093990

ASSESSMENT REPORT

ON THE

PIKE CLAIMS

(Pike 1-6 YB183-88; Pike 7-20 YB87488-501; Pike 21-24 YB87763-66;
Pike 25-76 YB87502-53; Pike 77-111 YB87767-85; Pike 112-126 YB87788-803;
Pike 127-129 YB88801-03)

Traffic Mountain Area

NTS 105 J-2
Lat. 62 11'N, Long 130 42'W
Watson Lake Mining District

For: Peter Risby &
the Gullen/Risby Family Trust
RR#3, S33, C21
Penticton, B.C.
V2A 7K8

By: Mike Papageorge, P. Geol.,
Homestake Canada Incorporated
September 25, 1998

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This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 2500.00.

M.B.

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

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SUMMARY

This report prepared as an assessment report for Newrise Resources summarizes exploration work undertaken on the PIKE property in 1996-1997 by Mr. P. Risby, Teck Exploration Ltd., Viceroy International Exploration and Hastings Management Corp. The report also reviews previous assessment reports and recommends an exploration program to further evaluate the prospect. The PIKE consists of 123 claims (2,694 hectares) located on the Pelly River flats, 95 kilometers east of the town of Ross River and 50 kilometers north of the Robert Campbell Highway in the east-central Yukon Territory. Access is by helicopter from Ross River, the Robert Campbell Highway or from the North Canol Road. A winter trail connects the property to the Campbell Highway. Charter aircraft and supplies are available from Ross River or alternately Whitehorse, 360 kilometers southwest of the property.

The PIKE showings are located just north of two small lakes on several gently sloping ridges in an area of low relief. The lake and creek valleys are swampy but the ridges feature a few outcrops and fairly shallow overburden. Vegetation consists of swamp hummocks and black spruce forest with patches of poplar. The property is within the Selwyn Basin geological region, a thick sequence of Proterozoic and Paleozoic sedimentary rocks situated on the western edge of the North American craton. The Tintina Fault, the contact between the craton and accreted rocks is located southwest of the property marking the transition from the Selwyn Basin to the Yukon Tanana and Slide Mountain terranes. The Yukon Tanana is being explored for massive sulphide deposits formed in Paleozoic and Mesozoic sedimentary and metavolcanic rocks. The Selwyn Basin hosts sedex and replacement style deposits. The PIKE property features metasedimentary units, mainly quartzites, argillites, cherts and limestone of Haydrinian age intruded by granitic rocks of Cretaceous or younger age. Fractures and shears in a silicified and sericitised granodiorite sill host, veinlets and disseminated, arsenopyrite and pyrite, with less chalcopyrite, sphalerite, tetrahedrite and minor galena.

The PIKE claims were staked by prospector P. Risby on an old prospect originally discovered in the 1960's by Atlas Exploration Corp. The prospect was explored by Atlas Exploration from 1966-1974, followed by Cima resources from 1974-1981 and Noranda Exploration Co. in 1989. Initially, Atlas flew an airborne geophysical survey over the region, followed by staking of anomalies and surface exploration. The Pike block was subject to a soil geochemical survey, electromagnetic, magnetic and IP geophysical surveys, followed by trenching and a small amount of drilling. Two areas of mineralization known as the Pike (No 1) and Poke (No 2) showings were uncovered associated with strong northwest trending faults and cross-cutting northeasterly trending shears. The two showings were outlined along a geophysical and geochemical anomalous zone over a 3.0 km strike length.

The Pike showing is exposed in a series of cat trenches as a 15-25 meter wide arsenopyrite bearing altered and fractured granitic rock that averages 0.61% copper and 85.6 gpt (2.5 opt) silver. The Poke showing located about 1,200 meters away is also exposed in cat trenches as a quartz vein stockwork and fracture zone in granitic rock. Sphalerite and galena veinlets are patchy. The prospect was described as a porphyry copper occurrence by Noranda and others however P. Van Angeren (1997) suggested that it may be epithermal in origin associated with Tombstone Suite Intrusions. The Brewery Creek and Dublin Gulch deposits are gold rich examples of this type of mineralization.

