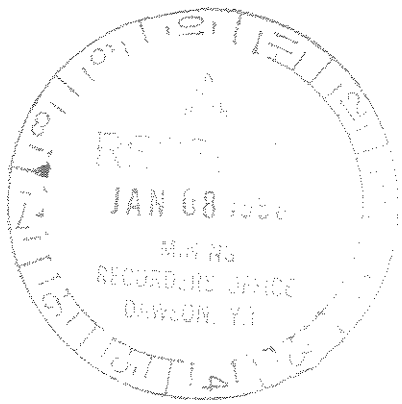
ASSESSMENT REPORT ON 1995 GEOLOGICAL AND GEOCHEMICAL WORK AT THE AM 1-120 CLAIMS

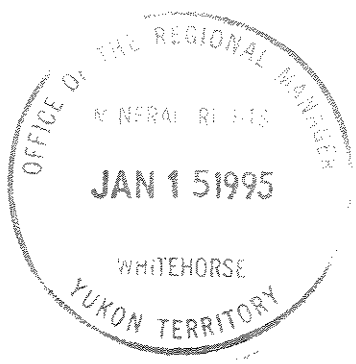
093422



AM 1-40 (YB52734-73)
AM 47-56 (YB 52780-89)
AM 57F (YB52790)
AM 59-60 (YB52791-92)
AM 62-80 (YB 52794-812)
AM 82-120 (YB52814-52)
AM 61 (YB52893)
AM 81 (YB 52894)

DAWSON MINING DISTRICT, YUKON TERRITORY
NTS 116B/1 AND 116B/8

Latitude: 64° 15'N
Longitude: 138° 13'W



Work conducted: July - September, 1995

OWNER AND OPERATOR:
Kennecott Canada Inc.
354 - 200 Granville Street
Vancouver, B.C.
V6C 1S4

Prepared by: Tom Heah

Date: December 23, 1995

SUMMARY

The AM 1-120 claims comprise a set of 113 contiguous claims, which are part of the larger Antimony Mountain property, consisting of the Buz, Hud and PM claims. The property is located in the Antimony Mountain area, situated in the Dawson Mining District, Yukon Territory. It is helicopter-accessible from Dawson City, 68km to the southwest.

The Antimony Mountain property was first identified in early 1994 as an attractive gold exploration target during a regional compilation program. Similarities in granitoid geology and gold mineralization between the Antimony Mountain area and other gold prospects in the McQuesten mineral belt to the east led to a reconnaissance sampling program during the summer of 1994. The property was staked in October, 1994, after highly anomalous stream, rock and soil sampling results were obtained. Work performed at the AM claims in 1995 consisted of 1:10,000 scale geological mapping, geophysical interpretation, and rock, soil and stream sediment sampling. The objective of this work was to identify and locate a bulk-mineable gold deposit within the property.

Located within the western edge of the Selwyn Basin, the AM claims are underlain by continental margin, Proterozoic to Lower Cambrian Hyland Group clastic metasedimentary rocks to the north, and the Ordovician to Devonian Road River and Devonian and Mississippian Earn Groups to the south. Late Cretaceous monzonite, syenite and diorite of the Antimony Mountain stock, and numerous porphyritic and non-porphyritic, largely undersaturated dykes, intrude the supracrustal sequences. The Antimony Mountain stock is correlated with the Tombstone suite of intrusions, which host two important, potentially bulk-mineable gold deposits, within a similar tectonic setting - the Fort Knox and Dublin Gulch deposits.

A total of 106 rock, 197 soil, and 22 fine fraction and 4 heavy mineral drainage samples, were collected during the 1995 program. This geochemical sampling defined several gold anomalous areas west of Jan Creek and south of Skarn Gulch; east of Jan Creek near Toby Creek; at the headwaters of Camp Creek, and a small area at the head of Hawk Creek. The anomalous areas lie wholly within monzonite and syenite of the Antimony Mountain stock. This zone of anomalous gold values also corresponds to a relatively magnetically quiet area, which may represent a zone of more intense alteration. Drainage sampling has also defined a uranium rich zone between Skarn Gulch and the north fork of Camp Creek. This zone is slightly displaced to the northwest of the gold-anomalous zone.

Mineralization consists of fracture-controlled, vein, and lesser disseminated, arsenopyrite, chalcopyrite and stibnite, in granitoid rocks, metasedimentary rocks, calc-silicate assemblages, and skarn. Alteration is weak, and consists, where observed, of silicification in the uppper part of North Valley, carbonate alteration along Rainbow Ridge, and quartz-tourmaline in brecciated metasedimentary rocks to the northwest of the AM Claims. Skarn is largely developed in hornfels zones proximal to granitic contacts. Gold mineralization is

most closely associated with arsenic, antimony and bismuth. Copper, tungsten and lead are also locally enriched.

Further work, including detailed geological mapping, rock, soil and drainage sampling, limited trenching and airborne radiometric surveying, are recommended for the property in 1996.

TABLE OF CONTENTS

LIST OF APPENDICES

LIST OF FIGURES

LIST OF TABLES

1.0 INTRODUCTION

The AM 1-120 claims are part of the larger Antimony Mountain property consisting of the Buz, Hud and PM claims. The AM claims were staked in October, 1994 to cover gold anomalous stream samples collected by Kennecott Canada geologists in August, 1994. Exploration work on the AM claims was carried out between July and September, 1995. The target of exploration is a bulk-mineable, intrusive-hosted gold deposit similar to deposits such as Fort Knox near Fairbanks, Alaska. This report covers prospecting, mapping and geochemical sampling carried out on the AM claims during 1995.

1.1 Location, Access and Topography

The AM claims are located in northwestern Yukon Territory, approximately 68km northeast of Dawson City (Fig. 1). The claims are centered on 64°15'N and 138°13'W on NTS mapsheets 116B/1 and 116B/8.

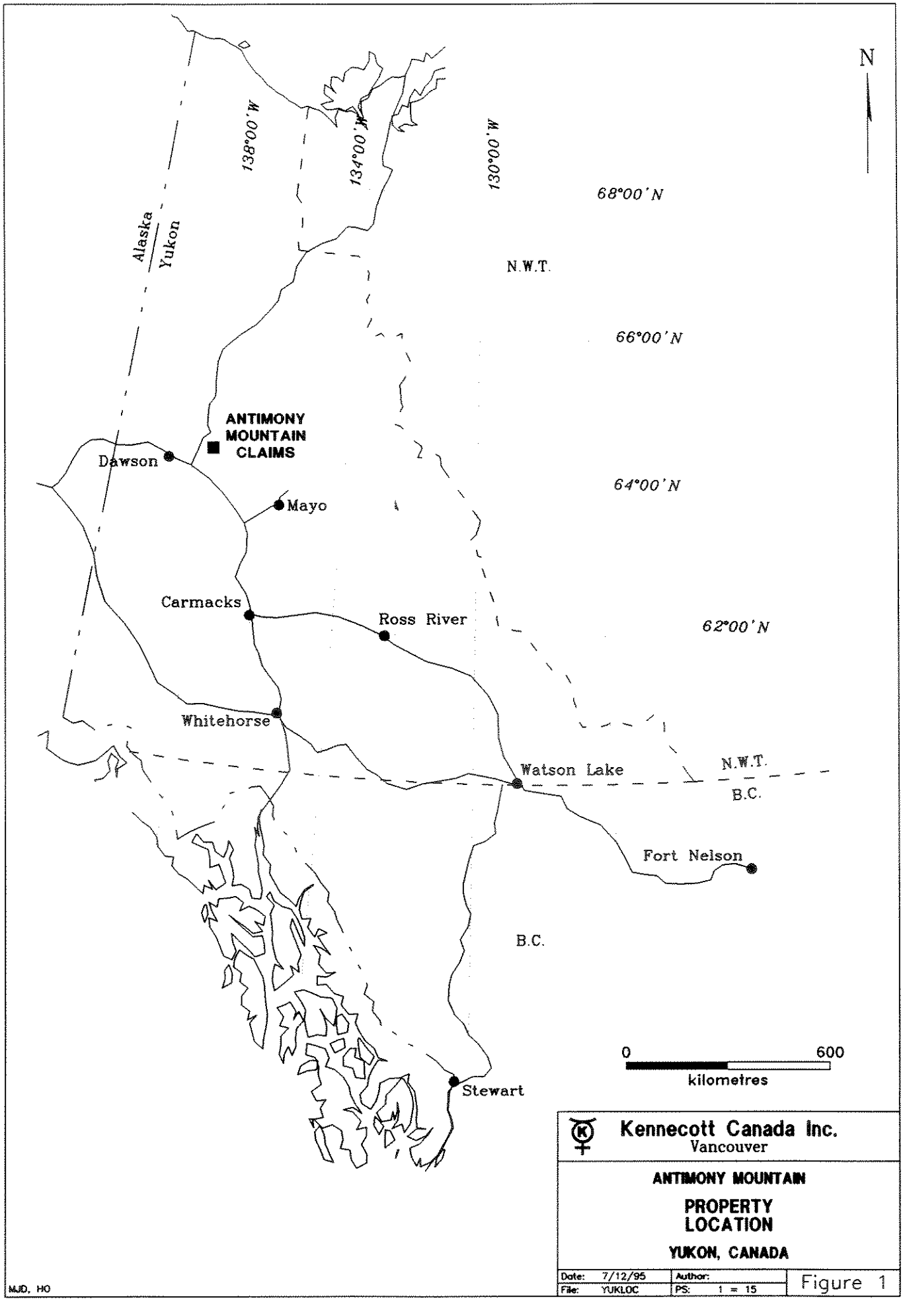
Access to the property is by helicopter, available from Dawson City. The closest transportation route is the Dempster Highway, located approximately 15km to the west.

The property is underlain by rugged terrain, developed as the result of weathering of well developed vertical joints in the largely granitoid terrain, and three episodes of Pleistocene glaciation (Bremner, 1994). Elevations on the property range from 1,120m to 2,036m, the elevation of Antimony Mountain, the highest peak on the property.

Most of the property is above treeline, at approximately 1,300m elevation. Vegetation in valley bottoms consists of alder and various sub-alpine shrubs.

1.2 Property Information

Located in the Dawson Mining District, the AM claims consist of 113 two-post unsurveyed, contiguous mineral claims, staked under the Yukon Quartz Mining Act (Figs. 1 and 2). The claims are shown on Yukon Quartz mapsheets 116B/1 and 116B/8. Claim data is listed below in Table 1.


N
138°00'W
134°00'W
130°00'W
68°00'N
66°00'N
64°00'N
62°00'N
Alaska
Yukon
N.W.T.
ANTIMONY
MOUNTAIN
CLAIMS
Dawson
Mayo
Carmacks
Ross River
Whitehorse
Watson Lake
N.W.T.
B.C.
Fort Nelson
B.C.
Stewart
0
600
kilometres
Kennecott Canada Inc.
Vancouver
ANTIMONY MOUNTAIN
PROPERTY
LOCATION
YUKON, CANADA
Date: 7/12/95
Author:
File: YUKLOC
PS: 1 = 15
Figure 1
MJD, HO

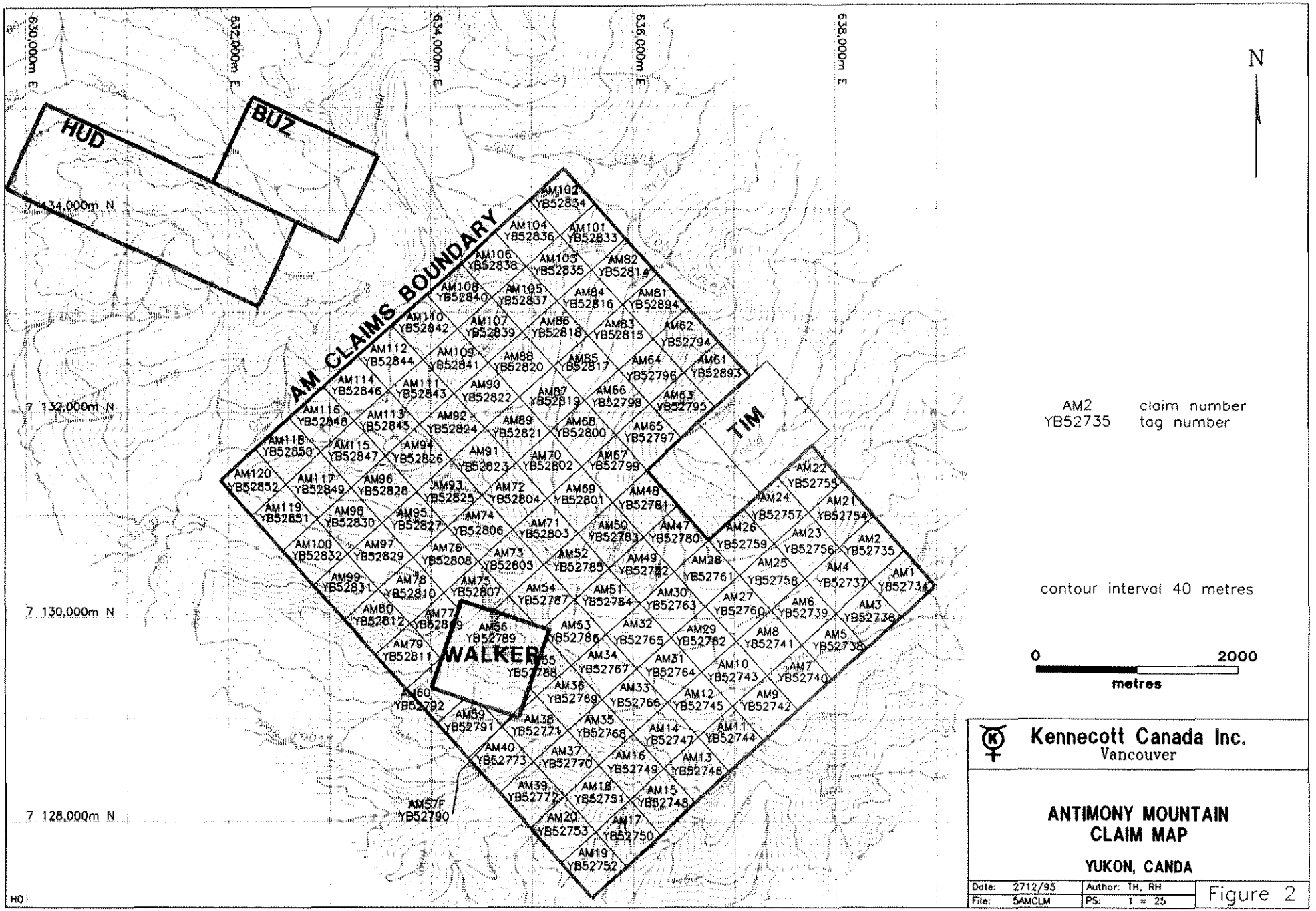

630,000m E
632,000m E
634,000m E
636,000m E
638,000m E
7 134,000m N
7 132,000m N
7 130,000m N
7 128,000m N
HUD
BUZ
AM CLAIMS BOUNDARY
TIM
WALKER
N
AM2 claim number
YB52735 tag number
contour interval 40 metres
0 2000
metres
Kennecott Canada Inc.
Vancouver
ANTIMONY MOUNTAIN
CLAIM MAP
YUKON, CANDA
Date: 2712/95
File: 5AMCLM
Author: TH, RH
PS: 1 = 25
Figure 2

Table 1. List of claims

Claim Name	Grant Number	Record Date	Expiry Date*
AM 1-40	YB52734-73	Oct. 3, 1994	July 3, 1998
AM 47-56	YB52780-89	Oct 3, 1994	July 3, 1998
AM 57F	YB52790	Oct. 3, 1994	July 3, 1998
AM 59-60	YB52791-92	Oct. 3, 1994	July 3, 1998
AM 61	YB52893	Oct. 3, 1994	July 3, 1998
AM 62-80	YB52794-812	Oct. 3, 1994	July 3, 1998
AM 81	YB52894	Oct. 3, 1994	July 3, 1998
AM 82-120	YB52814-52	Oct. 3, 1994	July 3, 1998

* Subject to approval of assessment work filed in this report.

The AM claims completely surround the Walker 1-4 claims, which cover the "Walker" vein, and partially surrounds the Tim Claims, which cover the AJ vein.

1.3 Past Exploration Work and Regional Mapping History

The Tombstone area was the target of gold miners in the early 1900's. This early work led to the discovery of gold-bearing stibnite veins on Antimony Mountain in 1916, and high grade silver veins in Spotted Fawn Gulch in 1901 (Bremner, 1994).

Regional geological mapping by the Geological Survey of Canada was carried out as part of the Ogilvie Mountains mapping project by Green (1961). In 1964-65, the Tombstone Mountain area, to the northwest of Antimony Mountain, was the topic of a doctoral dissertation by Tempelman-Kluit. There, a large resource of low-grade uranium was discovered between 1973-78. Other topical studies include regional mapping by Thompson and Roots (1982); geochemistry of the Tombstone stock by Olade and Goodfellow (1978) and petrologic studies of the Tombstone Plutonic Suite by Anderson (1987).

The earliest hard rock exploration in the Antimony Mountain area was by Conwest Exploration Co. Ltd., who staked the AJ claims on the eastern margin of the Antimony Mountain stock in 1966 following the discovery of gold-bearing arsenopyrite by Arthur John. Staking was follwed by geological mapping, prospecting, limited diamond drilling (four holes totalling 200.9m) and sampling.

In 1975, Pan Archeron Mines, together with Teck Corporation, optioned the AJ property from Conwest Exploration, and completed a program consisting of blast trenching, geology, geochemistry and two diamond drill holes totalling 90.5m. Because the option partners did not fulfill the agreement terms, the property reverted to Conwest Exploration. The confidential report which covers this program reports veins two feet wide containing 50% arsenopyrite, striking 290°, and hosted by quartzite. Also reported is a drill intersection of 3m grading 20.4g/t gold.

In 1976, Standard Oil Co. of B.C. carried out a geologic and radiometric survey on the C Claims located at Antimony Mountain.

The Thor 1-192 Claims were inititally staked by Anaconda Canada Exploration Ltd. in 1978 during reconnaissance exploration designed to locate the sources of stream sediment anomalies identified by the Geological Survey of Canada. Soil sampling and a MAX-MIN electromagnetic survey were carried in 1979. Because of instrument failure, however, the geophysical survey was of limited value. The following year, the property was mapped in detail; hand trenching was carried out on vein showings, and 4 NQ drill holes were drilled in the upper Antimony Creek, or North Valley, area.

In 1980, Riocanex completed six short lines of vertical loop EM. Results of the survey have not been obtained.

In 1983, a program of geochemistry and geophysics, including VLF-EM, vertical loop EM and magnetometer surveys, was conducted by Cody Hawk Resources Inc. and Conwest Exploration Co. Ltd.

The Thor property was allowed to lapse by Anaconda, and a portion was restaked as the Buz and Hud claims in 1987 by Kim Hudson, who collected rock samples on the property in 1986 and 1987. In 1988, Total Energold Corporation staked the Tooth claim group surrounding the Antimony Mountain stock, and in 1989, optioned the Buz and Hud claims from Hudson. Soil, stream and rock sampling outlined numerous anomalous areas. Mapping on the property at 1:10,000 scale revealed mineralized veins and breccias.

In 1994, Kennecott conducted a regional sampling program which included the Antimony Mountain area. The encouraging results from this sampling led to the staking of the AM claims in October, 1994.

1.4 1995 Work Program

The 1995 program consisted of 1:10,000 scale geological mapping and prospecting; rock, soil and stream sediment sampling, and geophysical interpretation of airborne magnetic and EM data flown for Energold Minerals in 1988 by Aerodat.

A total of 106 rock, 197 soil, 22 fine-fraction stream sediment and 4 heavy mineral samples, were collected during the program.

Exploration work in 1995 was carried out by Kennecott geologists: T. Heah, R. Hulstein, J. Hunt and N. Reardon, and field assistants J. Bond, R. Chapman, T. Pierce, L. Rawluk and K. Sinnott.

2.0 GEOLOGY

2.1 Regional Geology

The AM Claims are located on the western edge of the Selwyn Basin, south of the Mackenzie Platform. The Selwyn Basin was the site of Late Proterozoic to Jurassic deposition of clastic and minor volcanic rocks in a rift basin formed along the western continental margin of ancestral North America. The Selwyn Basin is separated from the Mackenzie Platform by the Dawson Fault (Fig. 3), with north vergent movement during the early to mid-Cretaceous (D. Murphy, pers. comm., 1995). The Mackenzie Platform is a continental shelf sequence comprising Middle Proterozoic to Middle Paleozoic carbonate and clastic sedimentary and volcanic rocks.

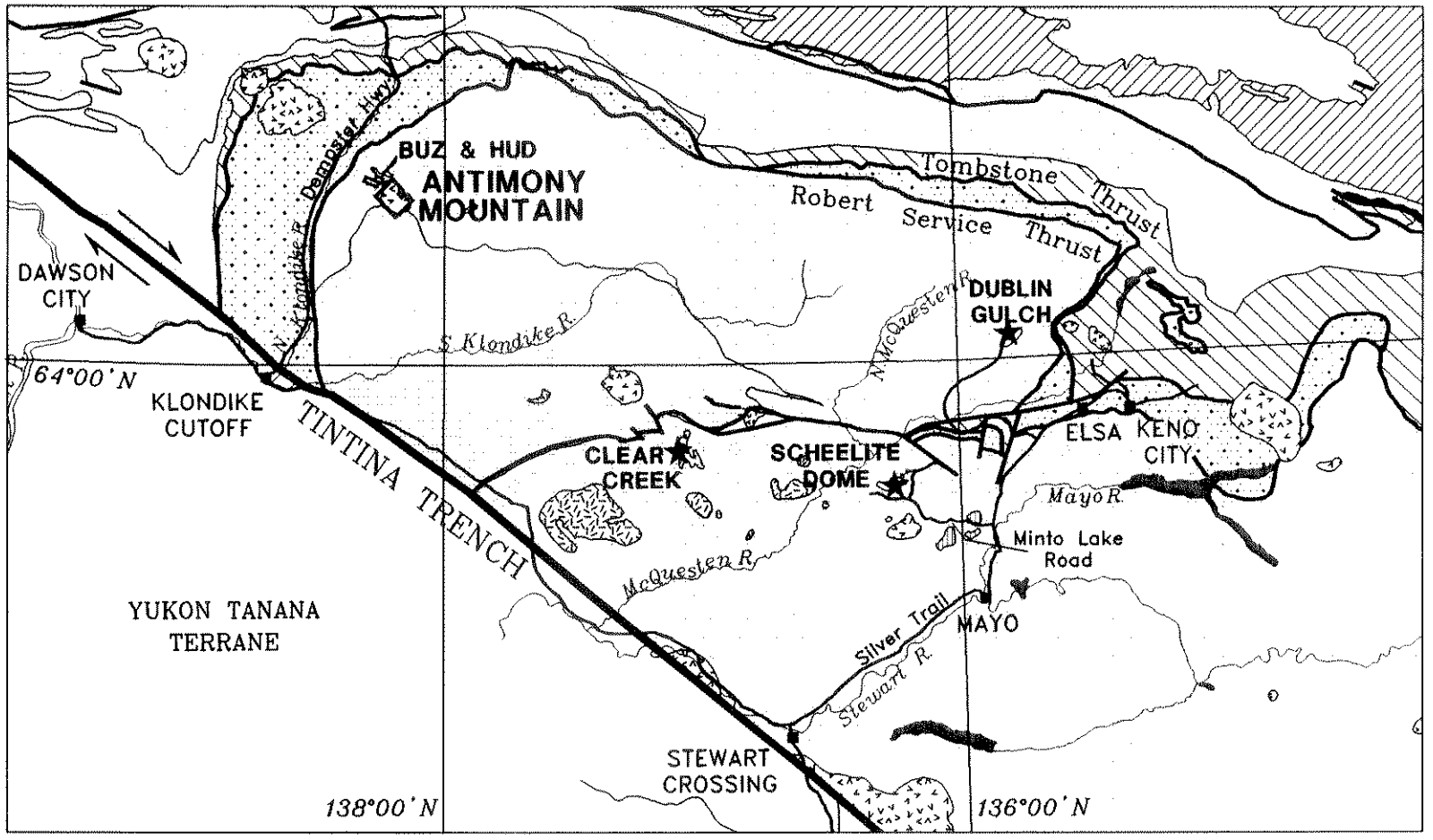
During the Early Cretaceous, Cordilleran-aged north verging thrusts imbricated Selwyn Basin stratigraphy. These complex structures are intruded in the Antimony Mountain area by Late Cretaceous, alkaline to slightly calc-alkaline, Tombstone Suite (89-92Ma) plutonic rocks. Tombstone Suite granitoids are reported to have A-type characteristics derived from partial melting of continental crust (Anderson, 1987).

