Ga ppm (10ppm)
9480-01	252.3	254.2	UMC	A9428832	VR09159A	-5	-0.2	0.03	-2	60	-0.5	-2	11.25	0.5	34	368	12	2.3	-10
9480-01	254.2	255.4	UMC	A9428832	VR09160A	-5	-0.2	0.03	-2	70	-0.5	-2	10.9	0.5	37	517	11	2.4	-10
9480-01	255.4	257.4	UMC	A9428832	VR09161A	-5	-0.2	0.12	-2	20	-0.5	2	3.85	0.5	53	1150	5	3.36	-10
9480-01	257.4	259.3	UMC	A9428832	VR09162A	-5	-0.2	0.06	-2	-10	-0.5	2	1.18	0.5	55	1615	11	3.84	-10
9480-01	259.3	260.8	UMC	A9428832	VR09163A	-5	-0.2	0.02	-2	10	0.5	4	4.52	0.5	41	1555	6	3.03	-10
9480-01	260.8	261.9	UMC	A9428832	VR09164A	-5	-0.2	0.02	-2	-10	-0.5	-2	5.98	0.5	29	1380	2	2.32	-10
9480-01	261.9	263.9	UMC	A9428832	VR09165A	-5	-0.2	0.02	6	-10	-0.5	-2	2.15	0.5	51	1855	4	3.38	-10
9480-01	263.9	265.1	UMC	A9428832	VR09166A	-5	-0.2	0.03	30	-10	-0.5	-2	0.72	1	69	2150	4	3.83	-10
9480-01	265.1	267	UMC	A9428832	VR09167A	-5	-0.2	0.03	38	10	-0.5	2	0.86	1	69	2160	6	3.84	-10
9480-01	267	268.6	UMC	A9428832	VR09168A	-5	-0.2	0.02	30	10	-0.5	-2	0.25	0.5	60	1830	5	3.91	-10
9480-01	268.6	270.6	UMC	A9428832	VR09169A	-5	-0.2	0.01	16	10	-0.5	4	0.2	0.5	60	1620	5	3.52	-10
9480-01	270.6	272.6	UMC	A9428832	VR09170A	-5	-0.2	0.02	18	10	-0.5	-2	0.48	0.5	56	1295	4	3.25	-10
9480-01	272.6	274.6	UMC	A9428832	VR09171A	-5	-0.2	0.01	-2	10	-0.5	-2	0.32	0.5	56	1085	8	3.06	-10
9480-01	274.6	276.5	UMC	A9428832	VR09172A	-5	-0.2	0.02	6	-10	-0.5	4	0.54	0.5	60	1330	6	3.19	-10
9480-01	276.5	278.5	UMC	A9428832	VR09173A	-5	-0.2	0.02	-2	-10	-0.5	4	1.7	1	56	1260	6	3.26	-10
9480-01	278.5	280.5	UMC	A9428832	VR09174A	-5	-0.2	0.02	-2	-10	-0.5	2	3.8	0.5	46	885	4	2.84	-10
9480-01	280.5	281.2	UMC	A9428832	VR09175A	-5	-0.2	0.01	20	20	0.5	2	6.01	0.5	52	571	7	2.62	-10
9480-01	281.2	282.3	UMC	A9428832	VR09176A	-5	-0.2	0.01	6	70	0.5	-2	13.35	1	36	535	7	2.14	-10
9480-01	282.3	284.2	UMC	A9428832	VR09177A	-5	-0.2	0.04	6	40	0.5	-2	7.56	0.5	50	787	6	2.73	-10
9480-01	284.2	285.6	UMC	A9428832	VR09178A	-5	-0.2	0.04	-2	10	-0.5	-2	5.34	0.5	46	922	3	2.52	-10
9480-01	285.6	285.8	UMC	A9428832	VR09179A	-5	-0.2	0.01	-2	30	0.5	-2	13.45	0.5	41	440	4	2	-10
9480-01	285.8	287.5	UMC	A9428832	VR09180A	-5	-0.2	0.07	-2	20	-0.5	-2	12.3	1	35	668	25	2	-10
9480-01	287.5	289.5	UMC	A9428832	VR09181A	-5	-0.2	0.17	-2	40	-0.5	2	14.75	0.5	17	824	1	1.09	-10
9480-01	289.5	290.7	UMC	A9428832	VR09182A	-5	-0.2	0.34	-2	60	-0.5	-2	14.45	0.5	21	1085	1	0.93	-10
9480-01	290.7	292	UMC	A9428832	VR09183A	-5	-0.2	0.26	-2	40	-0.5	-2	14.75	1	17	1245	1	1.26	-10
9480-01	292	294.1	UMC	A9428832	VR09184A	-5	-0.2	0.14	-2	20	-0.5	-2	14.75	1	23	1025	2	1.78	-10
9480-01	294.1	294.6	UMC	A9428832	VR09185A	-5	-0.2	0.09	-2	-10	-0.5	-2	6.72	0.5	26	776	2	2.36	-10
9480-01	294.6	295.6	UMC	A9428832	VR09186A	-5	-0.2	0.08	-2	10	-0.5	-2	9.78	1	34	868	5	2.15	-10
9480-01	295.6	296.6	UMC	A9428832	VR09187A	-5	-0.2	0.57	-2	70	-0.5	2	10.05	0.5	29	1745	4	1.97	-10
9480-01	296.6	298.6	UMC	A9428832	VR09188A	-5	-0.2	0.18	4	160	-0.5	-2	14.75	0.5	30	921	2	2.2	-10
9480-01	298.6	300.6	UMC	A9428832	VR09189A	10	-0.2	0.1	104	60	-0.5	-2	14.75	0.5	26	694	2	1.78	-10
9480-01	300.6	301	UMC	A9428832	VR09190A	-5	-0.2	0.09	188	100	-0.5	2	14.75	0.5	14	324	3	1.74	-10
9480-01	301	302.5	UMC	A9428832	VR09191A	-5	0.2	0.11	72	40	-0.5	-2	14.75	0.5	6	158	3	0.9	-10
9480-01	302.5	303.7	UMC	A9428832	VR09192A	-5	0.2	0.07	32	10	-0.5	-2	14.75	0.5	2	89	4	0.4	-10
9480-01	303.7	305.7	CS	A9428832	VR09193A	-5	0.4	1.82	4	110	-0.5	-2	4.85	0.5	12	74	86	3.5	-10
9480-01	305.7	307.7	CS	A9428832	VR09194A	-5	0.2	1.48	-2	520	-0.5	-2	5.63	0.5	12	58	109	3.41	-10
9480-01	307.7	307.7	CS	A9428832	VR09195A	-5	-0.2	2.42	-2	380	-0.5	-2	2.61	0.5	14	69	112	4.12	-10
9480-01	307.7	311.7	CS	A9428832	VR09196A	-5	0.2	2.3	-2	310	-0.5	-2	3.76	-0.5	13	99	79	3.67	-10
9480-01	311.7	313.7	CS	A9428832	VR09197A	-5	-0.2	2.43	-2	240	-0.5	-2	3.05	0.5	13	100	79	3.86	-10
9480-01	313.7	315.7	CS	A9428832	VR09198A	-5	-0.2	2.48	-2	260	-0.5	2	4.34	0.5	13	103	78	3.72	-10
9480-01	315.7	317.7	CS	A9428832	VR09199A	-5	-0.2	2.1	-2	240	-0.5	-2	4.25	-0.5	15	85	82	3.99	-10
9480-01	317.7	319.7	CS	A9428832	VR09200A	-5	-0.2	1.7	4	230	-0.5	-2	4.63	-0.5	11	84	69	3.3	-10
9480-01	319.7	321.7	CS	A9428832	VR09201A	-5	-0.2	2.35	-2	320	-0.5	-2	2.21	0.5	14	113	77	3.77	-10
9480-01	321.7	322.8	CS	A9428832	VR09202A	-5	-0.2	2.39	-2	280	-0.5	-2	2.28	-0.5	14	101	69	3.75	-10

Sample Number	Hg ppm (1ppm)	K % (.01%)	La ppm (10ppm)	Mg % (0.01%)	Mn ppm (5ppm)	Mo ppm (1ppm)	Na % (.01%)	Ni ppm (1ppm)	P ppm (10ppm)	Pb ppm (2ppm)	Sb ppm (2ppm)	Sc ppm (1ppm)	Sr ppm (1ppm)	Ti % (.01%)	Tl ppm (10ppm)	U ppm (10ppm)	V ppm (1ppm)	W ppm (10ppm)	Zn ppm (2ppm)
VR09159A	-1	-0.01	-10	4.89	330	-1	0.01	451	180	2	-2	-1	164	-0.01	-10	-10	17	-10	6
VR09160A	-1	-0.01	-10	6.98	325	-1	0.01	525	150	2	-2	-1	188	-0.01	-10	-10	13	-10	4
VR09161A	-1	-0.01	-10	14.6	410	-1	0.01	955	20	2	-2	2	76	-0.01	-10	-10	15	-10	10
VR09162A	-1	-0.01	-10	14.45	315	-1	-0.01	1130	10	-2	-2	2	26	-0.01	-10	-10	15	-10	8
VR09163A	-1	-0.01	-10	13.6	420	-1	-0.01	731	-10	-2	-2	1	72	-0.01	-10	-10	11	-10	6
VR09164A	-1	-0.01	-10	12.45	430	-1	-0.01	520	-10	-2	-2	1	104	-0.01	-10	-10	9	-10	4
VR09165A	-1	-0.01	-10	15	460	-1	-0.01	817	-10	-2	-2	1	40	-0.01	-10	-10	12	-10	8
VR09166A	-1	-0.01	-10	15	530	-1	-0.01	1030	-10	-2	-2	2	15	-0.01	-10	-10	14	-10	12
VR09167A	-1	-0.01	-10	15	480	-1	-0.01	1000	-10	-2	-2	2	31	-0.01	-10	-10	13	-10	10
VR09168A	-1	-0.01	-10	15	380	-1	-0.01	1085	-10	-2	-2	2	10	-0.01	-10	-10	13	-10	10
VR09169A	-1	-0.01	-10	15	395	-1	-0.01	1100	-10	-2	-2	2	12	-0.01	-10	-10	12	-10	8
VR09170A	-1	-0.01	-10	15	390	-1	-0.01	1025	-10	-2	-2	2	18	-0.01	-10	-10	11	-10	8
VR09171A	-1	-0.01	-10	15	410	-1	-0.01	1150	-10	-2	-2	2	19	-0.01	-10	-10	10	-10	12
VR09172A	-1	-0.01	-10	15	295	-1	-0.01	1215	-10	-2	-2	2	22	-0.01	-10	-10	12	-10	12
VR09173A	-1	-0.01	-10	15	340	-1	-0.01	1035	-10	2	-2	2	42	-0.01	-10	-10	12	-10	8
VR09174A	-1	-0.01	-10	14.05	410	-1	-0.01	746	-10	-2	-2	2	71	-0.01	-10	-10	10	-10	8
VR09175A	-1	-0.01	-10	11.65	425	-1	0.01	1080	-10	-2	-2	2	166	-0.01	-10	-10	8	-10	20
VR09176A	-1	-0.01	-10	9.56	240	-1	0.01	698	-10	-2	-2	1	292	-0.01	-10	-10	8	-10	8
VR09177A	-1	-0.01	-10	11.95	360	-1	0.01	1025	-10	2	-2	2	216	-0.01	-10	-10	10	-10	18
VR09178A	-1	-0.01	-10	14.65	515	-1	0.01	918	-10	-2	-2	2	132	-0.01	-10	-10	12	-10	12
VR09179A	-1	-0.01	-10	11.25	345	-1	0.01	821	-10	-2	-2	1	265	-0.01	-10	-10	11	-10	8
VR09180A	-1	0.01	-10	10.35	645	-1	0.01	661	120	-2	-2	2	183	-0.01	-10	-10	16	-10	8
VR09181A	-1	-0.01	-10	6.73	370	-1	0.01	416	100	-2	-2	2	179	-0.01	-10	-10	14	-10	4
VR09182A	-1	-0.01	-10	6.55	390	-1	0.01	425	110	-2	-2	2	161	-0.01	-10	-10	12	-10	4
VR09183A	-1	-0.01	-10	5.48	570	-1	0.01	354	100	-2	-2	2	201	-0.01	-10	-10	17	-10	2
VR09184A	-1	-0.01	-10	7.1	995	-1	-0.01	230	140	-2	-2	2	194	-0.01	-10	-10	21	-10	4
VR09185A	-1	-0.01	-10	9.94	755	-1	-0.01	235	-10	-2	-2	2	108	-0.01	-10	-10	14	-10	4
VR09186A	-1	-0.01	-10	10.35	820	-1	-0.01	414	30	-2	-2	2	167	-0.01	-10	-10	13	-10	6
VR09187A	-1	-0.01	-10	9.21	565	-1	0.01	430	130	-2	-2	3	178	-0.01	-10	-10	25	-10	8
VR09188A	-1	-0.01	-10	7.68	365	-1	0.01	613	100	2	-2	2	204	-0.01	-10	-10	21	-10	8
VR09189A	-1	0.04	-10	8.83	370	-1	0.02	584	70	-2	-2	3	223	-0.01	-10	-10	17	-10	6
VR09190A	-1	0.02	-10	8.77	330	-1	0.01	131	1370	-2	-2	2	238	-0.01	-10	-10	16	-10	30
VR09191A	-1	0.02	-10	4.4	245	-1	0.01	75	1040	2	-2	2	183	-0.01	-10	-10	12	-10	24
VR09192A	-1	0.01	-10	1.11	175	-1	0.01	31	1220	-2	-2	1	174	-0.01	-10	-10	6	-10	20
VR09193A	-1	0.16	10	1.42	640	-1	0.04	22	630	4	2	10	166	-0.01	-10	-10	43	-10	62
VR09194A	-1	0.18	10	2.37	625	-1	0.04	15	620	4	-2	10	122	-0.01	-10	-10	42	-10	60
VR09195A	-1	0.27	10	1.6	720	-1	0.05	13	720	2	2	11	110	-0.01	-10	-10	55	-10	74
VR09196A	-1	0.36	10	1.5	775	-1	0.06	14	700	6	2	9	141	0.01	-10	-10	55	-10	68
VR09197A	-1	0.34	10	1.59	765	-1	0.06	15	700	6	-2	9	133	0.01	-10	-10	57	-10	72
VR09198A	-1	0.25	10	1.54	850	-1	0.07	16	650	4	2	11	178	-0.01	-10	-10	62	-10	66
VR09199A	-1	0.24	10	2.06	765	-1	0.05	15	668	-2	2	12	131	-0.01	-10	-10	65	-10	68
VR09200A	-1	0.27	10	1.67	745	-1	0.06	14	630	4	2	10	164	-0.01	-10	-10	54	-10	58
VR09201A	-1	0.29	-10	1.43	740	-1	0.05	15	690	-2	2	8	100	0.01	-10	-10	51	-10	72
VR09202A	-1	0.28	-10	1.48	780	1	0.05	16	700	-2	2	7	101	-0.01	-10	-10	51	-10	74

Hole No.	From (m)	To (m)	Lithology	Chemex Certificate No.	Sample Number	Au ppb (5ppb)	Ag ppm (.2ppm)	Al % (0.01%)	As ppm (2ppm)	Ba ppm (10ppm)	Be ppm (.5ppm)	Bi ppm (2ppm)	Ca % (0.01%)	Cd ppm (.5ppm)	Co ppm (1ppm)	Cr ppm (1ppm)	Cu ppm (1ppm)	Fe % (0.01%)	Ga ppm (10ppm)
9480-02	4.6	6	GS/GQ	A9428975	VR09203A	-5	0.6	0.62	78	160	-0.5	-2	0.06	-0.5	6	93	152	4.19	-10
9480-02	6	7.8	GS/GQ	A9428975	VR09204A	-5	0.4	0.65	32	260	0.5	-2	0.08	-0.5	1	132	44	1.89	-10
9480-02	7.8	9.8	GS/GQ	A9428975	VR09205A	-5	0.4	0.58	16	260	0.5	-2	0.01	-0.5	1	146	18	1.36	-10
9480-02	9.8	11.8	GS/GQ	A9428975	VR09206A	10	0.6	0.54	22	230	0.5	-2	0.01	-0.5	-1	126	27	1.45	-10
9480-02	11.8	13.8	GS/GQ	A9428975	VR09207A	-5	0.4	0.35	14	160	-0.5	-2	0.01	-0.5	1	103	27	1.5	-10
9480-02	13.8	15.8	GS/GQ	A9428975	VR09208A	-5	0.6	0.77	26	250	0.5	-2	0.01	-0.5	2	170	50	2.31	-10
9480-02	15.8	17.8	GS/GQ	A9428975	VR09209A	-5	0.8	0.44	12	170	0.5	-2	0.01	-0.5	1	147	22	1.52	-10
9480-02	17.8	19.8	GS/GQ	A9428975	VR09210A	-5	0.6	0.62	26	230	0.5	-2	0.01	-0.5	1	181	17	1.7	-10
9480-02	19.8	21.8	GS/GQ	A9428975	VR09211A	-5	0.8	0.66	22	220	0.5	-2	0.02	-0.5	1	260	17	1.39	-10
9480-02	21.8	23.8	GS/GQ	A9428975	VR09212A	-5	0.6	0.58	66	180	-0.5	-2	0.03	-0.5	1	204	39	2.29	-10
9480-02	23.8	25.8	GS/GQ	A9428975	VR09213A	-5	0.6	0.55	34	130	-0.5	-2	0.03	0.5	4	135	62	2.66	-10
9480-02	25.8	27.8	GS/GQ	A9428975	VR09214A	-5	0.6	0.66	32	180	0.5	-2	0.04	-0.5	-1	177	30	1.91	-10
9480-02	27.8	29.8	GS/GQ	A9428975	VR09215A	-5	0.6	0.57	22	90	-0.5	-2	0.06	-0.5	-1	100	32	1.69	-10
9480-02	29.8	31.8	GS/GQ	A9428975	VR09216A	-5	0.8	0.63	30	150	-0.5	-2	0.03	-0.5	-1	188	28	1.74	-10
9480-02	31.8	33.8	GS/GQ	A9428975	VR09217A	-5	0.8	0.43	16	90	-0.5	-2	0.02	-0.5	-1	121	28	1.65	-10
9480-02	33.8	35.8	GS/GQ	A9428975	VR09218A	-5	0.8	0.64	16	160	-0.5	-2	0.03	-0.5	1	219	25	1.48	-10
9480-02	35.8	37.8	GS/GQ	A9428975	VR09219A	-5	1.2	0.25	78	310	-0.5	-2	0.02	-0.5	2	165	29	1.86	-10
9480-02	37.8	39	GS/GQ	A9428975	VR09220A	-5	2.6	0.32	90	590	-0.5	-2	0.03	-0.5	3	297	19	2.05	-10
9480-02	39	41	GS/GQ	A9428975	VR09221A	-5	1.2	0.38	78	320	-0.5	-2	0.02	-0.5	2	275	14	1.68	-10
9480-02	41	42.8	GS/GQ	A9428975	VR09222A	-5	0.6	4.18	80	440	-0.5	-2	0.2	-0.5	9	219	229	6.75	-10
9480-02	42.8	44.8	QMCS	A9428975	VR09223A	-5	0.4	0.47	72	290	-0.5	-2	0.02	-0.5	1	224	26	1.82	-10
9480-02	44.8	46.1	QMCS	A9428975	VR09224A	-5	0.2	1.63	12	280	-0.5	-2	0.06	0.5	7	115	250	3.45	-10
9480-02	46.1	48.1	QMCS	A9428975	VR09225A	-5	0.2	4.25	18	560	-0.5	-2	1.44	5.5	31	133	123	6.93	-10
9480-02	48.1	50.1	QMCS	A9428975	VR09226A	-5	-0.2	5.12	42	140	-0.5	-2	1.9	-0.5	30	101	41	8.32	-10
9480-02	50.1	52.1	QMCS	A9428975	VR09227A	-5	0.2	3.53	8	510	-0.5	-2	0.92	-0.5	26	133	45	6.08	-10
9480-02	52.1	54.1	QMCS	A9428975	VR09228A	-5	0.2	2.99	6	320	-0.5	-2	0.48	-0.5	25	159	82	6.18	-10
9480-02	54.1	56	QMCS	A9428975	VR09229A	-5	0.4	2.89	4	640	-0.5	-2	0.39	-0.5	22	203	84	5.21	-10
9480-02	56	57.1	QMCS	A9428975	VR09230A	-5	-0.2	3.1	14	70	-0.5	-2	1.34	-0.5	18	95	18	5.13	-10
9480-02	57.1	58.8	QMCS	A9428975	VR09231A	-5	0.4	2.66	8	290	-0.5	-2	0.84	-0.5	18	148	71	4.59	-10
9480-02	58.8	59.9	QMCS	A9428975	VR09232A	-5	-0.2	4.25	10	460	-0.5	-2	2.85	-0.5	30	147	38	6.57	-10
9480-02	59.9	61.9	QMCS	A9428975	VR09233A	-5	0.2	5.15	16	250	-0.5	-2	2.7	-0.5	33	130	61	7.9	-10
9480-02	61.9	63.9	QMCS	A9428975	VR09234A	-5	-0.2	4.61	14	220	-0.5	-2	2.93	-0.5	31	131	46	7.26	-10
9480-02	63.9	65.5	QMCS	A9428975	VR09235A	-5	-0.2	4.79	14	250	-0.5	-2	2.88	-0.5	27	107	16	7.79	-10
9480-02	65.5	67.5	QMCS	A9428975	VR09236A	-5	-0.2	4.23	26	980	-0.5	-2	3.43	-0.5	28	133	23	7.58	-10
9480-02	67.5	69.5	QMS	A9428975	VR09237A	-5	-0.2	4.6	10	860	-0.5	-2	3.51	-0.5	29	106	56	7.56	-10
9480-02	69.5	71.3	QMS	A9428975	VR09238A	-5	-0.2	4.6	16	900	-0.5	-2	3.42	-0.5	30	123	56	7.37	-10
9480-02	71.3	73.2	QMS	A9428975	VR09239A	-5	-0.2	4.17	24	670	-0.5	-2	4.26	-0.5	26	88	42	6.66	-10
9480-02	73.2	74.7	QMS	A9428975	VR09240A	-5	-0.2	3.93	18	270	-0.5	-2	2.97	-0.5	24	129	49	6.37	-10
9480-02	74.7	76.7	QMS	A9428975	VR09241A	-5	-0.2	4.71	16	920	-0.5	-2	2.87	-0.5	33	108	46	7.52	-10
9480-02	76.7	78.7	QMS	A9428975	VR09242A	-5	-0.2	4.53	24	530	-0.5	-2	3.18	-0.5	29	122	32	7.15	-10
9480-02	78.7	80.1	QMS	A9428975	VR09243A	-5	-0.2	4.03	26	410	-0.5	-2	3.47	-0.5	29	132	38	6.4	-10
9480-02	80.1	82	QMS	A9428975	VR09244A	-5	-0.2	2.75	36	140	-0.5	-2	2.18	-0.5	25	170	53	5.16	-10
9480-02	82	83.6	QMS	A9428975	VR09245A	-5	-0.2	3.6	44	200	-0.5	-2	2.53	0.5	24	145	40	6.08	-10
9480-02	83.6	84.5	GS/GQ	A9428975	VR09246A	-5	1.2	1.39	158	240	-0.5	-2	1.45	5	14	278	125	2.97	-10