In 1996-1997, 92 rock and 68 soil samples were taken during the property work. Most of the rock samples were taken from existing trenches and two soil sample lines were run west of the Pike showing. Results are consistent with those obtained by previous operators for silver, copper, lead and zinc. Gold values are generally low to background but a few significant results were found. The Pike zone samples ran up to 367 gpt silver and 3.58% copper while samples from the Poke zone assayed up to 606.8 gpt silver and 0.9% copper. Viceroy collected soil samples at 50 m intervals searching for a potential gold enriched section of the mineralized zones however the samples contained background gold values.

Surface exploration at the PIKE property has outlined a 3.0 km long target for finding silver rich sulphide mineralization in altered intrusive rocks. The mineralization may be structurally controlled associated with Tombstone Suite Intrusions.

There is good potential for finding further precious metal mineralization and copper bearing zones at the PIKE. Soil geochemistry followed by trenching or drilling of anomalies effectively outlines the mineralization. An exploration program of diamond drilling, grid development, mapping and geophysics at a proposed budget of $165,000 is recommended for the PIKE property. A re-evaluation of the prospect should include preparation of a computerized database of the existing assessment data followed by interpretation of the geophysical and geochemical anomalies. Modern IP or electromagnetic surveys are recommended over the anomalies to facilitate selection of drill sites.

INTRODUCTION

The PIKE property consists of 123 claims located in the east-central Yukon Territory near Traffic Mountain and the Pelly River in the Logan Mountains and the Watson Lake Mining District. The claims cover low lying swampy topography and rolling hills north of the Pelly River. The showings and cat trenches are located on slightly higher ground just north of two small lakes. This report is prepared to describe assessment work completed from 1996-1997 by prospector Peter Risby and property evaluations by exploration crews from Hastings Management (September 3-4, 1996), Viceroy International (July 21-22, 1997), Teck Exploration (June 25-27, 1997) and Homestake Canada (August 23, 1998). This report reviews data provided by P. Risby and is based on a geological evaluation report by P. Van Angeren, P. Geol., dated July 21, 1996, and Graham Davidson, February 10, 1998. This report is prepared on behalf of P. Risby and the Gullen/Risby Family Trust.