To the southwest of the Antimony Mountain area, the Tintina Fault separates the Selwyn Basin from metamorphosed rocks of the Paleozoic Yukon-Tanana terrane (Mortensen, 1992). Up to 450km of dextral strike slip movement is thought to have occurred during the Late Cretaceous to early Tertiary along the Tintina Fault.

2.2 Property Geology

The Antimony Mountain area lies within a southeast-dipping sequence of rocks, located south of the Robert Service Thrust, and which are thickened by isoclinal folding and minor layer-parallel thrusts. The AM claims are underlain largely by the Late Cretaceous Antimony Mountain stock, consisting of monzonite, diorite and syenite cut by aplite and lamprophyre dykes. The stock intrudes metasedimentary rocks consisting of siltstone, quartzite, argillite and mudstone (Fig. 4). Phases within the stock are both porphyritic and equigranular, with locally developed trachytic textured bodies. Alteration assemblages are generally weakly developed to non-existent.

Quartzites at North Valley are interbedded with siltstone/argillite and minor cherty units. Disseminated pyrite and pyrrhotite mineralization, which is common in these rocks in North Valley, is in part stratigraphically controlled, and is typically concentrated in the siltstone units. Bedding is locally observed, and dips moderately to the south and southwest.



LATE CRETACEOUS IGNEOUS ROCKS

- MCQUESTEN PLUTONIC SUITE
- RHYOLITE
- TOMBSTONE PLUTONIC SUITE

PROTEROZOIC TO PALEOZOIC PERICRATONIC SEDIMENTS

- MISSISSIPPIAN
- DEVONIAN TO MISSISSIPPIAN
- CAMBRIAN TO DEVONIAN
- UPPER PROTEROZOIC TO LOWER CAMBRIAN
- MIDDLE PROTEROZOIC

- GOLD PROSPECTS
- THRUST FAULT
- FAULT
- ROAD

MJD

Kennecott Canada Inc.
Vancouver

ANTIMONY MOUNTAIN

REGIONAL GEOLOGY

YUKON, CANADA

Date: 7/12/95	Author: TH, RH
File: POR94AS	PS: 1 = 1

Figure 3

Numerous dykes occur on the AM Property, and were mapped as diorite by Total Energold. They are closely related to vein mineralization on the Hud claims in the Rainbow Vein area (Pelletier and Tucker, 1989).

Dykes observed in subcrop at Rainbow Ridge are intermediate in composition, potassium feldspar porphyritic, with elongated, rounded crystals up to 2 cm. Bioitite and hornblende also occur as phenocrysts which comprise less than 10% of the rock. A porphyry dyke which did not contain sulphides, but which was weakly carbonatized, ran 20 ppb Au. At North Valley, in the upper part of Antimony Creek, a 1m pyrrhotite-rich (10%) lamprophyre dyke (080/70) was observed cutting an arsenopyrite-bearing quartz vein.

2.3 Structure and Veins

Reconnaissance mapping has identified several faults on the property. Most faults, as well as mineralized veins at Antimony Mountain, trend east-west (AJ, JC, TT, Rainbow). In North Valley, fracture orientations are east-west, north-south, northeast-southwest and northwest-southeast; mineralized veins and faults observed trend east-west.

Other orientations are north-south (Walker Vein), north-northeast, northeast-southwest (Toby Vein) and northwest-southeast. These orientations are consistent with normal fault orientations mapped in the Tombstone area which are believed to be younger (Late Cretaceous or Early Tertiary) than northeast-southwest and east-west thrust-related structures (Early Cretaceous). In the Tombstone stock, northwest shears are associated with silicification, magnetite, fluorite and uranium, and NE shears appear to control the distribution of gold-bearing quartz-arsenopyrite-chalcopyrite-molybdenite veins.

Most mineralized vein samples were from float, but those found in place trend east-west. Mineralized (arsenopyrite +/- pyrite, chalcopyrite) quartz and quartz-tourmaline veins carry up to 3.07g/t gold. Numerous samples of breccia were taken, but most returned <5 ppb Au. One returned 30 ppb Au and another 20 ppb Au. In Antimony Creek, a set of close-spaced (1-5 cm) fractures (130/90) have associated chloritization and bleaching, but do not carry gold.

Four air photo lineaments cut the Antimony Mountain stock, as indicated by Bremner (1994). A NW-trending line occurs just outside the mapped boundary of the northwest corner of the stock. A NE-trending line cuts the NE corner of the stock and continues into wallrocks; a ESE-trending lineament cuts wallrocks and the border of the stock's SW corner, and another lineament cuts the valley containing Hawk Creek in the SE corner of the stock.

Diorite dykes generally trend north-south and east-west. Small, northeast-southwest striking, NW-verging thrust faults were mapped on the HUD claims, and are consistent with thrust faulting patterns observed in the Tombstone stock area north of the Robert Service Thrust. E-W-trending, north-verging thrusts are also mapped.

3.0 ALTERATION AND MINERALIZATION

Veins, veinlets, and breccias, with quartz and quartz-tourmaline (+/- sulphides) have been identified on the property. Pervasive alteration, however, has not been previously documented. Mapping and prospecting carried out on the claims in 1995 indicate that pervasive alteration is not widespread. Silicification is common in the upper part of North Valley, and is commonly associated with pyrite and pyrrhotite mineralization. One sample of silicified and bleached siltstone, which is wallrock to a mineralzed fault and contains minor disseminated pyrite and pyrrhotite, returned 190 ppb Au.

Strongly silicified and carbonate altered fault breccia at Rainbow Ridge returned <5 ppb Au. Carbonate alteration was observed in porphyry subcrop on Rainbow Ridge (20 ppb Au), and strongly silicified breccia with coarse calcite cuts quartzite. This breccia was also observed cutting monzonite in float in Antimony Creek. Chlorite, and less commonly, biotite alteration are present locally and are associated with pyrite and pyrrhotite mineralization.

Siltstone from upper Antimony Creek with disseminated pyrite and biotite returned 130 ppb Au. Rocks mapped as skarn in Antimony Creek appear to be silicified calcsilicate rocks (<5 ppb Au), and are not true skarns. Rocks mapped as skarn on the north and west margins of the pluton were not examined in 1995.

About 200 metres southwest of Toby Creek, sheeted quartz-arsenopyrite veins cutting monzonite are common. These veins strike at 060-070°, and have vein densities of up to 40 per metre. Chip samples ran up to 280ppb gold, and contained anomalous arsenic and copper values. Variably weakly gold mineralized, east-northeast trending quartz veins are also present at the head of Jan, Hawk and Cody Creeks, with samples returning up to 1.07g/t gold..

4.0 GEOCHEMISTRY

Geochemical sampling during 1995 included rock, soil, talus fines and drainage sampling. Sampling and analytical techniques are listed in Appendix 1, and results shown in Appendices 2 to 5.

4.1 Rock Geochemistry

A total of 106 rock grab, chip and float samples were collected during prospecting and mapping on the AM claims (Appendix 2). Anomalous gold and trace element values are tabulated below in Table 2. Sample locations are plotted on Fig. 5, and results on Figs. 6 to 10.

The highest gold value obtained was 3.07g/t, from sample 31934, taken along a ridge north of Skarn Gulch. This sample also returned highly anomalous arsenic (>10,000ppm), lead (>10,000ppm), copper (659ppm), antimony (4,010ppm) and zinc (>10,000ppm) values. Molybdenum values were also elevated in this sample (Table 2).

A high grade float sample (41011) collected at the head of Hawk Creek, returned 1,400ppb gold, and elevated arsenic values, The source of this float is a strongly quartz veined monzonite outcrop located up-slope of the sample.

The ridge top west, and at the head of, Jan Creek, returned two gold-anomalous samples (31956 and 31938) grading 730-880ppb gold. These two samples also returned elevated bismuth values (up to 8ppm), and sample 31938 returned elevated copper values (238ppm).

Chip samples from quartz-arsenopyrite veined monzonites 200m southwest of Toby Creek returned up to 280ppb gold, up to 2,670ppm arsenic, and 1,070ppm copper.

Table 2. Rock geochemical anomalies

Sample Number(s)	Location	Au (ppb)	As (ppm)	Bi (ppm)	Cu (ppm)	Pb (ppm)
31934	Ridge north of Skarn Gulch	3,070	>10,000	<2	659	>10,000
41011	Ridge at head of Hawk Creek	1,400	1,370	na	na	na
41005	Ridge at head of Hawk Creek	360	458	na	na	na
31956	Ridge top, 1 km north of Antimony Mountain	730	3,300	4	na	na
31938	Along tributary to Jan Creek	880	262	8	238	na
31602 - 607	Southwest side of Toby Creek	60 - 280	78 - 1,090	<2 - 4	na	na
31618	At cliff south of Toby Creek	30	na	106	1,070	na
35063 - 65	At cliff south of Toby Creek	15 - 50	896 - 2,670	14 - 72	167 - 360	na

na = not anomalous

4.2 Soil Geochemistry

A total of 197 soil and talus fine samples were collected on the AM property. Results are listed in Appendix 3, and plotted on Fig. 5 and Figs. 11 to 16.

Contour soil sampling was carried out along six lines above Camp, Jan and Hawk Creeks. Soil sampling was also carried out along ridges southeast of Antimony Mountain, and over outcrops west of Toby Creek (Fig. 5).

The best gold, arsenic, bismuth, copper and uranium values were received from soil and talus fine samples collected along the 1,680 metre contour on the west side of Jan Creek. Numerous samples (95007-95053) returned greater than 100ppb gold, anomalous arsenic (up to 5,930ppm), bismuth (up to 60ppm), copper (up to 804ppm) and uranium (up to 160ppm).

Along the east side of Jan Creek, and west of Toby Creek, gold values of up to 170ppb were received from samples 95090-94. Anomalous arsenic (up to 2,120ppm), bismuth (up to 10ppm), copper (up to 216ppm) and uranium (up to 30ppm) were also returned from an area underlain by arsenopyrite bearing monzonite.

Contour soil sampling at the head of the southern tributary to Camp Creek (samples 8238-50), 0.8km north of Antimony Mountain, also returned anomalous gold, arsenic and uranium results.

4.3 Stream Geochemistry

A total of 22 fine-fraction and 4 heavy mineral drainage sediment samples were collected along creeks draining the AM claims. Results are listed in Appendix 4 and 5 and tabulated in Table 3.

The highest gold value received, 245ppb, was from sample 20756, taken from a tributary of Jan Creek (Fig. 11). This sample also returned 868ppm arsenic, 8ppm bismuth, 407ppm copper, and 20ppm uranium.

In addition to Jan Creek, other anomalous creeks include Camp Creek, which returned three samples (19994-96) with 100-180ppb gold, and Toby Creek, which returned three samples (20761-63) with 50-70ppb gold. Toby Creek also returned moderately elevated molybdenum, up to 7ppm and elevated arsenic and copper.

Anomalous uranium values up to 90ppm were also returned from within an east-west trending drainage basin between Skarn Gulch and Camp Creek.

Three samples in Skarn Gulch (20758-60) returned 90ppm uranium, with moderate (35-40ppb) gold values. A fourth sample (20757) returned 60ppm uranium. Along a tributary to Camp Creek, sample 19988 returned 60ppm uranium.

Table 3. Anomalous -53 micron stream sediment results

Sample Number(s)	Drainage / Creek	Au (ppb)	As (ppm)	Bi (ppm)	Cu (ppm)	Pb (ppm)
20756	Tributary to Jan Creek	245	868	8	407	20
19898	Tributary to Camp Creek	100 - 180	814 - 952	2 - 4	147 - 167	5 - 10
20698	Toby Creek	50 - 70	1,170 - 1,725	<2 - 2	317 - 395	<5 - 10
20698	Skarn Gulch	35 - 40	1,000 - 1,220	12	201 - 232	90
20757	Skarn Gulch	35	1,065	12	204	60
19988	Tributary to Camp Creek	30	730	4	120	60
19991	Tributary to Camp Creek	40	1,120	<2	408	40

5.0 CONCLUSIONS AND RECOMMENDATIONS

The present program of geological mapping, prospecting and geochemical sampling has identified several key areas of mineralization worthy of further exploration in 1996.

Anomalous areas lie north of Antimony Mountain, along and above Jan Creek, and south of Toby Creek. Gold, arsenic, copper and bismuth in rock, soil and drainage sediment samples are enriched in these zones, which lie within syenite and monzonite of the Antimony Mountain stock. Anomalous uranium values are present in stream and soil samples to the northwest of gold-enriched areas, but also lie within an area underlain by the Antimony Mountain stock. Metasedimentary rocks around the Antimony Mountain stock are hornfelsed, and in places mineralized with pyrite, pyrrhotite and arsenopyrite. Quartz-tourmaline veins and breccias are locally developed within the hornfels zones, and are frequently gold-bearing. Alteration, although weak, is locally pervasive near zones of mineralization, and includes silicification and weak carbonatization, particularly along vein selvages.

Further work, consisting of prospecting, and additional rock, soil and talus fines sampling, and airborne radiometric surveying, are recommended for 1996. This work may lead to identification of suitable areas for a small trenching program.

6.0 REFERENCES

Anderson, R.G., 1987. Plutonic rocks in the Dawson map area, Yukon Territory; in Current Research, Part A, Geological Survey of Canada, Paper 87-1A, p. 689-697.

Bremner, T.J., 1994. Proposed Tombstone area park - A preliminary review of mineral potential; Exploration and Geological Services Division, Yukon Region, Open File 1994-2(T), 114p.

Green, L.H., 1972. Geology of Nash Creek, Larsen Creek, and Dawson map-areas, Yukon Territory, Geological Survey of Canada, Memoir 364.

Mortensen, J.K., 1992. Pre-mid-Mesozoic tectonic evolution of the Yukon-Tanana Terrane, Yukon and Alaska; Tectonics, v. 11, p. 836-853.

Olade, M.A. and Goodfellow, W.D., 1978. Lithogeochemistry and hydrogeochemistry of uranium and associated elements in the Tombstone Batholith, Yukon, Canada; in Proceedings of the 7th International Geochemical Symposium, Golden, Colorado, J.R. Watterson and T.K. Theobold (eds), Association of Exploration Geochemists, p. 407-428.

Pelletier, K. and Tucker, T., 1989. Geological and geochemical report on the Buz 1-14, Hud 1-6 and Tooth 1-180 claims, O'Brien Property; Total Energold Corporation, 20p.

Thompson, R.I. and Roots, C.F., 1982. Ogilvie Mountains project, Yukon: A new regional mapping mapping program; Geological Survey of Canada, Paper 82-1A, p. 405-411.

7.0 STATEMENT OF EXPENDITURES

Salaries:		
R. Hulstein - Jul. 11-21, Aug. 29 - 12 days @ $300/day	3,600	
N. Reardon - Jul 11-14 - 4 days @ $250/day	1,000	
T. Heah - Jul.17-21, Aug. 29 - 6 days @ $300/day	1,800	
J. Hunt - Jul.17-21, Aug. 29 - 6 days @ $270/day	1,620	
J. Bond, M. Beattie - Jul 11-14, Aug. 29 - 5 days @ $160/person/day	1,600	
R. Chapman - Aug. 29 - 1 day @ $160/day	160	
T. Pierce - Jul 12-21 - 10 days @160/day	1,600	
K. Sinnott - Jul 17-21 - 5 days @ $160/day	800	$12,180
Geochemistry:		
Rock sample analysis - 106 samples @ $20/sample	2,120	
Soil sample analysis - 197 samples @ $20/sample	3,940	
Stream sediment sample analysis - 22 samples @ $50/sample	1,100	
Heavy mineral sample separation and analysis - 4 samples @$80/sample	320	$7,480
Food - 60 person days @ $30/person/day		$1,800
Freight		$200
Helicopter - 20.3 hrs @ $830/hour		16,849
Truck rentals - 2 trucks, 13 days @ $50/truck/day		1,300
Equipment rentals:		
Handheld radios - 6 @$20/day, 14 days	280	
SBX-11 radio - 1 @ $15/day, 14 days	210	490
Gas		200
Field equipment and supplies		2,000
Total Expenses		$ 42,499

8.0 STATEMENT OF QUALIFICATIONS

I, Thomas Heah, with business address:

Kennecott Canada Inc.
354-200 Granville Street
Vancouver, B.C.
V6C 1S4

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

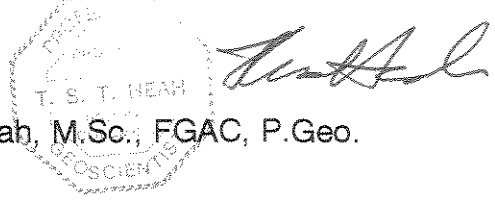
1. I am a geologist with Kennecott Canada Inc.

2. I am a graduate of the University of British Columbia, Vancouver, with degrees in geology (B.Sc., 1982 and MSc., 1991) and have been involved in geological work continuously since 1979.

3. I am a fellow of the Geological Association of Canada.

4. I am registered as a professional geoscientist (No. 19755) with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

5. I supervised work, and am the author of this report on the AM claims, Dawson Mining District, Yukon.



Dec. 23, 1995

Tom Heah, M.Sc., FGAC, P.Geo.

APPENDIX 1. Sampling and Analytical Techniques

Sampling Techniques

Fine fraction drainage sediment samples were collected by shovelling stream sediment from moderate energy environments into a 10 mesh aluminum screen with collector. Approximately 2 - 3kg of -10 mesh (2mm) material was collected and submitted to McKay and Associates in Whitehorse for separation into three size fractions with a mechanical siever. The -53 μm and -150 +53 μm fractions were submitted for gold analysis by fire assay with A.A. finish and 32 - element ICP analysis at Chemex Labs in North Vancouver.

Heavy mineral samples were collected by shovelling sediment from high energy (such as bar head) environments into a 10 mesh aluminum screen with collector. Approximately 20 - 30kg of -10 mesh (2mm) material was collected and concentrated using a Knelson concentrator. The heavy mineral concentrate was sent for analysis for gold and 33 additional elements by instrumental neutron activation analysis Bondar Clegg Laboratories in North Vancouver.

Soil samples were collected by scooping "B" horizon soils or talus fines into either one or two kraft envelopes. The samples were sieved to -150 mesh and analysed for gold by fire assay/AA finish and 32 additional elements by ICP analysis at Chemex Labs

Analytical Techniques

Screening Procedure:

Geochemical samples (soils, silts) are dried at 50°C, disaggregated by striking and then sieved through an 80 mesh stainless steel screen. If insufficient material is obtained, the sample is sieved through a 35 mesh screen and the -35 mesh material is ring pulverized.

If there is still insufficient material for analysis after sieving -35 mesh, then the whole sample is recombined and ground.

Gold by Fire Assay Collection / Atomic Absorption Spectroscopy (FA-AA)

A 30g sample is fused with a neutral lead oxide flux inquarted with 6mg of gold-free silver and then cupelled to yield a precious metal bead.

These beads are digested for 30 mins. in 0.5ml concentrated nitric acid, then 1.5 ml of concentrated hydrochloric acid are added and the mixture is digested for 1 hr. The samples are cooled, diluted to a final volume of 5ml, homogenized and analyzed by atomic absorption spectroscopy. Detection and upper limits are 5 and 10,000ppb, respectively.

32-Element Geochemistry Package (32-ICP)
Inductively-Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES)

A prepared sample (1.0g) is digested with concentrated nitric and aqua regia acids at medium heat for two hours. The acid solution is diluted to 25ml with demineralized water, mixed and analyzed using a Jarrell Ash 1100 plasma spectrometer after calibration with proper standards. The analytical results are corrected for spectral inter-element interferences.

Gold and 33 elements by INAA

The sample pulp is put into a vial which is irradiated in a flux of neutrons, by inserting it into the core of a nuclear reactor. The sample is removed from the neutron flux and placed close to a gamma-ray detector. The gamma-rays continue to radiate from the sample and interact with the detector to produce discrete voltage pulses which are proportional in height to the incident gamma-ray energies. The multichannel analyzer sorts out the voltage pulses from the detector according to size and digitally constructs a spectrum of gamma-ray energies versus intensities. By comparing spectral peak positions and areas with standards, the elements comprising the sample are qualitatively and quantitatively identified.