Sample Number	Hg ppm (1ppm)	K % (.01%)	La ppm (10ppm)	Mg % (0.01%)	Mn ppm (5ppm)	Mo ppm (1ppm)	Na % (.01%)	Ni ppm (1ppm)	P ppm (10ppm)	Pb ppm (2ppm)	Sb ppm (2ppm)	Sc ppm (1ppm)	Sr ppm (1ppm)	Ti % (.01%)	Tl ppm (10ppm)	U ppm (10ppm)	V ppm (1ppm)	W ppm (10ppm)	Zn ppm (2ppm)
VR09203A	1	0.22	10	0.09	65	7	-0.01	45	680	14	2	1	8	-0.01	-10	-10	24	-10	128
VR09204A	-1	0.43	10	0.07	30	4	0.01	14	330	8	-2	1	9	-0.01	-10	-10	27	-10	56
VR09205A	-1	0.45	10	0.06	30	3	-0.01	10	180	6	-2	1	7	-0.01	-10	-10	25	-10	34
VR09206A	-1	0.42	20	0.05	30	4	-0.01	9	180	10	2	1	3	-0.01	-10	-10	23	-10	36
VR09207A	-1	0.28	20	0.03	25	5	-0.01	10	170	8	2	1	3	-0.01	-10	-10	16	-10	28
VR09208A	-1	0.46	10	0.08	30	7	-0.01	20	290	14	-2	2	4	-0.01	-10	-10	30	-10	64
VR09209A	-1	0.33	10	0.04	20	8	-0.01	11	160	14	2	1	5	-0.01	-10	-10	17	-10	42
VR09210A	-1	0.44	20	0.07	25	4	-0.01	9	240	6	2	1	7	-0.01	10	-10	30	-10	50
VR09211A	-1	0.43	10	0.08	25	5	-0.01	9	230	2	-2	2	9	-0.01	-10	-10	30	-10	34
VR09212A	-1	0.35	10	0.08	20	9	-0.01	20	280	14	2	1	5	-0.01	-10	-10	24	-10	78
VR09213A	-1	0.24	10	0.11	20	4	-0.01	43	280	14	-2	1	5	-0.01	-10	-10	20	-10	132
VR09214A	-1	0.36	10	0.12	20	4	-0.01	12	260	4	2	1	8	-0.01	-10	-10	27	-10	48
VR09215A	-1	0.2	10	0.17	20	3	-0.01	6	260	2	-2	1	12	-0.01	-10	-10	21	-10	20
VR09216A	-1	0.35	10	0.1	20	6	-0.01	9	240	4	-2	2	14	-0.01	-10	-10	29	-10	36
VR09217A	-1	0.2	10	0.09	20	4	-0.01	19	260	2	-2	1	8	-0.01	-10	-10	18	-10	68
VR09218A	-1	0.38	10	0.11	20	4	0.01	14	220	2	2	2	10	-0.01	-10	-10	29	-10	52
VR09219A	-1	0.13	-10	0.04	15	26	-0.01	21	470	12	2	2	8	-0.01	-10	-10	95	-10	178
VR09220A	-1	0.18	-10	0.04	15	26	-0.01	44	960	20	2	2	11	-0.01	-10	-10	209	-10	358
VR09221A	-1	0.24	-10	0.04	15	12	-0.01	23	1410	26	2	1	33	-0.01	-10	-10	83	-10	174
VR09222A	-1	0.28	20	2.08	355	1	0.01	116	1480	-2	4	8	30	-0.01	-10	-10	105	-10	154
VR09223A	-1	0.21	-10	0.09	20	6	0.01	21	630	12	2	1	18	-0.01	-10	-10	50	-10	230
VR09224A	-1	0.17	10	0.66	85	-1	-0.01	48	540	-2	-2	2	13	-0.01	-10	-10	28	-10	142
VR09225A	-1	0.26	10	3.81	1170	1	0.01	81	840	6	6	13	33	-0.01	-10	-10	140	10	324
VR09226A	-1	0.1	-10	5.61	1385	-1	-0.01	79	650	4	6	19	57	-0.01	-10	-10	203	10	138
VR09227A	-1	0.32	20	2.87	695	-1	0.01	80	910	4	2	9	36	-0.01	-10	-10	94	10	154
VR09228A	-1	0.22	30	1.94	390	-1	0.01	91	1030	-2	-2	7	31	-0.01	-10	-10	75	-10	150
VR09229A	-1	0.36	30	2.07	460	-1	0.02	69	1060	4	-2	6	18	0.01	-10	-10	65	-10	92
VR09230A	-1	0.06	-10	3.16	815	-1	-0.01	24	530	6	4	18	53	-0.01	-10	-10	147	10	72
VR09231A	-1	0.22	20	2.42	605	-1	0.04	32	700	4	2	11	34	0.02	-10	-10	105	-10	70
VR09232A	-1	0.09	10	4.4	1190	-1	0.02	40	700	4	2	26	99	0.02	-10	-10	223	10	92
VR09233A	-1	0.34	-10	5.26	1365	-1	0.01	36	590	8	4	36	125	0.06	-10	-10	341	20	92
VR09234A	-1	0.25	-10	4.65	1355	-1	0.01	29	650	4	4	33	134	0.05	-10	-10	265	20	82
VR09235A	-1	0.16	-10	5.38	1380	-1	0.01	26	600	-2	2	27	106	-0.01	-10	-10	243	20	92
VR09236A	-1	0.16	-10	4.87	1220	-1	0.01	29	640	2	4	30	132	0.01	-10	-10	241	10	88
VR09237A	-1	0.94	-10	4.29	1335	-1	0.02	32	610	8	4	33	163	0.16	-10	-10	289	20	86
VR09238A	-1	0.91	-10	4.36	1355	-1	0.02	39	620	8	6	33	152	0.16	-10	-10	290	20	82
VR09239A	-1	0.63	-10	4.01	1555	-1	0.02	24	600	2	6	29	187	0.11	-10	-10	268	20	74
VR09240A	-1	0.22	-10	4.19	1355	-1	0.01	27	580	2	8	29	125	0.03	-10	-10	251	10	78
VR09241A	-1	0.95	-10	4.63	1395	-1	0.02	27	610	4	4	35	129	0.14	-10	-10	314	20	86
VR09242A	-1	0.52	-10	4.62	1395	-1	0.01	27	610	-2	4	33	155	0.08	-10	-10	285	20	90
VR09243A	-1	0.4	-10	4	1300	-1	0.02	33	640	2	4	26	141	0.06	-10	-10	257	10	82
VR09244A	-1	0.14	-10	3	1005	2	0.02	38	600	6	2	19	72	0.01	-10	-10	183	10	54
VR09245A	-1	0.18	-10	3.43	1130	-1	0.01	65	580	2	2	22	55	-0.01	-10	-10	204	10	282
VR09246A	-1	0.2	-10	0.85	500	18	-0.01	173	2050	6	6	8	70	-0.01	-10	-10	155	-10	618

Hole No.	From (m)	To (m)	Lithology	Chemex Certificate No.	Sample Number	Au ppb (5ppb)	Ag ppm (.2ppm)	Al % (0.01%)	As ppm (2ppm)	Ba ppm (10ppm)	Be ppm (.5ppm)	Bi ppm (2ppm)	Ca % (0.01%)	Cd ppm (.5ppm)	Co ppm (1ppm)	Cr ppm (1ppm)	Cu ppm (1ppm)	Fe % (0.01%)	Ga ppm (10ppm)
9480-02	84.5	86.6	GS/GQ	A9428975	VR09247A	-5	0.8	0.87	106	290	-0.5	-2	1.97	-0.5	14	231	70	2.74	-10
9480-02	86.6	88.1	GS/GQ	A9428975	VR09248A	-5	0.6	0.48	10	390	-0.5	-2	0.3	1	7	347	52	1.81	-10
9480-02	88.1	90	GS/GQ	A9428975	VR09249A	-5	2.8	0.61	160	220	0.5	-2	2.47	2	1	393	54	1.95	-10
9480-02	90	92	GS/GQ	A9428975	VR09250A	-5	2.8	0.55	130	170	-0.5	-2	2.04	4.5	3	215	190	2.33	-10
9480-02	92	94	QMS	A9428975	VR09251A	-5	0.4	0.37	18	360	-0.5	-2	0.06	0.5	1	356	16	0.81	-10
9480-02	94	96	QMS	A9428975	VR09252A	-5	0.4	0.23	10	1610	-0.5	-2	0.02	0.5	1	303	8	0.77	-10
9480-02	96	98.2	QMS	A9428975	VR09253A	-5	0.4	0.31	22	1360	-0.5	-2	0.02	0.5	1	337	14	0.89	-10
9480-02	98.2	100	QMS	A9428975	VR09254A	-5	0.4	0.32	40	280	-0.5	2	0.03	1	2	285	34	0.97	-10
9480-02	100	103	QMS	A9428975	VR09255A	-5	0.4	0.54	86	260	-0.5	-2	2.24	14.5	3	305	92	1.79	-10
9480-02	103	104.9	QMS	A9428975	VR09256A	-5	0.4	0.45	22	190	-0.5	-2	0.62	1	2	297	87	1.27	-10
9480-02	104.9	105.8	QMS	A9428975	VR09257A	-5	0.4	0.44	18	200	-0.5	-2	2.41	6.5	4	296	105	1.39	-10
9480-02	105.8	108.8	GS/GQ	A9428975	VR09258A	-5	0.8	1.15	26	310	0.5	-2	0.92	4	6	248	172	2.52	-10
9480-02	108.8	110.8	GS/GQ	A9428975	VR09259A	-5	1.4	1.31	46	310	-0.5	-2	1.06	1	3	273	121	3.13	-10
9480-02	110.8	111.9	GS/GQ	A9428975	VR09260A	-5	1.2	0.88	554	120	-0.5	-2	2.63	27	15	211	185	4.04	-10
9480-02	111.9	113.9	GS/GQ	A9428975	VR09261A	-5	0.8	1.45	8	390	-0.5	-2	0.85	1	4	397	117	2.63	-10
9480-02	113.9	115.9	GS/GQ	A9428975	VR09262A	-5	0.8	1.09	2	320	-0.5	-2	0.74	0.5	2	239	78	1.97	-10
9480-02	115.9	117.9	GS/GQ	A9428975	VR09263A	-5	1	1.64	18	460	-0.5	-2	0.52	-0.5	3	332	67	2.58	-10
9480-02	117.9	119.9	GS/GQ	A9428975	VR09264A	-5	1.8	1.54	18	330	-0.5	-2	0.38	-0.5	2	160	76	2.7	-10
9480-02	119.9	121.9	GS/GQ	A9428975	VR09265A	-5	2	1.11	22	230	-0.5	-2	0.99	1.5	5	292	135	2.3	-10
9480-02	121.9	123.9	GS/GQ	A9428975	VR09266A	-5	0.8	1.16	6	300	-0.5	-2	0.41	-0.5	4	192	99	2.51	-10
9480-02	123.9	125.9	GS/GQ	A9428975	VR09267A	-5	0.6	1.17	8	280	-0.5	-2	0.65	0.5	4	237	112	2.17	-10
9480-02	125.9	127.9	GS/GQ	A9428975	VR09268A	-5	1.2	1.2	20	310	-0.5	-2	0.61	-0.5	5	222	125	3.04	-10
9480-02	127.9	129.9	GS/GQ	A9428975	VR09269A	-5	0.4	0.63	8	190	-0.5	-2	0.87	3	6	299	96	1.41	-10
9480-02	129.9	131.5	GS/GQ	A9428975	VR09270A	-5	1.2	1.12	18	310	-0.5	-2	0.52	-0.5	2	232	111	2.37	-10
9480-02	131.5	133.2	GS/GQ	A9428975	VR09271A	-5	1.4	0.79	156	140	-0.5	-2	2.05	7.5	8	351	200	2.05	-10
9480-02	133.2	135.2	GS/GQ	A9428975	VR09272A	-5	0.6	0.33	24	150	-0.5	-2	0.92	1	2	159	79	0.89	-10
9480-02	135.2	137.2	GS/GQ	A9428975	VR09273A	-5	0.4	0.37	12	220	-0.5	-2	2.33	6.5	6	372	60	1.47	-10
9480-02	137.2	139.2	GS/GQ	A9428975	VR09274A	-5	1.4	0.6	66	210	-0.5	-2	1.39	2	3	262	165	1.8	-10
9480-02	139.2	141.2	GS/GQ	A9428975	VR09275A	-5	2.2	0.54	70	300	-0.5	-2	1.97	16.5	6	461	191	1.95	-10
9480-02	141.2	143	GS/GQ	A9428975	VR09276A	-5	1.6	0.33	32	240	-0.5	-2	1.63	1	1	96	91	0.68	-10
9480-02	143	145.4	GS/GQ	A9428975	VR09277A	-5	1.6	0.39	12	300	-0.5	-2	0.93	-0.5	-1	312	100	0.55	-10
9480-02	145.4	147.4	GS/GQ	A9428975	VR09278A	-5	1.4	0.22	22	160	-0.5	-2	0.87	0.5	-1	97	78	0.87	-10
9480-02	147.4	149.4	GS/GQ	A9428975	VR09279A	-5	1.2	0.39	28	150	-0.5	-2	1.63	5.5	4	308	64	1.65	-10
9480-02	149.4	151.5	GS/GQ	A9428975	VR09280A	-5	1.4	0.17	28	150	-0.5	-2	0.85	1.5	4	127	62	1.23	-10
9480-02	151.5	153.6	GS/GQ	A9428975	VR09281A	-5	1.6	0.36	12	150	-0.5	-2	0.78	1	3	333	64	1.45	-10
9480-02	153.6	155.6	GS/GQ	A9428975	VR09282A	-5	1.6	0.39	26	160	-0.5	-2	0.98	1.5	4	306	69	1.47	-10
9480-02	155.6	157.6	GS/GQ	A9428975	VR09283A	-5	1.4	0.36	44	160	-0.5	-2	0.84	1	6	121	104	1.58	-10
9480-02	157.6	159.6	GS/GQ	A9428975	VR09284A	-5	1.4	0.69	38	130	-0.5	-2	0.87	1.5	7	249	152	2.15	-10
9480-02	159.6	161.4	GS/GQ	A9428975	VR09285A	-5	1.2	0.67	22	190	-0.5	-2	0.68	1.5	8	236	147	2.01	-10
9480-02	161.4	163.4	GS/GQ	A9428975	VR09286A	-5	1.4	0.27	34	100	-0.5	-2	0.65	2	7	108	190	1.77	-10
9480-02	163.4	165.8	GS/GQ	A9428975	VR09287A	-5	1.6	0.52	48	130	-0.5	-2	0.92	3.5	6	256	148	1.77	-10
9480-02	165.8	166.9	GS/GQ	A9428975	VR09288A	-5	1.6	1.26	16	140	-0.5	-2	2.1	0.5	14	299	46	3.28	-10
9480-02	166.9	168.8	GS/GQ	A9428975	VR09289A	-5	1.8	2.68	12	60	-0.5	-2	1.15	-0.5	21	185	78	4.99	-10
9480-02	168.8	170.8	GS/GQ	A9428975	VR09290A	-5	1.6	1.25	8	160	-0.5	-2	0.43	-0.5	10	86	64	2.96	-10

Sample Number	Hg ppm (1ppm)	K % (.01%)	La ppm (10ppm)	Mg % (0.01%)	Mn ppm (5ppm)	Mo ppm (1ppm)	Na % (.01%)	Ni ppm (1ppm)	P ppm (10ppm)	Pb ppm (2ppm)	Sb ppm (2ppm)	Sc ppm (1ppm)	Sr ppm (1ppm)	Ti % (.01%)	Tl ppm (10ppm)	U ppm (10ppm)	V ppm (1ppm)	W ppm (10ppm)	Zn ppm (2ppm)
VR09247A	-1	0.34	-10	0.64	555	2	0.01	64	560	-2	2	3	58	-0.01	-10	-10	27	-10	164
VR09248A	-1	0.23	-10	0.14	210	2	-0.01	29	230	4	2	1	13	-0.01	-10	-10	12	-10	130
VR09249A	1	0.44	-10	0.11	40	12	0.01	9	8730	10	2	2	133	-0.01	-10	-10	241	-10	34
VR09250A	-1	0.3	-10	0.07	185	13	0.01	53	3860	12	4	2	120	-0.01	-10	-10	62	-10	370
VR09251A	-1	0.23	-10	0.06	45	1	-0.01	12	180	4	2	1	11	-0.01	-10	-10	11	-10	42
VR09252A	-1	0.17	-10	0.03	25	1	-0.01	6	110	2	-2	-1	27	-0.01	-10	-10	7	-10	8
VR09253A	-1	0.21	-10	0.04	50	2	-0.01	7	120	6	-2	1	27	-0.01	-10	-10	15	-10	20
VR09254A	-1	0.18	-10	0.05	60	-1	-0.01	15	190	4	2	1	17	-0.01	-10	-10	8	-10	44
VR09255A	-1	0.2	-10	1.07	495	1	0.01	36	210	4	2	2	81	-0.01	-10	-10	20	-10	250
VR09256A	-1	0.16	-10	0.1	55	-1	-0.01	25	210	2	-2	1	36	-0.01	-10	-10	7	-10	70
VR09257A	-1	0.14	-10	0.98	570	1	0.01	53	180	6	2	1	102	-0.01	-10	-10	14	-10	210
VR09258A	-1	0.3	-10	0.35	105	4	0.01	74	2420	6	4	2	82	-0.01	-10	-10	31	-10	344
VR09259A	1	0.31	10	0.57	80	20	0.01	39	330	8	2	2	39	-0.01	-10	-10	71	-10	222
VR09260A	-1	0.21	-10	0.15	670	39	-0.01	165	600	22	6	2	87	-0.01	-10	-10	104	10	1270
VR09261A	-1	0.36	10	0.53	95	4	0.01	33	650	2	-2	2	42	-0.01	-10	-10	29	-10	116
VR09262A	-1	0.29	10	0.39	75	2	0.01	22	290	-2	2	1	22	-0.01	-10	-10	15	-10	98
VR09263A	-1	0.35	10	0.66	115	1	0.01	24	500	-2	-2	2	28	-0.01	-10	-10	33	-10	76
VR09264A	-1	0.26	10	0.69	95	1	-0.01	20	430	2	2	1	33	-0.01	-10	-10	23	-10	66
VR09265A	-1	0.28	-10	0.38	110	4	-0.01	44	270	4	2	2	30	-0.01	-10	-10	30	-10	178
VR09266A	-1	0.28	10	0.45	55	-1	0.01	21	290	-2	2	1	30	-0.01	-10	-10	15	-10	80
VR09267A	-1	0.26	-10	0.62	95	-1	0.01	27	190	2	-2	1	19	-0.01	-10	-10	13	-10	74
VR09268A	-1	0.31	-10	0.55	55	2	-0.01	36	310	6	4	1	20	-0.01	-10	-10	22	-10	120
VR09269A	-1	0.18	-10	0.29	240	2	-0.01	46	200	6	2	1	28	-0.01	-10	-10	16	-10	152
VR09270A	-1	0.27	-10	0.56	40	5	0.01	21	250	8	2	1	30	-0.01	-10	-10	18	-10	72
VR09271A	-1	0.27	-10	0.24	320	19	0.01	119	2740	14	4	1	74	-0.01	-10	10	104	-10	734
VR09272A	-1	0.11	-10	0.1	105	1	-0.01	21	130	10	2	-1	40	-0.01	-10	-10	10	-10	92
VR09273A	-1	0.16	-10	0.9	685	1	-0.01	39	100	8	2	1	72	-0.01	-10	-10	13	-10	368
VR09274A	-1	0.18	-10	0.07	55	2	0.01	55	1030	10	2	1	51	-0.01	-10	-10	20	-10	332
VR09275A	-1	0.2	-10	0.17	590	13	-0.01	59	3310	8	-2	2	110	-0.01	-10	10	68	-10	462
VR09276A	-1	0.13	-10	0.06	30	2	-0.01	11	4730	8	-2	1	74	-0.01	-10	-10	17	-10	68
VR09277A	1	0.18	-10	0.06	30	3	-0.01	7	2610	8	2	1	59	-0.01	-10	-10	29	-10	30
VR09278A	-1	0.09	-10	0.04	20	3	-0.01	10	2070	4	-2	-1	39	-0.01	-10	-10	13	-10	50
VR09279A	-1	0.17	-10	0.28	475	2	0.01	39	2470	6	-2	1	59	-0.01	-10	-10	24	-10	254
VR09280A	-1	0.09	-10	0.11	215	4	-0.01	44	1680	4	2	-1	35	-0.01	-10	-10	16	-10	210
VR09281A	-1	0.21	-10	0.12	155	4	-0.01	37	1660	4	2	1	33	-0.01	-10	-10	29	-10	120
VR09282A	-1	0.19	-10	0.32	240	3	0.01	43	1630	8	-2	1	40	-0.01	-10	-10	29	-10	176
VR09283A	1	0.13	-10	0.36	250	1	-0.01	65	960	14	2	1	38	-0.01	-10	-10	16	-10	226
VR09284A	-1	0.26	-10	0.35	185	1	0.01	97	2260	12	2	1	38	-0.01	-10	-10	31	-10	412
VR09285A	1	0.25	-10	0.44	230	1	0.01	59	830	8	2	1	29	-0.01	-10	-10	20	-10	240
VR09286A	-1	0.12	-10	0.17	155	2	-0.01	94	1310	12	2	1	28	-0.01	-10	-10	16	-10	432
VR09287A	-1	0.25	-10	0.25	150	5	-0.01	104	2420	22	2	1	42	-0.01	-10	-10	44	-10	420
VR09288A	-1	0.16	-10	1.83	895	2	0.01	53	720	8	4	2	64	-0.01	-10	-10	27	10	126
VR09289A	-1	0.33	10	2.54	720	-1	0.01	68	990	-2	6	3	44	-0.01	-10	-10	45	10	86
VR09290A	-1	0.19	10	1.01	265	-1	-0.01	30	260	2	4	1	14	-0.01	-10	-10	10	-10	64