LOCATION AND ACCESS

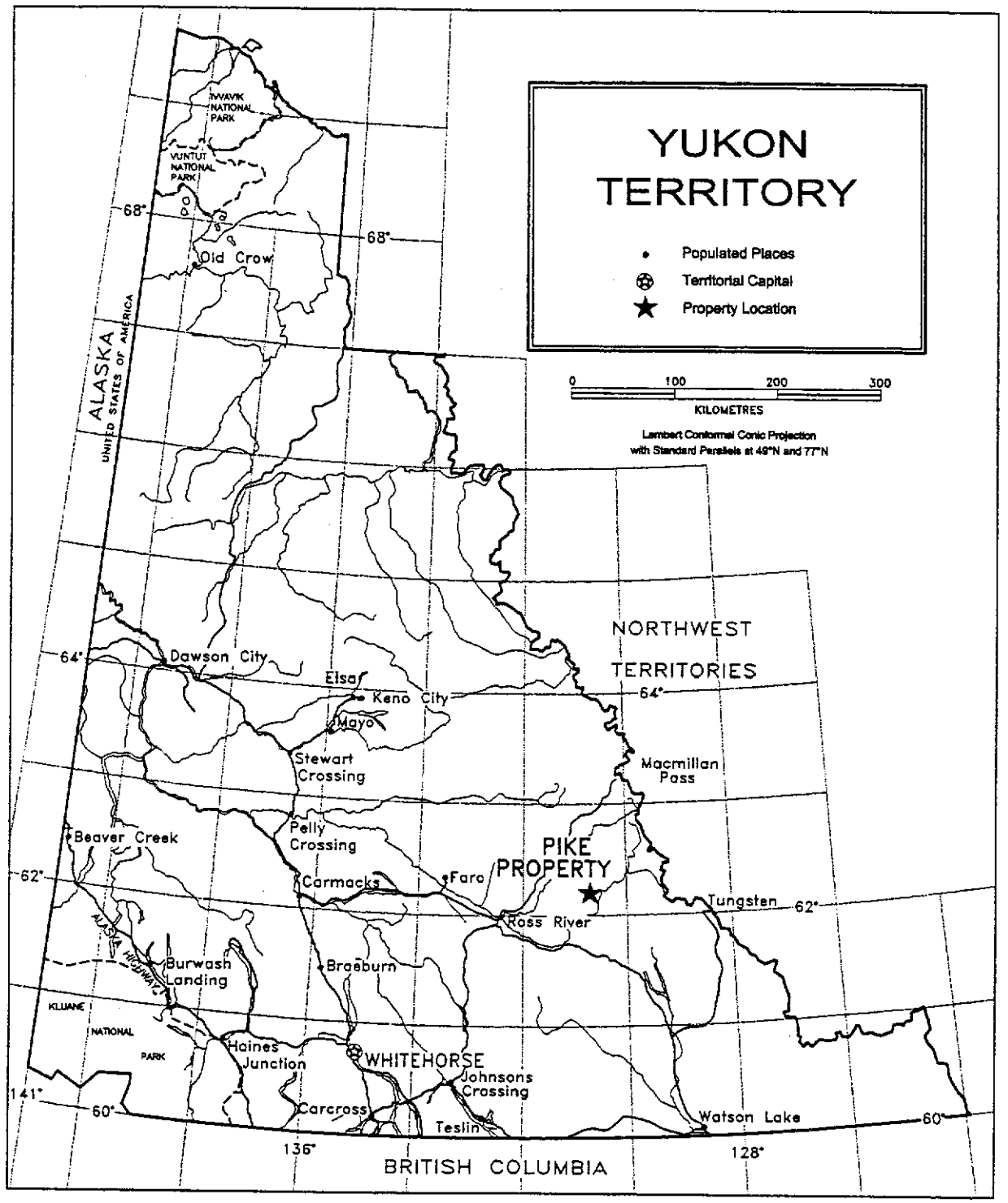
The PIKE property is located 95 kilometres east of the town of Ross River and 53 kilometres north of the Robert Campbell Highway on NTS Map Sheet 105 J-2 at geographical co-ordinates 62 08"N and 130 40'W. The PIKE property is accessed by helicopter from Ross River or float plane to Pike Lake. A winter road connects the property to the Robert Campbell Highway a distance of 75 kilometres. At present, there is no camp on the claims but previous operators used a site on Pike Lake. Figures 1 and 2 show the property location. Logistically, Whitehorse, Ross River and Watson Lake provide supplies, accommodations, aircraft charter and government services for the district and there is a government maintained airstrip near Finlayson Lake.