APPENDIX 2. Rock Sample Results

Sample	Easting	Northing	Au ppb	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
8083	633374	7131792	3	0	5	18	90	1	2	3	0	10	79	159	3	5	1	0	10
8084	633388	7131570	3	0	4	68	160	1	1	2	0	16	237	382	4	5	1	0	20
8085	633305	7131515	3	0	6	236	70	1	1	7	1	10	63	59	1	10	1	0	30
8086	633203	7131486	3	0	1	44	10	0	1	0	0	1	95	33	2	5	1	0	10
8087	632988	7131584	3	0	3	34	140	1	2	1	0	8	110	123	3	5	1	1	5
8088	632692	7131555	3	0	4	38	60	1	1	3	0	6	206	30	2	10	1	1	10
8089	634817	7132037	10	0	1	30	40	1	1	0	0	2	98	85	1	5	1	0	20
8090	635513	7133588	3	0	3	96	200	1	1	0	0	18	67	106	5	5	1	0	20
8091	635292	7133532	3	0	2	12	180	0	1	1	0	15	111	50	3	5	1	1	10
31583	636929	7132666	3	0	5	90	180	2	1	2	0	12	278	117	4	20	1	1	30
31584	636563	7132685	3	0	1	62	70	2	1	1	1	4	74	25	1	10	1	0	90
31585	636536	7132779	3	0	3	32	420	1	1	0	0	3	130	16	3	10	1	1	70
31586	635586	7131706	3	0	1	58	30	0	1	0	0	1	85	2	0	5	5	0	20
31587	635611	7131671	10	0	1	336	10	0	1	0	0	1	99	8	3	5	169	0	10
31588	635611	7131671	3	0	1	74	10	0	1	0	0	1	70	2	0	5	6	0	20
31589	636060	7131674	3	0	1	170	10	0	1	0	0	1	72	9	2	5	1	0	20
31590	636060	7131674	3	0	1	160	30	0	1	0	0	1	108	7	2	5	3	0	30
31591	636060	7131674	3	0	1	86	20	0	1	0	0	1	80	11	2	5	3	0	30
31592	636060	7131674	3	0	1	328	10	1	1	0	0	1	49	7	2	5	1	0	40
31593	636060	7131674	3	0	1	18	70	1	1	0	0	3	93	29	1	5	1	0	50
31594	636060	7131674	3	0	1	204	10	0	1	0	0	1	80	11	3	5	2	0	20
31595	636060	7131674	3	0	1	12	60	1	1	0	0	3	87	24	1	5	1	0	40
31596	636060	7131674	3	0	1	302	30	1	1	0	0	2	71	17	2	5	2	0	30
31597	636060	7131674	3	0	1	6	60	1	1	1	0	3	79	24	1	5	1	0	40
31598	636065	7131751	3	0	1	28	50	2	1	9	0	4	37	6	2	5	1	0	30
31599	636105	7131881	3	0	1	6	70	1	1	0	0	2	97	4	1	5	1	0	40
31600	636223	7132013	3	0	1	6	210	1	1	1	0	8	47	53	2	5	1	1	30
31601	636302	7132086	3	0	1	2	50	1	1	0	0	3	64	33	1	5	1	0	30
31602	636026	7133313	280	0	1	1090	140	1	2	1	1	8	60	115	2	5	1	0	70
31603	636026	7133313	60	0	1	424	130	2	2	1	0	7	62	71	3	5	1	0	70
31604	637082	7133331	180	0	1	300	140	1	4	1	0	7	51	66	2	5	1	0	60
31605	637082	7133331	210	0	1	182	120	1	2	1	0	6	56	50	2	5	1	0	60
31606	636204	7133280	230	1	1	758	120	1	2	1	0	8	55	134	3	5	1	0	60
31607	636112	7133289	15	0	1	78	140	1	2	1	0	8	46	50	3	5	1	1	40
31608	636252	7133328	3	0	1	16	150	1	2	1	0	9	55	43	3	5	1	0	70
31609	636110	7133385	3	1	0	16	80	0	1	0	0	1	387	66	1	5	1	0	40
31610	636385	7133311	115	0	1	772	130	1	2	1	0	8	42	119	2	5	1	0	40
31611	636331	7133337	125	1	1	308	150	1	1	1	0	7	68	106	3	5	1	0	60
31612	635855	7133246	3	0	3	84	290	1	1	1	0	12	157	78	3	10	1	1	30

Sample	Easting	Northing	Mg ppm	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Certificate
8083	633374	7131792	0	95	4	0	23	1450	8	1	1	219	0	5	5	41	5	24	A9524471
8084	633388	7131570	1	160	3	0	30	680	12	1	2	143	0	5	5	48	5	32	A9525260
8085	633305	7131515	0	190	1	1	18	1030	34	1	1	305	0	5	5	14	5	74	A9525260
8086	633203	7131486	0	30	8	0	3	1380	18	1	4	10	0	5	5	39	5	16	A9525260
8087	632988	7131584	1	190	4	0	23	1230	8	1	7	121	0	5	5	143	5	26	A9524471
8088	632692	7131555	1	130	2	0	18	460	16	1	2	134	0	5	5	53	5	32	A9525260
8089	634817	7132037	0	205	2	0	3	440	32	1	2	45	0	5	5	24	5	30	A9524471
8090	635513	7133588	1	455	1	0	39	300	14	1	3	19	0	5	5	25	5	80	A9524471
8091	635292	7133532	1	190	3	0	30	2120	4	1	12	38	0	5	5	128	5	42	A9524471
31583	636929	7132666	2	130	4	0	26	1570	6	6	9	134	0	5	5	152	5	24	A9524471
31584	636563	7132685	0	255	4	0	5	1040	28	2	2	36	0	5	5	30	5	84	A9524471
31585	636536	7132779	1	170	2	0	6	180	12	4	3	8	0	5	5	24	5	28	A9524471
31586	635586	7131706	0	15	3	0	1	130	26	14	1	81	0	5	5	7	5	2	A9524536
31587	635611	7131671	0	30	6	0	3	130	8	112	1	28	0	5	5	8	5	10	A9524471
31588	635611	7131671	0	10	3	0	1	180	34	16	1	78	0	5	5	6	5	2	A9524536
31589	636060	7131674	0	10	4	0	1	700	46	6	3	27	0	5	10	27	5	6	A9524536
31590	636060	7131674	0	10	4	0	1	340	40	16	1	30	0	5	5	13	5	2	A9524536
31591	636060	7131674	0	10	8	0	4	500	56	12	4	19	0	5	5	29	5	12	A9524471
31592	636060	7131674	0	30	4	0	2	670	54	4	5	23	0	5	10	31	5	20	A9524536
31593	636060	7131674	0	230	2	0	2	640	22	1	2	23	0	5	5	22	5	30	A9524471
31594	636060	7131674	0	25	10	0	1	530	70	14	3	12	0	5	5	32	5	28	A9524471
31595	636060	7131674	0	260	1	0	3	560	20	1	2	24	0	5	5	26	5	30	A9524536
31596	636060	7131674	0	130	8	0	2	530	46	6	3	62	0	5	10	27	5	28	A9524536
31597	636060	7131674	0	315	2	0	3	600	26	1	2	34	0	5	5	23	5	30	A9524536
31598	636065	7131751	2	785	1	0	4	340	34	1	2	309	0	5	10	22	5	40	A9524536
31599	636105	7131881	0	185	1	0	2	500	20	1	1	39	0	5	5	20	5	26	A9524471
31600	636223	7132013	1	215	1	0	7	450	22	1	1	38	0	5	5	54	5	34	A9524536
31601	636302	7132086	0	210	1	0	3	510	16	1	1	21	0	5	5	20	5	28	A9524536
31602	636026	7133313	1	285	4	0	5	1430	20	1	4	39	0	5	5	55	5	36	A9523514
31603	636026	7133313	1	385	4	0	4	1330	24	1	5	46	0	5	5	68	5	46	A9523514
31604	637082	7133331	1	310	4	0	4	1190	24	1	4	36	0	5	5	70	5	40	A9523514
31605	637082	7133331	1	310	5	0	4	1220	26	1	4	89	0	5	5	68	5	42	A9523514
31606	636204	7133280	1	320	4	0	4	1360	30	1	4	42	0	5	5	68	5	44	A9523514
31607	636112	7133289	1	300	2	0	5	1090	22	1	3	78	0	5	5	95	5	48	A9523514
31608	636252	7133328	1	370	2	0	7	1140	22	1	4	53	0	5	5	89	5	48	A9523514
31609	636110	7133385	0	235	1	0	8	610	8	1	1	7	0	5	5	4	5	24	A9523514
31610	636385	7133311	1	280	3	0	5	1490	26	1	4	112	0	5	5	58	5	52	A9523514
31611	636331	7133337	1	305	3	0	4	1170	24	1	4	50	0	5	5	79	5	42	A9523514
31612	635855	7133246	1	230	1	0	23	330	6	4	7	87	0	5	5	48	5	48	A9524471

Sample	Easting	Northing	Au ppb	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
31618	636033	7133601	30	2	3	732	10	1	106	2	0	2	84	1070	8	20	1	0	10
31934	634537	7133660	3070	91	0	10000	10	1	1	0	100	9	150	659	15	5	2	0	5
31935	634537	7133660	15	4	0	736	60	1	1	0	4	1	344	46	1	5	1	0	10
31936	634537	7133660	3	0	1	460	130	1	1	0	0	6	144	42	2	10	1	0	60
31937	634336	7131896	3	0	1	164	40	1	2	1	0	3	66	123	1	5	1	0	40
31938	634372	7131854	880	0	1	262	220	1	8	1	0	10	66	238	3	10	1	1	40
31939	634436	7131840	130	0	1	24	70	1	6	1	0	4	138	170	2	10	1	0	40
31940	634489	7131829	80	1	1	102	60	1	1	1	0	3	100	702	2	10	1	0	40
31941	634593	7131880	110	2	1	70	60	1	1	0	0	3	110	612	2	10	1	0	40
31942	634688	7131911	10	0	1	132	90	1	1	0	0	4	91	60	1	5	1	0	40
31943	634788	7131897	15	0	1	158	90	1	1	0	0	4	113	158	2	5	1	0	40
31944	634851	7131838	80	1	1	90	90	1	4	0	0	5	102	445	2	10	1	0	40
31945	634874	7131771	3	0	1	422	80	2	2	1	0	4	84	32	1	10	1	0	40
31946	634922	7131651	20	0	1	46	80	1	2	1	0	6	92	152	2	10	1	0	40
31947	634957	7131529	30	0	1	136	10	1	1	0	0	1	93	11	2	5	8	0	20
31948	634718	7131486	55	0	1	120	10	0	1	0	0	1	66	35	2	5	2	0	20
31949	634704	7131466	45	0	1	46	50	1	1	1	0	4	47	68	1	5	1	0	40
31950	634704	7131466	160	0	1	260	90	1	2	1	0	6	64	127	2	10	1	0	50
31951	634758	7131120	140	0	2	1155	30	2	1	6	0	15	60	43	3	10	1	0	10
31952	634708	7131066	25	0	1	4150	10	0	2	0	0	1	42	92	1	5	1	0	10
31954	634701	7131049	30	1	2	2840	10	1	26	0	1	8	29	471	3	5	1	0	50
31955	634701	7131049	30	0	2	1375	10	1	2	0	0	1	61	113	1	5	1	0	20
31956	634748	7131012	730	0	1	3300	10	0	4	0	0	12	52	12	3	5	1	0	30
31957	635125	7130510	105	0	2	4640	180	1	4	1	0	10	56	44	5	10	1	1	50
31958	635251	7130849	15	0	1	146	90	2	1	1	0	6	128	39	2	5	1	0	50
31994	636579	7131230	3	0	1	4	110	1	1	2	0	5	32	24	2	5	1	0	30
31995	636783	7131142	3	0	2	4	70	1	1	2	0	3	84	12	2	5	1	0	80
31996	636856	7131045	70	1	1	706	10	1	2	3	6	137	94	7	1	5	1	0	20
35006	633064	7132315	3	0	0	32	30	0	1	0	0	1	184	15	0	5	1	0	5
35021	633433	7131422	10	0	3	78	250	1	1	2	0	10	182	104	3	5	1	1	10
35022	633433	7131422	15	2	2	104	20	0	1	4	6	23	56	628	6	5	1	0	20
35023	633509	7131434	15	0	2	214	270	1	2	1	0	15	170	194	4	5	1	0	20
35024	633509	7131434	45	1	2	186	30	0	4	1	0	96	51	993	14	5	1	0	5
35025	633741	7131305	3	0	1	26	150	1	2	1	0	7	46	50	3	5	1	0	40
35026	633741	7131305	3	0	1	26	110	1	1	1	0	6	44	55	2	5	1	0	40
35027	633471	7131052	3	0	2	48	5	1	1	0	0	1	126	37	2	5	1	0	5
35028	633561	7130881	3	0	3	38	310	1	1	1	0	4	111	79	2	5	1	0	10
35029	634127	7130107	3	0	1	2	180	1	4	1	0	17	69	55	4	5	1	0	20
35030	633567	7130096	3	0	3	16	290	1	1	1	0	12	101	110	4	5	1	1	20

Sample	Easting	Northing	Mg ppm	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Certificate
31618	636033	7133601	0	210	1	0	6	670	36	6	2	70	0	5	5	33	5	26	A9524471
31934	634537	7133660	0	205	19	0	3	5	10000	4010	1	36	0	5	10	10	5	10000	A9524471
31935	634537	7133660	0	415	1	0	6	110	840	22	1	6	0	5	5	5	5	474	A9524471
31936	634537	7133660	1	355	1	0	6	590	54	2	4	33	0	5	5	41	5	66	A9524471
31937	634336	7131896	0	170	2	0	3	750	28	1	1	49	0	5	5	24	5	24	A9524536
31938	634372	7131854	1	225	2	0	4	1370	80	4	3	71	0	5	5	90	5	50	A9524471
31939	634436	7131840	0	270	2	0	5	500	32	2	3	82	0	5	5	31	5	38	A9524471
31940	634489	7131829	0	230	1	0	4	390	42	2	2	114	0	5	5	26	5	54	A9524471
31941	634593	7131880	0	225	2	0	3	400	36	1	3	54	0	5	5	28	5	42	A9524471
31942	634688	7131911	0	235	5	0	4	410	30	1	2	100	0	5	5	24	5	32	A9524471
31943	634788	7131897	0	235	3	0	3	470	20	1	2	55	0	5	5	28	5	30	A9524471
31944	634851	7131838	0	220	6	0	5	430	26	1	3	41	0	5	5	28	5	34	A9524471
31945	634874	7131771	0	240	1	0	4	460	26	2	2	243	0	5	5	22	5	28	A9524471
31946	634922	7131651	0	295	2	0	6	620	32	2	3	37	0	5	5	32	5	38	A9524471
31947	634957	7131529	0	10	4	0	3	440	46	12	1	19	0	5	5	20	5	16	A9524471
31948	634718	7131486	0	20	6	0	2	860	48	2	3	43	0	5	5	43	5	20	A9524536
31949	634704	7131466	0	230	1	0	3	1080	24	1	1	123	0	5	10	29	5	26	A9524536
31950	634704	7131466	0	270	1	0	5	890	30	2	3	75	0	5	5	41	5	36	A9524471
31951	634758	7131120	1	970	2	0	11	960	36	14	9	179	0	5	5	59	5	56	A9524471
31952	634708	7131066	0	30	3	0	2	1130	18	2	4	17	0	5	10	23	5	12	A9524536
31954	634701	7131049	0	115	1	0	4	2030	38	2	16	16	0	5	5	88	5	34	A9524536
31955	634701	7131049	0	30	1	0	3	1210	20	4	7	6	0	5	5	37	5	16	A9524471
31956	634748	7131012	0	65	27	0	4	810	44	6	7	19	0	5	5	28	5	44	A9524536
31957	635125	7130510	1	175	2	0	6	1580	30	10	6	148	0	5	5	88	5	38	A9524471
31958	635251	7130849	0	375	2	0	6	510	12	2	4	37	0	5	5	35	5	38	A9524471
31994	636579	7131230	1	320	1	0	4	1600	36	2	3	180	0	5	5	45	5	42	A9528569
31995	636783	7131142	0	235	1	0	2	480	22	1	1	243	0	5	5	26	5	26	A9528569
31996	636856	7131045	0	165	1	0	7	910	572	40	1	59	0	5	5	9	5	582	A9528569
35006	633064	7132315	0	10	1	0	3	90	8	1	1	4	0	5	5	2	5	4	A9523668
35021	633433	7131422	1	190	5	0	24	1240	6	2	8	124	0	5	5	128	5	34	A9523668
35022	633433	7131422	0	790	3	0	27	2210	332	2	1	98	0	5	5	9	5	752	A9523668
35023	633509	7131434	1	365	7	0	19	1950	16	1	3	146	0	5	5	84	5	48	A9523668
35024	633509	7131434	0	125	5	0	51	560	6	1	1	78	0	5	5	10	5	14	A9523668
35025	633741	7131305	1	340	3	0	2	1270	18	1	4	54	0	5	5	93	5	46	A9523668
35026	633741	7131305	0	260	4	0	3	1140	22	1	2	43	0	5	5	84	5	44	A9523668
35027	633471	7131052	0	40	1	0	9	680	20	2	10	5	0	5	5	36	5	20	A9523668
35028	633561	7130881	1	150	9	0	13	2870	16	4	4	100	0	5	5	115	5	38	A9523668
35029	634127	7130107	1	235	2	0	12	1620	12	1	2	77	0	5	5	87	5	48	A9523668
35030	633567	7130096	1	175	1	0	22	550	14	2	2	47	0	5	5	37	5	32	A9523668

Sample	Easting	Northing	Au ppb	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
35036	634914	7130797	75	0	1	1630	30	1	2	0	0	2	66	78	2	5	1	0	20
35037	634914	7130797	75	0	1	246	10	2	2	7	0	5	71	9	2	5	1	0	5
35038	634873	7130854	25	0	2	880	10	1	2	2	0	8	67	83	3	10	1	0	60
35039	634873	7130854	5	0	1	210	80	1	2	1	0	6	64	51	2	10	1	0	40
35040	634873	7130854	10	0	1	146	90	1	1	1	0	4	73	137	2	10	1	0	50
35041	634873	7130854	40	0	1	210	100	2	2	1	0	5	95	65	2	10	1	0	50
35042	634817	7130925	25	0	2	374	10	1	1	3	0	5	60	81	2	5	1	0	10
35043	633787	7134515	3	0	3	86	160	2	1	2	0	15	107	77	3	10	1	1	20
35044	635158	7132074	50	0	1	110	80	2	2	1	0	4	109	161	2	5	1	0	40
35045	635106	7132092	3	0	1	40	70	1	2	1	0	4	91	40	2	10	1	0	40
35046	634974	7132087	20	0	1	48	30	1	2	0	0	2	43	159	1	5	1	0	30
35047	634867	7132057	70	1	1	180	90	1	2	1	0	4	124	108	2	5	1	0	40
35048	634796	7132041	3	0	1	46	50	1	1	0	0	3	82	73	2	5	1	0	40
35049	634756	7132022	50	1	1	156	30	1	6	0	0	2	68	285	3	5	1	0	30
35050	634739	7132020	3	0	0	20	5	0	1	0	0	1	227	3	0	5	1	0	5
35051	634724	7132011	3	0	0	352	30	1	2	0	0	2	72	49	1	5	1	0	40
35052	634379	7131979	35	0	1	118	50	1	1	0	0	2	85	381	1	5	1	0	30
35053	634732	7132338	65	1	0	16	40	1	2	0	0	2	81	270	1	5	1	0	30
35054	634942	7132423	5	0	1	122	70	1	2	0	0	3	87	57	1	5	1	0	40
35055	635103	7132586	3	0	1	108	60	1	2	0	0	3	87	44	1	5	1	0	40
35063	636033	7133601	15	1	2	896	150	1	26	1	0	8	128	167	5	10	1	0	20
35064	636033	7133601	25	1	3	2670	210	1	14	1	0	12	155	267	4	10	1	0	10
35065	636033	7133601	50	2	1	2060	5	0	72	1	0	1	104	360	12	10	1	0	40
41004	635297	7129369	3	1	1	8	550	0	1	1	0	2	52	31	4	5	1	1	10
41005	635414	7129113	360	0	1	458	20	0	1	0	0	1	125	20	4	5	1	0	5
41010	635510	7128790	3	0	2	42	240	1	1	1	0	8	43	27	3	5	1	1	50
41011	635611	7129066	1400	1	1	1370	100	0	1	0	0	1	94	4	2	5	1	0	10
41012	635572	7129444	3	0	2	1	920	0	1	2	1	16	56	71	4	5	1	1	40

Sample	Easting	Northing	Mg ppm	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Certificate
35036	634914	7130797	0	65	5	0	1	400	40	22	4	39	0	5	5	18	30	18	A9524471
35037	634914	7130797	0	1590	1	0	3	460	22	4	5	76	0	5	5	31	5	30	A9524471
35038	634873	7130854	0	805	2	0	6	660	50	10	7	25	0	5	5	39	5	60	A9524471
35039	634873	7130854	1	445	1	0	2	850	28	4	4	80	0	5	5	37	5	48	A9524471
35040	634873	7130854	0	355	2	0	3	650	22	4	3	101	0	5	5	30	5	38	A9524471
35041	634873	7130854	0	340	2	0	5	700	22	1	4	73	0	5	5	31	5	40	A9524471
35042	634817	7130925	0	560	1	0	3	570	24	8	4	51	0	5	5	29	5	38	A9524471
35043	633787	7134515	1	185	3	0	34	1150	34	6	5	96	0	5	5	60	5	40	A9524471
35044	635158	7132074	0	315	2	0	4	460	36	2	3	44	0	5	5	31	5	40	A9524471
35045	635106	7132092	0	280	2	0	5	380	24	1	3	51	0	5	5	25	5	34	A9524471
35046	634974	7132087	0	190	2	0	2	430	28	1	1	27	0	5	10	20	5	26	A9524536
35047	634867	7132057	0	275	7	0	4	430	48	1	3	46	0	5	5	26	20	38	A9524471
35048	634796	7132041	0	230	2	0	3	380	24	2	2	25	0	5	5	24	10	28	A9524471
35049	634756	7132022	0	185	2	0	2	410	56	2	2	18	0	5	5	24	5	32	A9524471
35050	634739	7132020	0	20	1	0	4	150	2	1	1	1	0	5	5	1	5	4	A9524471
35051	634724	7132011	0	170	1	0	3	450	22	2	2	22	0	5	5	18	5	24	A9524471
35052	634379	7131979	0	180	4	0	3	430	24	2	2	30	0	5	5	20	10	32	A9524471
35053	634732	7132338	0	185	1	0	4	430	32	1	1	22	0	5	5	17	5	32	A9524471
35054	634942	7132423	0	250	2	0	5	420	22	1	2	17	0	5	5	24	5	28	A9524471
35055	635103	7132586	0	200	2	0	5	410	14	2	2	17	0	5	5	23	10	20	A9524471
35063	636033	7133601	1	330	2	0	16	2040	22	6	7	134	0	5	5	122	10	40	A9524471
35064	636033	7133601	1	205	1	0	21	780	36	10	7	114	0	5	5	53	10	38	A9524471
35065	636033	7133601	0	865	1	0	3	360	18	2	2	2	0	5	5	33	10	22	A9524471
41004	635297	7129369	1	255	1	0	1	960	6	4	7	54	0	5	5	114	5	46	A9528569
41005	635414	7129113	0	35	7	0	4	370	40	12	15	53	0	5	5	63	5	56	A9528569
41010	635510	7128790	1	265	4	0	3	1520	26	1	2	196	0	5	5	72	5	68	A9528569
41011	635611	7129066	0	15	4	0	1	640	30	24	9	125	0	5	5	31	5	22	A9528569
41012	635572	7129444	1	480	1	0	10	950	70	1	5	172	0	5	5	181	5	90	A9528569