Hole No.	From (m)	To (m)	Lithology	Chemex Certificate No.	Sample Number	Au ppb (5ppb)	Ag ppm (.2ppm)	Al % (0.01%)	As ppm (2ppm)	Ba ppm (10ppm)	Be ppm (.5ppm)	Bi ppm (2ppm)	Ca % (0.01%)	Cd ppm (.5ppm)	Co ppm (1ppm)	Cr ppm (1ppm)	Cu ppm (1ppm)	Fe % (0.01%)	Ga ppm (10ppm)
9480-02	170.8	172.9	GS/GQ	A9428975	VR09291A	-5	1.6	1.24	-2	150	-0.5	-2	0.66	-0.5	10	246	89	2.86	-10
9480-02	172.9	173.3	GS/GQ	A9428975	VR09292A	-5	0.4	1.42	-2	150	-0.5	-2	0.75	-0.5	7	166	35	2.61	-10
9480-02	173.3	174.4	GS/GQ	A9428975	VR09293A	-5	1.4	3.9	6	230	-0.5	-2	2.94	3	32	232	86	6.79	-10
9480-02	174.4	175.4	GS/GQ	A9428975	VR09294A	-5	1	0.49	14	150	-0.5	-2	1.12	1.5	9	130	71	2.02	-10
9480-02	175.4	177.4	GS/GQ	A9428975	VR09295A	-5	1.6	0.6	146	360	-0.5	-2	1.73	19.5	6	321	155	1.41	-10
9480-02	177.4	179.4	GS/GQ	A9428975	VR09296A	-5	1.2	0.16	18	160	-0.5	-2	0.9	1	3	92	69	1.43	-10
9480-02	179.4	181.5	GS/GQ	A9428975	VR09297A	-5	1.2	0.55	56	160	-0.5	-2	1.5	7	4	337	124	1.55	-10
9480-02	181.5	183.3	GS/GQ	A9428975	VR09298A	-5	0.8	0.22	18	200	-0.5	-2	1	4	3	87	67	1.25	-10
9480-02	183.3	185.1	GS/GQ	A9428975	VR09299A	-5	1.2	0.42	14	190	-0.5	-2	1.48	4	5	291	72	1.49	-10
9480-02	185.1	187.1	GQ	A9428975	VR09300A	-5	2.2	3.81	2	110	-0.5	-2	2.62	0.5	31	54	48	7.49	-10
9480-02	187.1	188.5	GQ	A9428975	VR09301A	-5	1.6	0.55	70	330	-0.5	-2	1.74	4.5	5	366	105	1.62	-10
9480-02	188.5	190.1	GQ	A9428975	VR09303A	-5	2.8	0.38	220	550	-0.5	-2	3.09	33.5	4	147	62	1.23	-10
9480-02	190.1	192.7	GS/QMS	A9428975	VR09304A	-5	2.4	2.66	176	210	-0.5	-2	3.86	1	26	157	67	6.15	-10
9480-02	192.7	194.3	GS/QMS	A9428975	VR09305A	-5	2	0.41	50	30	-0.5	-2	1.32	2.5	8	124	97	2.99	-10
9480-02	194.3	196.2	GS/QMS	A9428975	VR09306A	-5	1.6	0.58	82	30	-0.5	-2	0.73	9.5	10	332	67	2.9	-10
9480-02	196.2	197.4	GQ-BX	A9428975	VR09307A	-5	2.8	0.56	118	110	-0.5	-2	2.55	17	6	132	74	2.09	-10
9480-02	197.4	198.1	GS/GQ	A9428975	VR09308A	-5	0.8	0.54	74	70	-0.5	-2	0.77	16	10	291	67	2.44	-10
9480-02	198.1	200.4	GS/GQ	A9428975	VR09309A	-5	0.6	0.31	106	120	-0.5	-2	0.72	9.5	9	106	85	2.04	-10
9480-02	200.4	202.3	GS/GQ	A9428975	VR09310A	-5	1.2	0.45	92	130	-0.5	-2	1.14	9.5	10	258	66	2.44	-10
9480-02	202.3	204.3	GS/GQ	A9428975	VR09311A	-5	0.6	0.26	102	120	-0.5	-2	0.69	6.5	9	149	74	2.15	-10
9480-02	204.3	206.3	GS/GQ	A9428975	VR09312A	-5	0.8	0.48	82	60	-0.5	-2	0.98	6	9	262	65	2.32	-10
9480-02	206.3	208.3	GS/GQ	A9428975	VR09313A	-5	0.6	0.39	84	50	-0.5	-2	1.21	4.5	9	151	65	2.63	-10
9480-02	208.3	210.4	GS/GQ	A9428975	VR09314A	-5	0.8	0.48	86	70	-0.5	-2	0.61	7	10	279	82	2.34	-10
9480-02	210.4	212.5	GS/GQ	A9428975	VR09315A	-5	0.8	0.34	84	40	-0.5	-2	0.81	4	9	163	82	2.61	-10
9480-02	212.5	214.5	GS/GQ	A9428975	VR09316A	-5	1	0.41	82	70	-0.5	-2	0.98	5	10	265	60	2.32	-10
9480-02	214.5	216.2	GS/GQ	A9428975	VR09317A	-5	1	0.36	68	70	-0.5	-2	1.19	3.5	8	213	84	2.38	-10
9480-02	216.2	218.2	GS/GQ	A9428975	VR09318A	-5	0.8	0.5	48	80	-0.5	-2	0.9	3.5	5	332	55	1.86	-10
9480-02	218.2	220.2	GS/GQ	A9428975	VR09319A	-5	0.6	0.35	56	130	-0.5	-2	0.98	4	7	168	68	1.75	-10
9480-02	220.2	222.2	GS/GQ	A9428975	VR09320A	-5	1	0.51	86	140	-0.5	-2	0.94	9	6	318	78	1.74	-10
9480-02	222.2	224.6	GS/GQ	A9428975	VR09321A	-5	0.6	0.47	88	240	-0.5	-2	1.04	8	6	271	89	1.77	-10
9480-02	224.6	226.6	GS/GQ	A9428975	VR09322A	-5	0.6	0.7	86	100	-0.5	-2	0.76	1	8	231	86	2.59	-10
9480-02	226.6	228.6	GS/GQ	A9428975	VR09323A	-5	0.8	0.32	26	100	-0.5	-2	0.57	1.5	8	110	77	2.45	-10
9480-02	228.6	230.6	GS/GQ	A9428975	VR09324A	-5	0.6	0.74	10	110	-0.5	-2	0.93	0.5	7	186	89	2.32	-10
9480-02	230.6	232.6	GS/GQ	A9428975	VR09325A	-5	0.8	0.36	70	180	-0.5	-2	0.95	3	8	126	78	2.04	-10
9480-02	232.6	234.6	GS/GQ	A9428975	VR09326A	-5	0.8	0.96	6	120	-0.5	-2	0.51	0.5	8	181	69	2.72	-10
9480-02	234.6	236.8	GS/GQ	A9428975	VR09327A	-5	1.2	0.67	6	90	-0.5	-2	0.86	0.5	10	102	89	3.18	-10
9480-02	236.8	238.9	GS/GQ	A9428975	VR09328A	-5	1	0.96	4	100	-0.5	-2	0.5	0.5	8	238	75	2.83	-10
9480-02	238.9	240.9	GS/GQ	A9428975	VR09329A	-5	1	1.09	4	150	-0.5	-2	0.61	-0.5	7	252	67	2.68	-10
9480-02	240.9	242.9	GS/GQ	A9428975	VR09330A	-5	1	1.08	-2	130	-0.5	-2	1.08	0.5	7	239	75	2.75	-10

Sample Number	Hg ppm (1ppm)	K % (.01%)	La ppm (10ppm)	Mg % (0.01%)	Mn ppm (5ppm)	Mo ppm (1ppm)	Na % (.01%)	Ni ppm (1ppm)	P ppm (10ppm)	Pb ppm (2ppm)	Sb ppm (2ppm)	Sc ppm (1ppm)	Sr ppm (1ppm)	Ti % (.01%)	Tl ppm (10ppm)	U ppm (10ppm)	V ppm (1ppm)	W ppm (10ppm)	Zn ppm (2ppm)
VR09291A	-1	0.39	10	0.8	305	6	0.01	56	390	-2	2	2	17	-0.01	-10	-10	33	-10	64
VR09292A	-1	0.12	-10	1.32	395	-1	-0.01	26	310	-2	-2	1	18	-0.01	-10	-10	14	-10	78
VR09293A	1	0.21	-10	4.4	1630	-1	0.01	135	1220	2	4	7	79	-0.01	-10	-10	96	20	388
VR09294A	-1	0.12	-10	0.7	395	1	-0.01	58	420	8	4	1	27	-0.01	-10	-10	27	-10	148
VR09295A	-1	0.28	-10	0.61	280	44	-0.01	191	3100	10	4	1	74	-0.01	-10	10	343	-10	1545
VR09296A	-1	0.09	-10	0.27	145	1	-0.01	28	1650	10	-2	-1	35	-0.01	-10	-10	13	-10	98
VR09297A	-1	0.23	-10	0.5	265	7	0.01	84	2600	14	4	2	68	-0.01	-10	-10	86	-10	344
VR09298A	-1	0.09	-10	0.37	170	-1	-0.01	36	1460	4	2	1	34	-0.01	-10	-10	12	-10	126
VR09299A	1	0.15	-10	0.64	300	1	-0.01	37	1140	4	2	1	48	-0.01	-10	-10	33	-10	156
VR09300A	-1	0.05	-10	4.37	1220	-1	0.01	23	650	2	4	26	101	-0.01	-10	-10	274	20	154
VR09301A	-1	0.2	-10	0.56	310	11	0.01	104	3280	2	2	2	58	-0.01	-10	10	155	-10	498
VR09303A	1	0.16	-10	1.23	590	54	0.01	198	2450	2	6	1	127	-0.01	-10	10	247	10	2100
VR09304A	-1	0.21	-10	3.19	1115	4	0.02	53	1500	-2	4	17	152	-0.01	-10	-10	189	20	300
VR09305A	-1	0.16	-10	0.37	230	9	-0.01	66	3380	26	4	1	55	-0.01	-10	-10	80	-10	214
VR09306A	-1	0.32	-10	0.24	135	49	0.01	110	1730	18	2	1	33	-0.01	-10	-10	111	-10	814
VR09307A	-1	0.15	-10	0.79	400	18	-0.01	138	4450	4	6	1	184	-0.01	-10	-10	77	-10	712
VR09308A	-1	0.28	-10	0.33	210	36	-0.01	107	870	10	4	2	56	-0.01	-10	-10	80	-10	746
VR09309A	-1	0.15	-10	0.3	190	40	-0.01	106	790	8	4	1	50	-0.01	-10	-10	45	-10	606
VR09310A	1	0.27	-10	0.48	275	38	-0.01	98	1030	8	4	2	91	-0.01	-10	10	78	-10	896
VR09311A	-1	0.17	-10	0.27	180	39	-0.01	103	810	8	4	1	35	-0.01	-10	-10	41	-10	658
VR09312A	1	0.3	-10	0.35	205	29	-0.01	90	1710	14	4	1	46	-0.01	-10	-10	74	-10	638
VR09313A	-1	0.23	-10	0.36	195	21	-0.01	90	2460	12	4	1	64	-0.01	-10	-10	43	-10	486
VR09314A	-1	0.24	-10	0.27	170	43	0.01	106	750	10	4	1	39	-0.01	-10	10	63	-10	688
VR09315A	-1	0.2	-10	0.35	170	29	0.01	88	990	14	2	1	36	-0.01	-10	-10	37	-10	492
VR09316A	-1	0.23	-10	0.41	270	41	0.01	103	840	8	4	1	57	-0.01	-10	-10	59	-10	566
VR09317A	-1	0.24	-10	0.43	255	17	-0.01	68	1530	8	2	1	61	-0.01	-10	-10	41	-10	414
VR09318A	-1	0.29	-10	0.32	160	13	0.01	52	1470	8	2	1	49	-0.01	-10	-10	70	-10	380
VR09319A	-1	0.2	-10	0.24	120	12	0.01	57	2510	6	2	1	55	-0.01	-10	-10	47	-10	368
VR09320A	1	0.31	10	0.31	170	28	-0.01	81	1750	10	6	1	44	-0.01	-10	-10	119	-10	826
VR09321A	1	0.29	10	0.35	215	28	-0.01	82	1670	18	2	1	52	-0.01	-10	-10	105	-10	780
VR09322A	-1	0.38	10	0.42	245	3	0.01	48	390	10	2	2	33	-0.01	-10	-10	37	-10	194
VR09323A	-1	0.17	10	0.31	190	7	-0.01	55	350	8	2	1	23	-0.01	-10	-10	17	-10	240
VR09324A	-1	0.36	10	0.45	255	2	0.01	43	700	14	2	2	33	-0.01	-10	-10	32	-10	128
VR09325A	1	0.17	-10	0.38	230	20	-0.01	70	820	20	2	1	37	-0.01	-10	-10	30	-10	382
VR09326A	-1	0.31	10	0.47	225	2	0.01	49	340	-2	2	1	21	-0.01	-10	-10	26	-10	156
VR09327A	-1	0.15	-10	0.53	350	4	-0.01	56	430	-2	2	1	26	-0.01	-10	-10	19	-10	186
VR09328A	-1	0.33	10	0.44	275	2	0.01	51	340	-2	4	2	15	-0.01	-10	-10	29	-10	152
VR09329A	-1	0.29	-10	0.48	255	1	0.01	46	360	-2	-2	1	26	-0.01	-10	-10	25	-10	106
VR09330A	-1	0.31	10	0.6	480	2	0.02	41	370	2	2	1	35	-0.01	-10	-10	28	-10	104

Hole No.	From (m)	To (m)	Lithology	Chemex Certificate No.	Sample Number	Au ppb (5ppb)	Ag ppm (.2ppm)	Al % (0.01%)	As ppm (2ppm)	Ba ppm (10ppm)	Be ppm (.5ppm)	Bi ppm (2ppm)	Ca % (0.01%)	Cd ppm (.5ppm)	Co ppm (1ppm)	Cr ppm (1ppm)	Cu ppm (1ppm)	Fe % (0.01%)	Ga ppm (10ppm)
9480-03	3.1	4	GS/GQ	A9427442	VR09451A	-5	-0.2	0.59	28	270	-0.5	-2	0.07	-0.5	2	129	3	0.65	-10
9480-03	4	7	GS/GQ	A9427442	VR09452A	5	0.8	0.55	50	260	-0.5	-2	0.02	-0.5	1	187	25	0.99	-10
9480-03	7	11.3	GS/GQ	A9427442	VR09453A	-5	0.2	1.08	52	420	-0.5	-2	0.1	-0.5	2	194	48	1.55	-10
9480-03	11.3	15	QMS/GQ	A9427442	VR09454A	-5	0.2	2.69	120	480	-0.5	-2	0.23	0.5	9	220	103	3.46	-10
9480-03	15	17.7	QMS/GQ	A9427442	VR09455A	20	0.4	1.32	164	380	-0.5	2	0.1	0.5	5	215	128	3.08	-10
9480-03	17.7	24.3	QMS/GQ	A9427442	VR09456A	-5	-0.2	2.51	162	350	-0.5	-2	0.15	1	7	305	179	3.41	-10
9480-03	24.3	29.6	QMS-BX	A9427442	VR09457A	-5	0.2	2.58	822	180	-0.5	-2	0.21	4.5	12	3210	254	7.75	-10
9480-03	29.6	32.6	QMS-BX	A9427442	VR09458A	-5	-0.2	2.47	894	250	-0.5	-2	0.3	3	15	3000	179	6	-10
9480-03	32.6	35.7	QMS-BX	A9427442	VR09459A	-5	-0.2	3.48	358	270	-0.5	4	0.24	1.5	11	2040	199	2.44	-10
9480-03	35.7	36.9	UM	A9427442	VR09460A	-5	-0.2	1.32	226	30	-0.5	-2	0.55	2.5	61	2680	55	3.5	-10
9480-03	36.9	38.4	UM	A9427442	VR09461A	-5	-0.2	0.99	212	-10	-0.5	-2	1.17	-0.5	60	1845	7	3.36	-10
9480-03	38.4	39.9	UM	A9427442	VR09462A	-5	-0.2	0.82	498	10	-0.5	-2	1.88	-0.5	58	1790	-1	2.96	-10
9480-03	39.9	41.4	UM	A9427442	VR09463A	15	-0.2	0.87	390	-10	-0.5	-2	1.09	-0.5	55	1865	-1	3.09	-10
9480-03	41.4	42.9	UM	A9427442	VR09464A	15	-0.2	0.95	304	10	-0.5	-2	1.33	-0.5	61	1960	5	3.4	-10
9480-03	42.9	44.4	UM	A9427442	VR09465A	-5	-0.2	0.9	308	10	-0.5	-2	1.3	-0.5	60	1855	-1	3.5	-10
9480-03	44.4	45.9	UM	A9427442	VR09466A	-5	-0.2	0.93	280	-10	-0.5	-2	1.18	-0.5	68	2060	-1	3.42	-10
9480-03	45.9	47.3	UM	A9427442	VR09467A	-5	-0.2	0.99	182	-10	-0.5	-2	2.29	-0.5	57	1955	8	3.29	-10
9480-03	47.3	48.8	UM	A9427442	VR09468A	-5	-0.2	1.12	122	-10	-0.5	-2	2.41	-0.5	39	1115	23	2.86	-10
9480-03	48.8	50.3	UM	A9427442	VR09469A	-5	-0.2	2.28	110	-10	-0.5	-2	2.05	0.5	45	839	2	3.09	-10
9480-03	50.3	51.8	UM	A9427442	VR09470A	-5	-0.2	3.14	90	10	-0.5	-2	1.74	0.5	58	312	-1	3.35	-10
9480-03	51.8	53.3	UM	A9427442	VR09471A	-5	-0.2	1.46	230	-10	-0.5	-2	0.73	-0.5	54	1730	12	3.27	-10
9480-03	53.3	54.8	UM	A9427442	VR09472A	-5	-0.2	1.19	360	10	-0.5	-2	0.25	-0.5	54	1865	6	2.87	-10
9480-03	54.8	56.3	UM	A9427442	VR09473A	-5	-0.2	0.68	206	-10	-0.5	-2	2.43	-0.5	40	1220	43	2.29	-10
9480-03	56.3	57.8	UM	A9427442	VR09474A	-5	-0.2	0.72	194	10	-0.5	2	2.48	-0.5	44	1440	11	3.02	-10
9480-03	57.8	59	UM	A9427442	VR09475A	-5	-0.2	0.68	246	-10	-0.5	-2	0.61	-0.5	63	1850	6	3.12	-10
9480-03	59	60.1	UM	A9427442	VR09476A	-5	-0.2	0.62	250	10	-0.5	-2	1.48	-0.5	57	1615	2	2.91	-10
9480-03	60.1	61.3	UM	A9427442	VR09477A	-5	-0.2	0.86	230	-10	-0.5	-2	1.05	-0.5	57	1755	6	2.96	-10
9480-03	61.3	63	UM	A9427442	VR09478A	-5	-0.2	1.04	270	10	-0.5	2	0.74	-0.5	48	2030	1	3.13	-10
9480-03	63	64.2	UM	A9427442	VR09479A	-5	-0.2	0.75	180	10	-0.5	-2	2.36	-0.5	46	1620	-1	3.05	-10
9480-03	64.2	66.1	UM	A9427442	VR09480A	-5	-0.2	0.62	450	10	-0.5	-2	2.1	-0.5	50	1440	1	2.8	-10
9480-03	66.1	67.3	UM	A9427442	VR09481A	-5	-0.2	0.67	1280	-10	-0.5	-2	0.88	-0.5	69	1365	1	2.81	-10
9480-03	67.3	68.6	UM	A9427442	VR09482A	-5	-0.2	0.69	630	-10	-0.5	-2	1.52	-0.5	46	1250	3	2.67	-10
9480-03	68.6	69.9	UM	A9427442	VR09483A	-5	-0.2	0.69	370	-10	-0.5	-2	0.98	-0.5	46	1490	30	2.57	-10
9480-03	69.9	71.3	UM	A9427442	VR09484A	25	-0.2	0.55	330	-10	-0.5	-2	1.05	-0.5	44	1195	15	2.4	-10
9480-03	71.3	72.5	UM	A9427442	VR09485A	-5	-0.2	0.79	610	-10	-0.5	-2	1.83	-0.5	45	1735	10	2.93	-10
9480-03	72.5	74	UM	A9427442	VR09486A	-5	-0.2	1.35	480	30	-0.5	-2	5.64	-0.5	33	1655	7	2.55	-10
9480-03	74	76.8	QMS	A9427442	VR09487A	-5	-0.2	3.55	30	250	-0.5	-2	1.76	1	15	153	51	3.39	-10
9480-03	76.8	78.3	QMS	A9427442	VR09488A	-5	-0.2	1.97	36	350	-0.5	-2	6.55	1.5	11	104	43	2.51	-10
9480-03	78.3	79.6	QMS	A9427442	VR09489A	-5	0.2	1.31	46	450	-0.5	-2	1.85	0.5	8	170	45	1.83	-10
9480-03	79.6	80.9	QMS	A9427442	VR09490A	-5	0.2	2.36	108	220	-0.5	-2	4.93	0.5	10	82	53	3.46	-10
9480-03	80.9	82.4	GS/GQ	A9427442	VR09491A	-5	0.6	0.67	92	260	-0.5	-2	0.7	-0.5	7	249	79	2.92	-10
9480-03	82.4	83.8	GS/GQ	A9427442	VR09492A	-5	0.6	0.65	34	350	-0.5	-2	0.48	-0.5	2	209	21	1.34	-10
9480-03	83.8	86.1	GS/GQ	A9427442	VR09493A	-5	0.2	1.7	154	310	-0.5	-2	3.14	1	10	309	32	3.59	-10
9480-03	86.1	88.1	GS/GQ	A9427442	VR09494A	-5	0.2	1.82	74	280	-0.5	-2	3.25	-0.5	11	311	42	2.83	-10