PHYSIOGRAPHY

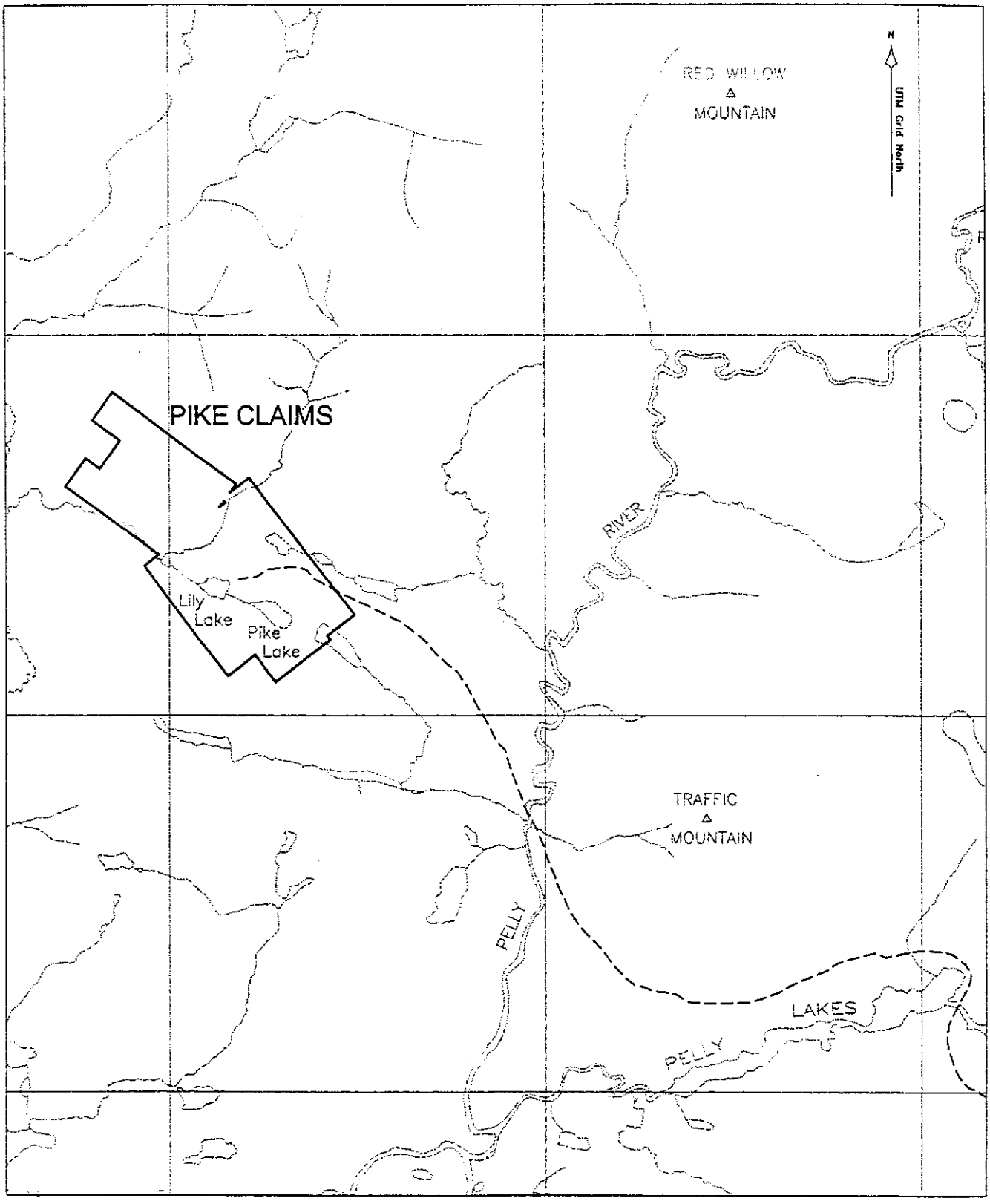
The PIKE property covers low lying swampy ground surrounding several small lakes and rolling hills that reach a peak elevation of 1,060 meters. The topography has a northwest-southeast trend defined by heavily forested hills and elongated swamps and lakes. Outcrop is very limited and the main exposures are in the cat trenches. The effects of glaciation are evident as eskers and moraines. Most of the region was covered by an ice sheet during the Pleistocene, which moved westerly.

Vegetation consists of black spruce forest with buck brush ground cover and small thickets of poplar and alder brush. Low-lying boggy areas feature swamp hummocks and standing pools of water.

The district has a northern interior climate marked by long cold winters and moderate annual precipitation. Exploration on the property can be performed from May until October.



NEWRISE RESOURCES		
PIKE PROPERTY Location Map		
Graham Davidson, Consulting Geoogist		
SCALE: 1 : 6,000,000	FILE: 245L_1	DATE: 98.02.14
NTS: 105 J/2	DRAWN:	FIGURE 1



LEGEND

stream, creek, lake

trail

claim group boundary

0 2500 5000 7500

METRES

NEWRISE RESOURCES

PIKE PROPERTY
Regional Plan

Graham Davidson, Consulting Geologist

SCALE: 1 : 150,000	FILE: 245_2	DATE: 98.02.14
NTS: 105 J/2	DRAWN:	FIGURE 2

PROPERTY

The PIKE property consists of 123 contiguous mineral claims, as shown in Figure 3 and listed in Table 1.

TABLE 1

CLAIM DATA

CLAIM NAME	RECORD NUMBER	EXPIRY DATE* (Applied For)
PIKE 1-6	YB87183-88	OCT. 31, 1998*
PIKE 7-20	YB87488-501	OCT. 31, 1998*
PIKE 21-24	YB87753-56	OCT. 31, 1998*
PIKE 25-76	YB87502-53	OCT. 31, 1998*
PIKE 77-92	YB87757-72	OCT. 31, 1998*
PIKE 95-106	YB87773-84	OCT. 31, 1998*
PIKE 111-129	YB87785-803	OCT. 31, 1998*

The PIKE claims were staked from August to October, 1996 and recorded in the office of the district mining recorder in Watson Lake.