APPENDIX 3. Soil Sample Results

Sample	Easting	Northing	Au ppm	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
95001	634185	7131918	50	1	3	810	90	4	2	1	0	8	24	146	3	20	1	0	90
95002	634211	7131877	15	0	3	202	150	3	1	1	0	8	30	72	3	20	1	0	50
95003	634236	7131843	35	0	2	300	160	2	1	1	0	8	23	75	2	10	1	0	50
95004	634249	7131801	85	1	3	3940	210	2	64	2	0	19	36	788	4	20	1	1	70
95005	634273	7131767	5	0	3	350	310	2	6	1	0	9	28	47	3	10	1	0	30
95006	634322	7131761	10	0	3	134	180	2	4	1	0	11	23	76	2	10	1	0	40
95007	634324	7131705	110	1	2	4820	180	2	30	1	1	17	20	532	3	10	1	0	70
95008	634383	7131685	90	0	2	1060	190	3	8	1	0	20	19	271	4	20	1	0	90
95009	634438	7131675	200	0	3	310	220	2	10	1	0	16	15	176	3	10	1	0	60
95010	634477	7131679	75	0	2	156	170	1	4	1	0	7	19	136	3	10	1	0	30
95011	634510	7131664	690	1	3	1210	480	1	20	1	0	28	33	556	4	20	1	1	70
95012	634541	7131690	55	0	2	732	170	2	2	1	0	9	26	293	3	10	1	0	50
95013	634569	7131686	390	0	4	452	350	3	12	2	0	15	31	209	3	20	1	0	80
95014	634611	7131709	375	2	2	1540	130	2	18	1	0	12	28	804	3	10	1	0	60
95015	634638	7131730	425	2	3	726	130	2	16	1	0	13	30	534	3	20	1	0	80
95016	634635	7131692	285	1	4	572	70	6	14	2	0	10	28	173	2	10	1	0	60
95017	634631	7131667	250	1	5	354	40	7	2	2	0	12	20	556	2	20	1	0	60
95018	634680	7131673	55	0	5	152	70	3	1	1	0	7	20	320	2	10	1	0	40
95019	634686	7131640	175	1	4	566	190	4	1	2	0	12	30	434	3	10	1	0	70
95020	634707	7131615	90	1	4	258	60	5	4	2	0	8	21	127	2	10	1	0	60
95021	634723	7131581	65	0	4	160	50	6	4	2	0	7	16	52	2	10	1	0	60
95022	634732	7131547	170	0	3	882	140	3	12	1	0	11	21	215	3	10	1	0	60
95023	634752	7131517	495	0	3	332	160	3	6	1	0	10	23	242	2	10	1	0	70
95024	634769	7131476	395	0	4	272	140	3	8	1	0	8	26	74	3	10	1	0	60
95025	634764	7131447	240	0	3	754	280	1	2	1	0	23	29	178	6	20	1	0	110
95026	634745	7131387	145	0	3	188	40	5	1	1	0	8	20	77	2	20	1	0	90
95027	634800	7131354	585	0	4	314	110	4	12	2	0	11	25	342	2	10	1	0	70
95028	634852	7131305	600	0	3	910	110	5	10	1	0	20	38	198	4	30	1	0	120
95029	634889	7131253	205	0	3	544	160	4	6	1	0	9	30	179	3	20	1	0	70
95030	634876	7131180	110	0	3	534	100	5	4	1	0	16	38	161	4	20	1	0	110
95031	634906	7131130	335	1	3	1550	80	6	12	1	0	23	43	431	5	40	2	0	170
95032	634931	7131067	200	0	3	3360	130	3	22	1	0	14	31	208	4	20	1	0	70
95033	634903	7130997	185	0	2	304	140	2	6	1	0	11	31	116	3	20	1	0	80
95034	634953	7130930	670	0	4	1290	160	4	12	1	0	19	32	317	5	30	1	0	80
95035	634982	7130866	185	0	3	340	140	4	4	1	0	10	24	145	2	10	1	0	60
95036	635012	7130807	195	0	3	398	160	2	6	0	0	9	26	170	3	10	1	0	40
95037	635050	7130770	370	0	3	804	90	3	2	2	0	13	21	241	2	10	1	0	50
95038	635083	7130697	290	0	4	1565	130	3	12	2	0	10	22	254	2	10	2	0	50
95039	635131	7130649	210	0	3	1190	140	4	10	2	0	19	22	169	3	20	1	0	60

Sample	Easting	Northing	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Certificate
95001	634185	7131918	1	610	1	0	13	1170	70	2	8	242	0	5	30	44	5	58	A9524472
95002	634211	7131877	1	830	1	0	14	1120	128	4	7	119	0	5	20	59	5	78	A9524472
95003	634236	7131843	0	405	2	0	12	1040	82	1	4	351	0	5	60	40	5	70	A9524472
95004	634249	7131801	1	615	1	0	15	2540	52	6	10	349	0	5	10	113	10	84	A9524472
95005	634273	7131767	1	425	6	0	14	1320	36	2	4	219	0	5	5	91	5	74	A9524472
95006	634322	7131761	1	395	4	0	13	1650	66	2	3	209	0	5	20	65	5	66	A9524472
95007	634324	7131705	0	375	3	0	14	2510	76	4	3	212	0	5	90	54	10	82	A9524472
95008	634383	7131685	1	890	3	0	8	2850	48	4	10	227	0	5	30	99	10	88	A9524472
95009	634438	7131675	1	515	1	0	10	2090	26	2	4	358	0	5	5	105	10	76	A9524472
95010	634477	7131679	0	275	2	0	8	1920	26	4	4	162	0	5	5	82	10	48	A9524472
95011	634510	7131664	1	495	2	0	15	2910	30	6	6	520	0	5	5	127	10	80	A9524472
95012	634541	7131690	1	290	3	0	14	1360	42	2	5	200	0	5	20	67	5	66	A9524472
95013	634569	7131686	1	565	1	0	11	3070	32	2	7	591	0	5	10	95	10	66	A9524472
95014	634611	7131709	1	365	3	0	17	1470	66	4	5	373	0	5	160	61	10	92	A9524472
95015	634638	7131730	1	475	3	0	16	1680	60	2	5	542	0	5	140	55	10	78	A9524472
95016	634635	7131692	1	390	1	0	13	1000	70	1	6	298	0	5	30	43	10	58	A9524472
95017	634631	7131667	1	520	1	0	10	960	58	2	4	244	0	5	10	34	10	66	A9524472
95018	634680	7131673	0	320	2	0	9	980	40	1	3	182	0	5	5	33	5	60	A9524472
95019	634686	7131640	1	490	4	0	15	1070	48	4	5	322	0	5	30	45	5	74	A9524472
95020	634707	7131615	1	445	1	0	8	820	54	1	4	326	0	5	30	33	5	56	A9524472
95021	634723	7131581	1	465	1	0	6	460	34	4	4	109	0	5	5	27	5	36	A9524472
95022	634732	7131547	1	490	1	0	11	1000	60	6	4	460	0	5	30	43	5	74	A9524472
95023	634752	7131517	0	510	2	0	15	1140	54	4	3	304	0	5	60	40	5	74	A9524472
95024	634769	7131476	1	550	2	0	11	620	48	1	4	258	0	5	5	44	5	64	A9524472
95025	634764	7131447	1	1350	3	0	12	3350	58	12	15	186	0	5	10	103	10	112	A9524472
95026	634745	7131387	0	720	1	0	9	1300	60	2	9	129	0	5	60	41	5	58	A9524472
95027	634800	7131354	0	470	1	0	11	1120	44	2	6	239	0	5	40	43	5	60	A9524472
95028	634852	7131305	1	1250	1	0	17	1720	58	4	12	87	0	5	20	61	10	88	A9524472
95029	634889	7131253	1	710	1	0	13	900	56	4	9	140	0	5	40	56	5	74	A9524472
95030	634876	7131180	1	1100	1	0	16	1420	44	4	12	90	0	5	20	72	10	88	A9524472
95031	634906	7131130	1	1645	2	0	12	1770	70	8	18	137	0	5	10	96	10	122	A9524472
95032	634931	7131067	1	620	1	0	14	1160	48	8	9	250	0	5	20	66	10	82	A9524472
95033	634903	7130997	1	545	1	0	14	1280	38	4	7	669	0	5	20	58	10	74	A9524472
95034	634953	7130930	1	1130	1	0	10	1510	58	8	12	356	0	5	10	75	10	102	A9524472
95035	634982	7130866	1	415	2	0	11	1050	46	2	4	713	0	5	70	44	5	64	A9524472
95036	635012	7130807	1	475	4	0	13	910	42	1	4	189	0	5	5	59	5	74	A9524472
95037	635050	7130770	1	375	1	0	11	1420	38	2	3	296	0	5	60	42	30	52	A9524472
95038	635083	7130697	1	390	1	0	10	1170	52	6	3	278	0	5	100	41	10	52	A9524472
95039	635131	7130649	1	505	1	0	16	1660	58	2	6	410	0	5	60	55	10	72	A9524472

Sample	Easting	Northing	Au ppm	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
95040	635183	7130602	115	0	3	1275	200	1	12	2	0	24	33	195	5	20	1	0	80
95041	635247	7130567	140	0	4	5930	200	2	60	2	0	29	29	323	4	30	1	0	70
95042	635337	7130564	350	0	4	2250	180	2	16	2	0	16	29	268	3	20	1	0	70
95043	635314	7130738	110	0	4	1370	150	2	10	2	0	14	22	196	4	20	1	0	70
95045	635199	7130890	135	0	3	650	140	2	2	1	0	11	27	194	3	20	1	0	70
95046	635184	7130980	280	0	4	1310	130	3	4	1	0	17	37	196	5	30	1	0	70
95047	635174	7131074	150	0	3	1405	140	2	2	1	1	13	32	230	4	20	1	0	80
95048	635097	7131158	265	0	3	874	220	2	1	1	0	14	29	236	4	20	1	0	80
95049	635170	7131264	275	0	3	566	140	2	2	0	1	13	31	163	3	10	1	0	40
95050	635180	7131368	135	0	3	682	220	1	1	1	0	15	31	147	4	20	1	0	70
95051	635174	7131470	240	0	3	816	280	1	2	1	0	19	29	194	5	20	1	0	60
95052	635142	7131574	110	0	3	838	180	1	2	1	0	11	29	139	3	10	1	0	40
95053	635166	7131682	40	0	3	350	150	2	2	1	1	9	25	208	2	10	1	0	50
95054	635195	7131784	20	0	3	602	160	1	1	0	1	10	34	166	3	10	1	0	30
95055	635041	7131864	35	0	2	642	170	1	10	0	1	10	29	215	3	10	1	0	40
95056	634975	7131943	3	0	3	88	110	0	1	0	0	8	39	34	3	10	1	0	10
95057	634848	7131976	95	1	3	1205	170	0	12	0	0	7	35	701	3	10	1	0	30
95058	634759	7132025	145	1	2	1380	150	2	12	1	0	10	34	727	3	10	1	0	40
95059	634659	7131982	190	2	4	1330	140	3	14	1	1	7	29	1345	3	20	1	0	60
95060	634576	7131964	80	0	3	382	290	1	6	1	0	10	24	212	3	10	1	0	60
95061	634497	7131958	30	0	2	72	120	0	1	0	0	5	27	97	2	5	1	0	10
95062	634467	7132001	75	0	1	188	130	0	2	0	0	9	21	130	2	5	1	0	20
95063	634508	7132063	235	0	3	1020	160	2	30	1	0	14	25	677	3	10	1	0	40
95064	634554	7132184	100	0	3	658	160	2	1	1	0	10	26	218	3	10	1	0	60
95065	634664	7132228	60	0	2	1125	150	1	4	0	1	7	27	191	2	10	1	0	30
95066	634722	7132297	65	0	1	574	130	1	4	0	0	9	26	359	2	5	1	0	30
95067	634803	7132355	40	0	2	686	170	1	4	0	1	11	31	219	3	10	1	0	30
95068	634911	7132386	25	0	2	326	190	2	2	1	0	8	26	166	2	10	1	0	40
95069	635380	7130834	35	0	2	1405	140	2	2	1	1	11	29	142	3	20	1	0	40
95070	635415	7130925	35	0	3	1015	150	3	4	1	1	13	28	108	3	20	1	0	60
95071	635512	7131001	5	0	4	290	180	2	1	0	0	12	33	29	4	20	1	0	30
95072	635578	7131088	75	0	2	562	90	2	2	0	0	16	21	38	3	10	1	0	40
95073	635627	7131176	15	0	3	588	170	3	1	1	0	9	25	35	3	10	1	0	40
95074	635678	7131267	10	0	2	260	420	2	1	0	0	9	31	54	3	10	1	0	60
95075	635531	7131395	55	0	2	1055	110	2	4	0	0	8	25	65	3	10	1	0	30
95076	635545	7131500	5	0	3	278	170	2	1	0	0	8	27	31	3	20	1	0	80
95077	635525	7131608	10	0	3	228	150	3	1	1	0	9	25	41	3	20	4	0	70
95078	635479	7131717	30	0	2	338	140	1	1	0	0	9	27	76	2	10	1	0	50
95079	635535	7131811	20	0	1	170	80	1	4	0	0	4	16	46	2	10	1	0	40

Sample	Easting	Northing	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Certificate
95040	635183	7130602	1	1300	2	0	19	3820	62	36	10	339	0	5	10	104	10	160	A9524472
95041	635247	7130567	1	630	1	0	16	2250	50	8	6	320	0	5	20	87	10	68	A9524472
95042	635337	7130564	1	535	2	0	13	2260	42	8	6	266	0	5	20	69	10	68	A9524472
95043	635314	7130738	1	615	1	0	11	2320	46	6	8	259	0	5	20	75	10	88	A9524472
95045	635199	7130890	1	550	2	0	11	1130	48	2	6	455	0	5	60	54	10	78	A9524472
95046	635184	7130980	1	940	1	0	14	1040	74	12	11	209	0	5	20	73	10	98	A9524472
95047	635174	7131074	1	690	2	0	9	1420	44	6	11	196	0	5	5	70	10	82	A9524472
95048	635097	7131158	1	775	2	0	12	1610	44	4	9	200	0	5	20	67	5	78	A9524472
95049	635170	7131264	1	705	1	0	15	1250	52	1	5	101	0	5	5	49	5	68	A9524472
95050	635180	7131368	1	1055	1	0	15	1480	96	2	12	93	0	5	20	88	10	88	A9524472
95051	635174	7131470	1	1000	3	0	13	1650	50	4	13	169	0	5	5	105	10	90	A9524472
95052	635142	7131574	1	480	2	0	16	1080	36	2	6	141	0	5	20	62	5	74	A9524472
95053	635166	7131682	1	355	1	0	13	920	30	2	4	209	0	5	10	43	5	64	A9524472
95054	635195	7131784	1	415	4	0	18	840	30	4	4	61	0	5	10	61	5	74	A9524472
95055	635041	7131864	1	410	2	0	17	1080	30	2	5	73	0	5	20	57	5	70	A9524472
95056	634975	7131943	1	370	1	0	17	460	10	2	4	20	0	5	5	67	5	70	A9524472
95057	634848	7131976	1	215	6	0	19	790	68	2	4	115	0	5	40	60	5	72	A9524472
95058	634759	7132025	1	440	1	0	22	1080	46	2	6	99	0	5	90	58	5	86	A9524472
95059	634659	7131982	1	285	2	0	15	940	80	4	4	234	0	5	60	44	5	94	A9524472
95060	634576	7131964	1	365	1	0	8	2520	28	2	6	427	0	5	5	78	10	64	A9524472
95061	634497	7131958	0	140	1	0	13	1120	8	1	4	54	0	5	5	65	5	42	A9524472
95062	634467	7132001	0	220	6	0	10	1290	20	2	3	92	0	5	5	64	5	46	A9524472
95063	634508	7132063	1	410	1	0	13	1790	44	4	4	231	0	5	5	65	5	86	A9524472
95064	634554	7132184	1	1120	1	0	16	990	50	4	6	159	0	5	40	47	5	82	A9524472
95065	634664	7132228	0	360	1	0	18	940	40	4	4	114	0	5	60	43	5	66	A9524472
95066	634722	7132297	0	380	2	0	19	970	22	4	4	65	0	5	40	44	5	74	A9524472
95067	634803	7132355	1	505	2	0	21	870	50	4	5	57	0	5	30	51	5	74	A9524472
95068	634911	7132386	1	445	1	0	16	820	54	1	4	183	0	5	60	42	5	68	A9524472
95069	635380	7130834	1	550	1	0	21	1090	50	4	6	104	0	5	130	51	10	98	A9524472
95070	635415	7130925	1	705	3	0	13	880	130	8	6	160	0	5	50	51	10	132	A9524472
95071	635512	7131001	1	660	1	0	15	1050	48	4	4	188	0	5	5	67	5	90	A9524472
95072	635578	7131088	0	855	2	0	14	630	156	6	5	21	0	5	5	36	5	102	A9524472
95073	635627	7131176	1	490	1	0	14	790	64	4	4	151	0	5	30	45	5	82	A9524472
95074	635678	7131267	0	535	3	0	16	870	50	4	7	77	0	5	30	53	5	84	A9524472
95075	635531	7131395	0	625	2	0	11	940	58	4	5	62	0	5	5	46	5	82	A9524472
95076	635545	7131500	0	655	7	0	9	930	52	6	6	85	0	5	10	56	5	66	A9524472
95077	635525	7131608	1	930	5	0	7	1130	60	16	9	86	0	5	10	45	5	64	A9524472
95078	635479	7131717	0	430	1	0	16	1160	28	4	4	78	0	5	20	50	5	64	A9524472
95079	635535	7131811	0	340	1	0	5	1000	30	1	2	74	0	5	5	31	10	38	A9524472

Sample	Easting	Northing	Au ppm	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
95080	635555	7131911	3	0	2	76	90	3	2	1	1	3	14	23	1	10	1	0	60
95081	635577	7132014	40	0	3	222	120	4	2	1	0	6	23	72	2	20	1	0	60
95082	635638	7132115	65	0	3	312	120	4	4	1	0	12	30	143	3	20	1	0	70
95083	635661	7132225	50	0	3	674	170	3	4	1	0	11	33	128	3	10	1	0	40
95084	635685	7132309	40	0	3	386	170	3	2	1	0	8	26	128	2	10	1	0	50
95085	635607	7132471	20	0	2	436	180	2	4	0	0	9	33	65	3	10	1	0	40
95086	635656	7132575	25	0	3	622	250	3	8	1	0	16	35	106	4	10	1	0	40
95087	635684	7132679	30	0	3	722	220	3	2	1	0	18	33	88	4	20	1	0	70
95088	635730	7132775	40	0	3	1490	240	2	2	1	0	33	36	120	4	10	1	0	60
95089	635771	7132870	25	0	3	1820	270	2	10	1	0	51	38	146	5	10	1	0	60
95090	635811	7132961	40	0	2	1120	190	1	2	0	0	18	33	94	3	10	1	0	30
95091	635829	7133077	140	0	2	870	170	1	4	0	0	13	31	112	3	10	1	0	40
95092	635859	7133186	65	0	2	580	130	2	2	0	0	11	26	92	3	10	1	0	30
95093	635934	7133263	130	0	2	2120	170	1	10	0	0	18	29	216	4	10	1	0	30
95094	635992	7133360	170	0	2	1095	100	1	6	0	0	20	30	190	3	5	1	0	10
95095	636046	7133446	85	0	2	1090	120	1	1	0	0	12	31	133	3	10	1	0	20
95096	636086	7133543	20	0	2	156	120	1	1	0	0	8	30	40	3	5	1	0	20
95097	636121	7133648	15	0	3	238	160	1	1	0	0	14	36	57	3	10	1	0	20
8238	634411	7130616	440	0	2	338	170	0	1	0	0	14	27	119	3	10	1	0	10
8239	634492	7130651	25	0	3	98	180	0	1	1	0	10	23	59	3	10	1	0	20
8240	634576	7130598	30	0	1	292	90	0	1	0	0	4	20	49	3	5	1	0	10
8241	634665	7130567	130	0	2	1650	320	0	1	1	0	29	19	132	5	10	1	0	40
8242	634717	7130604	70	0	3	824	320	0	2	1	0	18	24	157	4	10	1	0	40
8243	634711	7130637	330	0	3	474	180	0	2	1	0	17	24	141	4	20	1	0	80
8244	634646	7130676	140	0	2	580	230	0	1	1	0	15	27	132	4	20	1	0	80
8245	634546	7130735	60	0	3	506	340	0	1	1	0	16	27	126	4	10	1	0	50
8246	634456	7130772	245	0	3	846	350	0	4	1	0	21	26	146	5	10	1	0	60
8247	634356	7130789	305	0	3	786	320	0	12	1	0	18	23	126	4	10	1	0	60
8248	634258	7130791	175	0	3	818	440	0	4	1	0	22	27	160	5	10	2	0	60
8249	634166	7130760	115	0	2	692	220	0	1	1	0	15	28	123	3	10	1	0	30
8250	634065	7130738	260	0	2	912	280	0	2	1	0	19	30	134	4	10	1	0	40
35606	632606	7131576	20	0	4	156	130	0	1	0	0	8	33	196	9	10	1	0	10
35607	632571	7131584	20	0	3	190	180	0	1	0	0	17	32	138	5	10	1	0	10
35608	632522	7131577	65	0	3	250	170	0	1	0	0	17	29	126	6	10	1	0	10
35609	632478	7131564	10	0	2	130	110	0	1	0	0	9	25	82	4	5	1	0	10
35610	632425	7131529	20	0	3	470	120	0	10	0	1	25	29	135	5	10	1	0	30
35611	632393	7131521	20	0	3	138	160	0	1	0	0	20	34	115	5	10	2	0	20
35639	633559	7130881	25	0	4	180	470	0	4	1	0	11	31	141	6	10	1	0	40
35642	633990	7130730	100	0	2	636	240	0	1	0	0	16	30	139	3	5	1	0	20