Sample Number	Hg ppm (1ppm)	K % (.01%)	La ppm (10ppm)	Mg % (0.01%)	Mn ppm (5ppm)	Mo ppm (1ppm)	Na % (.01%)	Ni ppm (1ppm)	P ppm (10ppm)	Pb ppm (2ppm)	Sb ppm (2ppm)	Sc ppm (1ppm)	Sr ppm (1ppm)	Ti % (.01%)	Tl ppm (10ppm)	U ppm (10ppm)	V ppm (1ppm)	W ppm (10ppm)	Zn ppm (2ppm)
VR09451A	-1	0.41	10	0.09	30	4	-0.01	6	100	4	-2	1	7	-0.01	-10	-10	21	-10	20
VR09452A	-1	0.37	10	0.05	15	4	-0.01	6	270	14	2	1	4	-0.01	-10	-10	27	-10	14
VR09453A	-1	0.31	10	0.2	50	1	-0.01	15	290	-2	2	2	11	-0.01	-10	-10	27	-10	30
VR09454A	-1	0.22	10	0.78	185	3	-0.01	62	940	8	2	5	15	-0.01	-10	-10	42	-10	114
VR09455A	-1	0.28	10	0.26	95	5	-0.01	36	860	8	4	2	13	-0.01	-10	-10	66	-10	128
VR09456A	-1	0.2	-10	0.64	130	2	-0.01	52	810	-2	-2	6	12	-0.01	-10	-10	46	-10	228
VR09457A	-1	-0.01	-10	1.48	200	5	-0.01	133	2940	-2	-2	15	28	-0.01	-10	-10	173	-10	250
VR09458A	-1	-0.01	-10	2.2	190	4	-0.01	241	2970	-2	-2	13	197	-0.01	-10	-10	182	-10	224
VR09459A	-1	-0.01	-10	2.97	145	-1	-0.01	337	1170	-2	-2	8	214	-0.01	-10	-10	119	-10	118
VR09460A	-1	-0.01	-10	8.99	365	-1	-0.01	939	160	-2	-2	12	20	-0.01	-10	-10	65	-10	112
VR09461A	-1	-0.01	-10	11.85	700	-1	-0.01	861	20	-2	-2	9	35	-0.01	-10	-10	44	-10	32
VR09462A	-1	-0.01	-10	12.45	685	-1	-0.01	804	-10	-2	-2	7	93	-0.01	-10	-10	36	-10	26
VR09463A	-1	-0.01	-10	12.5	570	-1	-0.01	790	10	-2	-2	8	52	-0.01	-10	-10	36	-10	26
VR09464A	-1	-0.01	-10	13	685	-1	-0.01	901	10	-2	-2	9	47	-0.01	-10	-10	43	-10	30
VR09465A	-1	-0.01	-10	14.45	540	-1	-0.01	1005	10	-2	-2	8	62	-0.01	-10	-10	43	-10	32
VR09466A	-1	-0.01	-10	13.65	445	-1	-0.01	1115	-10	-2	-2	8	53	-0.01	-10	-10	45	-10	34
VR09467A	-1	-0.01	-10	13.45	530	-1	-0.01	875	-10	-2	-2	9	122	-0.01	-10	-10	47	-10	30
VR09468A	-1	-0.01	-10	11.2	635	-1	-0.01	581	-10	-2	-2	11	115	-0.01	-10	-10	39	-10	20
VR09469A	-1	-0.01	-10	12.4	595	-1	-0.01	686	-10	-2	-2	13	115	-0.01	-10	-10	53	-10	24
VR09470A	-1	-0.01	-10	12.65	650	-1	-0.01	656	-10	-2	2	11	113	-0.01	-10	-10	64	-10	26
VR09471A	-1	-0.01	-10	10.8	565	-1	-0.01	661	-10	-2	-2	10	39	-0.01	-10	-10	48	-10	20
VR09472A	-1	-0.01	-10	8.91	510	-1	-0.01	618	-10	-2	-2	9	12	-0.01	-10	-10	48	-10	20
VR09473A	-1	-0.01	-10	7.51	705	-1	-0.01	519	-10	-2	-2	6	172	-0.01	-10	-10	28	-10	16
VR09474A	-1	-0.01	-10	13.2	705	-1	-0.01	700	-10	-2	-2	7	145	-0.01	-10	-10	35	-10	24
VR09475A	-1	-0.01	-10	14.3	420	-1	-0.01	1040	-10	-2	-2	7	41	-0.01	-10	-10	34	-10	26
VR09476A	-1	-0.01	-10	14.2	675	-1	-0.01	920	-10	-2	-2	7	119	-0.01	-10	-10	31	-10	32
VR09477A	-1	-0.01	-10	12.15	630	-1	-0.01	765	-10	-2	-2	8	71	-0.01	-10	-10	39	-10	36
VR09478A	-1	-0.01	-10	13.3	630	-1	-0.01	732	10	-2	-2	9	38	-0.01	-10	-10	43	-10	30
VR09479A	-1	-0.01	-10	14.15	650	-1	-0.01	747	-10	-2	-2	7	220	-0.01	-10	-10	35	-10	26
VR09480A	-1	-0.01	-10	11.85	595	-1	-0.01	697	-10	-2	-2	6	185	-0.01	-10	-10	28	-10	20
VR09481A	-1	-0.01	-10	10.45	680	-1	-0.01	976	-10	-2	-2	6	51	-0.01	-10	-10	25	-10	16
VR09482A	-1	-0.01	-10	9.94	650	-1	-0.01	603	-10	-2	-2	6	108	-0.01	-10	-10	24	-10	14
VR09483A	-1	-0.01	-10	7.16	430	-1	-0.01	706	-10	-2	-2	5	59	-0.01	-10	-10	26	-10	14
VR09484A	-1	-0.01	-10	8.13	420	-1	-0.01	594	-10	-2	-2	5	67	-0.01	-10	-10	24	-10	18
VR09485A	-1	-0.01	-10	11.05	710	-1	-0.01	624	-10	-2	-2	7	118	-0.01	-10	-10	34	-10	42
VR09486A	-1	-0.01	-10	8.58	865	-1	-0.01	515	10	-2	-2	8	336	-0.01	-10	-10	44	-10	142
VR09487A	-1	0.17	-10	3.74	755	-1	0.01	200	690	4	2	9	62	-0.01	-10	-10	65	-10	184
VR09488A	-1	0.23	-10	3.66	1315	1	0.01	124	450	4	2	4	132	-0.01	-10	-10	27	-10	160
VR09489A	-1	0.24	-10	1.13	855	1	-0.01	93	420	4	2	2	44	-0.01	-10	-10	15	-10	100
VR09490A	-1	0.24	-10	3.19	1150	-1	0.01	39	830	6	6	7	175	-0.01	-10	-10	38	-10	152
VR09491A	-1	0.29	-10	0.11	75	7	-0.01	30	340	4	2	1	38	-0.01	-10	-10	29	-10	128
VR09492A	-1	0.36	10	0.07	35	3	0.01	6	150	-2	2	1	27	-0.01	-10	-10	15	-10	52
VR09493A	-1	0.25	-10	2.12	790	2	-0.01	118	400	10	2	3	179	-0.01	-10	-10	42	-10	246
VR09494A	-1	0.27	-10	2.02	790	1	-0.01	69	450	10	4	3	184	-0.01	-10	-10	29	-10	56

Hole No.	From (m)	To (m)	Lithology	Chemex Certificate No.	Sample Number	Au ppb (5ppb)	Ag ppm (.2ppm)	Al % (0.01%)	As ppm (2ppm)	Ba ppm (10ppm)	Be ppm (.5ppm)	Bi ppm (2ppm)	Ca % (0.01%)	Cd ppm (.5ppm)	Co ppm (1ppm)	Cr ppm (1ppm)	Cu ppm (1ppm)	Fe % (0.01%)	Ga ppm (10ppm)
9480-03	88.1	89.8	GS/GQ	A9427442	VR09495A	-5	0.2	3.15	326	200	-0.5	-2	3.13	-0.5	11	107	88	3.44	-10
9480-03	89.8	90.9	GS/GQ	A9427442	VR09496A	-5	0.2	1.64	1050	370	-0.5	-2	4.88	-0.5	8	182	65	3.75	-10
9480-03	90.9	92.9	GS/GQ	A9427442	VR09497A	-5	0.2	1.44	66	420	-0.5	-2	1.1	-0.5	12	244	51	2.61	-10
9480-03	92.9	94.7	GS/GQ	A9427442	VR09498A	-5	0.2	1.62	178	340	-0.5	-2	2.53	-0.5	9	204	26	2.78	-10
9480-03	94.7	96.5	GS/GQ	A9427442	VR09499A	-5	-0.2	2.04	38	370	-0.5	-2	1.45	-0.5	13	201	45	2.97	10
9480-03	96.5	98.5	QMS	A9427442	VR09500A	-5	-0.2	1.94	38	320	-0.5	-2	2.4	-0.5	9	122	59	2.94	10
9480-03	98.5	100.3	QMS	A9427442	VR09501A	-5	-0.2	2.87	44	270	-0.5	-2	3.67	-0.5	11	111	62	3.04	10
9480-03	100.3	102	QMS	A9427442	VR09502A	-5	0.6	1.07	22	300	-0.5	-2	0.85	3	7	307	70	2.29	-10
9480-03	102	103.8	QMS	A9427442	VR09503A	-5	0.2	2.47	154	360	-0.5	-2	3.04	-0.5	17	193	77	3.91	10
9480-03	103.8	105.1	QMS	A9427442	VR09504A	-5	-0.2	0.66	36	1140	-0.5	-2	8.35	0.5	6	186	7	1.8	-10
9480-03	105.1	105.9	QMS	A9427442	VR09505A	-5	0.2	2.55	150	390	-0.5	-2	6.15	-0.5	13	136	38	2.62	-10
9480-03	105.9	107.2	QMS	A9427442	VR09506A	-5	0.4	1.6	36	610	-0.5	-2	1.94	-0.5	10	159	23	2.45	-10
9480-03	107.2	108.4	QMS	A9427442	VR09507A	-5	-0.2	3.15	804	190	-0.5	-2	7.22	-0.5	39	667	-1	5.72	10
9480-03	108.4	109.2	QMS	A9427442	VR09508A	-5	-0.2	2.22	50	350	-0.5	-2	9.07	0.5	9	107	17	3.3	-10
9480-03	109.2	110.1	QMS	A9427442	VR09509A	-5	0.2	2.94	136	270	-0.5	-2	4.47	-0.5	21	255	54	3.39	10
9480-03	110.1	111.8	QMS	A9427442	VR09510A	-5	-0.2	2.92	294	90	-0.5	-2	6.48	-0.5	42	1275	-1	3.46	-10
9480-03	111.8	112.6	QMS	A9427442	VR09511A	-5	-0.2	1.87	30	510	-0.5	-2	1.49	-0.5	13	209	41	2.26	-10
9480-03	112.6	114.7	QMS	A9427442	VR09512A	-5	0.2	1.22	124	520	-0.5	-2	2.39	-0.5	10	202	35	2.03	-10
9480-03	114.7	116.7	QMS	A9427442	VR09513A	-5	0.6	0.7	244	90	-0.5	-2	1.87	1	10	300	87	2.99	-10
9480-03	116.7	117.3	QMS	A9427442	VR09514A	-5	-0.2	2.03	130	150	-0.5	-2	5.13	-0.5	21	227	51	3.68	-10
9480-03	117.3	119.3	QMS	A9427442	VR09515A	-5	-0.2	1.56	60	310	-0.5	-2	3.3	-0.5	14	272	21	2.38	-10
9480-03	119.3	121	QMS	A9427442	VR09516A	-5	-0.2	1.15	80	630	-0.5	-2	2.23	-0.5	14	237	17	1.58	-10
9480-03	121	122.1	QMS	A9427442	VR09517A	-5	0.6	1.96	228	380	-0.5	-2	4.97	-0.5	22	184	182	3.03	-10
9480-03	122.1	124.4	QMS	A9427442	VR09518A	-5	0.2	1.26	128	230	-0.5	-2	7.52	-0.5	14	164	47	3.07	-10
9480-03	124.4	125.5	QMS	A9427442	VR09519A	-5	-0.2	1.46	38	420	-0.5	-2	3.54	0.5	14	217	36	1.98	-10
9480-03	125.5	126.8	QMS	A9427442	VR09520A	-5	-0.2	1.78	74	340	-0.5	-2	4.66	-0.5	17	158	37	2.06	-10
9480-03	126.8	128	QMS	A9427442	VR09521A	-5	-0.2	1.17	56	650	-0.5	-2	5.13	-0.5	11	172	13	1.61	-10
9480-03	128	129.4	QMS	A9427442	VR09522A	-5	-0.2	1.95	80	320	-0.5	-2	3.59	-0.5	18	188	39	1.91	-10
9480-03	129.4	130.9	QMS	A9427442	VR09523A	-5	-0.2	1.43	76	380	-0.5	-2	3.06	-0.5	20	286	14	1.73	-10
9480-03	130.9	132	QMS	A9427442	VR09524A	-5	0.2	2.56	64	180	-0.5	-2	7.13	-0.5	19	235	73	2.85	-10
9480-03	132	133.2	QMS	A9427442	VR09525A	-5	0.2	3.41	96	590	-0.5	-2	7.38	0.5	19	288	33	2.78	10
9480-03	133.2	134.4	QMS	A9427442	VR09526A	-5	0.2	3.41	90	150	-0.5	-2	5.83	-0.5	23	278	72	3.4	10
9480-03	134.4	136.3	QMS	A9427442	VR09527A	-5	-0.2	2.67	30	320	-0.5	-2	3.18	-0.5	15	200	61	2.94	10
9480-03	136.3	138.1	QMS	A9427442	VR09528A	-5	-0.2	3.45	16	360	-0.5	-2	3.27	-0.5	13	109	66	3.15	10
9480-03	138.1	139.3	QMS	A9427442	VR09529A	-5	-0.2	3.16	14	340	-0.5	-2	3.94	-0.5	13	118	65	3.21	10
9480-03	139.3	140.5	QMS	A9427442	VR09530A	-5	-0.2	2.56	8	310	-0.5	-2	3.01	-0.5	10	105	76	3.14	10
9480-03	140.5	142.3	QMS	A9427442	VR09531A	15	-0.2	3.04	2	260	-0.5	-2	2.59	-0.5	13	107	102	3.88	10
9480-03	142.3	144.1	QMS	A9427442	VR09532A	-5	-0.2	3.33	14	240	-0.5	-2	4.14	-0.5	9	69	58	2.3	10
9480-03	144.1	145.9	QMS	A9427442	VR09533A	-5	-0.2	1.27	16	230	-0.5	-2	10.3	-0.5	6	70	40	2.79	-10
9480-03	145.9	146.3	QMS	A9427442	VR09534A	-5	-0.2	3.15	24	260	-0.5	-2	3.04	-0.5	9	77	55	1.68	10
9480-03	146.3	148	QMS	A9427442	VR09535A	-5	0.2	2.78	90	210	-0.5	-2	4.64	-0.5	12	96	73	3.08	10
9480-03	148	149.4	GS/GQ	A9427442	VR09536A	-5	-0.2	2.42	36	290	-0.5	-2	1.61	-0.5	9	79	61	3.14	10
9480-03	149.4	150.9	GS/GQ	A9427442	VR09537A	-5	0.4	2.81	66	270	-0.5	-2	2.05	-0.5	10	80	75	3.64	10
9480-03	150.9	152.4	GS/GQ	A9427442	VR09538A	75	0.2	3.08	584	240	-0.5	-2	2.36	-0.5	11	81	66	3.57	10

Sample Number	Hg ppm (1ppm)	K % (.01%)	La ppm (10ppm)	Mg % (0.01%)	Mn ppm (5ppm)	Mo ppm (1ppm)	Na % (.01%)	Ni ppm (1ppm)	P ppm (10ppm)	Pb ppm (2ppm)	Sb ppm (2ppm)	Sc ppm (1ppm)	Sr ppm (1ppm)	Ti % (.01%)	Tl ppm (10ppm)	U ppm (10ppm)	V ppm (1ppm)	W ppm (10ppm)	Zn ppm (2ppm)
VR09495A	-1	0.21	-10	1.7	820	-1	0.01	22	600	4	2	6	197	-0.01	-10	-10	31	-10	82
VR09496A	-1	0.31	-10	2.26	990	-1	0.01	14	490	2	4	4	391	-0.01	-10	-10	19	-10	58
VR09497A	-1	0.38	10	0.74	390	2	-0.01	52	710	8	2	2	71	-0.01	-10	-10	32	-10	88
VR09498A	-1	0.4	10	1.41	670	-1	-0.01	53	490	20	2	3	132	-0.01	-10	-10	20	-10	62
VR09499A	-1	0.34	10	1.26	560	1	0.01	64	490	6	-2	2	65	-0.01	-10	-10	24	-10	74
VR09500A	-1	0.38	10	1.05	810	1	0.02	12	520	4	6	4	110	-0.01	-10	-10	21	-10	56
VR09501A	-1	0.29	10	1.39	855	1	0.01	18	670	2	4	5	124	-0.01	-10	-10	29	-10	96
VR09502A	-1	0.36	-10	0.43	220	22	-0.01	51	990	14	2	2	41	-0.01	-10	-10	75	-10	304
VR09503A	-1	0.29	-10	1.89	1205	2	0.01	57	860	6	4	5	140	-0.01	-10	-10	42	-10	246
VR09504A	-1	0.15	-10	3.28	1030	-1	-0.01	21	550	6	2	2	250	-0.01	-10	-10	11	-10	32
VR09505A	-1	0.24	-10	2.42	1095	2	0.01	32	720	8	2	4	192	-0.01	-10	-10	18	-10	86
VR09506A	-1	0.43	10	1.09	525	1	-0.01	40	520	14	2	2	70	-0.01	-10	-10	19	-10	86
VR09507A	-1	0.22	-10	4.14	1335	-1	0.01	566	440	6	2	7	373	-0.01	-10	-10	58	-10	204
VR09508A	-1	0.22	-10	3.89	1540	-1	0.02	36	600	8	2	6	271	-0.01	-10	-10	28	-10	52
VR09509A	-1	0.16	-10	3.49	955	1	0.01	183	800	6	4	8	180	-0.01	-10	-10	54	-10	84
VR09510A	-1	-0.01	-10	7.54	910	-1	-0.01	642	140	-2	-2	11	372	-0.01	-10	-10	71	-10	68
VR09511A	-1	0.22	-10	1.4	860	2	-0.01	49	410	2	2	3	73	-0.01	-10	-10	22	-10	60
VR09512A	-1	0.21	-10	1.3	955	1	-0.01	56	380	2	2	3	84	-0.01	-10	-10	17	-10	48
VR09513A	-1	0.25	-10	0.63	465	8	-0.01	58	1620	10	4	2	64	-0.01	-10	-10	59	-10	192
VR09514A	-1	0.18	-10	2.32	1240	-1	-0.01	112	1020	6	4	10	267	-0.01	-10	-10	47	-10	100
VR09515A	-1	0.14	-10	1.69	1290	2	-0.01	85	630	2	4	6	125	-0.01	-10	-10	37	-10	76
VR09516A	-1	0.23	-10	0.99	1045	-1	-0.01	83	420	-2	2	3	81	-0.01	-10	-10	19	-10	84
VR09517A	-1	0.26	-10	2.02	1215	-1	0.01	106	770	-2	2	8	180	-0.01	-10	-10	46	-10	120
VR09518A	-1	0.24	-10	2.96	1430	-1	0.01	57	900	-2	-2	7	315	-0.01	-10	-10	30	-10	74
VR09519A	-1	0.18	-10	1.66	1670	1	0.01	56	430	2	4	4	130	-0.01	-10	-10	20	-10	78
VR09520A	-1	0.17	-10	1.75	1680	-1	-0.01	72	590	6	2	6	199	-0.01	-10	-10	20	-10	90
VR09521A	-1	0.14	-10	1.76	1605	-1	-0.01	42	370	2	2	4	199	-0.01	-10	-10	16	-10	58
VR09522A	-1	0.14	-10	1.72	1335	-1	-0.01	71	500	-2	4	6	117	-0.01	-10	-10	26	-10	96
VR09523A	-1	0.2	-10	1.3	1120	-1	-0.01	80	600	-2	2	4	121	-0.01	-10	-10	14	-10	84
VR09524A	-1	0.1	-10	2.88	1715	1	0.01	79	720	-2	2	10	218	-0.01	-10	-10	58	-10	110
VR09525A	-1	0.08	-10	3.04	1565	1	0.01	86	720	6	-2	10	198	-0.01	-10	-10	67	-10	104
VR09526A	-1	0.07	-10	2.72	1330	-1	-0.01	100	780	-2	2	11	176	-0.01	-10	-10	72	-10	100
VR09527A	-1	0.17	-10	1.5	1420	-1	0.01	29	480	-2	4	9	105	-0.01	-10	-10	57	-10	70
VR09528A	-1	0.23	-10	1.48	1155	1	0.02	17	620	4	4	8	131	-0.01	-10	-10	40	-10	64
VR09529A	-1	0.24	-10	1.56	1235	4	0.01	32	690	6	4	6	143	-0.01	-10	-10	33	-10	68
VR09530A	-1	0.26	10	1.13	1010	-1	0.02	16	590	8	2	8	114	-0.01	-10	-10	41	-10	60
VR09531A	-1	0.26	10	1.3	975	-1	0.02	18	710	4	2	10	106	-0.01	-10	-10	54	-10	72
VR09532A	-1	0.25	10	1.71	785	-1	0.02	10	610	6	2	8	166	-0.01	-10	-10	31	-10	52
VR09533A	-1	0.22	-10	3.89	1630	-1	0.01	8	310	6	4	4	388	-0.01	-10	-10	20	-10	36
VR09534A	-1	0.28	10	1.22	665	-1	0.02	13	530	6	4	5	136	-0.01	-10	-10	24	-10	46
VR09535A	-1	0.32	10	1.53	1135	-1	0.01	12	620	12	4	6	215	-0.01	-10	-10	30	-10	66
VR09536A	-1	0.39	-10	0.81	620	-1	0.02	10	570	6	4	4	76	-0.01	-10	-10	21	-10	62
VR09537A	-1	0.34	10	1.05	710	1	0.02	12	540	6	4	5	113	-0.01	-10	-10	23	-10	68
VR09538A	-1	0.33	-10	1.23	695	-1	0.01	15	560	4	4	4	119	-0.01	-10	-10	19	-10	76