ENVIRONMENT

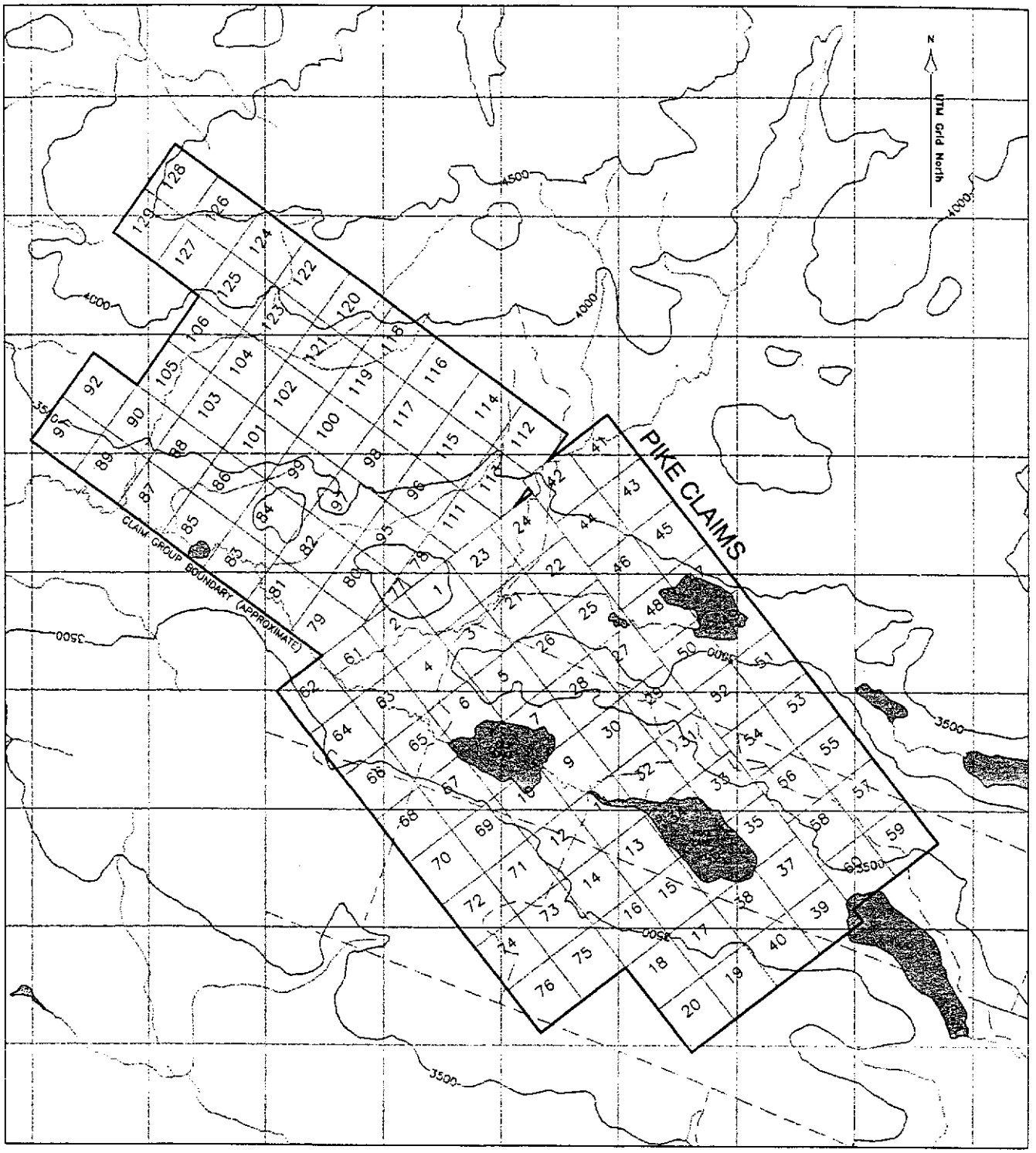
No special environmental concerns are known for this area. The Department of Indian and Northern Affairs is implementing land use regulations (March 1998?) in the Yukon Quartz Mining Act. Under these regulations, approval of a land use permit may be required prior to commencing exploration on a claim group. It is recommended that a Land Use Applications for larger work programs be submitted at least 90 days prior to mobilization.