Sample	Easting	Northing	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Certificate
95080	635555	7131911	0	395	1	0	3	980	38	1	3	306	0	5	10	25	5	36	A9524472
95081	635577	7132014	1	540	1	0	8	780	60	1	4	319	0	5	20	38	5	70	A9524472
95082	635638	7132115	1	720	2	0	15	820	72	6	8	155	0	5	40	53	5	78	A9524472
95083	635661	7132225	1	605	1	0	19	830	50	4	6	157	0	5	60	56	5	82	A9524472
95084	635685	7132309	1	580	2	0	14	960	72	2	4	274	0	5	10	43	5	96	A9524472
95085	635607	7132471	1	450	2	0	18	750	44	4	7	80	0	5	40	60	5	78	A9524472
95086	635656	7132575	1	885	4	0	17	1400	70	4	12	140	0	5	5	107	10	116	A9524472
95087	635684	7132679	1	1095	7	0	17	1920	66	6	13	166	0	5	10	105	10	136	A9524472
95088	635730	7132775	1	930	12	0	29	1560	50	8	10	149	0	5	20	93	10	114	A9524472
95089	635771	7132870	1	960	14	0	35	1130	58	8	8	158	0	5	20	82	10	128	A9524472
95090	635811	7132961	1	475	6	0	26	800	88	2	6	47	0	5	40	68	5	110	A9524472
95091	635829	7133077	1	530	1	0	23	1040	122	4	6	63	0	5	30	59	5	102	A9524472
95092	635859	7133186	0	490	1	0	22	1160	34	2	4	50	0	5	5	53	5	82	A9524472
95093	635934	7133263	1	575	1	0	43	890	24	6	6	28	0	5	5	52	5	88	A9524472
95094	635992	7133360	1	525	3	0	30	860	34	2	4	26	0	5	5	52	5	86	A9524472
95095	636046	7133446	1	410	3	0	21	900	38	4	4	32	0	5	10	59	5	88	A9524472
95096	636086	7133543	0	265	2	0	18	760	18	2	3	22	0	5	5	56	5	70	A9524472
95097	636121	7133648	1	450	2	0	22	770	28	4	5	27	0	5	5	65	5	72	A9524472
8238	634411	7130616	0	230	10	0	15	1600	14	4	2	50	0	5	5	80	5	58	A9524499
8239	634492	7130651	1	395	1	0	17	1460	16	6	4	66	0	5	5	77	10	66	A9524499
8240	634576	7130598	0	105	2	0	9	1180	12	4	1	23	0	5	5	78	5	44	A9524499
8241	634665	7130567	1	1235	2	0	15	2210	24	16	11	184	0	5	5	88	10	108	A9524499
8242	634717	7130604	1	690	1	0	17	1680	34	6	8	206	0	5	5	87	10	98	A9524499
8243	634711	7130637	1	940	1	0	11	2420	38	12	11	161	0	5	5	80	10	90	A9524499
8244	634646	7130676	1	925	2	0	11	1710	38	10	10	108	0	5	5	75	10	92	A9524499
8245	634546	7130735	1	640	3	0	12	1900	24	4	10	163	0	5	5	94	10	78	A9524499
8246	634456	7130772	1	970	3	0	13	1800	28	8	14	156	0	5	5	106	10	96	A9524499
8247	634356	7130789	1	690	3	0	12	2210	28	6	11	147	0	5	5	102	10	92	A9524499
8248	634258	7130791	1	760	4	0	12	3090	22	12	10	184	0	5	5	131	10	94	A9524499
8249	634166	7130760	1	395	2	0	16	1690	14	8	6	52	0	5	5	91	10	70	A9524499
8250	634065	7130738	1	575	2	0	19	1910	20	6	7	56	0	5	5	94	10	82	A9524499
35606	632606	7131576	1	225	20	0	32	1470	50	14	5	133	0	5	5	123	20	88	A9524499
35607	632571	7131584	1	430	13	0	32	1450	52	10	4	100	0	5	5	88	10	82	A9524499
35608	632522	7131577	1	420	9	0	38	1300	36	8	4	72	0	5	5	78	10	98	A9524499
35609	632478	7131564	0	215	6	0	23	1220	26	8	2	47	0	5	5	63	5	70	A9524499
35610	632425	7131529	1	315	11	0	33	850	102	18	5	122	0	5	5	105	10	108	A9524499
35611	632393	7131521	1	415	10	0	38	1800	38	12	6	153	0	5	5	108	10	74	A9524499
35639	633559	7130881	1	390	7	0	15	1500	34	8	8	343	0	5	5	69	10	70	A9524499
35642	633990	7130730	1	415	2	0	20	1090	20	6	4	49	0	5	5	76	10	78	A9524499

Sample	Easting	Northing	Au ppm	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
35643	633884	7130724	95	0	2	316	220	0	2	0	0	13	26	71	3	5	1	0	30
35644	633777	7130723	60	0	2	438	280	0	1	0	0	14	29	103	3	10	1	0	30
35645	633678	7130736	130	0	2	288	250	0	1	0	0	14	27	92	3	10	1	0	30
8238	634411	7130616	500	0	2	318	140	0	12	0	0	11	24	106	3	5	1	0	10
8239	634492	7130651	20	0	3	90	160	0	1	1	0	9	22	50	3	5	1	0	20
8240	634576	7130598	30	0	1	264	80	0	1	0	0	3	19	45	2	5	1	0	10
8241	634665	7130567	140	0	2	1625	310	0	1	1	1	27	20	123	5	10	1	0	40
8242	634717	7130604	60	0	3	854	320	0	8	1	1	16	26	152	4	10	1	0	40
8243	634711	7130637	90	0	3	568	190	0	1	1	0	18	25	157	5	20	1	0	90
8244	634646	7130676	225	0	2	602	210	0	1	1	1	17	27	130	4	20	1	0	80
8245	634546	7130735	110	0	3	560	340	0	6	1	0	16	27	131	4	10	1	0	60
8246	634456	7130772	270	0	2	886	350	0	6	1	0	20	23	143	5	10	1	0	60
8247	634356	7130789	240	0	2	806	300	0	2	1	1	17	22	119	4	10	1	0	60
8248	634258	7130791	355	0	2	916	430	0	2	1	1	22	26	162	5	10	1	0	60
8249	634166	7130760	155	0	2	708	190	0	1	0	0	14	25	112	3	10	1	0	30
8250	634065	7130738	165	0	2	958	260	0	4	1	0	17	28	123	3	10	1	0	30
35606	632606	7131576	20	0	4	144	120	0	1	0	1	8	31	172	9	10	1	0	10
35607	632571	7131584	10	0	3	198	180	0	4	0	1	18	32	130	5	10	1	0	20
35608	632522	7131577	65	0	3	264	170	0	6	0	0	16	30	115	5	10	1	0	10
35609	632478	7131564	10	0	2	124	110	0	2	0	0	9	24	73	3	5	1	0	10
35610	632425	7131529	15	0	2	460	120	0	8	0	1	22	31	127	5	10	1	0	20
35611	632393	7131521	10	0	3	124	160	0	1	0	1	20	37	114	5	10	1	0	20
35639	633559	7130881	10	0	3	176	450	0	1	1	0	8	30	135	6	10	1	0	30
35642	633990	7130730	100	0	2	580	230	0	4	0	0	13	29	127	3	10	1	0	20
35643	633884	7130724	65	0	2	332	220	0	1	0	0	13	26	71	3	10	1	0	30
35644	633777	7130723	70	0	2	392	270	0	1	0	1	14	29	93	3	10	3	0	30
35645	633678	7130736	60	0	2	286	240	0	1	0	0	13	27	85	3	10	1	0	30
37701	635226	7130156	3	0	2	538	350	1	2	1	0	10	22	61	3	5	1	0	20
37702	635272	7130173	15	0	3	724	250	1	2	1	0	14	24	77	3	5	1	0	50
37703	635322	7130178	5	0	3	830	300	1	1	1	0	12	26	69	3	5	1	0	30
37704	635373	7130179	10	0	3	754	260	2	2	1	0	13	20	115	3	5	2	0	60
37705	635424	7130181	5	0	3	630	290	2	4	1	0	13	22	105	3	5	1	0	60
37706	635472	7130178	3	0	1	512	180	1	1	1	0	10	25	83	2	5	1	0	20
37707	635524	7130175	3	0	2	782	230	1	2	1	0	9	24	77	3	5	1	0	20
37708	635570	7130166	5	0	2	752	310	1	1	1	0	13	29	79	3	5	1	0	30
37709	635623	7130162	10	0	2	664	260	1	1	1	0	12	29	51	3	5	1	0	30
37710	635680	7130155	3	0	3	958	250	1	1	0	0	13	34	59	3	5	1	0	20
37711	635742	7130144	3	0	2	120	170	1	1	0	0	15	30	37	3	5	1	0	10
37712	635796	7130133	3	0	2	128	140	0	1	0	0	11	25	36	2	5	1	0	10

Sample	Easting	Northing	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Certificate
35643	633884	7130724	1	395	1	0	17	1510	14	6	3	47	0	5	5	75	5	74	A9524499
35644	633777	7130723	1	575	2	0	20	1090	22	4	5	51	0	5	5	76	10	78	A9524499
35645	633678	7130736	1	495	1	0	20	1500	14	4	4	49	0	5	5	77	10	80	A9524499
8238	634411	7130616	0	210	10	0	13	1400	20	2	2	42	0	5	5	66	5	48	A9526217
8239	634492	7130651	0	360	1	0	15	1340	16	2	3	58	0	5	5	60	5	56	A9526217
8240	634576	7130598	0	90	2	0	9	1080	10	2	1	20	0	5	5	62	5	38	A9526217
8241	634665	7130567	1	1190	2	0	15	2170	30	16	11	179	0	5	5	83	10	98	A9526217
8242	634717	7130604	1	675	2	0	16	1680	36	4	8	201	0	5	5	80	5	90	A9526217
8243	634711	7130637	1	995	2	0	12	2660	48	10	13	181	0	5	5	82	10	90	A9526217
8244	634646	7130676	1	950	2	0	13	1870	42	4	11	106	0	5	5	73	5	88	A9526217
8245	634546	7130735	1	670	3	0	13	1950	28	6	11	170	0	5	10	91	5	76	A9526217
8246	634456	7130772	1	940	3	0	12	1790	34	4	13	156	0	5	5	95	10	84	A9526217
8247	634356	7130789	1	675	3	0	11	2260	28	12	10	138	0	5	5	91	10	82	A9526217
8248	634258	7130791	1	765	4	0	12	2770	28	10	10	173	0	5	5	120	10	86	A9526217
8249	634166	7130760	1	370	2	0	17	1600	20	4	5	45	0	5	5	71	5	62	A9526217
8250	634065	7130738	1	560	3	0	19	1780	20	2	7	49	0	5	5	78	5	72	A9526217
35606	632606	7131576	1	220	20	0	29	1430	52	6	4	129	0	5	5	111	10	72	A9526217
35607	632571	7131584	1	440	14	0	30	1430	54	12	4	99	0	5	5	87	5	74	A9526217
35608	632522	7131577	1	420	10	0	36	1290	42	6	4	69	0	5	5	74	5	86	A9526217
35609	632478	7131564	0	200	6	0	21	1130	24	8	2	43	0	5	5	56	5	58	A9526217
35610	632425	7131529	1	310	12	0	34	840	106	14	4	119	0	5	5	95	5	96	A9526217
35611	632393	7131521	1	440	10	0	40	1800	42	12	6	150	0	5	5	107	5	70	A9526217
35639	633559	7130881	1	360	8	0	14	1490	46	16	7	333	0	5	5	62	5	60	A9526217
35642	633990	7130730	1	370	2	0	19	980	20	1	4	46	0	5	5	69	5	68	A9526217
35643	633884	7130724	1	415	1	0	17	1400	18	4	4	46	0	5	5	70	5	70	A9526217
35644	633777	7130723	1	540	2	0	19	1020	24	2	5	46	0	5	5	70	5	68	A9526217
35645	633678	7130736	1	480	1	0	20	1320	22	1	4	45	0	5	5	68	5	70	A9526217
37701	635226	7130156	1	295	2	0	16	1260	24	2	2	174	0	5	5	64	5	62	A9528480
37702	635272	7130173	1	370	1	0	16	2640	26	1	3	214	0	5	5	70	5	58	A9528480
37703	635322	7130178	1	345	1	0	20	1490	24	2	3	128	0	5	5	70	5	64	A9528480
37704	635373	7130179	1	345	1	0	14	2490	32	8	3	250	0	5	10	65	5	58	A9528480
37705	635424	7130181	1	430	1	0	17	2590	36	6	3	255	0	5	5	69	5	66	A9528480
37706	635472	7130178	1	325	1	0	19	1330	16	1	3	63	0	5	5	58	5	60	A9528480
37707	635524	7130175	0	295	1	0	20	1410	20	2	2	81	0	5	5	55	5	66	A9528480
37708	635570	7130166	1	460	1	0	22	1660	28	1	4	124	0	5	5	68	5	72	A9528480
37709	635623	7130162	1	465	2	0	21	1430	18	2	4	96	0	5	5	72	5	70	A9528480
37710	635680	7130155	1	435	3	0	23	930	22	1	3	54	0	5	5	70	5	72	A9528480
37711	635742	7130144	1	445	1	0	23	1140	14	2	2	31	0	5	5	67	5	94	A9528480
37712	635796	7130133	0	320	1	0	22	860	12	1	2	21	0	5	5	55	5	58	A9528480

Sample	Easting	Northing	Au ppm	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
37713	635847	7130135	3	0	2	124	140	1	1	0	0	10	25	34	3	5	1	0	10
37714	635899	7130137	3	0	2	114	90	0	1	0	0	6	23	22	2	5	1	0	10
37715	635949	7130141	3	0	2	378	200	1	1	0	0	7	23	46	2	5	1	0	20
37716	636049	7130142	3	0	1	16	70	0	1	0	0	3	22	28	2	5	1	0	10
37717	636012	7130609	3	0	2	412	270	1	2	1	0	10	25	62	3	5	1	0	30
37849	635200	7130116	45	0	2	772	310	1	2	1	0	11	21	59	4	5	1	0	30
37850	635197	7130063	3	0	1	24	80	0	1	0	0	7	19	25	2	5	1	0	10
37851	635197	7130013	20	0	2	536	200	1	1	1	0	24	23	73	5	5	2	0	70
37852	635203	7129957	15	0	2	400	190	1	4	1	0	16	22	62	4	10	1	0	60
37853	635221	7129909	3	0	2	90	150	0	1	0	0	7	25	57	3	10	1	0	30
37854	635240	7129861	3	0	3	164	260	2	1	1	0	16	23	68	4	10	1	0	50
37855	635266	7129818	3	0	1	28	110	0	1	0	0	3	23	32	2	5	1	0	10
37856	635300	7129775	35	0	2	50	130	1	1	0	0	10	28	36	3	10	1	0	20
37857	635334	7129740	10	0	2	326	160	1	1	0	0	9	27	61	4	10	1	0	20
37858	635370	7129703	3	0	1	40	70	0	1	0	0	3	20	37	2	5	1	0	10
37859	635412	7129677	3	0	3	76	320	1	1	1	0	14	30	60	4	10	1	0	50
37860	635463	7129646	3	0	2	16	140	1	1	1	0	7	21	40	3	10	1	0	30
37861	635500	7129610	3	0	3	96	230	2	1	1	0	14	18	56	4	10	1	0	50
37862	635532	7129571	3	0	2	92	310	1	1	1	0	9	25	70	3	10	1	0	60
37863	635556	7129528	3	0	2	46	220	1	1	0	0	7	24	63	3	10	1	0	20
37864	635578	7129481	3	0	3	112	310	1	4	1	0	13	27	59	4	10	1	0	60
37865	635603	7129435	3	0	2	54	160	0	1	0	0	4	22	38	3	5	1	0	10
37866	635623	7129388	3	0	2	34	170	1	6	0	0	6	24	32	3	10	1	0	20
37867	635645	7129349	3	0	2	20	100	0	1	0	0	8	23	38	2	5	1	0	20
37868	635684	7129301	3	0	2	80	120	1	1	0	0	9	28	51	3	10	1	0	20
37869	635703	7129258	3	0	2	14	130	0	1	0	0	9	27	28	3	10	1	0	20
37870	635728	7129210	3	0	2	10	150	3	1	0	0	12	22	27	5	10	1	0	30
37871	635742	7129161	3	0	2	124	110	2	4	1	0	11	19	37	4	10	1	0	50
37872	635757	7129114	3	0	3	42	230	2	1	1	0	14	18	44	3	10	1	0	50
37873	635791	7129072	3	0	2	6	100	0	1	0	0	5	28	20	3	5	1	0	10
37874	635833	7129035	3	0	3	46	230	2	1	1	0	10	15	43	3	10	1	0	40
41007	635440	7129042	3	0	3	34	300	1	4	0	0	11	41	22	5	10	1	1	30
41008	635454	7128963	3	0	2	22	180	1	1	0	0	10	26	23	3	10	1	0	20
41009	635497	7128852	3	0	2	14	250	1	2	0	1	11	22	24	3	10	1	0	30
41254	638440	7131033	3	0	2	16	300	1	1	0	1	16	30	42	3	5	1	0	10
41255	638388	7131043	3	0	2	12	210	1	2	0	0	8	38	36	3	10	1	0	10
41256	638343	7131054	3	0	2	32	210	1	2	0	0	11	30	46	3	5	1	0	10
41257	638287	7131065	3	0	3	220	290	2	8	0	0	18	37	67	4	10	1	0	20
41258	638225	7131066	3	0	4	26	290	1	2	0	1	15	40	50	4	10	1	0	10

Sample	Easting	Northing	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Certificate
37713	635847	7130135	0	315	1	0	19	890	14	1	1	26	0	5	5	56	5	58	A9528480
37714	635899	7130137	0	180	1	0	14	530	16	1	1	15	0	5	5	50	5	44	A9528480
37715	635949	7130141	0	200	1	0	13	1380	20	2	1	66	0	5	5	56	5	50	A9528480
37716	636049	7130142	0	65	2	0	8	1450	12	1	1	34	0	5	5	54	5	24	A9528480
37717	636012	7130609	1	260	1	0	18	1260	24	2	3	116	0	5	5	69	5	64	A9528480
37849	635200	7130116	1	425	3	0	9	2700	32	104	3	154	0	5	5	106	5	76	A9528480
37850	635197	7130063	0	395	1	0	10	1100	10	2	3	21	0	5	5	56	5	44	A9528480
37851	635197	7130013	1	965	3	0	13	3460	52	64	8	190	0	5	10	123	5	118	A9528480
37852	635203	7129957	1	650	2	0	9	2930	38	36	8	162	0	5	5	96	10	90	A9528480
37853	635221	7129909	1	230	2	0	11	1380	14	2	5	81	0	5	5	82	5	58	A9528480
37854	635240	7129861	1	765	1	0	9	1640	28	1	9	198	0	5	5	104	10	74	A9528480
37855	635266	7129818	0	110	2	0	10	1050	14	1	1	37	0	5	5	56	5	32	A9528480
37856	635300	7129775	1	585	1	0	18	950	66	20	4	27	0	5	5	67	5	114	A9528480
37857	635334	7129740	1	570	2	0	18	1100	26	4	5	50	0	5	5	73	5	84	A9528480
37858	635370	7129703	0	120	1	0	11	650	8	2	2	21	0	5	5	47	5	40	A9528480
37859	635412	7129677	1	700	1	0	10	2540	18	2	9	256	0	5	5	125	10	80	A9528480
37860	635463	7129646	0	260	1	0	9	1420	20	1	3	228	0	5	5	73	5	46	A9528480
37861	635500	7129610	1	665	1	0	8	2310	26	4	8	284	0	5	5	93	10	72	A9528480
37862	635532	7129571	1	370	1	0	8	2910	32	2	4	197	0	5	5	107	10	66	A9528480
37863	635556	7129528	0	235	2	0	10	1360	24	2	2	93	0	5	5	85	5	48	A9528480
37864	635578	7129481	1	535	1	0	23	2810	26	1	6	225	0	5	5	125	10	76	A9528480
37865	635603	7129435	0	145	1	0	8	1340	32	4	1	66	0	5	5	72	5	46	A9528480
37866	635623	7129388	0	220	1	0	10	1150	28	6	2	58	0	5	5	86	5	54	A9528480
37867	635645	7129349	0	270	2	0	17	1090	16	1	2	22	0	5	5	53	5	64	A9528480
37868	635684	7129301	1	375	8	0	21	840	14	1	4	23	0	5	40	59	5	68	A9528480
37869	635703	7129258	1	530	1	0	13	1060	24	1	5	22	0	5	5	68	5	68	A9528480
37870	635728	7129210	0	960	4	0	10	2040	38	1	2	30	0	5	5	76	5	86	A9528480
37871	635742	7129161	1	770	2	0	9	1870	26	6	6	36	0	5	5	76	5	84	A9528480
37872	635757	7129114	1	700	1	0	13	860	30	6	4	220	0	5	10	50	5	68	A9528480
37873	635791	7129072	0	315	1	0	13	500	18	1	2	17	0	5	5	64	5	58	A9528480
37874	635833	7129035	1	505	1	0	12	1200	40	4	3	189	0	5	10	54	10	74	A9528480
41007	635440	7129042	1	375	1	0	16	900	4	2	4	133	0	5	5	64	10	58	A9528480
41008	635454	7128963	1	555	1	0	17	710	18	1	3	60	0	5	5	53	5	80	A9528480
41009	635497	7128852	1	580	1	0	16	670	32	1	3	203	0	5	5	52	5	68	A9528480
41254	638440	7131033	1	530	1	0	27	750	20	2	4	41	0	5	5	60	5	64	A9528480
41255	638388	7131043	1	400	2	0	18	930	20	1	2	23	0	5	5	85	5	56	A9528480
41256	638343	7131054	0	315	2	0	24	1100	18	2	3	36	0	5	5	64	5	52	A9528480
41257	638287	7131065	1	500	1	0	37	820	30	1	4	54	0	5	5	66	5	70	A9528480
41258	638225	7131066	1	590	2	0	28	1140	12	2	5	45	0	5	5	70	10	82	A9528480

Sample	Easting	Northing	Au ppm	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
41259	638182	7131060	3	0	3	46	250	1	4	0	0	10	35	46	3	10	1	0	10
41260	638141	7131023	3	0	2	24	170	1	2	0	0	6	26	23	3	5	1	0	10
41261	638120	7130977	15	0	2	338	280	1	1	0	1	21	24	56	3	5	1	0	10
41263	638098	7130884	10	0	2	104	300	1	2	0	1	10	33	39	3	5	1	0	10
41264	638092	7130819	5	0	2	18	320	1	6	0	1	10	37	33	3	10	1	0	10
41265	638068	7130778	3	0	2	56	180	1	1	0	1	8	33	36	3	5	1	0	10
41266	638042	7130733	10	0	3	200	530	1	1	1	1	15	35	63	3	10	1	0	20
41267	638014	7130700	3	0	3	288	530	1	1	1	0	15	36	60	3	10	1	0	20
41268	637982	7130660	3	0	2	58	440	1	4	0	1	10	30	31	3	10	2	0	20
41269	637942	7130624	3	0	2	96	460	1	6	0	1	13	31	33	3	10	1	0	20
41270	637909	7130589	3	0	3	224	530	1	4	0	0	16	36	53	4	10	1	0	20
41271	637878	7130559	3	0	3	56	410	1	1	0	1	11	34	31	3	10	1	0	20
41272	637834	7130525	3	0	3	70	350	1	1	0	1	12	31	29	3	5	1	0	10
41273	637794	7130495	3	0	3	68	320	1	2	0	1	10	34	30	3	5	1	0	20
41274	637753	7130468	3	0	3	92	290	1	1	0	1	12	32	37	3	5	1	0	10
41275	637716	7130444	3	0	2	146	420	1	1	1	1	11	30	37	3	10	1	0	20
41276	637675	7130413	3	0	3	126	420	1	1	0	1	12	34	39	3	10	1	0	20
41278	637614	7130364	3	0	1	6	80	0	1	0	0	3	19	22	2	5	1	0	5
41279	637582	7130345	3	0	3	92	350	1	2	0	0	12	35	29	3	10	1	0	10
41280	637524	7130321	3	0	2	64	370	1	1	0	0	9	32	30	3	5	1	0	20
41281	637480	7130295	3	0	2	42	310	1	4	0	0	10	33	27	3	5	1	0	20
41282	637434	7130273	3	0	2	18	170	1	2	0	1	9	32	21	3	5	1	0	20
41283	637385	7130240	3	0	2	4	70	1	2	0	0	6	27	14	3	5	2	0	10
41284	637344	7130217	3	0	2	20	160	1	4	0	0	8	36	21	3	10	1	0	10
41285	637290	7130184	3	0	2	444	190	1	2	0	1	8	30	21	3	10	1	0	10
41286	637245	7130122	3	0	2	460	170	1	1	0	0	9	34	19	3	10	1	0	10