Hole No.	From (m)	To (m)	Lithology	Chemex Certificate No.	Sample Number	Au ppb (5ppb)	Ag ppm (.2ppm)	Al % (0.01%)	As ppm (2ppm)	Ba ppm (10ppm)	Be ppm (.5ppm)	Bi ppm (2ppm)	Ca % (0.01%)	Cd ppm (.5ppm)	Co ppm (1ppm)	Cr ppm (1ppm)	Cu ppm (1ppm)	Fe % (0.01%)	Ga ppm (10ppm)
9480-03	152.4	153.4	GS/GQ	A9427442	VR09539A	-5	0.2	2.31	76	270	-0.5	-2	1.75	-0.5	13	150	42	3.09	10
9480-03	153.4	154.5	GS/GQ	A9427442	VR09540A	-5	0.2	2.37	96	210	-0.5	-2	2.68	-0.5	16	215	21	3.12	10
9480-03	154.5	156.1	GS/GQ	A9427442	VR09541A	-5	0.2	1.6	52	230	-0.5	-2	3.49	-0.5	12	159	29	2.78	-10
9480-03	156.1	157.4	GS/GQ	A9427442	VR09542A	-5	0.2	1.27	330	190	-0.5	-2	1.7	-0.5	11	160	40	2.82	-10
9480-03	157.4	157.9	GS-BX	A9427442	VR02269A	75	-0.2	0.86	2100	170	-0.5	-2	6.05	-0.5	23	185	17	3.06	-10
9480-03	157.9	158.4	GS/GQ	A9427442	VR09543A	20	0.2	1.83	782	150	-0.5	-2	2.32	-0.5	15	140	43	4.13	-10
9480-03	158.4	159.6	GS/GQ	A9427442	VR09544A	50	0.2	1.09	872	260	-0.5	-2	3.6	-0.5	10	150	23	2.88	-10
9480-03	159.6	161.2	GS/GQ	A9427442	VR09545A	-5	0.2	1.12	194	280	-0.5	-2	1.86	-0.5	11	152	40	2.45	10
9480-03	161.2	163	GS/GQ	A9427442	VR09546A	-5	0.2	1.56	150	300	-0.5	-2	1.3	-0.5	10	142	36	3.02	10
9480-03	163	165	GS/GQ	A9427442	VR09547A	-5	0.2	1.63	72	250	-0.5	-2	0.94	-0.5	10	148	32	2.83	10
9480-03	165	166.5	GS/GQ	A9427442	VR09548A	-5	0.2	1.79	158	290	-0.5	-2	0.84	-0.5	11	157	43	2.98	10
9480-03	166.5	167.9	GS/GQ	A9427442	VR09549A	30	0.4	1.33	1230	260	-0.5	-2	1.55	-0.5	10	172	51	2.76	10
9480-03	167.9	169.8	GS/GQ	A9427442	VR09550A	70	0.8	0.61	3690	100	-0.5	-2	3.13	-0.5	12	166	91	3.15	-10
9480-03	169.8	170.2	GS/GQ	A9427442	VR09551A	-5	1.2	0.8	214	230	-0.5	-2	0.99	4	9	217	109	2.32	-10
9480-03	170.2	170.6	GS/GQ	A9427442	VR09552A	-5	0.8	0.78	82	210	-0.5	-2	0.41	-0.5	8	162	74	2.26	-10
9480-03	170.6	172.1	GS/GQ	A9427442	VR09553A	-5	1.4	0.52	440	170	-0.5	-2	1.09	-0.5	8	205	78	2.17	-10
9480-03	172.1	173.7	GS/GQ	A9427442	VR09554A	-5	3	0.48	458	130	-0.5	2	0.53	-0.5	9	156	109	2.75	-10
9480-03	173.7	175.5	GS/GQ	A9427442	VR09555A	-5	1.4	0.64	306	140	-0.5	-2	0.93	1	8	221	74	2.49	-10
9480-03	175.5	176	GS/GQ	A9427442	VR09556A	-5	1.8	0.76	292	200	-0.5	2	1.17	6	6	268	93	2.17	-10
9480-03	176	178.2	GS/GQ	A9427442	VR09557A	-5	0.6	0.35	84	270	-0.5	-2	0.84	1	3	233	45	1.3	-10
9480-03	178.2	179.5	GS/GQ	A9427442	VR09558A	-5	0.6	0.3	94	150	-0.5	-2	0.96	-0.5	6	226	52	1.19	-10
9480-03	179.5	181.2	GS/GQ	A9427442	VR09559A	-5	0.4	0.24	42	80	-0.5	-2	0.8	-0.5	4	214	18	1.03	-10
9480-03	181.2	182.3	GS/GQ	A9427442	VR09560A	-5	0.4	4.08	76	240	-0.5	-2	3.49	-0.5	33	270	57	6.36	20
9480-03	182.3	183.9	GS-BX	A9427442	VR09561A	-5	1.4	1.53	90	210	-0.5	2	1.71	4.5	10	246	67	3.27	10
9480-03	183.9	185	GS-BX	A9427442	VR09562A	-5	1.2	1.28	4	200	-0.5	-2	0.75	0.5	9	152	43	2.87	-10
9480-03	185	186.9	GS-BX	A9427442	VR09563A	-5	1.4	0.64	174	130	-0.5	2	1.38	2.5	7	235	73	2.1	-10
9480-03	186.9	188.1	GS/GQ	A9427442	VR09564A	-5	0.6	0.26	24	80	-0.5	-2	0.87	-0.5	5	206	36	1.49	-10
9480-03	188.1	189.3	GS/GQ	A9427442	VR09565A	-5	0.2	0.25	8	160	-0.5	-2	0.69	-0.5	4	246	19	1.13	-10
9480-03	189.3	191.1	GS/GQ	A9427442	VR09566A	-5	0.6	0.34	24	160	-0.5	-2	1.22	0.5	6	240	66	1.8	-10
9480-03	191.1	192.4	GS/GQ	A9427442	VR09567A	-5	1.6	0.49	70	40	-0.5	-2	1.29	3	4	241	84	3.23	-10
9480-03	192.4	193.2	GS/GQ	A9427442	VR09568A	-5	1.2	0.51	94	90	-0.5	2	1.02	7	7	262	69	2.39	-10
9480-03	193.2	195.7	GS/GQ	A9427442	VR09569A	-5	0.8	0.33	28	180	-0.5	-2	1.43	0.5	5	287	89	1.35	-10
9480-03	195.7	197.3	GS/GQ	A9427442	VR09570A	-5	0.4	0.27	36	180	-0.5	-2	0.99	1.5	4	323	26	1.17	-10
9480-03	197.3	198.3	GS/GQ	A9427442	VR09571A	-5	0.4	0.26	10	170	-0.5	-2	1.34	-0.5	3	241	27	1.24	-10
9480-03	198.3	200.3	GS/GQ	A9427442	VR09572A	-5	0.4	0.28	14	170	-0.5	-2	1.42	-0.5	4	260	30	1.32	-10
9480-03	200.3	201.8	GS/GQ	A9427442	VR09573A	-5	0.4	0.32	16	180	-0.5	-2	0.54	-0.5	6	199	29	1.41	-10
9480-03	201.8	203.3	GS/GQ	A9427442	VR09574A	-5	0.4	0.4	30	100	-0.5	-2	0.51	-0.5	4	222	26	1.67	-10
9480-03	203.3	204.3	GS/GQ	A9427442	VR09575A	-5	0.4	0.27	22	170	-0.5	-2	0.42	-0.5	6	171	35	1.5	-10
9480-03	204.3	205.2	GS/GQ	A9427442	VR09576A	-5	0.2	0.25	14	170	-0.5	-2	0.96	-0.5	4	227	29	0.93	-10
9480-03	205.2	206	GS/GQ	A9427442	VR09577A	-5	0.4	0.3	26	170	-0.5	-2	1.08	0.5	4	206	35	1.37	-10
9480-03	206	207.7	GS/GQ	A9427442	VR09578A	-5	1.2	0.91	72	200	-0.5	-2	1.97	1	9	227	86	2.84	-10
9480-03	207.7	209.4	GS-BX	A9427442	VR09579A	-5	0.8	0.48	68	80	-0.5	-2	1.26	1	5	247	70	2.46	-10
9480-03	209.4	210.6	GS/GQ	A9427442	VR09580A	-5	1.2	0.54	88	190	-0.5	-2	1.29	2.5	4	268	89	1.57	-10
9480-03	210.6	210.9	GS/GQ	A9427442	VR09581A	-5	1.2	0.25	42	180	-0.5	-2	0.95	1.5	3	256	62	1.42	-10

Sample Number	Hg ppm (1ppm)	K % (.01%)	La ppm (10ppm)	Mg % (0.01%)	Mn ppm (5ppm)	Mo ppm (1ppm)	Na % (.01%)	Ni ppm (1ppm)	P ppm (10ppm)	Pb ppm (2ppm)	Sb ppm (2ppm)	Sc ppm (1ppm)	Sr ppm (1ppm)	Ti % (.01%)	Tl ppm (10ppm)	U ppm (10ppm)	V ppm (1ppm)	W ppm (10ppm)	Zn ppm (2ppm)
VR09539A	-1	0.31	10	1.35	435	1	0.01	73	490	8	2	3	126	-0.01	-10	-10	23	-10	64
VR09540A	-1	0.24	10	2	710	1	-0.01	123	490	22	-2	3	165	-0.01	-10	-10	32	-10	72
VR09541A	-1	0.27	10	1.89	675	-1	-0.01	65	440	12	2	2	226	-0.01	-10	-10	16	-10	72
VR09542A	-1	0.29	-10	1.26	430	1	-0.01	52	420	12	2	2	158	-0.01	-10	-10	24	-10	140
VR02269A	-1	0.28	-10	3.23	1325	-1	-0.01	305	490	4	4	4	494	-0.01	-10	-10	18	-10	74
VR09543A	-1	0.25	-10	2.22	585	1	-0.01	109	670	-2	4	3	260	-0.01	-10	-10	29	-10	118
VR09544A	-1	0.38	-10	1.91	585	1	-0.01	80	460	14	4	3	257	-0.01	-10	-10	24	-10	90
VR09545A	-1	0.44	10	1.02	315	1	-0.01	48	440	6	4	2	159	-0.01	-10	-10	18	-10	90
VR09546A	-1	0.48	10	0.98	305	1	-0.01	40	570	2	4	2	119	-0.01	-10	-10	24	-10	90
VR09547A	-1	0.42	10	0.95	275	1	-0.01	38	550	4	2	2	85	-0.01	-10	-10	22	-10	80
VR09548A	-1	0.46	10	0.95	235	1	-0.01	42	580	-2	2	2	67	-0.01	-10	-10	25	-10	98
VR09549A	-1	0.42	-10	0.94	360	4	-0.01	49	970	6	4	2	102	-0.01	-10	-10	31	-10	186
VR09550A	-1	0.31	-10	1.19	580	3	-0.01	41	1390	6	8	2	143	-0.01	-10	-10	30	-10	138
VR09551A	-1	0.34	-10	0.56	390	15	-0.01	66	430	6	4	2	90	-0.01	-10	-10	77	-10	480
VR09552A	-1	0.35	-10	0.35	215	3	-0.01	44	220	-2	2	1	43	-0.01	-10	-10	23	-10	188
VR09553A	-1	0.29	-10	0.47	345	5	-0.01	55	1130	16	2	1	89	-0.01	-10	-10	42	-10	246
VR09554A	-1	0.32	-10	0.31	335	6	-0.01	59	640	64	4	1	43	-0.01	-10	-10	38	-10	378
VR09555A	-1	0.26	-10	0.49	275	11	-0.01	60	940	18	4	2	108	-0.01	-10	-10	52	-10	340
VR09556A	-1	0.3	-10	0.41	235	26	0.01	107	2340	20	4	2	130	-0.01	-10	-10	182	-10	800
VR09557A	-1	0.17	-10	0.3	205	6	-0.01	44	1230	12	-2	1	67	-0.01	-10	-10	35	-10	230
VR09558A	-1	0.18	-10	0.35	220	1	-0.01	34	660	-2	-2	1	72	-0.01	-10	-10	16	-10	86
VR09559A	-1	0.09	-10	0.35	150	1	-0.01	15	130	-2	-2	1	53	-0.01	-10	-10	8	-10	28
VR09560A	-1	0.17	10	4.31	1075	-1	0.01	130	1900	4	6	12	185	-0.01	-10	-10	110	-10	222
VR09561A	-1	0.3	10	1.36	390	17	-0.01	102	2350	14	4	4	146	-0.01	-10	-10	138	-10	546
VR09562A	-1	0.34	10	0.82	225	2	-0.01	42	530	-2	2	2	44	-0.01	-10	-10	25	-10	134
VR09563A	-1	0.25	-10	0.6	235	13	-0.01	72	1770	8	2	2	92	-0.01	-10	-10	92	-10	374
VR09564A	-1	0.16	-10	0.39	210	1	-0.01	32	150	4	2	1	22	-0.01	-10	-10	9	-10	110
VR09565A	-1	0.16	-10	0.33	170	1	-0.01	20	100	4	-2	1	26	-0.01	-10	-10	8	-10	90
VR09566A	-1	0.21	-10	0.59	320	2	-0.01	36	360	6	2	2	65	-0.01	-10	-10	44	-10	250
VR09567A	-1	0.29	-10	0.27	135	13	-0.01	72	3810	8	6	1	54	-0.01	-10	-10	160	-10	410
VR09568A	-1	0.29	-10	0.27	180	34	-0.01	91	2440	10	4	2	45	-0.01	-10	-10	118	-10	774
VR09569A	-1	0.18	-10	0.49	225	2	-0.01	45	1370	8	2	1	49	-0.01	-10	-10	41	-10	184
VR09570A	-1	0.16	-10	0.45	225	8	-0.01	32	450	-2	-2	1	42	-0.01	-10	-10	28	-10	210
VR09571A	-1	0.17	-10	0.65	280	1	-0.01	17	90	2	-2	1	50	-0.01	-10	-10	12	-10	54
VR09572A	-1	0.18	-10	0.73	325	1	-0.01	18	80	2	-2	1	62	-0.01	-10	-10	11	-10	68
VR09573A	-1	0.2	-10	0.24	135	-1	-0.01	24	150	2	2	1	19	-0.01	-10	-10	8	-10	50
VR09574A	-1	0.23	-10	0.21	155	-1	-0.01	24	210	-2	-2	1	23	-0.01	-10	-10	8	-10	36
VR09575A	-1	0.18	-10	0.18	145	-1	-0.01	25	70	4	2	-1	12	-0.01	-10	-10	7	-10	54
VR09576A	-1	0.16	-10	0.46	185	-1	-0.01	16	80	2	-2	1	44	-0.01	-10	-10	7	-10	38
VR09577A	-1	0.19	-10	0.52	215	2	-0.01	26	340	4	2	1	51	-0.01	-10	-10	30	-10	88
VR09578A	-1	0.37	-10	0.92	370	6	-0.01	63	1310	8	2	4	119	-0.01	-10	-10	62	-10	232
VR09579A	-1	0.27	-10	0.24	170	6	-0.01	59	3680	6	4	1	63	-0.01	-10	-10	79	-10	230
VR09580A	-1	0.27	-10	0.18	120	5	0.01	75	4500	4	2	1	57	-0.01	-10	-10	103	-10	338
VR09581A	-1	0.14	-10	0.37	185	4	-0.01	42	700	4	-2	1	34	-0.01	-10	-10	49	-10	224

Hole No.	From (m)	To (m)	Lithology	Chemex Certificate No.	Sample Number	Au ppb (5ppb)	Ag ppm (.2ppm)	Al % (0.01%)	As ppm (2ppm)	Ba ppm (10ppm)	Be ppm (.5ppm)	Bi ppm (2ppm)	Ca % (0.01%)	Cd ppm (.5ppm)	Co ppm (1ppm)	Cr ppm (1ppm)	Cu ppm (1ppm)	Fe % (0.01%)	Ga ppm (10ppm)
9480-03	210.9	212.7	GS/GQ	A9427442	VR09582A	-5	0.6	0.3	28	230	-0.5	-2	0.68	-0.5	6	211	41	1.32	-10
9480-03	212.7	214.5	GS/GQ	A9427442	VR09583A	-5	0.4	0.25	24	160	-0.5	-2	0.9	-0.5	4	172	29	1.25	-10
9480-03	214.5	215.9	GS/GQ	A9427442	VR09584A	-5	0.6	0.32	34	150	-0.5	-2	1.65	0.5	4	212	64	1.63	-10
9480-03	215.9	217.3	GS/GQ	A9427442	VR09585A	-5	0.8	0.33	62	190	-0.5	-2	3.17	-0.5	4	208	61	1.64	-10
9480-03	217.3	218.6	GS/GQ	A9427442	VR09586A	-5	1.6	0.4	120	40	-0.5	-2	0.68	0.5	6	248	132	1.82	-10
9480-03	218.6	220.8	GS/GQ	A9427442	VR09587A	45	0.8	0.36	46	180	-0.5	-2	0.33	-0.5	5	185	50	1.36	-10
9480-03	220.8	222.3	GS/GQ	A9427442	VR09588A	15	2.2	0.53	170	90	-0.5	-2	0.85	1.5	7	231	220	2.24	-10
9480-03	222.3	223.4	GS/GQ	A9427442	VR09589A	60	2.2	0.5	142	70	-0.5	-2	1.07	2	6	252	138	2.3	-10
9480-03	223.4	225.6	GS/GQ	A9427442	VR09590A	15	0.6	0.47	40	170	-0.5	-2	0.88	1	3	284	39	1.18	-10
9480-03	225.6	227.1	GS/GQ	A9427442	VR09591A	-5	1	0.49	76	310	-0.5	4	2.53	1	4	262	75	1.54	-10
9480-03	227.1	228.6	GS/GQ	A9427442	VR09592A	-5	1	0.52	172	270	-0.5	-2	1.75	5.5	3	318	113	1.23	-10
9480-03	228.6	230.3	GS/GQ	A9427442	VR09593A	-5	0.8	0.53	92	210	-0.5	-2	1.34	4	4	275	69	1.46	-10
9480-03	230.3	232.3	GS/GQ	A9427442	VR02270A	-5	0.8	0.24	56	160	-0.5	-2	0.83	1	3	224	76	1.35	-10
9480-03	232.3	233.2	GS/GQ	A9427442	VR09594A	-5	0.6	0.33	82	190	-0.5	-2	1.41	1.5	3	274	56	1.42	-10
9480-03	233.2	234.4	GS/GQ	A9427442	VR09595A	-5	0.4	0.34	74	210	-0.5	-2	0.62	1.5	3	254	31	1.37	-10
9480-03	234.4	235	GS/GQ	A9427442	VR09596A	-5	0.4	0.45	80	180	-0.5	-2	1.67	1.5	3	259	95	1.48	-10
9480-03	235	236.8	GS/GQ	A9427442	VR09597A	-5	0.6	0.37	64	160	-0.5	-2	0.93	1.5	4	209	64	1.44	-10
9480-03	236.8	238.9	GS/GQ	A9427442	VR09598A	-5	0.6	0.37	72	130	-0.5	4	1.46	1.5	6	247	77	1.97	-10
9480-03	238.9	239.9	GS/GQ	A9427442	VR09599A	-5	0.4	0.39	72	240	-0.5	-2	2.04	1	3	229	52	1.37	-10
9480-03	239.9	241.4	GS/GQ	A9427442	VR09600A	-5	0.4	0.43	70	210	-0.5	-2	1.28	1.5	4	242	59	1.37	-10
9480-03	241.4	242.9	GS/GQ	A9427442	VR09601A	-5	0.6	0.46	64	220	-0.5	-2	1.3	2	4	233	81	1.47	-10
9480-03	242.9	244	GS/GQ	A9427442	VR09602A	-5	0.6	0.44	60	80	-0.5	-2	0.82	2	6	249	76	2.83	-10
9480-03	244	245.8	GS/GQ	A9427442	VR09603A	-5	0.4	0.43	24	220	-0.5	-2	1.52	8	5	289	80	1.35	-10
9480-03	245.8	247.3	GS/GQ	A9427442	VR09604A	-5	0.6	0.56	36	300	-0.5	-2	2.22	5.5	6	282	117	1.99	-10
9480-03	247.3	249.1	GS/GQ	A9427442	VR09605A	-5	0.4	0.51	32	200	-0.5	-2	1.12	2	4	258	106	1.99	-10
9480-03	249.1	251.4	GS/GQ	A9427442	VR09606A	-5	0.8	0.42	30	210	-0.5	-2	1.38	3	6	276	65	1.6	-10
9480-03	251.4	252.1	GS/GQ	A9427442	VR09607A	-5	1	0.67	-2	170	-0.5	-2	1	1	12	158	140	3.31	-10
9480-03	252.1	253.4	GS/GQ	A9427442	VR09608A	-5	0.8	1.05	2	210	-0.5	-2	1.34	1.5	13	204	83	3.45	-10
9480-03	253.4	255.1	GS/GQ	A9427442	VR09609A	-5	0.4	1.3	-2	310	-0.5	-2	1.12	1	10	202	68	2.74	-10
9480-03	255.1	256.5	QMS	A9427442	VR09610A	-5	0.2	3.25	24	210	-0.5	-2	3.48	-0.5	21	160	59	6.45	10
9480-03	256.5	258.2	QMS	A9427442	VR09611A	10	0.2	2.17	22	300	-0.5	-2	3.1	-0.5	18	172	55	4.96	10
9480-03	258.2	260	QMS	A9427442	VR09612A	-5	-0.2	3.42	16	160	-0.5	-2	3.31	0.5	24	93	34	7.08	10
9480-03	260	261.9	QMS	A9427442	VR09613A	-5	-0.2	4.25	14	220	-0.5	-2	2.66	0.5	26	51	51	8.2	10
9480-03	261.9	263.3	QMS	A9427442	VR09614A	-5	0.4	1.14	-2	210	-0.5	-2	0.96	-0.5	8	167	53	3.03	-10

Sample Number	Hg ppm (1ppm)	K % (.01%)	La ppm (10ppm)	Mg % (0.01%)	Mn ppm (5ppm)	Mo ppm (1ppm)	Na % (.01%)	Ni ppm (1ppm)	P ppm (10ppm)	Pb ppm (2ppm)	Sb ppm (2ppm)	Sc ppm (1ppm)	Sr ppm (1ppm)	Ti % (.01%)	Tl ppm (10ppm)	U ppm (10ppm)	V ppm (1ppm)	W ppm (10ppm)	Zn ppm (2ppm)
VR09582A	-1	0.2	-10	0.28	150	1	-0.01	26	400	8	2	1	31	-0.01	-10	-10	11	-10	70
VR09583A	-1	0.18	-10	0.46	185	1	-0.01	19	90	4	2	1	48	-0.01	-10	-10	8	-10	40
VR09584A	-1	0.2	-10	0.65	390	3	-0.01	33	1680	6	2	1	71	-0.01	-10	-10	20	-10	118
VR09585A	-1	0.2	-10	1.42	505	1	-0.01	44	1960	4	2	1	144	-0.01	-10	-10	22	-10	190
VR09586A	-1	0.25	-10	0.19	105	2	-0.01	83	1530	4	2	1	30	-0.01	-10	-10	23	-10	372
VR09587A	-1	0.23	-10	0.13	85	1	-0.01	26	350	2	-2	1	14	-0.01	-10	-10	9	-10	58
VR09588A	-1	0.34	-10	0.31	140	3	-0.01	99	1330	4	2	1	38	-0.01	-10	-10	36	-10	428
VR09589A	-1	0.3	-10	0.26	120	8	-0.01	98	2680	8	2	1	46	-0.01	-10	-10	54	-10	518
VR09590A	-1	0.22	-10	0.13	70	3	-0.01	42	3000	2	2	1	42	-0.01	-10	-10	34	-10	150
VR09591A	-1	0.27	-10	0.86	310	2	-0.01	57	4350	2	2	2	122	-0.01	-10	-10	38	-10	238
VR09592A	-1	0.27	-10	0.27	135	20	-0.01	111	5790	4	4	1	75	-0.01	-10	-10	148	-10	748
VR09593A	-1	0.29	-10	0.28	125	9	-0.01	73	3800	42	-2	1	58	-0.01	-10	-10	122	-10	440
VR02270A	-1	0.14	-10	0.33	165	4	-0.01	41	760	6	2	1	37	-0.01	-10	-10	27	-10	220
VR09594A	-1	0.16	-10	0.53	235	15	-0.01	56	1140	4	2	1	50	-0.01	-10	-10	65	-10	284
VR09595A	-1	0.19	-10	0.17	90	11	-0.01	50	1400	6	2	1	28	-0.01	-10	-10	45	-10	216
VR09596A	-1	0.23	-10	0.34	180	10	-0.01	64	4280	10	2	1	67	-0.01	-10	-10	51	-10	324
VR09597A	-1	0.2	-10	0.2	130	8	-0.01	61	2630	2	14	1	39	-0.01	-10	-10	44	-10	246
VR09598A	-1	0.22	-10	0.54	270	7	-0.01	55	1960	6	4	1	67	-0.01	-10	-10	45	-10	268
VR09599A	-1	0.22	-10	0.56	185	5	-0.01	54	4150	-2	8	1	79	-0.01	-10	-10	46	-10	224
VR09600A	-1	0.24	-10	0.26	130	7	-0.01	58	3580	2	2	1	56	-0.01	-10	-10	43	-10	246
VR09601A	-1	0.26	-10	0.16	105	9	-0.01	71	4690	6	2	1	57	-0.01	-10	-10	64	-10	302
VR09602A	-1	0.23	-10	0.22	130	7	-0.01	58	1850	8	2	1	38	-0.01	-10	-10	69	-10	318
VR09603A	-1	0.27	10	0.65	285	26	-0.01	97	1310	6	2	1	69	-0.01	-10	10	124	-10	896
VR09604A	-1	0.32	10	0.74	325	16	-0.01	127	3820	4	2	1	101	-0.01	-10	10	147	-10	674
VR09605A	-1	0.27	-10	0.23	140	13	-0.01	82	3380	12	4	1	50	-0.01	-10	-10	71	-10	398
VR09606A	-1	0.24	-10	0.57	340	10	-0.01	56	1290	12	2	1	56	-0.01	-10	-10	47	-10	336
VR09607A	-1	0.42	-10	0.59	290	6	-0.01	56	410	6	4	1	52	-0.01	-10	-10	27	-10	128
VR09608A	-1	0.41	-10	0.84	335	9	0.01	74	1070	-2	4	1	79	-0.01	-10	-10	33	-10	166
VR09609A	-1	0.38	-10	0.87	270	7	0.01	53	570	2	4	2	77	-0.01	-10	-10	33	-10	124
VR09610A	-1	0.21	-10	2.77	870	-1	0.01	28	730	2	6	12	198	-0.01	-10	-10	114	-10	140
VR09611A	-1	0.3	-10	1.87	735	2	0.01	29	690	2	4	9	187	-0.01	-10	-10	85	-10	76
VR09612A	-1	0.16	-10	2.8	1090	-1	0.01	16	690	2	8	15	194	-0.01	-10	-10	197	-10	130
VR09613A	-1	0.18	-10	2.99	1005	-1	0.02	9	630	2	12	20	174	-0.01	-10	-10	246	-10	238
VR09614A	-1	0.36	-10	0.68	310	3	-0.01	41	380	-2	4	2	59	-0.01	-10	-10	33	-10	90