REGIONAL GEOLOGY

The rocks underlying Pike Lake district are mainly metasedimentary and include argillites, phyllites, limestones, cherts, slates, schists and quartzites of the Proterozoic to Lower Cambrian Hyland Group of the Selwyn Basin. Conformable lenses and sills of greenstone, probably Triassic in age, occur in profusion in places in the metasediments and a few narrow lamprophyre and quartz-porphyry sills, probably Jurassic or younger, are present locally. Granitic porphyry bodies of Cretaceous or younger age intrude the sediments and metasediments in the PIKE local. Copper-molybdenum porphyry style mineralization occurs within the intrusives and characteristic skarn zones are developed in calcareous metasedimentary rocks. In the late Mesozoic extensive thrust faulting accompanied the emplacement of Carboniferous and Permian dark green aphanitic basalt, dunite, peroxinite, peridotite, serpentinized equivalents and quartz carbonate rock.

The claims lie north of the Tintina Fault, a large transcurrent Late Cretaceous to Tertiary fault system that caused at least 450 km of displacement. During the Eocene volcanism and sedimentation deposited sequences of basalt, rhyolite, felsic tuff and conglomerate in the Tintina depression. Late Tertiary uplift and faulting preserved Eocene volcanoclastic rocks in structurally complex grabens. Epithermal style gold and silver mineralization occurs at fault intersections in these grabens. Strong northwesterly trending fault zones in the Traffic Mountain area may be coeval to the Tintina system.

South of the Selwyn Basin the Yukon Tanana terrane is the focus of exploration for volcanogenic massive sulphide deposits. The increase in general interest in the region has led to a re-evaluation of prospects in the Selwyn Basin in particular mineralization occurring in association with Cretaceous intrusions and volcanic rocks. The Pike Lake region is underlain by a thick succession of gritty quartzites, cherts, slates and limestones intruded by granitic bodies. The Traffic Mountain Fault zone bisects the area as a northwest-southeast trending feature. Tertiary andesite and basalt flows occur along the fault zone and in the Pelly River valley. Metasedimentary units at Pike Lake strike 100-120° and dip 55-75° northeast. The most recent geological map of the district was compiled by Templeman-Kluit as Map 12-1961. Figure 4 shows the area geology and the Table of Formations is presented in Table III.



0 500 1000 1500

METRES

LEGEND

- elevation contour interval, (500 feet) — 3500
- stream, creek, lake
- trail
- claim line
- claim group boundary

NEWRISE RESOURCES

PIKE PROPERTY
Claim Plan

Graham Davidson, Consulting Geologist

SCALE: 1 : 50,000	FILE: 245_3	DATE: 98.02.14
NTS: 105 J/2	DRAWN:	FIGURE 3

HISTORY

The Ross River area was first explored by Robert Campbell of the Hudson's Bay Company who descended the Pelly River in 1840. A trading post was established by the HBC at Francis Lake in the 1850's. Prospectors entered the country via the Liard River system around 1880 looking for placer gold deposits. Minor amounts were found along bars in the Finlayson River. Lode prospecting began in the 1950's and intensified in the 1960's with the discovery of the Anvil Pb-Zn deposit at Faro. Most of the mineral occurrences in the district were found at this time. Several staking rushes in the Ross River, Finlayson and Pelly River areas targeted massive sulfide mineralization in volcanogenic and replacement style deposits. A few narrow zones of sulfide mineralization were discovered on claims around Wolverine Lake and at the Pelly Banks. In the 1980's the potential for gold mineralization along the Tintina Fault sparked a staking rush and the Ketza River (Canamax) and Grew Creek deposits were outlined.