Sample	Easting	Northing	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Certificate
41259	638182	7131060	1	345	3	0	25	980	16	1	3	31	0	5	5	74	5	62	A9528480
41260	638141	7131023	0	195	1	0	12	760	20	2	2	22	0	5	5	63	5	40	A9528480
41261	638120	7130977	0	450	5	0	28	1120	22	4	3	140	0	5	5	53	5	74	A9528480
41263	638098	7130884	0	435	2	0	24	900	16	2	3	47	0	5	5	69	5	58	A9528480
41264	638092	7130819	0	325	1	0	18	860	12	2	4	57	0	5	5	80	5	50	A9528480
41265	638068	7130778	0	310	1	0	18	760	12	1	3	22	0	5	5	71	5	48	A9528480
41266	638042	7130733	1	700	2	0	23	1550	20	2	5	127	0	5	5	70	5	66	A9528480
41267	638014	7130700	1	645	1	0	28	1300	26	2	6	129	0	5	5	72	5	84	A9528480
41268	637982	7130660	1	385	1	0	19	1100	22	2	4	90	0	5	5	65	5	70	A9528480
41269	637942	7130624	1	505	1	0	21	1060	24	6	6	74	0	5	5	68	5	72	A9528480
41270	637909	7130589	1	665	2	0	23	1090	60	8	7	99	0	5	5	73	10	98	A9528480
41271	637878	7130559	1	610	2	0	23	910	32	2	5	66	0	5	5	70	5	94	A9528480
41272	637834	7130525	1	535	1	0	19	1000	30	1	3	59	0	5	5	62	5	78	A9528480
41273	637794	7130495	1	415	2	0	21	780	30	2	3	37	0	5	5	67	5	72	A9528480
41274	637753	7130468	1	365	1	0	20	790	28	1	4	57	0	5	5	65	5	62	A9528480
41275	637716	7130444	1	540	1	0	19	1170	28	2	5	74	0	5	5	66	5	74	A9528480
41276	637675	7130413	1	650	2	0	24	1180	36	4	6	55	0	5	5	71	5	90	A9528480
41278	637614	7130364	0	75	1	0	9	700	12	4	1	13	0	5	5	43	5	30	A9528480
41279	637582	7130345	1	470	1	0	21	920	34	1	3	44	0	5	5	73	5	74	A9528480
41280	637524	7130321	1	480	1	0	18	1260	20	1	4	55	0	5	5	72	5	72	A9528480
41281	637480	7130295	1	495	1	0	20	1040	26	1	5	52	0	5	5	65	5	68	A9528480
41282	637434	7130273	0	325	1	0	19	660	18	2	3	22	0	5	5	65	5	62	A9528480
41283	637385	7130240	0	210	1	0	12	460	20	1	2	13	0	5	5	71	5	44	A9528480
41284	637344	7130217	1	405	1	0	18	670	18	1	3	21	0	5	5	71	5	68	A9528480
41285	637290	7130184	0	400	1	0	14	1040	18	1	2	48	0	5	5	67	5	64	A9528480
41286	637245	7130122	1	335	1	0	18	770	12	2	3	29	0	5	5	70	5	62	A9528480

APPENDIX 4. Fine Fraction Stream Sediment Sample Results

-53 micron stream sediment results

-53 micron

Sample	Easting	Northing	Au ppm	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 %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb pppm
19988	633491	7132098	30	0	3	730	180	1	4	1	0	11	71	120	3	5	1	0	30	1	565	4	0	34	1010	36	1
19991	631857	7131594	40	1	4	1120	200	3	1	1	2	68	94	408	4	5	1	0	40	1	1650	10	0	166	1550	36	4
19992	631454	7130947	60	0	3	730	180	2	2	1	1	39	145	285	4	5	1	0	30	1	1240	8	0	132	1610	34	1
19993	631497	7130872	65	1	4	814	300	2	4	1	1	51	108	385	5	5	1	0	30	1	1280	4	0	104	1370	48	32
19994	633618	7130453	180	0	3	1380	250	1	2	1	1	21	72	147	5	5	1	0	40	1	780	6	0	34	1720	36	38
19995	634086	7130593	150	0	4	942	290	2	2	1	0	19	90	161	5	5	1	0	40	1	810	5	0	37	1940	34	2
19996	634561	7130679	100	0	3	952	280	2	2	1	0	21	58	167	4	5	1	0	40	1	800	3	0	30	2040	38	4
19997	633141	7128797	10	0	2	62	220	1	1	0	1	18	86	73	3	5	1	0	20	1	535	3	0	58	1160	20	8
19998	633091	7128690	3	0	3	48	300	1	2	1	2	17	85	89	4	5	1	0	30	1	810	4	0	86	1260	28	6
19999	635764	7127110	3	0	3	24	260	1	1	1	1	13	107	69	3	5	1	0	10	1	500	3	0	58	1400	22	1
20756	634499	7132015	245	1	3	868	200	2	8	1	1	17	76	407	3	5	1	0	60	1	510	4	0	39	2270	46	1
20757	635743	7133537	35	1	2	1065	130	2	12	1	1	14	74	204	3	5	1	0	70	1	610	3	0	38	1140	70	1
20758	635340	7133542	40	1	2	1000	120	2	12	1	1	15	71	232	3	5	1	0	70	1	600	3	0	35	1160	78	2
20759	634819	7133483	35	1	2	1220	90	3	12	1	1	13	59	208	4	5	1	0	80	1	590	4	0	28	1290	86	1
20760	634442	7133340	40	1	3	1150	100	4	12	1	1	13	56	201	4	5	1	0	80	1	700	4	0	26	1270	82	1
20761	636066	7133899	65	0	3	1200	230	2	2	1	2	55	85	317	6	5	1	0	50	1	1195	5	0	92	1200	74	4
20762	636330	7133513	50	1	3	1170	240	2	2	1	2	76	78	369	6	5	1	0	60	1	1875	7	0	104	1090	66	8
20763	636721	7133206	70	1	3	1725	200	2	2	0	1	43	81	395	6	5	1	0	60	1	675	7	0	47	1160	66	12
20764	635962	7133905	15	0	3	390	210	2	1	1	1	19	170	97	5	5	1	0	50	1	840	5	0	70	1660	66	2
20765	635580	7134143	10	0	2	240	260	1	1	1	1	13	87	74	4	5	1	0	40	1	725	2	0	39	1160	42	2
20766	635089	7134132	3	0	2	266	170	2	1	1	1	15	96	68	4	5	1	0	30	1	755	4	0	50	1240	44	1
20770	636628	7134659	60	0	2	546	200	2	2	1	1	18	99	117	4	5	1	0	40	1	810	4	0	48	1470	58	2

Sample	Sc ppm	Sr ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Certificate No.
19988	5	104	0	5	60	57	5	104	A9524003
19991	6	69	0	5	40	75	5	408	A9524003
19992	5	71	0	5	20	78	5	296	A9524003
19993	6	105	0	5	5	69	5	488	A9524003
19994	8	122	0	5	10	93	5	136	A9524003
19995	9	177	0	5	10	94	5	144	A9524003
19996	8	230	0	5	5	84	5	136	A9524003
19997	4	69	0	5	5	62	5	150	A9524653
19998	7	105	0	5	5	65	5	288	A9524653
19999	5	102	0	5	5	61	5	204	A9524653
20756	5	309	0	5	20	73	5	112	A9524653
20757	6	167	0	5	60	52	5	148	A9524653
20758	6	205	0	5	90	51	5	158	A9524653
20759	7	221	0	5	90	51	5	152	A9524653
20760	7	250	0	5	90	56	5	156	A9524653
20761	6	108	0	5	10	63	5	328	A9524653
20762	6	95	0	5	5	60	5	346	A9524653
20763	5	125	0	5	5	52	5	156	A9524653
20764	7	89	0	5	30	86	5	200	A9524653
20765	6	63	0	5	5	75	5	146	A9524653
20766	4	65	0	5	20	70	5	152	A9524653
20770	6	99	0	5	20	68	5	150	A9524653

-150 + 53 micron

Sample	Easting	Northing	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 %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm
19988	633491	7132098	0	2	718	150	1	2	0	0	10	32	98	3	5	1	0	30	1	515	4	0	21	820
19991	631857	7131594	0	3	776	160	2	1	1	1	49	31	247	3	5	1	0	40	1	1100	6	0	113	1480
19992	631454	7130947	0	2	534	150	1	1	1	1	26	34	181	4	5	1	0	30	1	745	5	0	72	1700
19993	631497	7130872	0	3	660	220	2	2	1	1	45	30	253	5	5	1	0	30	1	1095	4	0	61	1510
19994	633618	7130453	0	3	1140	280	1	2	1	0	20	24	132	5	5	1	0	40	1	700	3	0	15	2180
19995	634086	7130593	0	3	742	320	2	1	1	0	19	21	113	5	5	1	0	40	1	615	2	0	12	2030
19996	634561	7130679	0	3	630	320	1	1	1	0	19	17	116	4	5	1	0	40	1	605	1	0	12	2140
19997	633141	7128797	0	2	68	250	1	1	0	1	19	28	65	4	10	1	0	40	1	515	1	0	39	1220
19998	633091	7128690	0	2	28	310	0	4	1	1	13	31	46	4	10	1	0	40	1	520	3	0	40	1570
19999	635764	7127110	0	3	24	280	1	1	1	1	14	38	56	3	10	1	0	30	1	500	1	0	33	1530
20756	634499	7132015	0	2	500	330	1	8	1	0	16	21	253	3	20	1	0	80	1	375	1	0	11	2600
20757	635743	7133537	0	1	674	90	1	4	1	0	10	21	84	3	10	1	0	70	0	430	1	0	14	720
20758	635340	7133542	0	1	700	90	1	6	1	0	10	20	101	2	10	1	0	70	0	410	2	0	13	740
20759	634819	7133483	0	1	914	100	2	6	1	0	11	25	117	3	10	1	0	90	1	520	2	0	11	860
20760	634442	7133340	0	2	876	110	3	4	1	0	12	30	122	3	20	1	0	80	1	615	2	0	13	830
20761	636066	7133899	0	1	744	140	1	2	0	0	34	24	148	3	10	1	0	60	0	745	3	0	49	1010
20762	636330	7133513	0	2	810	150	1	2	0	1	54	20	199	4	10	1	0	40	0	1280	4	0	60	680
20763	636721	7133206	0	2	1290	150	1	2	0	0	31	20	255	4	10	1	0	40	0	395	4	0	24	670
20764	635962	7133905	0	1	230	90	1	1	1	0	11	22	37	3	10	1	0	70	0	390	2	0	19	1680
20765	635580	7134143	0	1	148	120	0	1	0	0	13	18	37	2	5	1	0	40	0	650	1	0	18	780
20766	635089	7134132	0	1	248	130	1	2	0	0	14	21	46	3	10	1	0	60	1	675	3	0	22	1300
20770	636628	7134659	0	1	328	130	1	2	0	0	13	25	57	3	10	1	0	70	0	500	2	0	22	1210

Sample	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19988	34	1	4	95	0	5	60	52	5	92
19991	28	2	4	69	0	5	20	65	5	272
19992	26	2	3	59	0	5	10	76	5	180
19993	38	24	4	106	0	5	5	84	10	300
19994	34	30	6	161	0	5	5	99	5	134
19995	28	1	6	189	0	5	5	110	5	126
19996	26	2	6	248	0	5	5	85	5	118
19997	24	20	4	100	0	5	5	60	10	128
19998	22	6	5	101	0	5	5	74	10	164
19999	28	4	5	134	0	5	5	62	10	180
20756	30	2	4	449	0	5	5	83	10	86
20757	44	1	4	102	0	5	5	37	10	90
20758	52	1	3	160	0	5	30	35	10	100
20759	66	2	6	186	0	5	40	44	10	110
20760	64	2	6	300	0	5	40	49	10	116
20761	42	4	4	72	0	5	5	39	10	164
20762	38	6	4	75	0	5	5	35	10	190
20763	42	8	3	99	0	5	5	30	5	94
20764	30	2	3	48	0	5	5	49	20	92
20765	26	1	3	39	0	5	5	37	5	86
20766	36	2	4	58	0	5	5	60	10	114
20770	38	2	4	68	0	5	5	51	10	94

-150 + 53 micron

Sample	Easting	Northing	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 %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm
19988	633491	7132098	0	2	718	150	1	2	0	0	10	32	98	3	5	1	0	30	1	515	4	0	21	820
19991	631857	7131594	0	3	776	160	2	1	1	1	49	31	247	3	5	1	0	40	1	1100	6	0	113	1480
19992	631454	7130947	0	2	534	150	1	1	1	1	26	34	181	4	5	1	0	30	1	745	5	0	72	1700
19993	631497	7130872	0	3	660	220	2	2	1	1	45	30	253	5	5	1	0	30	1	1095	4	0	61	1510
19994	633618	7130453	0	3	1140	280	1	2	1	0	20	24	132	5	5	1	0	40	1	700	3	0	15	2180
19995	634086	7130593	0	3	742	320	2	1	1	0	19	21	113	5	5	1	0	40	1	615	2	0	12	2030
19996	634561	7130679	0	3	630	320	1	1	1	0	19	17	116	4	5	1	0	40	1	605	1	0	12	2140
19997	633141	7128797	0	2	68	250	1	1	0	1	19	28	65	4	10	1	0	40	1	515	1	0	39	1220
19998	633091	7128690	0	2	28	310	0	4	1	1	13	31	46	4	10	1	0	40	1	520	3	0	40	1570
19999	635764	7127110	0	3	24	280	1	1	1	1	14	38	56	3	10	1	0	30	1	500	1	0	33	1530
20756	634499	7132015	0	2	500	330	1	8	1	0	16	21	253	3	20	1	0	80	1	375	1	0	11	2600
20757	635743	7133537	0	1	674	90	1	4	1	0	10	21	84	3	10	1	0	70	0	430	1	0	14	720
20758	635340	7133542	0	1	700	90	1	6	1	0	10	20	101	2	10	1	0	70	0	410	2	0	13	740
20759	634819	7133483	0	1	914	100	2	6	1	0	11	25	117	3	10	1	0	90	1	520	2	0	11	860
20760	634442	7133340	0	2	876	110	3	4	1	0	12	30	122	3	20	1	0	80	1	615	2	0	13	830
20761	636066	7133899	0	1	744	140	1	2	0	0	34	24	148	3	10	1	0	60	0	745	3	0	49	1010
20762	636330	7133513	0	2	810	150	1	2	0	1	54	20	199	4	10	1	0	40	0	1280	4	0	60	680
20763	636721	7133206	0	2	1290	150	1	2	0	0	31	20	255	4	10	1	0	40	0	395	4	0	24	670
20764	635962	7133905	0	1	230	90	1	1	1	0	11	22	37	3	10	1	0	70	0	390	2	0	19	1680
20765	635580	7134143	0	1	148	120	0	1	0	0	13	18	37	2	5	1	0	40	0	650	1	0	18	780
20766	635089	7134132	0	1	248	130	1	2	0	0	14	21	46	3	10	1	0	60	1	675	3	0	22	1300
20770	636628	7134659	0	1	328	130	1	2	0	0	13	25	57	3	10	1	0	70	0	500	2	0	22	1210

Sample	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19988	34	1	4	95	0	5	60	52	5	92
19991	28	2	4	69	0	5	20	65	5	272
19992	26	2	3	59	0	5	10	76	5	180
19993	38	24	4	106	0	5	5	84	10	300
19994	34	30	6	161	0	5	5	99	5	134
19995	28	1	6	189	0	5	5	110	5	126
19996	26	2	6	248	0	5	5	85	5	118
19997	24	20	4	100	0	5	5	60	10	128
19998	22	6	5	101	0	5	5	74	10	164
19999	28	4	5	134	0	5	5	62	10	180
20756	30	2	4	449	0	5	5	83	10	86
20757	44	1	4	102	0	5	5	37	10	90
20758	52	1	3	160	0	5	30	35	10	100
20759	66	2	6	186	0	5	40	44	10	110
20760	64	2	6	300	0	5	40	49	10	116
20761	42	4	4	72	0	5	5	39	10	164
20762	38	6	4	75	0	5	5	35	10	190
20763	42	8	3	99	0	5	5	30	5	94
20764	30	2	3	48	0	5	5	49	20	92
20765	26	1	3	39	0	5	5	37	5	86
20766	36	2	4	58	0	5	5	60	10	114
20770	38	2	4	68	0	5	5	51	10	94

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

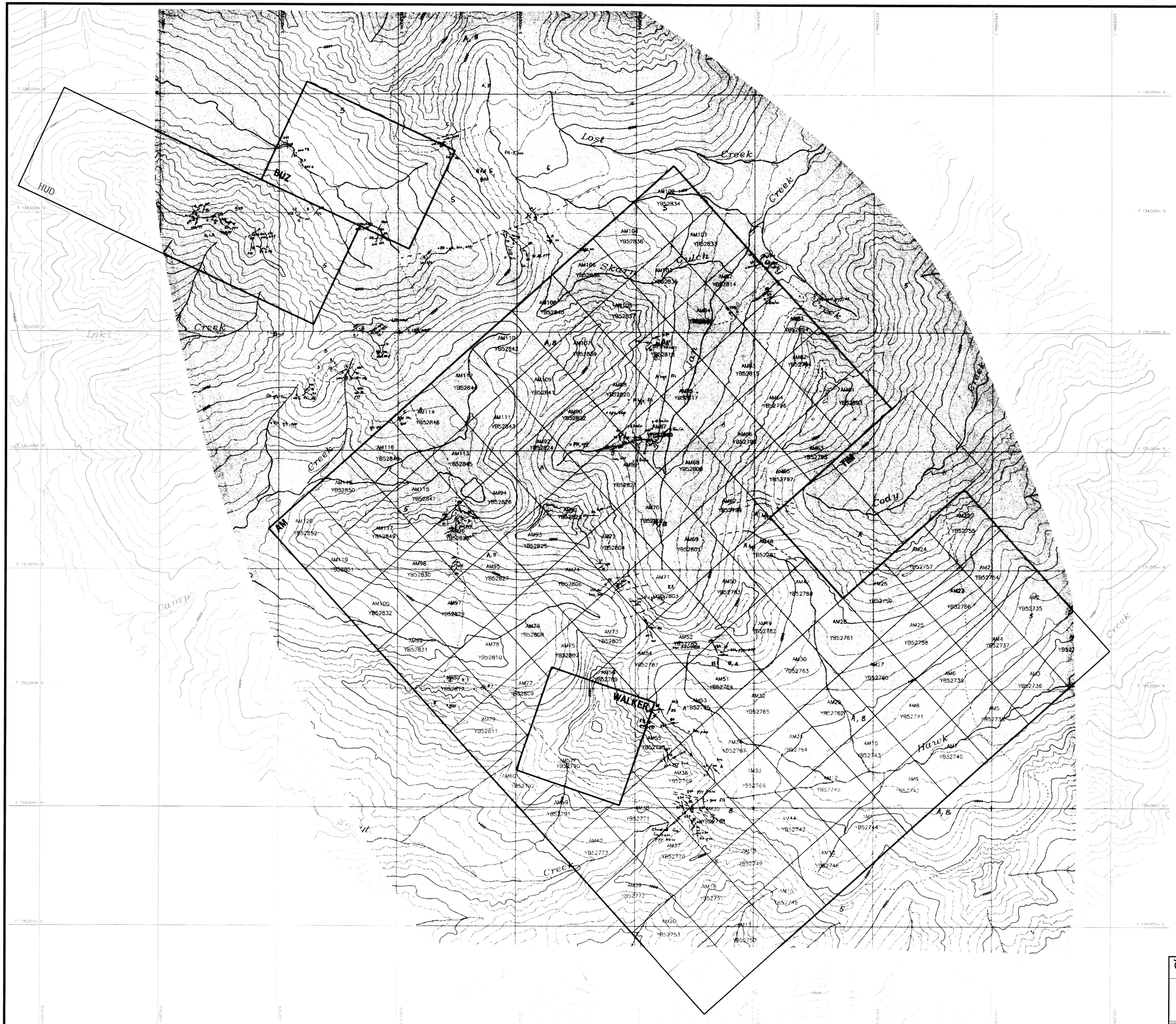
CLIENT: KENNECOTT CANADA INC.

PROJECT: 05475

REPORT: V95-00938.0 (COMPLETE)

DATE PRINTED: 7-DEC-95 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ir PPB	Ag PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	As PPM	Sb PPM	Fe PCT	Se PPM	Te PPM	Ba PPM	Cr PPM	Sn PPM	W PPM	Cs PPM	La PPM	Ce PPM	Sm PPM	Eu PPM	Tb PPM	Yb PPM	Lu PPM	Sc PPM	Hf PPM	Ta PPM	Th PPM	U PPM	Na PCT	Br PPM	Rb PPM	Zr PPM
VR19-083		537	<100	<5	<200	<2	<20	17	<10	796	71.0	4.0	<10	<20	868	102	<200	6	4	212	487	58.0	3	2	<5	1.0	11.0	30	<1	36.0	8.0	<.05	5	133	980
VR19-430		586	<100	<5	<200	<2	27	18	<10	73	29.0	8.0	<10	<20	593	92	<200	90	3	78	192	23.0	<2	2	<5	1.0	13.0	32	6	24.0	6.0	1.00	2	73	982
VR19-556		710	<100	<5	<200	10	<20	19	<10	458	9.0	8.0	<10	<20	1793	108	<200	340	22	150	259	17.0	<2	1	<5	<.5	13.0	86	8	76.0	59.0	1.00	3	195	2687
VR19-586		2172	<100	<5	<200	<2	33	18	<10	135	30.0	9.0	<10	<20	626	72	373	261	3	75	186	21.0	<2	1	<5	1.0	12.0	21	5	18.0	5.0	<.05	1	80	610
VR19-587		198	<100	<5	<200	<2	66	104	<10	240	25.0	9.0	<10	<20	1400	84	<200	51	15	106	239	25.0	<2	2	<5	<.5	16.0	11	1	22.0	6.0	1.00	4	180	<500
VR19-588		60	<100	<5	<200	<2	43	20	<10	201	44.0	5.0	<10	<20	1000	94	<200	43	5	70	147	15.0	<2	1	<5	<.5	12.0	27	2	29.0	10.0	<.05	3	133	853
VR19-589		243	<100	<5	433	7	106	110	<10	1338	25.0	7.0	<10	<20	1074	92	<200	462	12	220	435	30.0	<2	2	<5	<.5	12.0	34	3	40.0	30.0	<.05	9	99	1153
VR19-591		129	<100	<5	245	9	94	57	<10	976	23.0	8.0	<10	<20	1745	60	<200	70	19	82	164	17.0	<2	1	<5	<.5	14.0	49	2	53.0	39.0	1.00	9	139	1591
VR19-592		165	<100	<5	250	4	78	46	<10	509	60.0	>10.0	<10	<20	2073	123	<200	231	21	91	186	20.0	<2	1	<5	<.5	18.0	37	3	32.0	18.0	1.00	6	203	1127
VR19-593		73	<100	<5	267	8	49	21	<10	39	11.0	>10.0	<10	<20	4129	102	<200	31	8	52	110	12.0	<2	1	<5	<.5	14.0	25	3	21.0	11.0	<.05	2	117	841



LEGEND

INTRUSIVE ROCKS

LATE CRETACEOUS (89–92 Ma)

A MONZONITE — EQUIGRANULAR TO PORPHYRITIC, EQUIGRANULAR TO TRACHYTIC
- [Q2] QUARTZ MONZONITE
- [Q2H] HORNBLENDE QUARTZ MONZONITE

B SYENITE — EQUIGRANULAR TO PORPHYRITIC, EQUIGRANULAR TO TRACHYTIC

C QUARTZ PORPHYRY — EQUIGRANULAR TO PORPHYRITIC, FINE TO MEDIUM GRAINED

D DIORITE — EQUIGRANULAR, FINE TO MEDIUM GRAINED

E LAMPROPHYRIC

F APLITE — FINE GRAINED TO APHANITIC, FELSIC, OCCURS AS DYKES

METASEDIMENTARY ROCKS

LATE PROTEROZOIC TO DEVONIAN (?)