Hole No.	From (m)	To (m)	Lithology	Chemex Certificate No.	Sample Number	Au ppb (5ppb)	Ag ppm (.2ppm)	Al % (0.01%)	As ppm (2ppm)	Ba ppm (10ppm)	Be ppm (.5ppm)	Bi ppm (2ppm)	Ca % (0.01%)	Cd ppm (.5ppm)	Co ppm (1ppm)	Cr ppm (1ppm)	Cu ppm (1ppm)	Fe % (0.01%)	Ga ppm (10ppm)
9480-04	3.1	5.2	KBX1	A9427809	VR09615A	-5	-0.2	2.43	30	1400	-0.5	-2	0.4	0.5	23	92	28	3.65	10
9480-04	5.2	6.7	KBX1	A9427809	VR09616A	-5	-0.2	3.05	12	1740	-0.5	4	1.19	0.5	22	133	25	4.26	10
9480-04	6.7	8.2	KBX1	A9427809	VR09617A	-5	-0.2	2.95	6	860	-0.5	-2	0.91	0.5	20	120	25	3.87	10
9480-04	8.2	9.8	KBX1	A9427809	VR09618A	-5	-0.2	2.59	4	1390	-0.5	-2	0.43	0.5	24	105	26	4.04	10
9480-04	9.8	10.5	KBX1	A9427809	VR09619A	-5	-0.2	2.4	2	1490	-0.5	-2	0.44	0.5	19	109	27	3.76	10
9480-04	10.5	12.6	KBX1	A9427809	VR09620A	-5	-0.2	2.2	-2	2060	-0.5	-2	3.51	0.5	18	109	22	4.06	10
9480-04	12.6	14.8	KBX1	A9427809	VR09621A	-5	-0.2	2.06	-2	1020	0.5	-2	1.82	0.5	16	125	21	2.34	10
9480-04	14.8	17.4	KBX1	A9427809	VR09622A	-5	-0.2	2.75	4	2690	-0.5	-2	5.38	0.5	13	101	22	7	10
9480-04	17.4	20.9	KBX1	A9427809	VR09623A	-5	-0.2	1.94	-2	2250	-0.5	-2	3.32	0.5	15	90	24	3.79	10
9480-04	20.9	22.4	KBX1	A9427809	VR09624A	-5	-0.2	1.84	-2	130	-0.5	-2	2.1	0.5	16	108	35	2.41	10
9480-04	22.4	23.7	KBX1	A9427809	VR09625A	-5	-0.2	1.62	6	110	0.5	-2	2.32	0.5	19	99	26	2.23	10
9480-04	23.7	25.4	KBX1	A9427809	VR09626A	-5	-0.2	1.57	-2	410	-0.5	-2	2.5	0.5	25	89	25	2	10
9480-04	25.4	26.5	KBX1	A9427809	VR09627A	-5	-0.2	1.41	-2	950	0.5	-2	2.88	0.5	18	87	22	1.74	10
9480-04	26.5	28.5	KBX1	A9427809	VR09628A	-5	-0.2	2.06	-2	1260	-0.5	-2	4.66	1	16	81	22	3.62	10
9480-04	28.5	30	KBX1	A9427809	VR09629A	-5	-0.2	1.99	-2	260	-0.5	-2	2.18	0.5	13	62	20	3.25	10
9480-04	30	31.1	KBX1	A9427809	VR09630A	-5	-0.2	1.77	-2	80	-0.5	-2	2.7	0.5	16	77	20	2.97	10
9480-04	31.1	33.2	KBX1	A9427809	VR09631A	-5	-0.2	2.29	-2	220	-0.5	-2	2.62	0.5	18	86	24	3.41	10
9480-04	33.2	35.2	KBX1	A9427809	VR09632A	-5	-0.2	1.72	-2	330	-0.5	-2	2.11	1	14	69	20	2.08	10
9480-04	35.2	37	KBX1	A9427809	VR09633A	-5	-0.2	1.66	-2	600	-0.5	-2	2.28	0.5	17	87	21	1.96	10
9480-04	37	38.5	KBX1	A9427809	VR09634A	-5	-0.2	1.8	4	1800	-0.5	-2	2.65	-0.5	15	81	22	2.14	10
9480-04	38.5	40.2	KBX1	A9427809	VR09635A	-5	-0.2	2.08	-2	2010	-0.5	-2	3.12	0.5	14	114	24	2.58	10
9480-04	40.2	41.5	KBX1	A9427809	VR09636A	-5	-0.2	2.31	-2	1540	-0.5	-2	2.76	0.5	12	121	31	2.84	10
9480-04	41.5	42.1	KBX1	A9427809	VR09637A	-5	-0.2	2.42	-2	120	-0.5	-2	2.02	1	24	51	26	3.26	10
9480-04	42.1	44.4	KBX1	A9427809	VR09638A	-5	-0.2	2.07	-2	1260	-0.5	-2	3.56	0.5	14	104	28	2.7	10
9480-04	44.4	45.5	KBX1	A9427809	VR09639A	-5	-0.2	1.67	-2	1120	-0.5	-2	3.31	0.5	10	86	10	2.41	10
9480-04	45.5	47.5	KBX1	A9427809	VR09640A	-5	-0.2	2.05	-2	2010	-0.5	-2	2.95	0.5	16	118	27	2.65	10
9480-04	47.5	49.5	KBX2	A9427809	VR09641A	-5	-0.2	1.8	4	1030	-0.5	-2	1.5	0.5	14	55	34	2.54	10
9480-04	49.5	51.5	KBX2	A9427809	VR09642A	-5	0.2	1.79	2	910	-0.5	-2	2.09	1	12	61	32	2.8	10
9480-04	51.5	53.5	KBX2	A9427809	VR09643A	-5	-0.2	2.27	-2	1430	-0.5	-2	1.9	0.5	14	66	37	3.23	10
9480-04	53.5	55.3	KBX2	A9427809	VR09644A	-5	0.2	2.09	8	830	-0.5	-2	2.23	0.5	15	65	35	2.82	10
9480-04	55.3	57.4	KBX2	A9427809	VR09645A	-5	-0.2	2.71	2	780	-0.5	-2	3.21	1	16	68	34	3.52	10
9480-04	57.4	59.4	KBX2	A9427809	VR09646A	-5	0.2	2.62	8	730	-0.5	2	2.26	0.5	15	69	30	3.38	10
9480-04	59.4	61.8	KBX2	A9427809	VR09647A	-5	-0.2	2.36	-2	1690	-0.5	-2	2.2	0.5	10	69	32	2.98	10
9480-04	61.8	62.7	KBX2	A9427809	VR09648A	-5	-0.2	2.31	14	460	-0.5	2	3.31	1	18	91	32	3.12	10
9480-04	62.7	64	KBX2	A9427809	VR09649A	-5	-0.2	2.59	-2	2840	-0.5	-2	3.18	1	12	65	31	3.6	10
9480-04	64	66.1	KBX2	A9427809	VR09650A	-5	-0.2	2.51	-2	1090	-0.5	-2	3.33	1	15	72	28	3.17	10
9480-04	66.1	68.2	KBX2	A9427809	VR09651A	-5	-0.2	2.59	4	1630	-0.5	-2	3.25	0.5	13	69	26	3.39	10
9480-04	68.2	69.6	KBX2	A9427809	VR09652A	-5	-0.2	2.52	-2	1430	-0.5	-2	2.98	0.5	13	72	27	2.96	10
9480-04	69.6	70.9	KBX2	A9427809	VR09653A	-5	-0.2	2.31	-2	1060	-0.5	4	2.7	1	13	66	29	3.01	10
9480-04	70.9	73.1	KBX2	A9427809	VR09654A	-5	-0.2	2.4	4	820	-0.5	-2	2.87	0.5	14	65	30	3.3	10
9480-04	73.1	75.1	KBX2	A9427809	VR09655A	-5	-0.2	2.84	-2	920	-0.5	-2	3.9	1	14	79	31	3.52	10
9480-04	75.1	77.1	KBX2	A9427809	VR09656A	-5	-0.2	2.87	6	1200	-0.5	-2	3.89	0.5	14	97	34	3.22	10
9480-04	77.1	79.2	KBX2	A9427809	VR09657A	-5	-0.2	2.75	-2	1060	-0.5	-2	3.42	1	15	81	29	3.42	10
9480-04	79.2	81	KBX2	A9427809	VR09658A	-5	-0.2	2.54	-2	1050	-0.5	-2	3.99	0.5	13	73	32	3.3	10

Sample Number	Hg ppm (1ppm)	K % (.01%)	La ppm (10ppm)	Mg % (0.01%)	Mn ppm (5ppm)	Mo ppm (1ppm)	Na % (.01%)	Ni ppm (1ppm)	P ppm (10ppm)	Pb ppm (2ppm)	Sb ppm (2ppm)	Sc ppm (1ppm)	Sr ppm (1ppm)	Ti % (.01%)	Tl ppm (10ppm)	U ppm (10ppm)	V ppm (1ppm)	W ppm (10ppm)	Zn ppm (2ppm)
VR09615A	-1	0.27	20	1.16	145	1	0.02	139	1230	16	6	8	58	-0.01	-10	-10	43	-10	74
VR09616A	-1	0.22	20	2.26	475	-1	0.02	159	1080	14	4	12	89	-0.01	-10	-10	58	10	78
VR09617A	-1	0.27	20	1.99	320	-1	0.02	139	1160	16	-2	11	56	-0.01	-10	-10	53	10	70
VR09618A	-1	0.25	20	1.41	175	1	0.02	158	1250	12	2	8	64	-0.01	-10	-10	39	-10	82
VR09619A	-1	0.23	20	1.4	150	1	0.02	129	1340	18	2	7	63	-0.01	-10	-10	36	-10	84
VR09620A	-1	0.25	20	2.08	635	-1	0.02	118	1060	2	-2	11	286	-0.01	-10	-10	43	10	76
VR09621A	-1	0.34	20	1.1	345	-1	0.02	99	1290	8	-2	5	180	-0.01	-10	-10	34	-10	62
VR09622A	-1	0.15	10	2.52	1130	1	0.01	138	670	6	4	9	584	-0.01	-10	-10	59	20	94
VR09623A	-1	0.35	20	1.64	620	2	0.02	123	1070	6	2	7	385	-0.01	-10	-10	42	10	54
VR09624A	-1	0.37	20	0.86	395	1	0.02	125	1300	6	2	5	284	-0.01	-10	-10	33	-10	48
VR09625A	-1	0.32	20	0.83	420	-1	0.02	153	1250	10	2	4	312	-0.01	-10	-10	29	-10	50
VR09626A	-1	0.35	20	0.73	440	-1	0.02	170	1220	14	-2	4	357	-0.01	-10	-10	26	-10	42
VR09627A	-1	0.32	20	0.65	525	1	0.02	109	1220	10	-2	4	443	-0.01	-10	-10	26	-10	40
VR09628A	-1	0.31	20	1.78	1070	-1	0.02	105	1030	12	2	8	604	-0.01	-10	-10	45	10	74
VR09629A	-1	0.32	20	0.95	680	1	0.02	69	1060	12	2	6	327	-0.01	-10	-10	39	-10	60
VR09630A	-1	0.28	20	0.91	760	-1	0.02	113	1060	12	2	6	406	-0.01	-10	-10	35	-10	54
VR09631A	-1	0.35	20	1.18	690	-1	0.02	123	1220	10	2	7	418	-0.01	-10	-10	45	10	72
VR09632A	-1	0.37	20	0.76	370	-1	0.02	80	1360	8	-2	3	327	-0.01	-10	-10	30	10	52
VR09633A	-1	0.35	20	0.79	485	-1	0.02	123	1240	12	2	3	355	-0.01	-10	-10	27	10	50
VR09634A	-1	0.38	20	0.96	495	-1	0.02	135	1320	12	-2	4	392	-0.01	-10	-10	31	10	50
VR09635A	-1	0.42	20	1.45	505	-1	0.02	161	1300	8	2	5	367	-0.01	-10	-10	36	10	54
VR09636A	-1	0.42	20	1.27	500	1	0.02	98	1250	10	-2	5	382	-0.01	-10	-10	37	10	62
VR09637A	-1	0.31	10	1.35	710	12	0.01	166	750	14	2	6	281	-0.01	-10	-10	40	10	88
VR09638A	-1	0.35	20	1.88	530	1	0.02	104	1240	8	2	4	336	-0.01	-10	-10	34	10	58
VR09639A	-1	0.3	20	1.13	375	-1	0.02	70	1230	6	2	5	363	-0.01	-10	-10	31	10	50
VR09640A	-1	0.25	20	1.32	585	1	0.02	94	1120	10	2	6	354	-0.01	-10	-10	35	10	64
VR09641A	-1	0.28	20	0.9	400	3	0.02	61	1300	10	2	4	182	-0.01	-10	-10	32	10	82
VR09642A	-1	0.28	20	0.88	530	3	0.02	54	1260	12	-2	5	225	-0.01	-10	-10	35	10	92
VR09643A	-1	0.29	10	1.1	505	3	0.02	55	1360	12	2	5	290	-0.01	-10	-10	40	10	98
VR09644A	-1	0.29	10	1.03	485	2	0.02	55	1290	8	2	6	305	-0.01	-10	-10	36	10	80
VR09645A	-1	0.24	20	1.53	775	2	0.02	56	1220	14	-2	7	360	-0.01	-10	-10	49	10	104
VR09646A	-1	0.28	20	1.36	605	3	0.03	59	1330	16	4	6	309	-0.01	-10	-10	48	10	104
VR09647A	-1	0.35	20	1.06	400	1	0.02	48	1440	6	2	5	249	-0.01	-10	-10	35	10	84
VR09648A	-1	0.29	20	1.24	710	2	0.02	75	1130	14	-2	7	291	-0.01	-10	-10	43	10	92
VR09649A	-1	0.35	20	1.19	615	1	0.02	49	1370	14	2	5	419	-0.01	-10	-10	37	10	84
VR09650A	-1	0.29	20	1.46	755	2	0.02	50	1320	14	-2	7	438	-0.01	-10	-10	41	10	84
VR09651A	-1	0.24	20	1.5	635	2	0.02	44	1260	8	-2	6	348	-0.01	-10	-10	42	10	76
VR09652A	-1	0.27	20	1.36	535	2	0.03	44	1320	8	4	7	379	-0.01	-10	-10	43	10	68
VR09653A	-1	0.26	20	1.24	515	1	0.02	45	1410	12	2	6	331	-0.01	-10	-10	38	10	80
VR09654A	-1	0.22	20	1.39	690	2	0.02	49	1240	12	-2	6	286	-0.01	-10	-10	41	10	82
VR09655A	-1	0.29	20	1.8	710	1	0.02	50	1200	12	4	7	399	-0.01	-10	-10	51	10	90
VR09656A	-1	0.3	20	1.78	720	1	0.04	51	1260	12	-2	7	442	-0.01	-10	-10	48	10	84
VR09657A	-1	0.28	20	1.71	610	1	0.03	49	1260	14	-2	7	387	-0.01	-10	-10	48	10	84
VR09658A	-1	0.18	20	1.79	735	1	0.02	42	1290	10	-2	7	409	-0.01	-10	-10	42	10	80

Hole No.	From (m)	To (m)	Lithology	Chemex Certificate No.	Sample Number	Au ppb (5ppb)	Ag ppm (.2ppm)	Al % (0.01%)	As ppm (2ppm)	Ba ppm (10ppm)	Be ppm (.5ppm)	Bi ppm (2ppm)	Ca % (0.01%)	Cd ppm (.5ppm)	Co ppm (1ppm)	Cr ppm (1ppm)	Cu ppm (1ppm)	Fe % (0.01%)	Ga ppm (10ppm)
9480-04	81	83	KBX2	A9427809	VR09659A	-5	-0.2	2.89	2	1000	-0.5	-2	4.08	0.5	15	83	28	3.44	10
9480-04	83	84.8	KBX2	A9427809	VR09660A	-5	-0.2	2.4	-2	830	-0.5	-2	3.72	0.5	13	81	27	3.29	10
9480-04	84.8	86.3	KBX2	A9427809	VR09661A	-5	-0.2	2.68	-2	870	-0.5	-2	3.98	1	14	75	30	3.36	10
9480-04	86.3	87.9	KBX2	A9427809	VR09662A	-5	-0.2	2.31	6	970	-0.5	-2	3.5	0.5	13	80	31	3.39	10
9480-04	87.9	89.4	KBX2	A9427809	VR09663A	-5	-0.2	2.79	-2	870	-0.5	-2	3.72	1	15	73	31	3.43	10
9480-04	89.4	91.5	KBX2	A9427809	VR09664A	-5	-0.2	2.96	2	860	-0.5	-2	4.12	0.5	12	89	32	3.53	10
9480-04	91.5	93.6	KBX2	A9427809	VR09665A	-5	-0.2	2.79	-2	990	-0.5	-2	4.26	1	13	70	29	3.34	10
9480-04	93.6	94.7	KBX2	A9427809	VR09666A	-5	-0.2	2.71	-2	1230	-0.5	-2	4.14	0.5	14	85	29	3.23	10
9480-04	94.7	96.6	KBX2	A9427809	VR09667A	-5	-0.2	2.69	2	1000	-0.5	-2	4.26	0.5	13	79	28	3.29	10
9480-04	96.6	98.1	KBX2	A9427809	VR09668A	-5	-0.2	2.62	6	990	-0.5	-2	4.11	0.5	14	74	30	3.41	10
9480-04	98.1	99.7	KBX2	A9427809	VR09669A	-5	-0.2	2.94	4	760	-0.5	-2	4.07	0.5	12	84	32	3.49	10
9480-04	99.7	101.4	KBX2	A9427809	VR09670A	-5	-0.2	2.9	-2	970	-0.5	2	4.45	1	11	75	31	3.45	10
9480-04	101.4	103.4	KBX2	A9427809	VR09671A	-5	-0.2	2.72	-2	990	-0.5	-2	4.12	1	12	75	30	3.42	10
9480-04	103.4	104	KBX2	A9427809	VR09672A	-5	-0.2	2.59	4	510	-0.5	-2	2.44	0.5	14	81	32	3.19	10
9480-04	104	105.8	KBX2	A9427809	VR09673A	-5	-0.2	2.55	2	1040	-0.5	2	3.01	0.5	14	75	30	3.1	10
9480-04	105.8	107.8	KBX2	A9427809	VR09674A	-5	-0.2	2.36	2	1140	-0.5	-2	3.48	1	17	78	31	3.39	10
9480-04	107.8	109.1	KBX2	A9427809	VR09675A	-5	-0.2	2.61	-2	1270	-0.5	-2	3.28	1	12	70	28	3.05	10
9480-04	109.1	111	KBX2	A9427809	VR02271A	-5	-0.2	2.39	4	940	-0.5	-2	3.55	0.5	13	75	29	3.29	10

Sample Number	Hg ppm (1ppm)	K % (.01%)	La ppm (10ppm)	Mg % (0.01%)	Mn ppm (5ppm)	Mo ppm (1ppm)	Na % (.01%)	Ni ppm (1ppm)	P ppm (10ppm)	Pb ppm (2ppm)	Sb ppm (2ppm)	Sc ppm (1ppm)	Sr ppm (1ppm)	Ti % (.01%)	Tl ppm (10ppm)	U ppm (10ppm)	V ppm (1ppm)	W ppm (10ppm)	Zn ppm (2ppm)
VR09659A	-1	0.28	20	1.88	875	2	0.03	46	1330	14	-2	8	388	-0.01	-10	-10	48	10	84
VR09660A	-1	0.14	20	1.8	790	2	0.02	43	1220	10	2	7	366	-0.01	-10	-10	42	10	76
VR09661A	-1	0.26	20	1.81	835	2	0.03	45	1240	12	-2	7	372	-0.01	-10	-10	43	10	80
VR09662A	-1	0.21	20	1.48	775	1	0.02	41	1270	14	-2	6	379	-0.01	-10	-10	41	10	84
VR09663A	-1	0.34	20	1.72	805	1	0.03	42	1230	12	-2	7	393	-0.01	-10	-10	48	10	84
VR09664A	-1	0.32	20	1.8	865	2	0.03	37	1210	18	-2	7	364	-0.01	-10	-10	47	10	82
VR09665A	-1	0.3	20	1.75	870	1	0.02	35	1170	10	-2	7	376	-0.01	-10	-10	44	10	80
VR09666A	-1	0.35	20	1.63	935	2	0.03	37	1270	12	2	7	354	-0.01	-10	-10	43	10	78
VR09667A	-1	0.31	20	1.75	905	2	0.02	35	1230	16	-2	7	364	-0.01	-10	-10	43	10	76
VR09668A	-1	0.24	20	1.79	885	2	0.02	39	1260	12	4	7	344	-0.01	-10	-10	41	10	80
VR09669A	-1	0.36	20	1.8	860	1	0.03	36	1100	12	2	7	314	-0.01	-10	-10	48	10	84
VR09670A	-1	0.28	20	1.96	860	1	0.02	32	1030	12	-2	7	358	-0.01	-10	-10	46	10	84
VR09671A	-1	0.29	10	1.84	830	1	0.02	35	1080	12	4	7	330	-0.01	-10	-10	45	10	84
VR09672A	-1	0.41	20	1.32	655	1	0.03	46	1170	8	2	6	212	-0.01	-10	-10	47	10	78
VR09673A	-1	0.37	20	1.37	695	1	0.02	42	1240	8	-2	6	288	-0.01	-10	-10	41	10	78
VR09674A	-1	0.24	20	1.49	845	2	0.01	53	1250	10	-2	6	300	-0.01	-10	-10	39	10	92
VR09675A	-1	0.43	20	1.33	715	1	0.03	36	1270	12	-2	6	308	-0.01	-10	-10	41	10	76
VR02271A	-1	0.25	20	1.56	815	1	0.01	38	1300	12	-2	6	325	-0.01	-10	-10	38	10	78

Hole No.	From (m)	To (m)	Lithology	Chemex Certificate No.	Sample Number	Au ppb (5ppb)	Ag ppm (.2ppm)	Al % (0.01%)	As ppm (2ppm)	Ba ppm (10ppm)	Be ppm (.5ppm)	Bi ppm (2ppm)	Ca % (0.01%)	Cd ppm (.5ppm)	Co ppm (1ppm)	Cr ppm (1ppm)	Cu ppm (1ppm)	Fe % (0.01%)	Ga ppm (10ppm)
9480-05	31.4	32.3	KBX1	A9428008	VR09676A	-5	0.8	1.73	2	80	-0.5	-2	2.78	0.5	16	82	38	2.66	10
9480-05	32.3	33.1	KBX1	A9428008	VR09677A	-5	0.4	1.57	4	110	-0.5	-2	2.72	0.5	25	99	26	2.2	10
9480-05	33.1	34.4	KBX1	A9428008	VR09678A	-5	0.2	3.18	4	460	-0.5	-2	3.44	1	17	148	35	6.01	10
9480-05	34.4	34.9	KBX1	A9428008	VR09679A	-5	0.2	1.7	4	230	-0.5	-2	0.8	-0.5	14	57	30	2.3	10
9480-05	34.9	35.7	KBX1	A9428008	VR09680A	-5	-0.2	2.44	4	2950	-0.5	-2	2.3	0.5	20	120	30	3.95	10
9480-05	35.7	36.1	KBX1	A9428008	VR09681A	-5	-0.2	1.96	2	1020	-0.5	-2	2.4	0.5	16	66	19	2.84	10
9480-05	36.1	40.2	KBX1	A9428008	VR09682A	-5	-0.2	1.91	4	1730	-0.5	-2	2.17	5.5	27	114	22	2.82	10
9480-05	40.2	40.9	KBX1	A9428008	VR09683A	-5	-0.2	2.83	2	2140	-0.5	-2	2.65	2	19	112	28	4.49	10
9480-05	40.9	41.5	KBX1	A9428008	VR09684A	-5	-0.2	2.73	-2	3660	-0.5	2	4.05	1	16	84	26	6.61	10
9480-05	41.5	42.5	KBX1	A9428008	VR09685A	-5	-0.2	2.28	4	1920	-0.5	-2	2.48	-0.5	19	114	32	3.51	10
9480-05	42.5	44	KBX1	A9428008	VR09686A	-5	-0.2	2.63	4	2550	-0.5	-2	2.66	0.5	14	109	30	4.37	10
9480-05	44	45.5	KBX1	A9428008	VR09687A	-5	-0.2	2.2	2	1410	-0.5	-2	2.52	-0.5	18	134	25	3.12	10
9480-05	45.5	47	KBX1	A9428008	VR09688A	-5	0.2	2.19	6	1260	-0.5	-2	3.03	-0.5	17	134	25	2.99	10
9480-05	47	48.8	KBX1	A9428008	VR09689A	-5	0.2	2.43	-2	610	-0.5	-2	3.65	0.5	17	154	24	3.31	10
9480-05	48.8	49.9	KBX2	A9428008	VR09690A	-5	-0.2	2.74	8	190	-0.5	-2	1.99	0.5	16	85	31	4.2	10
9480-05	49.9	50.3	KBX2	A9428008	VR09691A	-5	0.2	2.9	14	320	-0.5	-2	2.76	1	17	103	37	5.3	10
9480-05	50.3	52.3	KBX2	A9428008	VR09692A	-5	0.4	2.48	8	270	-0.5	-2	1.96	0.5	15	108	36	3.44	10
9480-05	52.3	54.3	KBX2	A9428008	VR09693A	40	0.2	2.25	12	330	-0.5	-2	1.8	0.5	15	88	34	2.97	10
9480-05	54.3	56.2	KBX2	A9428008	VR09694A	-5	0.2	2.12	16	250	-0.5	-2	2.42	0.5	15	89	32	2.81	10
9480-05	56.2	58.2	KBX2	A9428008	VR09695A	-5	0.2	2.63	18	430	-0.5	-2	2.55	0.5	14	100	37	3.66	10
9480-05	58.2	60.2	KBX2	A9428008	VR09696A	-5	0.2	2.46	8	730	-0.5	-2	3.18	0.5	12	89	31	3.27	10
9480-05	60.2	62.2	KBX2	A9428008	VR09697A	-5	0.2	2.28	12	700	-0.5	-2	2.9	0.5	12	85	31	3.1	10
9480-05	62.2	64.3	KBX2	A9428008	VR09698A	-5	0.2	2.43	12	640	-0.5	-2	3.16	0.5	13	95	35	3.42	10
9480-05	64.3	66.3	KBX2	A9428008	VR09699A	-5	0.2	2.46	6	980	-0.5	6	3.03	0.5	13	92	31	3.43	10
9480-05	66.3	68.4	KBX2	A9428008	VR09700A	-5	-0.2	2.41	8	1090	-0.5	-2	3.31	0.5	14	96	32	3.34	10
9480-05	68.4	70.3	KBX2	A9428008	VR09701A	-5	0.2	2.38	14	470	-0.5	-2	2.7	0.5	14	106	37	3.47	10
9480-05	70.3	72.2	KBX2	A9428008	VR09702A	-5	0.2	2.31	14	330	-0.5	-2	2.28	0.5	13	112	38	3.18	10
9480-05	72.2	74.2	KBX2	A9428008	VR09703A	-5	0.2	2.47	14	760	-0.5	-2	2.53	0.5	13	100	35	3.45	10
9480-05	74.2	76.1	KBX2	A9428008	VR09704A	-5	0.2	2.39	10	720	-0.5	-2	2.91	0.5	14	114	32	3.3	10
9480-05	76.1	78.2	KBX2	A9428008	VR09705A	-5	0.2	2.54	20	710	-0.5	-2	2.86	-0.5	13	111	33	3.45	10
9480-05	78.2	80.4	KBX2	A9428008	VR09706A	-5	0.2	2.54	18	290	-0.5	-2	2.41	0.5	16	118	37	3.67	10
9480-05	80.4	81.4	KBX2	A9428008	VR09707A	-5	0.2	2.37	24	290	-0.5	-2	2.84	0.5	18	135	35	3.33	10
9480-05	81.4	82.8	KBX2	A9428008	VR09708A	-5	0.2	2.46	16	230	-0.5	-2	2.52	0.5	16	124	31	3.35	10
9480-05	82.8	84.4	KBX2	A9428008	VR09709A	-5	0.2	2.49	6	230	-0.5	-2	3.09	0.5	14	110	31	3.36	10
9480-05	84.4	86.5	KBX2	A9428008	VR09710A	-5	0.2	2.44	6	230	-0.5	-2	3.4	0.5	13	113	32	3.32	10
9480-05	86.5	87.8	KBX2	A9428008	VR09711A	-5	0.2	2.73	8	190	-0.5	-2	4.18	0.5	19	141	36	3.9	10
9480-05	87.8	89.1	KBX2	A9428008	VR09712A	-5	-0.2	2.44	6	210	-0.5	-2	3.08	-0.5	14	91	27	3.6	10
9480-05	89.1	90.5	KMS	A9428008	VR09713A	-5	0.2	1.67	28	220	-0.5	-2	2.55	0.5	13	54	52	3.23	-10
9480-05	90.5	91.7	KMS	A9428008	VR09714A	-5	0.2	2.33	50	180	-0.5	-2	1.91	0.5	14	62	62	4.36	10
9480-05	91.7	93	KMS	A9428008	VR09715A	-5	0.2	2.18	40	330	-0.5	-2	2.47	-0.5	13	59	63	4.21	10
9480-05	93	94.6	KBX2	A9428008	VR09716A	-5	-0.2	2.42	8	220	-0.5	2	2.48	0.5	15	119	33	3.45	10
9480-05	94.6	95.9	KBX2	A9428008	VR09717A	-5	0.2	1.97	16	600	-0.5	-2	2.2	0.5	18	140	33	2.45	10
9480-05	95.9	97.6	KBX2	A9428008	VR09718A	-5	0.2	2.47	22	350	-0.5	-2	1.3	0.5	18	126	38	3.31	10
9480-05	97.6	99.1	KBX2	A9428008	VR09719A	-5	0.2	1.93	8	790	-0.5	-2	1.29	0.5	18	89	33	2.5	10

Hole No.	From (m)	To (m)	Lithology	Chemex Certificate No.	Sample Number	Au ppb (5ppb)	Ag ppm (.2ppm)	Al % (0.01%)	As ppm (2ppm)	Ba ppm (10ppm)	Be ppm (.5ppm)	Bi ppm (2ppm)	Ca % (0.01%)	Cd ppm (.5ppm)	Co ppm (1ppm)	Cr ppm (1ppm)	Cu ppm (1ppm)	Fe % (0.01%)	Ga ppm (10ppm)
9480-05	99.1	100.1	KBX2	A9428008	VR09720A	-5	-0.2	2.14	26	680	-0.5	-2	2.27	0.5	15	114	32	3.27	10
9480-05	100.1	102.8	KBX2	A9428008	VR09721A	-5	-0.2	1.77	8	340	-0.5	-2	3.12	0.5	14	90	28	3.23	10
9480-05	102.8	103.3	KBX2	A9428008	VR09722A	-5	0.2	1.66	14	150	-0.5	-2	4.41	0.5	10	53	47	2.98	-10
9480-05	103.3	105	KBX2	A9428008	VR09723A	-5	-0.2	1.83	20	420	-0.5	-2	3.73	-0.5	13	93	28	3.27	10
9480-05	105	106.9	KBX2	A9428008	VR09724A	-5	-0.2	1.79	12	410	-0.5	-2	3.92	0.5	11	89	24	3.12	10
9480-05	106.9	109.1	KBX2	A9428008	VR09725A	-5	-0.2	1.84	4	480	-0.5	-2	3.46	0.5	13	87	26	3.11	10
9480-05	109.1	110.1	KBX2	A9428008	VR09726A	-5	-0.2	1.67	18	540	-0.5	-2	3.08	0.5	14	85	27	2.88	10
9480-05	110.1	111.9	KBX2	A9428008	VR09727A	-5	0.2	2.1	16	330	-0.5	-2	3.07	0.5	14	81	33	3.33	10
9480-05	111.9	114	KBX2	A9428008	VR09728A	-5	-0.2	2.08	14	540	-0.5	-2	3.32	0.5	14	83	31	3.1	10
9480-05	114	116	KBX2	A9428008	VR09729A	-5	0.2	2.06	10	450	-0.5	-2	2.8	0.5	13	70	29	2.87	10
9480-05	116	117.7	KBX2	A9428008	VR09730A	-5	-0.2	2.12	4	770	-0.5	-2	3.84	0.5	13	78	27	3.18	10
9480-05	117.7	119.7	KBX2	A9428008	VR09731A	-5	0.2	2.03	18	590	-0.5	-2	3.3	-0.5	13	69	27	3.02	10
9480-05	119.7	121	KBX2	A9428008	VR09732A	-5	-0.2	2.31	12	550	-0.5	-2	3.1	0.5	14	85	32	3.47	10
9480-05	121	122.5	KBX2	A9428008	VR09733A	-5	0.2	2.29	12	130	-0.5	-2	4.92	0.5	8	25	17	3.17	10
9480-05	122.5	124.2	KBX2	A9428008	VR09734A	-5	-0.2	2.74	30	350	-0.5	-2	2.32	0.5	17	69	65	4.59	10
9480-05	124.2	125.9	KBX2	A9428008	VR09735A	-5	0.2	2.43	24	190	-0.5	-2	2.3	0.5	16	68	66	4.04	10
9480-05	125.9	126.2	KBX2	A9428008	VR09736A	-5	-0.2	2.62	12	100	-0.5	-2	2.82	0.5	14	70	24	4.2	10
9480-05	126.2	128.3	KBX2	A9428008	VR09737A	-5	0.2	1.68	24	310	-0.5	-2	3.25	0.5	13	83	27	2.85	10
9480-05	128.3	130.1	KBX2	A9428008	VR09738A	-5	0.2	1.79	18	890	-0.5	-2	3.93	0.5	15	94	27	2.94	10
9480-05	130.1	132.1	KBX2	A9428008	VR09739A	-5	0.2	1.56	6	520	-0.5	-2	3.22	0.5	12	71	25	2.75	-10
9480-05	132.1	134	KBX2	A9428008	VR09740A	-5	0.2	1.71	6	360	-0.5	-2	3.17	1	13	99	27	3.18	10
9480-05	134	136.1	KBX2	A9428008	VR09741A	-5	0.2	1.33	2	380	-0.5	-2	3.05	0.5	11	68	25	2.66	-10
9480-05	136.1	138.3	KBX2	A9428008	VR09742A	-5	0.2	1.56	2	520	-0.5	-2	2.94	1	20	95	27	2.73	-10
9480-05	138.3	139.7	KBX2	A9428008	VR09743A	-5	0.2	1.47	12	390	-0.5	-2	2.36	-0.5	12	75	29	2.47	-10
9480-05	139.7	141.7	KBX2	A9428008	VR09744A	-5	0.2	1.18	6	460	-0.5	-2	1.95	0.5	8	65	19	1.85	-10
9480-05	141.7	143.7	KBX2	A9428008	VR09745A	-5	0.2	1.73	22	450	-0.5	-2	2.52	-0.5	13	77	29	2.82	10
9480-05	143.7	144.1	KBX2	A9428008	VR09746A	-5	0.2	2.03	24	260	-0.5	-2	2.61	-0.5	13	83	25	2.62	10
9480-05	144.1	146.1	KBX2	A9428008	VR09747A	-5	0.2	2.06	12	140	-0.5	-2	2.03	0.5	16	81	32	3	10
9480-05	146.1	147.1	KBX2	A9428008	VR09748A	-5	0.2	2.14	18	120	-0.5	-2	4	-0.5	12	65	22	3.07	-10
9480-05	147.1	149.2	KBX2	A9428008	VR09749A	-5	-0.2	1.73	4	100	-0.5	-2	3.08	0.5	13	63	26	2.76	10
9480-05	149.2	151.1	KBX2	A9428008	VR09750A	-5	0.2	1.87	6	110	-0.5	-2	2.51	0.5	13	65	26	2.94	10
9480-05	151.1	152.4	KBX2	A9428008	VR09751A	-5	0.2	2.56	68	130	-0.5	-2	3.92	0.5	13	83	27	3.58	10
9480-05	152.4	153.7	KBX2	A9428008	VR09752A	-5	-0.2	2.61	4	90	-0.5	-2	3.14	0.5	10	72	29	3.54	10
9480-05	153.7	155.6	KBX2	A9428008	VR09753A	-5	0.2	2.27	20	120	-0.5	-2	4.51	0.5	12	79	24	3.07	10
9480-05	155.6	157.6	KBX2	A9428008	VR09754A	-5	-0.2	2.17	20	280	-0.5	-2	5.63	0.5	13	75	28	2.74	-10
9480-05	157.6	159.2	KBX2	A9428008	VR09755A	-5	0.2	2.36	24	640	-0.5	2	2.71	0.5	15	83	27	3.14	10
9480-05	159.2	160.6	KBX2	A9428008	VR09756A	-5	0.2	2.05	20	250	-0.5	-2	2.76	1	14	70	27	3.52	10
9480-05	160.6	161.8	KBX2	A9428008	VR09757A	-5	0.2	2	20	140	-0.5	-2	3.47	0.5	14	77	28	3.18	10
9480-05	161.8	162.9	KBX2	A9428008	VR09758A	-5	0.2	1.95	6	210	-0.5	-2	4.14	1.5	13	84	29	2.97	-10
9480-05	162.9	164.4	KBX2	A9428008	VR09759A	-5	-0.2	2.47	16	150	-0.5	-2	3.34	-0.5	12	82	26	3.29	10
9480-05	164.4	165.8	KBX2	A9428008	VR09760A	-5	0.2	2.4	2	180	-0.5	-2	3.38	0.5	13	94	25	3.14	10
9480-05	165.8	166.8	KAT	A9428008	VR09761A	-5	-0.2	2.28	18	100	-0.5	-2	4.49	-0.5	11	83	27	3.19	-10
9480-05	166.8	168.6	KBX2	A9428008	VR09762A	-5	-0.2	2.14	10	80	-0.5	-2	3.08	1	15	73	27	3.28	-10
9480-05	168.6	170.8	KBX2	A9428008	VR09763A	-5	0.2	2.23	12	140	-0.5	-2	2.67	1	13	85	28	3.28	-10

Sample Number	Hg ppm (1ppm)	K % (.01%)	La ppm (10ppm)	Mg % (0.01%)	Mn ppm (5ppm)	Mo ppm (1ppm)	Na % (.01%)	Ni ppm (1ppm)	P ppm (10ppm)	Pb ppm (2ppm)	Sb ppm (2ppm)	Sc ppm (1ppm)	Sr ppm (1ppm)	Ti % (.01%)	Tl ppm (10ppm)	U ppm (10ppm)	V ppm (1ppm)	W ppm (10ppm)	Zn ppm (2ppm)
VR09720A	-1	0.46	20	1.05	525	2	0.02	59	1410	16	2	7	296	-0.01	-10	-10	41	-10	80
VR09721A	-1	0.33	20	1.52	830	1	0.02	44	1140	14	2	7	357	-0.01	-10	-10	37	-10	76
VR09722A	-1	0.37	10	2.84	1165	2	0.04	41	700	12	2	7	134	-0.01	-10	-10	48	10	104
VR09723A	-1	0.42	20	1.74	970	1	0.02	36	1220	16	2	8	359	-0.01	-10	-10	38	-10	72
VR09724A	-1	0.41	20	1.89	880	1	0.02	33	1210	14	2	7	352	-0.01	-10	-10	36	10	70
VR09725A	-1	0.41	20	1.69	815	1	0.02	35	1250	12	-2	8	336	-0.01	-10	-10	37	-10	72
VR09726A	-1	0.4	10	1.48	775	2	0.02	39	1160	14	2	7	274	-0.01	-10	-10	32	-10	72
VR09727A	-1	0.33	10	1.37	820	2	0.01	44	1120	16	-2	6	399	-0.01	-10	-10	38	-10	84
VR09728A	-1	0.41	20	1.38	810	1	0.01	44	1210	18	-2	6	428	-0.01	-10	-10	35	-10	74
VR09729A	-1	0.47	20	1.33	660	1	0.02	39	1310	14	2	6	380	-0.01	-10	-10	35	-10	66
VR09730A	-1	0.4	20	1.54	905	1	0.02	36	1230	14	-2	6	528	-0.01	-10	-10	38	10	74
VR09731A	-1	0.4	20	1.41	800	1	0.02	36	1270	12	-2	6	430	-0.01	-10	-10	36	10	70
VR09732A	-1	0.37	20	1.44	730	1	0.01	38	1270	12	2	5	478	-0.01	-10	-10	41	10	80
VR09733A	-1	0.38	10	1.46	1290	2	0.01	20	840	20	-2	5	801	-0.01	-10	-10	44	10	80
VR09734A	-1	0.48	20	1.71	1005	-1	0.01	59	970	16	2	9	253	-0.01	-10	-10	72	10	142
VR09735A	-1	0.49	10	1.68	920	1	0.02	57	880	16	-2	8	172	-0.01	-10	-10	65	10	124
VR09736A	-1	0.33	10	1.95	1020	2	0.01	62	1140	14	2	7	327	-0.01	-10	-10	45	10	108
VR09737A	-1	0.37	10	1.37	800	2	0.01	49	1290	12	2	6	377	-0.01	-10	-10	31	-10	84
VR09738A	-1	0.35	10	1.56	1035	2	0.01	54	1250	12	4	7	492	-0.01	-10	-10	36	10	82
VR09739A	-1	0.19	10	1.33	715	1	0.01	48	1220	12	2	4	366	-0.01	-10	-10	26	-10	80
VR09740A	-1	0.31	10	1.69	885	1	0.02	49	1230	16	-2	6	282	-0.01	-10	-10	35	10	84
VR09741A	-1	0.22	10	1.38	725	1	0.01	43	1250	10	-2	5	294	-0.01	-10	-10	25	-10	68
VR09742A	-1	0.32	10	1.37	580	1	0.01	68	1210	12	2	4	275	-0.01	-10	-10	27	-10	82
VR09743A	-1	0.25	10	1.1	430	2	0.01	44	1340	14	-2	4	274	-0.01	-10	-10	25	-10	70
VR09744A	-1	0.27	10	0.88	390	2	0.01	29	910	12	-2	3	188	-0.01	-10	-10	23	-10	54
VR09745A	-1	0.33	20	1.22	580	2	0.01	45	1260	18	-2	5	257	-0.01	-10	-10	33	-10	82
VR09746A	-1	0.5	20	1.21	400	1	0.02	34	1270	12	-2	6	273	-0.01	-10	-10	37	-10	58
VR09747A	-1	0.38	10	1.2	365	2	0.02	51	1290	14	4	4	258	-0.01	-10	-10	35	-10	74
VR09748A	-1	0.34	10	2.28	645	2	0.02	47	1090	14	-2	5	292	-0.01	-10	-10	35	10	70
VR09749A	-1	0.27	10	1.39	690	1	0.01	44	1350	16	-2	6	298	-0.01	-10	-10	34	-10	56
VR09750A	-1	0.27	10	1.3	650	1	0.01	37	1240	14	-2	4	261	-0.01	-10	-10	35	10	56
VR09751A	-1	0.37	10	2.28	885	16	0.02	38	1130	8	-2	7	339	-0.01	-10	-10	50	10	80
VR09752A	1	0.27	10	2.28	685	6	0.01	35	930	18	4	6	275	-0.01	-10	-10	53	10	82
VR09753A	-1	0.36	10	2.4	955	2	0.02	36	1090	8	2	6	366	-0.01	-10	-10	42	10	48
VR09754A	-1	0.21	10	2.29	1075	1	0.01	46	1010	12	-2	4	611	-0.01	-10	-10	32	10	46
VR09755A	-1	0.42	10	1.41	505	2	0.01	47	1180	18	-2	4	352	-0.01	-10	-10	37	-10	78
VR09756A	-1	0.23	10	1.49	705	1	0.01	41	1200	16	2	5	329	-0.01	-10	-10	40	10	116
VR09757A	-1	0.33	10	1.51	630	1	0.02	40	1190	12	2	6	385	-0.01	-10	-10	39	10	80
VR09758A	-1	0.44	10	2.06	835	2	0.02	36	1060	12	-2	7	276	-0.01	-10	-10	41	10	184
VR09759A	-1	0.41	10	1.78	710	2	0.02	36	1110	18	2	6	302	-0.01	-10	-10	48	10	96
VR09760A	-1	0.45	10	1.66	725	2	0.02	32	1190	14	2	7	332	-0.01	-10	-10	52	10	82
VR09761A	-1	0.34	10	2.39	965	1	0.02	30	970	14	-2	7	301	-0.01	-10	-10	46	10	56
VR09762A	-1	0.19	-10	1.73	560	2	0.01	38	1250	10	-2	6	323	-0.01	-10	-10	40	10	152
VR09763A	-1	0.28	-10	1.62	520	3	0.02	40	1240	14	-2	6	264	-0.01	-10	-10	44	10	194