1 SILTSTONE — WELL LAMINATED, MODERATELY WELL TO POORLY BEDDED

2 MUDSTONE — FINE GRAINED, GENERALLY WELL BEDDED

3 ARGILLITE — HORN. IN PLACES HORNFELSED

4 QUARTZITE — HARD, SILICEOUS, POORLY BEDDED; INCLUDES GRITTY UNITS OF CONGLOMERATE

5 UNDIVIDED METASEDIMENTARY ROCKS

ALTERATION

- [SS] TALC – SILICATE
- [SKN] SKARN
- [BR] BRECCIA

SYMBOLS

- 80 — BEDDING: INCLINED, VERTICAL
- 20 — FOLIATION: INCLINED, VERTICAL
- GEOLOGICAL CONTACT: DEFINED, INFERED/APPROXIMATE
- OUTCROP
- JOINT: INCLINED, VERTICAL
- FAULT/SHEAR
- 20 — FOLD AXIS

contour interval 40 metres

scale: 1:10,000

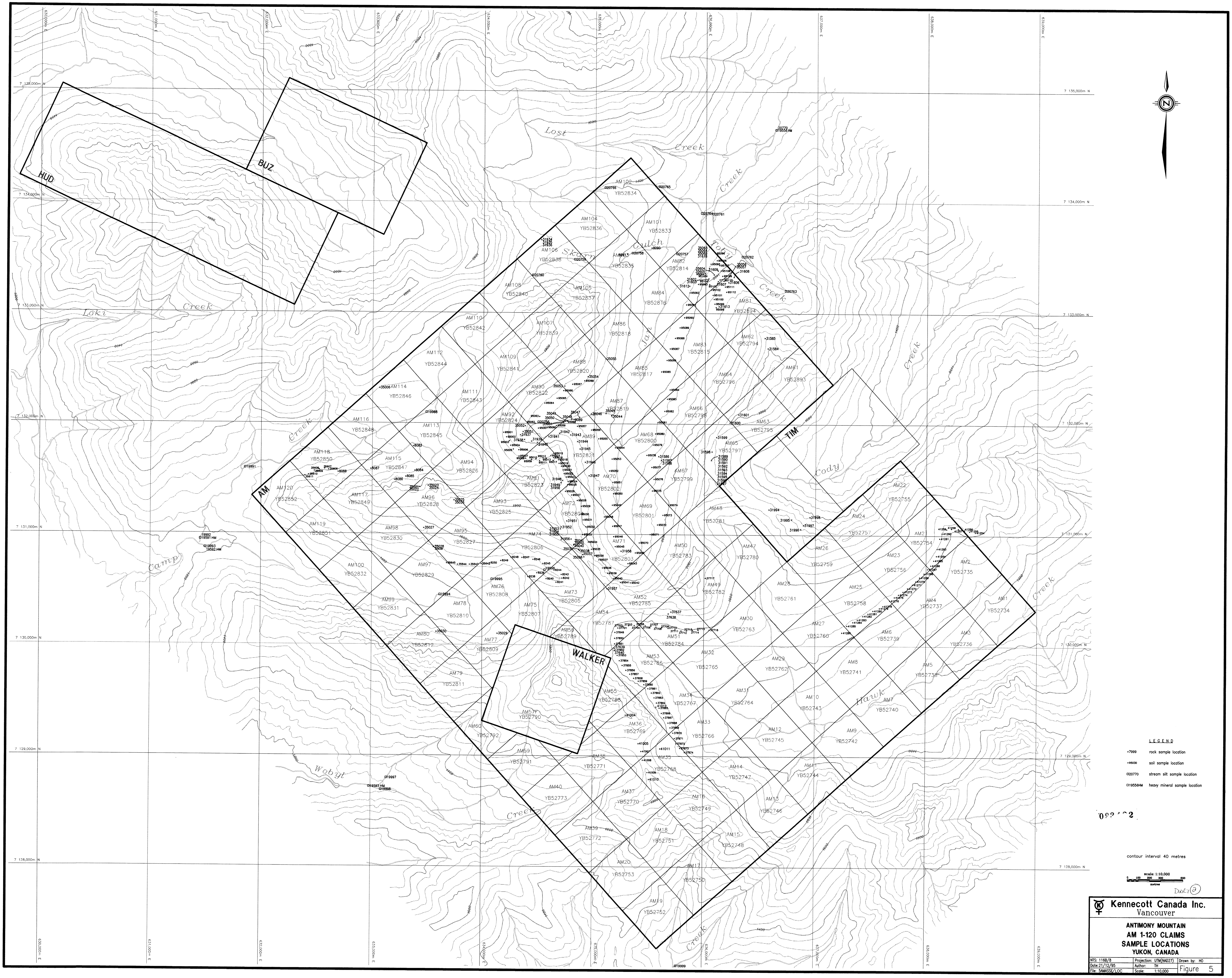
0 100 200 300 500 metres

093422

Kennecott Canada Inc.
Vancouver

ANTIMONY MOUNTAIN
AM 1-120 CLAIMS
PROPERTY GEOLOGY
YUKON, CANADA

NTS: 116B/8	Projection: UTM(NAD27)	Drawn by: HO
Date: 21/12/95	Author: TH	Figure 4
File: SAMASSE /LEG	Scale: 1:10,000	



N:\GROUPS\VANGIS\DWG\YUK\POR\ANT\5AMASSE Fri Dec 22 17:43:58 1995

HUD

BUZ

AM

TIM

WALKER

Lost Creek

Foby Creek

Skarn Gulch

Jay Creek

Loki Creek

Cody Creek

Camp Creek

Hauk Creek

Wobyt Creek

AM102 YB52834
AM104 YB52836
AM101 YB52833
AM106 YB52838
AM103 YB52835
AM82 YB52814
AM108 YB52840
AM105 YB52837
AM84 YB52816
AM81 YB52894
AM110 YB52842
AM107 YB52839
AM86 YB52818
AM83 YB52815
AM82 YB52794
AM112 YB52844
AM109 YB52841
AM85 YB52817
AM64 YB52796
AM81 YB52893
AM114 YB52846
AM111 YB52843
AM90 YB52822
AM87 YB52819
AM66 YB52795
AM63 YB52795
AM116 YB52848
AM113 YB52845
AM92 YB52824
AM89 YB52821
AM68 YB52800
AM65 YB52797
AM118 YB52850
AM115 YB52847
AM94 YB52826
AM91 YB52823
AM70 YB52802
AM67 YB52799
AM22 YB52755
AM120 YB52852
AM117 YB52849
AM96 YB52828
AM93 YB52825
AM72 YB52804
AM69 YB52801
AM48 YB52781
AM24 YB52757
AM119 YB52851
AM98 YB52830
AM95 YB52827
AM74 YB52806
AM71 YB52803
AM50 YB52783
AM47 YB52780
AM26 YB52759
AM2 YB52754
AM23 YB52756
AM2 YB52735
AM100 YB52832
AM97 YB52829
AM76 YB52808
AM73 YB52805
AM52 YB52785
AM49 YB52782
AM28 YB52761
AM25 YB52758
AM4 YB52737
AM1 YB52734
AM99 YB52831
AM78 YB52810
AM75 YB52807
AM54 YB52787
AM30 YB52763
AM27 YB52760
AM6 YB52739
AM3 YB52736
AM80 YB52812
AM77 YB52809
AM53 YB52786
AM32 YB52765
AM29 YB52762
AM8 YB52741
AM5 YB52738
AM79 YB52811
AM55 YB52788
AM31 YB52764
AM10 YB52743
AM7 YB52740
AM57 YB52790
AM34 YB52767
AM33 YB52766
AM12 YB52745
AM9 YB52742
AM60 YB52792
AM36 YB52769
AM59 YB52791
AM38 YB52771
AM35 YB52768
AM14 YB52747
AM11 YB52744
AM40 YB52773
AM37 YB52770
AM16 YB52749
AM13 YB52746
AM39 YB52772
AM18 YB52751
AM15 YB52748
AM20 YB52753
AM17 YB52750
AM19 YB52752

7 138,000m N
7 137,000m N
7 136,000m N
7 135,000m N
7 134,000m N
7 133,000m N
7 132,000m N
7 131,000m N
7 130,000m N
7 129,000m N
7 128,000m N

630,000m E
631,000m E
632,000m E
633,000m E
634,000m E
635,000m E
636,000m E
637,000m E
638,000m E
639,000m E

N

- <5ppb GOLD
- 6–50ppb GOLD
- 51–100ppb GOLD
- 101–500ppb GOLD
- 501–1500ppb GOLD
- >1500ppb GOLD

093422

contour interval 40 metres

scale: 1:10,000
0 100 200 300 500
metres

Duff 2

Kennecott Canada Inc.
Vancouver

ANTIMONY MOUNTAIN
AM 1-120 CLAIMS
GOLD IN ROCK SAMPLES
YUKON, CANADA

NTS: 116B/8	Projection: UTM(NAD27)	Drawn by: HO
Date:21/12/95	Author: TH	Figure 6
File: SAMASSGRX-AU	Scale: 1:10,000	

N:\GROUPS\YUKON\$\DWG\YUK\PGRAM\TSAMASSE Fri Dec 22 17:48:10 1995

HUD

BUZ

AM

TIM

WALKER

Lost Creek

Creek

Loki Creek

Skarn Gulch

Toby Creek

Jay Creek

Cody Creek

Hawk Creek

Camp Creek

Wobit Creek

- <2ppm ARSENIC
- 3–500 ppm ARSENIC
- 501–1000ppm ARSENIC
- 1001–3500ppm ARSENIC
- >3500ppm ARSENIC

093422

contour interval 40 metres

scale: 1:10,000

0 100 200 300 500 metres

Dwg 4

Kennecott Canada Inc.
Vancouver

ANTIMONY MOUNTAIN
AM 1-120 CLAIMS
ARSENIC IN ROCK SAMPLES
YUKON, CANADA

NTS: 116B/8	Projection: UTM(NAD27)	Drawn by: HD
Date: 21/12/95	Author: TH	Figure 7
File: SAMASSBRX-AS	Scale: 1:10,000	

N:\GROUPS\VANGIS\DWG\YUK\PORVANT\SAMASSE Fri Dec 22 17:59:51 1995

HUD
BUZ
AM
TIM
WALKER
Lost Creek
Loki Creek
Camp Creek
Wobyt Creek
Toby Creek
Skarn Gulch
Jay Creek
Cody Creek
Hawk Creek
AM101 YB52833
AM102 YB52834
AM103 YB52835
AM104 YB52836
AM105 YB52837
AM106 YB52838
AM107 YB52839
AM108 YB52840
AM109 YB52841
AM110 YB52842
AM111 YB52843
AM112 YB52844
AM113 YB52845
AM114 YB52846
AM115 YB52847
AM116 YB52848
AM117 YB52849
AM118 YB52850
AM119 YB52851
AM120 YB52852
AM1 YB52734
AM2 YB52735
AM3 YB52736
AM4 YB52737
AM5 YB52738
AM6 YB52739
AM7 YB52740
AM8 YB52741
AM9 YB52742
AM10 YB52743
AM11 YB52744
AM12 YB52745
AM13 YB52746
AM14 YB52747
AM15 YB52748
AM16 YB52749
AM17 YB52750
AM18 YB52751
AM19 YB52752
AM20 YB52753
AM21 YB52754
AM22 YB52755
AM23 YB52756
AM24 YB52757
AM25 YB52758
AM26 YB52759
AM27 YB52760
AM28 YB52761
AM29 YB52762
AM30 YB52763
AM31 YB52764
AM32 YB52765
AM33 YB52766
AM34 YB52767
AM35 YB52768
AM36 YB52769
AM37 YB52770
AM38 YB52771
AM39 YB52772
AM40 YB52773
AM41 YB52774
AM42 YB52775
AM43 YB52776
AM44 YB52777
AM45 YB52778
AM46 YB52779
AM47 YB52780
AM48 YB52781
AM49 YB52782
AM50 YB52783
AM51 YB52784
AM52 YB52785
AM53 YB52786
AM54 YB52787
AM55 YB52788
AM56 YB52789
AM57 YB52790
AM58 YB52791
AM59 YB52792
AM60 YB52793
AM61 YB52893
AM62 YB52794
AM63 YB52795
AM64 YB52796
AM65 YB52797
AM66 YB52798
AM67 YB52799
AM68 YB52800
AM69 YB52801
AM70 YB52802
AM71 YB52803
AM72 YB52804
AM73 YB52805
AM74 YB52806
AM75 YB52807
AM76 YB52808
AM77 YB52809
AM78 YB52810
AM79 YB52811
AM80 YB52812
AM81 YB52894
AM82 YB52814
AM83 YB52815
AM84 YB52816
AM85 YB52817
AM86 YB52818
AM87 YB52819
AM88 YB52820
AM89 YB52821
AM90 YB52822
AM91 YB52823
AM92 YB52824
AM93 YB52825
AM94 YB52826
AM95 YB52827
AM96 YB52828
AM97 YB52829
AM98 YB52830
AM99 YB52831
AM100 YB52832
7 138,000m N
7 135,000m N
7 134,000m N
7 133,000m N
7 132,000m N
7 131,000m N
7 130,000m N
7 129,000m N
7 128,000m N
630,000m E
631,000m E
632,000m E
633,000m E
634,000m E
635,000m E
636,000m E
637,000m E
638,000m E
639,000m E
1000
1200
1400
1600
1800

- <2ppm ANTIMONY
- 3–20ppm ANTIMONY
- 21–50ppm ANTIMONY
- 51–500ppm ANTIMONY
- >500ppm ANTIMONY

093422

contour interval 40 metres

scale: 1:10,000
0 100 200 300 400 500
metres

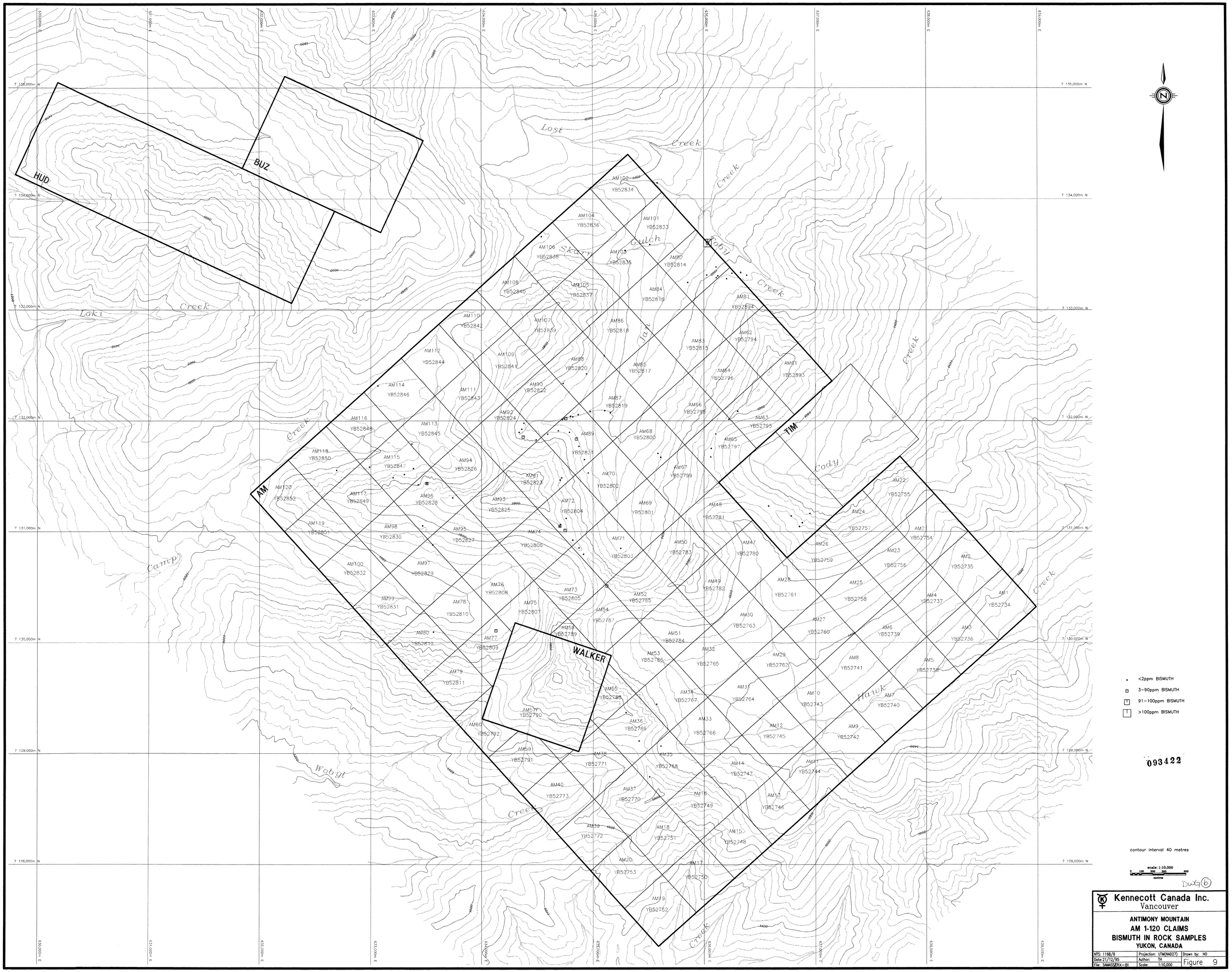
DWG 5

Kennecott Canada Inc.
Vancouver

ANTIMONY MOUNTAIN
AM 1-120 CLAIMS
ANTIMONY IN ROCK SAMPLES
YUKON, CANADA

NTS: 116B/8	Projection: UTM(NAD27)	Drawn by: HO
Date:21/12/95	Author: TH	Figure 8
File: SAMASSRX-SB	Scale: 1:10,000	

N:\GROUPS\VANGIS\DWGS\YUK\PDR\ANT\SAMASSE Fri Dec 22 18:06:17 1995



N:\GROUPS\YUKON\PROJECTS\SAMASSE Fri Dec 22 18:28:05 1995

HUD

BUZ

AM

TIM

WALKER

Lost Creek

Loki Creek

Camp Creek

Wobyl Creek

Skarn Gulch

Baby Creek

Jade Creek

Cody Creek

Hawk Creek

AM102 YB52834
AM104 YB52836
AM101 YB52833
AM106 YB52838
AM103 YB52835
AM82 YB52814
AM108 YB52840
AM105 YB52837
AM84 YB52816
AM81 YB52894
AM110 YB52842
AM107 YB52839
AM86 YB52818
AM83 YB52815
AM82 YB52794
AM112 YB52844
AM109 YB52841
AM85 YB52820
AM85 YB52817
AM64 YB52796
AM81 YB52893
AM114 YB52846
AM111 YB52843
AM90 YB52822
AM87 YB52819
AM66 YB52795
AM116 YB52848
AM92 YB52824
AM113 YB52845
AM89 YB52821
AM68 YB52800
AM63 YB52795
AM65 YB52797
AM118 YB52850
AM115 YB52847
AM94 YB52826
AM91 YB52823
AM70 YB52802
AM67 YB52799
AM22 YB52755
AM120 YB52852
AM117 YB52849
AM96 YB52828
AM93 YB52825
AM72 YB52804
AM69 YB52801
AM48 YB52781
AM24 YB52757
AM119 YB52851
AM98 YB52830
AM95 YB52827
AM74 YB52806
AM71 YB52803
AM50 YB52783
AM47 YB52780
AM26 YB52759
AM23 YB52756
AM2 YB52735
AM2 YB52754
AM100 YB52832
AM97 YB52829
AM76 YB52808
AM73 YB52805
AM52 YB52785
AM49 YB52782
AM28 YB52761
AM25 YB52758
AM4 YB52737
AM1 YB52734
AM99 YB52831
AM78 YB52810
AM75 YB52807
AM54 YB52787
AM30 YB52763
AM27 YB52760
AM6 YB52739
AM3 YB52736
AM80 YB52812
AM77 YB52809
AM58 YB52789
AM51 YB52784
AM53 YB52786
AM32 YB52765
AM29 YB52762
AM8 YB52741
AM5 YB52738
AM79 YB52811
AM55 YB52788
AM34 YB52767
AM31 YB52764
AM10 YB52743
AM7 YB52740
AM57 YB52790
AM36 YB52769
AM33 YB52766
AM12 YB52745
AM9 YB52742
AM60 YB52792
AM59 YB52791
AM38 YB52771
AM35 YB52768
AM14 YB52747
AM11 YB52744
AM40 YB52773
AM37 YB52770
AM16 YB52749
AM13 YB52746
AM39 YB52772
AM18 YB52751
AM15 YB52748
AM20 YB52753
AM17 YB52750
AM19 YB52752

7 138,000m N
7 135,000m N
7 134,000m N
7 133,000m N
7 132,000m N
7 131,000m N
7 130,000m N
7 129,000m N
7 128,000m N

631000m E
632000m E
633000m E
634000m E
635000m E
636000m E
637000m E
638000m E
639000m E

- <1ppm COPPER
- 2–160ppm COPPER
- 161–500ppm COPPER
- >300ppm COPPER

093422

contour interval 40 metres

scale: 1:10,000
0 100 200 300 500
metres

Dwg 7

Kennecott Canada Inc.
Vancouver

ANTIMONY MOUNTAIN
AM 1-120 CLAIMS
COPPER IN ROCK SAMPLES
YUKON, CANADA

NTS: 116B/8	Projection: UTM(NAD27)	Drawn by: HO
Date: 21/12/95	Author: TH	Figure 10
File: SAMAS9BRX-CU	Scale: 1:10,000	