Sample Number	Hg ppm (1ppm)	K % (.01%)	La ppm (10ppm)	Mg % (0.01%)	Mn ppm (5ppm)	Mo ppm (1ppm)	Na % (.01%)	Ni ppm (1ppm)	P ppm (10ppm)	Pb ppm (2ppm)	Sb ppm (2ppm)	Sc ppm (1ppm)	Sr ppm (1ppm)	Ti % (.01%)	Tl ppm (10ppm)	U ppm (10ppm)	V ppm (1ppm)	W ppm (10ppm)	Zn ppm (2ppm)
VR09676A	-1	0.38	20	0.73	605	-1	0.02	78	1320	20	4	6	434	-0.01	-10	-10	31	-10	68
VR09677A	-1	0.39	20	0.63	605	1	0.04	106	1330	26	-2	5	458	-0.01	-10	-10	34	-10	52
VR09678A	-1	0.37	20	1.9	830	-1	0.02	150	1120	24	4	9	514	-0.01	-10	-10	64	10	120
VR09679A	-1	0.37	20	0.76	265	5	0.02	89	930	10	-2	6	170	-0.01	-10	-10	49	-10	46
VR09680A	-1	0.36	20	1.2	510	-1	0.02	123	1270	16	-2	6	444	-0.01	-10	-10	49	-10	70
VR09681A	-1	0.37	20	0.9	630	1	0.02	100	1130	12	2	6	380	-0.01	-10	-10	37	-10	56
VR09682A	-1	0.32	20	1.12	460	-1	0.02	173	1220	14	-2	6	330	-0.01	-10	-10	37	-10	62
VR09683A	-1	0.32	20	1.73	650	-1	0.02	164	1240	10	2	6	419	-0.01	-10	-10	41	10	88
VR09684A	-1	0.23	10	1.7	1080	3	0.02	115	970	16	4	9	652	-0.01	-10	-10	61	10	94
VR09685A	-1	0.33	20	1.38	535	-1	0.02	127	1340	10	2	6	417	-0.01	-10	-10	39	-10	68
VR09686A	-1	0.31	20	1.76	615	-1	0.02	116	1240	12	2	8	388	-0.01	-10	-10	52	10	76
VR09687A	-1	0.31	20	1.26	480	4	0.02	119	1280	14	2	6	353	-0.01	-10	-10	46	-10	66
VR09688A	-1	0.33	20	1.26	620	-1	0.03	97	1290	16	2	5	395	-0.01	-10	-10	39	-10	58
VR09689A	-1	0.28	20	2.09	860	1	0.02	104	1210	20	2	7	481	-0.01	-10	-10	47	10	64
VR09690A	-1	0.3	20	1.51	780	2	0.02	55	1400	16	-2	6	247	-0.01	-10	-10	49	-10	94
VR09691A	-1	0.26	10	1.34	1140	8	0.02	78	1010	20	4	11	466	-0.01	-10	-10	79	10	154
VR09692A	-1	0.33	20	1.15	670	6	0.03	59	1410	16	4	6	228	-0.01	-10	-10	48	-10	102
VR09693A	-1	0.31	20	1.01	690	2	0.03	53	1360	18	2	5	322	-0.01	-10	-10	44	-10	88
VR09694A	-1	0.29	20	1.11	770	2	0.02	54	1270	12	-2	5	281	-0.01	-10	-10	42	-10	76
VR09695A	-1	0.3	20	1.42	770	3	0.02	59	1330	14	4	6	306	-0.01	-10	-10	51	-10	104
VR09696A	-1	0.28	20	1.4	805	2	0.02	44	1310	8	2	6	312	-0.01	-10	-10	44	-10	98
VR09697A	-1	0.24	10	1.35	665	3	0.02	45	1190	12	-2	6	285	-0.01	-10	-10	43	-10	94
VR09698A	-1	0.24	20	1.53	740	2	0.02	47	1260	16	2	6	318	-0.01	-10	-10	47	-10	104
VR09699A	-1	0.25	20	1.46	785	2	0.02	45	1310	10	4	6	311	-0.01	-10	-10	44	-10	106
VR09700A	-1	0.26	20	1.46	805	3	0.02	50	1360	18	2	6	340	-0.01	-10	-10	43	-10	110
VR09701A	-1	0.26	20	1.47	710	3	0.02	58	1300	16	2	6	262	-0.01	-10	-10	45	-10	106
VR09702A	-1	0.32	20	1.29	605	2	0.02	53	1330	12	4	6	228	-0.01	-10	-10	44	-10	96
VR09703A	-1	0.32	20	1.38	685	2	0.02	49	1350	16	2	6	286	-0.01	-10	-10	45	-10	108
VR09704A	-1	0.33	20	1.46	720	2	0.02	52	1320	12	-2	6	318	-0.01	-10	-10	44	-10	102
VR09705A	-1	0.35	20	1.54	700	2	0.02	52	1440	18	-2	6	329	-0.01	-10	-10	48	-10	102
VR09706A	-1	0.4	20	1.39	710	2	0.02	64	1320	14	2	6	354	-0.01	-10	-10	52	-10	108
VR09707A	-1	0.43	20	1.27	750	3	0.02	77	1310	16	2	7	517	-0.01	-10	-10	56	-10	94
VR09708A	-1	0.43	20	1.4	685	2	0.02	73	1330	16	-2	6	312	-0.01	-10	-10	53	-10	98
VR09709A	-1	0.36	20	1.62	685	2	0.02	53	1400	14	-2	6	388	-0.01	-10	-10	49	10	96
VR09710A	-1	0.33	10	1.76	705	2	0.02	53	1270	12	-2	6	456	-0.01	-10	-10	50	10	96
VR09711A	-1	0.29	20	2.1	835	2	0.02	64	1290	14	4	8	541	-0.01	-10	-10	64	10	84
VR09712A	-1	0.3	20	1.64	680	1	0.02	39	1290	16	-2	6	465	-0.01	-10	-10	52	10	74
VR09713A	-1	0.34	10	1.39	880	-1	0.02	42	880	12	-2	7	138	-0.01	-10	-10	50	-10	102
VR09714A	-1	0.38	10	1.3	825	-1	0.01	54	950	12	2	9	119	-0.01	-10	-10	72	-10	134
VR09715A	-1	0.39	20	1.42	930	-1	0.01	49	970	14	2	9	107	-0.01	-10	-10	64	10	126
VR09716A	-1	0.43	20	1.24	550	2	0.02	58	1460	16	2	5	386	-0.01	-10	-10	48	-10	90
VR09717A	-1	0.49	20	0.87	460	2	0.02	79	1460	16	-2	4	277	-0.01	-10	-10	39	-10	62
VR09718A	-1	0.49	20	1.16	360	2	0.02	85	1310	14	2	6	179	-0.01	-10	-10	51	-10	84
VR09719A	-1	0.44	20	0.85	345	2	0.02	71	1430	16	4	4	181	-0.01	-10	-10	37	-10	58

Hole No.	From (m)	To (m)	Lithology	Chemex Certificate No.	Sample Number	Au ppb (5ppb)	Ag ppm (.2ppm)	Al % (0.01%)	As ppm (2ppm)	Ba ppm (10ppm)	Be ppm (.5ppm)	Bi ppm (2ppm)	Ca % (0.01%)	Cd ppm (.5ppm)	Co ppm (1ppm)	Cr ppm (1ppm)	Cu ppm (1ppm)	Fe % (0.01%)	Ga ppm (10ppm)
9480-05	170.8	172.6	KBX2	A9428008	VR09764A	-5	-0.2	2.03	-2	90	-0.5	-2	2.59	1	14	65	32	3.19	-10
9480-05	172.6	174.1	KBX2	A9428008	VR09765A	-5	0.2	2.27	8	130	-0.5	-2	3.06	0.5	14	64	25	3.36	-10
9480-05	174.1	175.1	KBX2	A9428008	VR09766A	-5	-0.2	2.15	12	130	-0.5	-2	3.33	1	15	55	28	3.15	-10
9480-05	175.1	176.7	KBX2	A9428008	VR09767A	-5	0.2	2.25	14	120	-0.5	-2	2.78	1	14	62	25	3.19	10
9480-05	176.7	177.7	KBX2	A9428008	VR09768A	-5	0.2	2.3	22	70	-0.5	2	3.27	-0.5	12	67	26	3.53	-10
9480-05	177.7	178.6	KBX2	A9428008	VR09769A	-5	0.2	2.13	10	170	-0.5	-2	2.5	1	13	77	29	3.07	10
9480-05	178.6	180	KBX2	A9428008	VR09770A	-5	0.2	2.28	8	100	-0.5	-2	2.39	0.5	16	89	29	3.38	-10
9480-05	180	181.4	KBX2	A9428008	VR09771A	-5	0.2	2.39	24	90	-0.5	-2	3.02	0.5	16	71	27	3.47	-10
9480-05	181.4	183.5	KBX2	A9428008	VR09772A	-5	-0.2	2.29	44	60	-0.5	-2	3.93	-0.5	14	88	30	3.75	10
9480-05	183.5	184.4	KBX2	A9428008	VR09773A	-5	0.2	2.35	32	120	-0.5	-2	3.44	-0.5	15	99	22	3.47	10
9480-05	184.4	186.2	KBX2	A9428008	VR09774A	-5	-0.2	2.2	34	80	-0.5	-2	3.23	-0.5	14	66	23	3.38	-10
9480-05	186.2	187.5	KBX2	A9428008	VR09775A	-5	0.2	2.29	46	170	-0.5	-2	2.83	-0.5	12	79	17	3.3	10
9480-05	187.5	189.5	KBX2	A9428008	VR09776A	-5	-0.2	2.5	22	160	-0.5	-2	3.46	0.5	14	84	23	3.25	10
9480-05	189.5	191.5	KBX2	A9428008	VR09777A	-5	0.2	2.37	12	170	-0.5	-2	3.15	0.5	14	74	24	3.28	10
9480-05	191.5	193.5	KBX2	A9428008	VR09778A	-5	0.2	2.63	10	130	-0.5	-2	3.25	0.5	15	86	29	3.67	10
9480-05	193.5	195.5	KBX2	A9428008	VR09779A	-5	0.2	2.49	4	120	-0.5	-2	3.45	0.5	14	85	27	3.54	10
9480-05	195.5	197.5	KBX2	A9428008	VR09780A	-5	-0.2	2.36	10	120	-0.5	-2	3.49	0.5	15	77	25	3.41	10
9480-05	197.5	199.4	KBX2	A9428008	VR09781A	-5	-0.2	2.63	8	130	-0.5	-2	3.45	0.5	14	89	26	3.76	10
9480-05	199.4	201.4	KBX2	A9428008	VR09782A	-5	-0.2	2.21	12	120	-0.5	-2	3.44	-0.5	16	76	27	3.29	10
9480-05	201.4	203.3	KBX2	A9428008	VR09783A	-5	-0.2	2.54	-2	140	-0.5	-2	3.54	0.5	14	92	28	3.42	10
9480-05	203.3	205.3	KBX2	A9428008	VR09784A	-5	-0.2	2.5	6	150	-0.5	-2	3.15	-0.5	14	87	23	3.48	10
9480-05	205.3	207.3	KBX2	A9428008	VR09785A	-5	-0.2	2.38	4	160	-0.5	-2	2.91	-0.5	13	81	24	3.13	10
9480-05	207.3	209.3	KBX2	A9428008	VR09786A	-5	-0.2	2.52	2	180	-0.5	-2	3.71	-0.5	13	104	29	3.13	10
9480-05	209.3	211.3	KBX2	A9428008	VR09787A	-5	0.2	2.12	6	120	-0.5	-2	3.49	-0.5	14	67	25	2.9	10
9480-05	211.3	213.3	KBX2	A9428008	VR09788A	-5	-0.2	2.53	4	200	-0.5	-2	3.93	0.5	15	95	27	3.03	10
9480-05	213.3	215.5	KBX2	A9428008	VR09789A	-5	0.2	2.44	6	190	-0.5	-2	3.45	-0.5	10	45	22	2.8	10

Sample Number	Hg ppm (1ppm)	K % (.01%)	La ppm (10ppm)	Mg % (0.01%)	Mn ppm (5ppm)	Mo ppm (1ppm)	Na % (.01%)	Ni ppm (1ppm)	P ppm (10ppm)	Pb ppm (2ppm)	Sb ppm (2ppm)	Sc ppm (1ppm)	Sr ppm (1ppm)	Ti % (.01%)	Tl ppm (10ppm)	U ppm (10ppm)	V ppm (1ppm)	W ppm (10ppm)	Zn ppm (2ppm)
VR09764A	-1	0.17	-10	1.63	540	2	0.01	38	1290	16	-2	4	256	-0.01	-10	-10	37	-10	142
VR09765A	-1	0.26	-10	1.86	755	1	0.02	38	1320	18	-2	5	262	-0.01	-10	-10	39	10	62
VR09766A	-1	0.2	-10	1.83	890	2	0.01	40	1290	16	2	4	491	-0.01	-10	-10	33	10	118
VR09767A	-1	0.34	-10	1.67	845	1	0.01	37	1200	24	4	4	269	-0.01	-10	-10	38	10	98
VR09768A	-1	0.23	-10	1.92	760	2	0.01	35	1100	16	2	5	265	-0.01	-10	-10	37	10	76
VR09769A	-1	0.33	10	1.48	535	2	0.01	35	1470	16	-2	4	251	-0.01	-10	-10	38	-10	108
VR09770A	-1	0.31	-10	1.63	720	3	0.01	44	1410	18	-2	5	234	-0.01	-10	-10	41	-10	100
VR09771A	-1	0.29	-10	1.89	920	1	0.01	42	1410	16	4	6	258	-0.01	-10	-10	47	10	100
VR09772A	-1	0.17	-10	2.21	760	-1	0.01	69	1020	12	-2	7	330	-0.01	-10	-10	46	10	46
VR09773A	-1	0.34	10	2.02	600	1	0.02	56	1010	12	-2	6	269	-0.01	-10	-10	46	10	42
VR09774A	-1	0.21	-10	1.93	765	1	0.01	35	1240	6	2	5	250	-0.01	-10	-10	41	10	24
VR09775A	-1	0.4	10	1.63	760	2	0.02	38	1210	12	2	6	259	-0.01	-10	-10	43	10	54
VR09776A	-1	0.4	-10	1.92	935	1	0.02	37	1280	30	2	6	306	-0.01	-10	-10	49	10	130
VR09777A	-1	0.36	-10	1.85	945	1	0.02	37	1250	28	4	5	306	-0.01	-10	-10	43	-10	94
VR09778A	-1	0.36	-10	1.99	920	2	0.02	43	1410	26	2	6	343	-0.01	-10	-10	51	10	122
VR09779A	-1	0.32	-10	1.93	805	1	0.02	39	1280	20	-2	6	355	-0.01	-10	-10	53	10	70
VR09780A	-1	0.33	-10	1.75	625	1	0.02	40	1250	12	-2	6	334	-0.01	-10	-10	48	10	50
VR09781A	-1	0.32	10	1.94	735	1	0.02	43	1210	14	2	7	316	-0.01	-10	-10	59	10	58
VR09782A	-1	0.25	-10	1.66	695	1	0.02	50	1310	14	2	6	354	-0.01	-10	-10	50	10	58
VR09783A	-1	0.34	10	1.86	710	3	0.02	44	1310	12	-2	7	331	-0.01	-10	-10	53	10	62
VR09784A	-1	0.36	10	1.69	655	2	0.03	39	1290	6	-2	8	377	-0.01	-10	-10	55	10	54
VR09785A	-1	0.38	10	1.51	515	1	0.03	40	1300	6	-2	6	404	-0.01	-10	-10	48	-10	42
VR09786A	-1	0.39	10	1.79	600	2	0.03	41	1150	8	-2	8	397	-0.01	-10	-10	60	10	38
VR09787A	-1	0.27	10	1.56	445	2	0.03	42	1340	6	2	6	414	-0.01	-10	-10	44	-10	30
VR09788A	-1	0.47	10	1.71	530	1	0.04	41	1340	10	-2	8	449	-0.01	-10	-10	58	10	28
VR09789A	-1	0.46	10	1.59	445	3	0.04	24	1100	6	4	6	384	-0.01	-10	-10	45	-10	18

DAGO HILL

PREIDO HILL

PARADISE HILL

NUGGET HILL

80 PUP BOUNDARY

ESCAN GRID

Right Pup

Last Chance Creek

Eight Pup

4 Above Pup

Hunker Creek

Nansens Gulch

Henrietta Pup

Last Chance Creek

Trolley Gulch

Hester Creek

Intermittent Creek

Mid Main Cold Creek

large quartz lenses in quartz muscovite schist

graphitic schist

VR00124
VR00125

graphitic & quartz muscovite schist

old pits

mudstone/siltstone

andesite

no outcrop

mudstone, black matrix breccia & andesite

VR01704

VR00922
VR00926
VR00927

boked breccia mudstone

andesite calcite magnetic

VR05536–40
VR01120–23

interbedded siltstone, pyroclastic breccia and tuff 010/30

andesite/mudstone

old placer works

VR01118

old placer drain ditch

VR01119

VR01117

andesite/siltstone

old trench

andesite subcrop

andesite subcrop 1–2mm feldspars

94–80–01 –80°

VR16566
VR16567
VR16568

green altered ultramafic?

folded graphitic schist, conglomerate siltstone

ultramafic mudstone andesite

limey beds

sandstone/mudstone calcite on fractures

pit VR01116 andesite with minor breccia

bleached andesite

green andesite 1mm. feldspar phenocrysts

White Channel Gravel

thinly laminated broken mudstone with White Channel Gravel on top in pit

VR00923

andesite

94–80–04 –80°

sandstone float/subcrop

pale green grit

sandstone & mudstone

fresh andesite weak magnetite

muscovite quartz schist weakly graphitic

VR01115

graphitic schist overlying quartz muscovite chlorite schist

trench with graphitic schist

VR01701

andesite

VR00922

andesite subcrop

graphitic schist in creek bed 1% pyrite

VR01114

locally hematitic

andesite subcrop

94–80–02 –80°

94–80–03 –80°

muscovite chlorite schist parallel & cross–cutting quartz veins

VR29984

strongly weathered muscovite chlorite schist & graphitic schist abundant quartz veins parallel to foliation

75% graphitic schist float placer workings, parallel quartz vein

actinolite

phyllitically altered schist boulders

crenulated chlorite quartz schist pyrite cubes

graphitic schist VR01762A quart–vein, pyrite

VR01761A

graphitic schist & ultramafic boulders

small fragments muscovity quartz schist /quartz muscovite schist with parallel quartz vein

old road cut quartz muscovite schist quartz feldspar auger schist

deeply weathered rusty & micaceous schist

massive ultramafic float

strongly weathered graphitic schist textured schist

VR01756,57A

VR01759A

VR01765A

VR01764A placer workings /dredge workings?

VR01763A float–placer workings material dredge workings?

VR01769–72A outcrop, float parallel quartz vein

VR01768

VR01773A placer dredge workings, quartz parallel, pyrite, trace galena

tailings material

VR01778A pyrite schist?

VR01776A talus/float? crosscutting quartz rocks

VR01127–28A

wet road no outcrop but quartz and schist float

VR01112 bull quartz vein > 1 metre

quartz vein

mud/siltstone

pit graphitic schist

mudstone, graphitic & quartz muscovite chlorite schist

VR01113

VR01111 quartz muscovite chlorite schist

no outcrop

outcrop

subcrop

bedding

foliation

VR01114 × rock sample – outcrop

VR01112 △ rock sample – float

trench

drill hole

road

river

elevation contour

Note: Samples outside the 80–Pup Boundary are reported in Klondike Gold Report. (Kennecott Canada Inc., 1995)

093319

contour interval 20 feet

scale: 1:10,000

0 100 200 300 600 metres

Kennecott Canada Inc.
Vancouver

KLONDIKE GOLD
80 PUP AREA
PROPERTY GEOLOGY & ROCK SAMPLES
YUKON, CANADA

NTS: 1150/15,11GB/2	Projection: UTM(NAD83)	Drawn by: HO
Date: 28/07/95	Author:	Figure 6
File: 4KG80GE0	Scale: 1:10,000	

Fri Jul 28 14:01:53 1995

591500E 592000E 592500E 593000E 593500E 594000E 594500E 595000E

7099000N 7098500N 7098000N 7097500N 7097000N 7096500N 7096000N 7095500N

60450.90
60422.60
60395.40
60373.50
60354.40
60340.60
60324.90
60310.40
60296.80
60286.50
60274.30
60262.50
60251.00
60242.20
60231.40
60220.60
60210.20
60202.00
60191.70
60181.40
60171.10
60160.80
60152.60
60142.10
60131.30
60120.50
60111.70
60100.30
60088.50
60076.20
60065.90
60052.40
60037.80
60022.10
60008.40
59989.20
59967.30
59940.20
59911.90
59861.50

Magnetic Intensity
(nT)

093319

Scale 1:10000

200 0 200 400 600
(meters)

Kennecott Canada Inc.
Vancouver

80 PUP

GROUND MAGNETICS
(2x HANNING FILTER)

YUKON, CANADA

Date: 07\05\93	Author:	
File: ESCANH2	PS:	