N:\GROUPS\VANDATA\DWG\YUK\PGRM\ANT\SAMASSE Fri Dec 22 18:31:02 1995

HUD

BUZ

TIM

WALKER

AM

Lost Creek

Loki Creek

Skarn Gulch

Ruby Creek

Jay Creek

Cody Creek

Hauk Creek

Camp Creek

Wobyl Creek

AM101 YB52833
AM102 YB52834
AM103 YB52835
AM104 YB52836
AM105 YB52837
AM106 YB52838
AM107 YB52839
AM108 YB52840
AM109 YB52841
AM110 YB52842
AM111 YB52843
AM112 YB52844
AM113 YB52845
AM114 YB52846
AM115 YB52847
AM116 YB52848
AM117 YB52849
AM118 YB52850
AM119 YB52851
AM120 YB52852
AM1 YB52734
AM2 YB52735
AM3 YB52736
AM4 YB52737
AM5 YB52738
AM6 YB52739
AM7 YB52740
AM8 YB52741
AM9 YB52742
AM10 YB52743
AM11 YB52744
AM12 YB52745
AM13 YB52746
AM14 YB52747
AM15 YB52748
AM16 YB52749
AM17 YB52750
AM18 YB52751
AM19 YB52752
AM20 YB52753
AM22 YB52755
AM23 YB52756
AM24 YB52757
AM25 YB52758
AM26 YB52759
AM27 YB52760
AM28 YB52761
AM29 YB52762
AM30 YB52763
AM31 YB52764
AM32 YB52765
AM33 YB52766
AM34 YB52767
AM35 YB52768
AM36 YB52769
AM37 YB52770
AM38 YB52771
AM39 YB52772
AM40 YB52773
AM41 YB52774
AM42 YB52775
AM43 YB52776
AM44 YB52777
AM45 YB52778
AM46 YB52779
AM47 YB52780
AM48 YB52781
AM49 YB52782
AM50 YB52783
AM51 YB52784
AM52 YB52785
AM53 YB52786
AM54 YB52787
AM55 YB52788
AM56 YB52789
AM57 YB52790
AM58 YB52791
AM59 YB52792
AM60 YB52793
AM61 YB52794
AM62 YB52795
AM63 YB52796
AM64 YB52797
AM65 YB52798
AM66 YB52799
AM67 YB52800
AM68 YB52801
AM69 YB52802
AM70 YB52803
AM71 YB52804
AM72 YB52805
AM73 YB52806
AM74 YB52807
AM75 YB52808
AM76 YB52809
AM77 YB52810
AM78 YB52811
AM79 YB52812
AM80 YB52813
AM81 YB52814
AM82 YB52815
AM83 YB52816
AM84 YB52817
AM85 YB52818
AM86 YB52819
AM87 YB52820
AM88 YB52821
AM89 YB52822
AM90 YB52823
AM91 YB52824
AM92 YB52825
AM93 YB52826
AM94 YB52827
AM95 YB52828
AM96 YB52829
AM97 YB52830
AM98 YB52831
AM99 YB52832
AM100 YB52833
AM1 YB52734
AM2 YB52735
AM3 YB52736
AM4 YB52737
AM5 YB52738
AM6 YB52739
AM7 YB52740
AM8 YB52741
AM9 YB52742
AM10 YB52743
AM11 YB52744
AM12 YB52745
AM13 YB52746
AM14 YB52747
AM15 YB52748
AM16 YB52749
AM17 YB52750
AM18 YB52751
AM19 YB52752
AM20 YB52753
AM22 YB52755
AM23 YB52756
AM24 YB52757
AM25 YB52758
AM26 YB52759
AM27 YB52760
AM28 YB52761
AM29 YB52762
AM30 YB52763
AM31 YB52764
AM32 YB52765
AM33 YB52766
AM34 YB52767
AM35 YB52768
AM36 YB52769
AM37 YB52770
AM38 YB52771
AM39 YB52772
AM40 YB52773
AM41 YB52774
AM42 YB52775
AM43 YB52776
AM44 YB52777
AM45 YB52778
AM46 YB52779
AM47 YB52780
AM48 YB52781
AM49 YB52782
AM50 YB52783
AM51 YB52784
AM52 YB52785
AM53 YB52786
AM54 YB52787
AM55 YB52788
AM56 YB52789
AM57 YB52790
AM58 YB52791
AM59 YB52792
AM60 YB52793
AM61 YB52794
AM62 YB52795
AM63 YB52796
AM64 YB52797
AM65 YB52798
AM66 YB52799
AM67 YB52800
AM68 YB52801
AM69 YB52802
AM70 YB52803
AM71 YB52804
AM72 YB52805
AM73 YB52806
AM74 YB52807
AM75 YB52808
AM76 YB52809
AM77 YB52810
AM78 YB52811
AM79 YB52812
AM80 YB52813
AM81 YB52814
AM82 YB52815
AM83 YB52816
AM84 YB52817
AM85 YB52818
AM86 YB52819
AM87 YB52820
AM88 YB52821
AM89 YB52822
AM90 YB52823
AM91 YB52824
AM92 YB52825
AM93 YB52826
AM94 YB52827
AM95 YB52828
AM96 YB52829
AM97 YB52830
AM98 YB52831
AM99 YB52832
AM100 YB52833
AM101 YB52834
AM102 YB52835
AM103 YB52836
AM104 YB52837
AM105 YB52838
AM106 YB52839
AM107 YB52840
AM108 YB52841
AM109 YB52842
AM110 YB52843
AM111 YB52844
AM112 YB52845
AM113 YB52846
AM114 YB52847
AM115 YB52848
AM116 YB52849
AM117 YB52850
AM118 YB52851
AM119 YB52852
AM120

6630000m E
6631000m E
6632000m E
6633000m E
6634000m E
6635000m E
6636000m E
6637000m E
6638000m E
6639000m E

7 138,000m N
7 137,000m N
7 136,000m N
7 135,000m N
7 134,000m N
7 133,000m N
7 132,000m N
7 131,000m N
7 130,000m N
7 129,000m N
7 128,000m N

N

LEGEND

SOIL SAMPLES

- . <5ppb GOLD
- . 6–50ppb GOLD
- ▲ 51–100ppb GOLD
- △ 101–300ppb GOLD
- ⚠ 301–450ppb GOLD
- ⚠ >450ppb GOLD

STREAM SAMPLES

- . <5ppb GOLD
- ▪ 6–25ppb GOLD
- ⊡ 25–50ppb GOLD
- [1] 51–100ppb GOLD
- [1] 101–200ppb GOLD
- [1] >200ppb GOLD

093422

contour interval 40 metres

scale: 1:10,000
0 100 200 300 600
metres

Dwg 8

Kennecott Canada Inc.
Vancouver

ANTIMONY MOUNTAIN
AM 1-120 CLAIMS
GOLD IN STREAM AND SOIL SAMPLES
YUKON, CANADA

NTS: 116B/8	Projection: UTM(NAD27)	Drawn by: HD
Date:21/12/95	Author: TH	Figure 11
File: SAMASSSS-AU	Scale: 1:10,000	

N:\GROUPS\YUKON\DWG\YUK\YORVUNT\SAMASSE Fri Dec 22 18:38:45 1995

HUD

BUZ

AM

TIM

WALKER

Lost Creek

Loki Creek

Wabm Creek

Yukluk Creek

Tabby Creek

Creek

AM102 YB52834
AM104 YB52836
AM101 YB52833
AM106 YB52838
AM103 YB52835
AM80 YB52814
AM108 YB52840
AM105 YB52837
AM84 YB52816
AM81 YB52824
AM110 YB52842
AM107 YB52839
AM86 YB52818
AM82 YB52794
AM112 YB52844
AM109 YB52841
AM88 YB52820
AM83 YB52815
AM85 YB52817
AM64 YB52796
AM61 YB52893
AM114 YB52846
AM111 YB52843
AM90 YB52822
AM87 YB52819
AM66 YB52798
AM116 YB52848
AM113 YB52845
AM92 YB52824
AM89 YB52821
AM68 YB52800
AM63 YB52795
AM65 YB52797
AM118 YB52850
AM115 YB52847
AM94 YB52826
AM91 YB52823
AM70 YB52802
AM67 YB52799
AM120 YB52852
AM117 YB52849
AM96 YB52828
AM93 YB52825
AM72 YB52804
AM69 YB52801
AM48 YB52781
AM22 YB52755
AM119 YB52851
AM98 YB52830
AM95 YB52827
AM74 YB52808
AM71 YB52803
AM50 YB52783
AM47 YB52780
AM24 YB52757
AM21 YB52754
AM100 YB52832
AM97 YB52829
AM76 YB52808
AM73 YB52805
AM52 YB52785
AM49 YB52782
AM26 YB52759
AM23 YB52736
AM2 YB52735
AM99 YB52831
AM78 YB52810
AM75 YB52807
AM54 YB52787
AM28 YB52761
AM25 YB52758
AM4 YB52737
AM1 YB52734
AM80 YB52812
AM77 YB52809
AM56 YB52789
AM51 YB52784
AM30 YB52763
AM27 YB52760
AM6 YB52739
AM3 YB52736
AM79 YB52811
AM53 YB52786
AM32 YB52765
AM29 YB52762
AM8 YB52741
AM5 YB52738
AM55 YB52788
AM34 YB52767
AM31 YB52764
AM10 YB52743
AM7 YB52740
AM60 YB52792
AM57 YB52790
AM36 YB52769
AM33 YB52766
AM12 YB52745
AM9 YB52742
AM59 YB52791
AM38 YB52771
AM35 YB52768
AM14 YB52747
AM11 YB52744
AM40 YB52773
AM37 YB52770
AM16 YB52749
AM13 YB52746
AM39 YB52772
AM18 YB52751
AM15 YB52748
AM20 YB52753
AM17 YB52750
AM19 YB52752

7 135,000m N
7 134,000m N
7 133,000m N
7 132,000m N
7 131,000m N
7 130,000m N
7 129,000m N
7 128,000m N

535,000m E
536,000m E
537,000m E
538,000m E
539,000m E
540,000m E
541,000m E
542,000m E
543,000m E

L E G E N D

SOIL SAMPLES

- . <2ppm ARSENIC
- . 3–100 ppm ARSENIC
- △ 101–400ppm ARSENIC
- △ 401–1000ppm ARSENIC
- △ 1000–2000ppm ARSENIC
- △ >2000ppm ARSENIC

STREAM SAMPLES

- . <2ppm ARSENIC
- ▫ 3–500 ppm ARSENIC
- ▫ 501–1000ppm ARSENIC
- ▫ 1001–1500ppm ARSENIC
- ▫ >1500ppm ARSENIC

093429

contour interval 40 metres

scale: 1:10,000
0 100 200 300 500
metres

Kennecott Canada Inc.
Vancouver

ANTIMONY MOUNTAIN
AM 1-120 CLAIMS
ARSENIC IN STREAM AND SOIL SAMPLES
YUKON, CANADA

NTS: 116B/8	Projection: UTM(NAD27)	Drawn by: HD
Date:21/12/95	Author: TH	Figure 12
File: SAMAS95SS-AS	Scale: 1:10,000	

N:\GROUPS\MAGS\DWG\YUK\VARIANT\SAMASSE Fri Dec 22 18:45:49 1995

HUD

BUZ

TIM

AM

WALKER

LEGEND

SOIL SAMPLES

- <2ppm BISMUTH
- 3–6ppm BISMUTH
- 7–10ppm BISMUTH
- >10ppm BISMUTH

STREAM SAMPLES

- <2ppm BISMUTH
- 3–4ppm BISMUTH
- 5–10ppm BISMUTH
- >10ppm BISMUTH

093422

contour interval 40 metres

scale: 1:10,000

0 100 200 300 500

metres

Kennecott Canada Inc.
Vancouver

ANTIMONY MOUNTAIN
AM 1-120 CLAIMS
BISMUTH IN STREAM AND SOIL SAMPLES
YUKON, CANADA

NTS: 116B/8	Projection: UTM(NAD27)	Drawn by: HO
Date: 21/12/95	Author: TH	Figure 13
File: SAMASSESS-BI	Scale: 1:10,000	

N:\GROUPS\VANCS\DWG\YUK\PROJ\AM115\SAMASSE Fri Dec 22 18:51:18 1995

HUD

BUZ

AM

TIM

WALKER

Lost Creek

Loki Creek

Camp Creek

Wobgt Creek

Skeam Gulch

Toby Creek

Jay Creek

Hawk Creek

Cody Creek

AM101 YB52833
AM102 YB52834
AM103 YB52835
AM104 YB52836
AM105 YB52837
AM106 YB52838
AM107 YB52839
AM108 YB52840
AM109 YB52841
AM110 YB52842
AM111 YB52843
AM112 YB52844
AM113 YB52845
AM114 YB52846
AM115 YB52847
AM116 YB52848
AM117 YB52849
AM118 YB52850
AM119 YB52851
AM120 YB52852
AM1 YB52734
AM2 YB52735
AM3 YB52736
AM4 YB52737
AM5 YB52738
AM6 YB52739
AM7 YB52740
AM8 YB52741
AM9 YB52742
AM10 YB52743
AM11 YB52744
AM12 YB52745
AM13 YB52746
AM14 YB52747
AM15 YB52748
AM16 YB52749
AM17 YB52750
AM18 YB52751
AM19 YB52752
AM20 YB52753
AM21 YB52754
AM22 YB52755
AM23 YB52756
AM24 YB52757
AM25 YB52758
AM26 YB52759
AM27 YB52760
AM28 YB52761
AM29 YB52762
AM30 YB52763
AM31 YB52764
AM32 YB52765
AM33 YB52766
AM34 YB52767
AM35 YB52768
AM36 YB52769
AM37 YB52770
AM38 YB52771
AM39 YB52772
AM40 YB52773
AM41 YB52774
AM42 YB52775
AM43 YB52776
AM44 YB52777
AM45 YB52778
AM46 YB52779
AM47 YB52780
AM48 YB52781
AM49 YB52782
AM50 YB52783
AM51 YB52784
AM52 YB52785
AM53 YB52786
AM54 YB52787
AM55 YB52788
AM56 YB52789
AM57 YB52790
AM58 YB52791
AM59 YB52792
AM60 YB52793
AM61 YB52794
AM62 YB52795
AM63 YB52796
AM64 YB52797
AM65 YB52798
AM66 YB52799
AM67 YB52800
AM68 YB52801
AM69 YB52802
AM70 YB52803
AM71 YB52804
AM72 YB52805
AM73 YB52806
AM74 YB52807
AM75 YB52808
AM76 YB52809
AM77 YB52810
AM78 YB52811
AM79 YB52812
AM80 YB52813
AM81 YB52814
AM82 YB52815
AM83 YB52816
AM84 YB52817
AM85 YB52818
AM86 YB52819
AM87 YB52820
AM88 YB52821
AM89 YB52822
AM90 YB52823
AM91 YB52824
AM92 YB52825
AM93 YB52826
AM94 YB52827
AM95 YB52828
AM96 YB52829
AM97 YB52830
AM98 YB52831
AM99 YB52832
AM100 YB52833

7 135,000m N
7 134,000m N
7 133,000m N
7 132,000m N
7 131,000m N
7 130,000m N
7 129,000m N
7 128,000m N

630,000m E
631,000m E
632,000m E
633,000m E
634,000m E
635,000m E
636,000m E
637,000m E
638,000m E
639,000m E

LEGEND

SOIL SAMPLES

. <1ppm COPPER
. 2–50ppm COPPER
▲ 51–200ppm COPPER
△ 201–500ppm COPPER
△ 501–1000ppm COPPER
△ >1000ppm COPPER

STREAM SAMPLES

. <1ppm COPPER
▪ 2–100ppm COPPER
▫ 101–200ppm COPPER
T 201–300ppm COPPER
T 301–400ppm COPPER
T >400ppm COPPER

093422

contour interval 40 metres

scale: 1:10,000
0 100 200 300 500
metres

DwG (11)

Kennecott Canada Inc.
Vancouver

ANTIMONY MOUNTAIN
AM 1-120 CLAIMS
COPPER IN STREAM AND SOIL SAMPLES
YUKON, CANADA

NTS: 116B/8	Projection: UTM(NAD27)	Drawn by: HD
Date: 21/12/95	Author: TH	Figure 14
File: SAMASSE /SS-CU	Scale: 1:10,000	

N:\GROUPS\YANGES\GMS\YUK\PROJ\ANT\SAMASSE Fri Dec 22 18:55:46 1995

HUD

BUZ

AM

TIM

WALKER

Lost Creek

Loki Creek

Skarn Gulch

Toby Creek

Tate Creek

Hawk Creek

Cody Creek

Camp Creek

Wobyt Creek

AM102 YB52834
AM104 YB52836
AM101 YB52833
AM106 YB52838
AM103 YB52835
AM82 YB52814
AM108 YB52840
AM105 YB52837
AM84 YB52816
AM81 YB52694
AM110 YB52842
AM107 YB52839
AM86 YB52818
AM83 YB52815
AM82 YB52794
AM112 YB52844
AM109 YB52841
AM88 YB52820
AM85 YB52817
AM64 YB52796
AM81 YB52893
AM114 YB52846
AM111 YB52843
AM90 YB52822
AM87 YB52819
AM66 YB52798
AM116 YB52848
AM92 YB52824
AM63 YB52795
AM113 YB52845
AM89 YB52821
AM68 YB52800
AM65 YB52797
AM118 YB52850
AM115 YB52847
AM94 YB52826
AM70 YB52802
AM67 YB52799
AM120 YB52852
AM91 YB52823
AM22 YB52755
AM117 YB52849
AM96 YB52828
AM93 YB52825
AM72 YB52804
AM69 YB52801
AM48 YB52781
AM24 YB52757
AM119 YB52851
AM98 YB52830
AM95 YB52827
AM74 YB52806
AM71 YB52803
AM50 YB52783
AM47 YB52780
AM26 YB52759
AM2 YB52754
AM100 YB52832
AM97 YB52829
AM76 YB52808
AM73 YB52805
AM52 YB52785
AM49 YB52782
AM28 YB52761
AM23 YB52756
AM2 YB52735
AM99 YB52831
AM78 YB52810
AM75 YB52807
AM54 YB52787
AM30 YB52763
AM25 YB52758
AM4 YB52737
AM1 YB52734
AM80 YB52812
AM77 YB52809
AM56 YB52789
AM51 YB52784
AM27 YB52760
AM6 YB52739
AM3 YB52736
AM53 YB52786
AM32 YB52765
AM29 YB52762
AM8 YB52741
AM5 YB52738
AM79 YB52811
AM55 YB52788
AM34 YB52767
AM31 YB52764
AM10 YB52743
AM7 YB52740
AM57 YB52790
AM36 YB52769
AM33 YB52766
AM12 YB52745
AM9 YB52742
AM60 YB52792
AM59 YB52791
AM58 YB52771
AM35 YB52768
AM14 YB52747
AM11 YB52744
AM40 YB52773
AM37 YB52770
AM16 YB52749
AM13 YB52746
AM39 YB52772
AM18 YB52751
AM15 YB52748
AM20 YB52753
AM17 YB52750
AM19 YB52752

7 138,000m N
7 137,000m N
7 136,000m N
7 135,000m N
7 134,000m N
7 133,000m N
7 132,000m N
7 131,000m N
7 130,000m N
7 129,000m N
7 128,000m N

630,000m E
631,000m E
632,000m E
633,000m E
634,000m E
635,000m E
636,000m E
637,000m E
638,000m E
639,000m E

N

LEGEND

SOIL SAMPLES

- . <10ppm URANIUM
- . 11–20ppm URANIUM
- △ 21–50ppm URANIUM
- △ 51–100ppm URANIUM
- △ >100ppm URANIUM

STREAM SAMPLES

- . <10ppm URANIUM
- . 11–20ppm URANIUM
- ⊡ 21–40ppm URANIUM
- T 41–60ppm URANIUM
- T >60ppm URANIUM

093422

contour interval 40 metres

scale: 1:10,000
0 100 200 300 400 500 metres

Dwg 12

Kennecott Canada Inc.
Vancouver

ANTIMONY MOUNTAIN
AM 1-120 CLAIMS
URANIUM IN STREAM AND SOIL SAMPLES
YUKON, CANADA

NTS: 116B/8	Projection: UTM(NAD27)	Drawn by: HO
Date:21/12/95	Author: TH	Figure 16
File: SAMASSE /SS-U	Scale: 1:10,000	

N:\GROUPS\YANGS\SWG\YUK\PROJ\ANT\SAMASSE Fri Dec 22 19:05:33 1995

093422

HUD

BUZ

AM

TIM

WALKER

Lost Creek

Loki Creek

Skarn Gulch

Toby Creek

Jade Creek

Cody Creek

Camp Creek

Wobyt Creek

Haruk Creek

AM101 YB52833
AM102 YB52834
AM103 YB52835
AM104 YB52836
AM105 YB52837
AM106 YB52838
AM107 YB52839
AM108 YB52840
AM109 YB52841
AM110 YB52842
AM111 YB52843
AM112 YB52844
AM113 YB52845
AM114 YB52846
AM115 YB52847
AM116 YB52848
AM117 YB52849
AM118 YB52850
AM119 YB52851
AM120 YB52852
AM1 YB52734
AM2 YB52735
AM3 YB52736
AM4 YB52737
AM5 YB52738
AM6 YB52739
AM7 YB52740
AM8 YB52741
AM9 YB52742
AM10 YB52743
AM11 YB52744
AM12 YB52745
AM13 YB52746
AM14 YB52747
AM15 YB52748
AM16 YB52749
AM17 YB52750
AM18 YB52751
AM19 YB52752
AM20 YB52753
AM21 YB52754
AM22 YB52755
AM23 YB52756
AM24 YB52757
AM25 YB52758
AM26 YB52759
AM27 YB52760
AM28 YB52761
AM29 YB52762
AM30 YB52763
AM31 YB52764
AM32 YB52765
AM33 YB52766
AM34 YB52767
AM35 YB52768
AM36 YB52769
AM37 YB52770
AM38 YB52771
AM39 YB52772
AM40 YB52773
AM41 YB52774
AM42 YB52775
AM43 YB52776
AM44 YB52777
AM45 YB52778
AM46 YB52779
AM47 YB52780
AM48 YB52781
AM49 YB52782
AM50 YB52783
AM51 YB52784
AM52 YB52785
AM53 YB52786
AM54 YB52787
AM55 YB52788
AM56 YB52789
AM57 YB52790
AM58 YB52791
AM59 YB52792
AM60 YB52793
AM61 YB52794
AM62 YB52795
AM63 YB52796
AM64 YB52797
AM65 YB52798
AM66 YB52799
AM67 YB52800
AM68 YB52801
AM69 YB52802
AM70 YB52803
AM71 YB52804
AM72 YB52805
AM73 YB52806
AM74 YB52807
AM75 YB52808
AM76 YB52809
AM77 YB52810
AM78 YB52811
AM79 YB52812
AM80 YB52813
AM81 YB52814
AM82 YB52815
AM83 YB52816
AM84 YB52817
AM85 YB52818
AM86 YB52819
AM87 YB52820
AM88 YB52821
AM89 YB52822
AM90 YB52823
AM91 YB52824
AM92 YB52825
AM93 YB52826
AM94 YB52827
AM95 YB52828
AM96 YB52829
AM97 YB52830
AM98 YB52831
AM99 YB52832
AM100 YB52833

7 138,000m N
7 137,000m N
7 136,000m N
7 135,000m N
7 134,000m N
7 133,000m N
7 132,000m N
7 131,000m N
7 130,000m N
7 129,000m N
7 128,000m N

630,000m E
631,000m E
632,000m E
633,000m E
634,000m E
635,000m E
636,000m E
637,000m E
638,000m E
639,000m E

LEGEND

SOIL SAMPLES

- <2ppm ANTIMONY
- 3–5ppm ANTIMONY
- 6–10ppm ANTIMONY
- 11–20ppm ANTIMONY
- 21–30ppm ANTIMONY
- >30ppm ANTIMONY

contour interval 40 metres

scale: 1:10,000
0 100 200 300 400 500 metres

DWG 13

093422

Kennecott Canada Inc.
Vancouver

ANTIMONY MOUNTAIN
AM 1-120 CLAIMS
ANTIMONY IN SOIL SAMPLES
YUKON, CANADA

NTS: 116B/8	Projection: UTM(NAD27)	Drawn by: HO
Date:21/12/95	Author: TH	Figure 15
File: SAMASSE/SOIL-SB	Scale: 1:10,000	

N:\GROUPS\YAMCS\DWG\WORK\PORTANT\SAMASSE Fri Dec 22 19:00:47 1995