In the Yukon-Tanana terrane, Cominco discovered massive sulfide float near the North Lakes in 1993. Follow-up geochemistry and geophysics identified a promising anomaly that was drilled in 1994 and 1995 delineating the Kutz ze Kayah massive sulfide deposit. Cominco has staked about 10,000 claims in the district since the discovery of the mineralization. Westmin Resources Ltd. entered the picture by optioning Atna Resources Ltd. properties around Wolverine Lake in Jan., 1995. Westmin announced a volcanogenic massive sulfide discovery at the south end of Wolverine Lake in the summer of 1995. Mineralization has also been found on the Ice property of Expatriate Resources, the Fire Lake deposit of Columbia Gold, the Wolf property of Atna/YGC and the Money claims of Atna.

The dramatic increase in the level of exploration around Ross River has led to a re-evaluation of many mineral occurrences including those associated with Cretaceous intrusives in the Selwyn Basin.

The PIKE property was originally staked in 1966 by Atlas Explorations Ltd. after an airborne geophysical survey over the region. Copper-silver mineralization was originally found by Al Kulan near Pike Lake prior to the survey. Ground geophysical and geochemical surveys were followed by bulldozer trenching and limited diamond drilling. Two mineralized zones were identified: 1) the Pike zone averaging 0.61% copper and 83.56 gpt (2.44 opt) silver over a 15 x 200 m area; 2) the Poke zone, a strong Ag-As-Cu-Pb-Zn geochemical anomaly.

In 1966-1967 Atlas excavated 16 bulldozer trenches on the Pike and Poke zones totaling about 21,000 cubic meters of material moved. Detailed chip sampling of the trenches identified the following results:

TABLE II
1966-1967 TRENCH SAMPLE VALUES

TRENCH NO.	INTERVAL	LENGTH	AVERAGE CU (%)	AVERAGE AG(opt)
Pike Zone				
T-43	45-90 Ft.	45 Ft	0.57	1.44
T-43A	20-58 Ft	38 Ft	0.69	1.50
T-44	5-55 Ft	50 Ft	0.40	0.93
T-45	25-45 Ft	20 Ft	0.45	1.20
T-48	0-135 Ft	135 Ft	0.36	2.58
	10-80 Ft	70 Ft	0.44	3.86
T-50	0-120 Ft	120 Ft	0.29	1.59
	25-60 Ft	35 Ft	0.61	2.48
Poke Zone				
T-TR Leg	0-25 Ft	25 Ft	1.48	2.91
T-TR	25-88 Ft	63 Ft	1.21	2.20
T-24E	170-225 Ft	35 Ft	Tr	4.33

One packsack drill hole (24m) was completed by Atlas in 1966.

Title to the property passed to Cima Resources Limited in the 1970's. Cima completed three diamond drill holes totaling 280.1 m in 1981. The holes intersected metasedimentary units and the porphyritic granitic sill. A band of mineralization in fractured granite porphyry at the footwall contact of trench T-48 produced the best drill result of 1.06% copper, 113 gpt (3.3 opt) silver, 0.39% lead, 0.80% zinc and 0.3 gpt gold over 5.0 m. The property was allowed to lapse in the mid 1980's.

Noranda Exploration restaked the prospect in 1989 and completed a new soil geochemical survey over the Pike and Poke zones. Similar results to those obtained by Atlas were found, but weak gold values in rock samples resulted in Noranda allowing the claims to lapse.

TABLE III - TABLE OF FORMATIONS

(adapted from Templeman-Kluit, 1977)

Quaternary

Q (15)-Undifferentiated, unconsolidated gravels, sands and clays

Tertiary

Qtvb (14)-Basalt

Tscg-Sandstone, conglomerate, shale

Tgfp-Quartz-feldspar porphyritic rhyolite

Tv (14)-Volcanic flows and tuffs

Cretaceous

Kg (13)-Buff to grey dykes, sills and small plugs of aplite and biotite granite; locally quartz, feldspar and/or biotite phyric; minor arsenopyrite

Triassic

Trd-Fine to medium-grained greenstone (meta-diorite, meta-gabbro)

Carboniferous & Permian

CPav-Anvil Allocthan, amphibolite, greenstone, basalt, gabbro

CPas-Serpentinite

Upper Devonian and Lower Mississippian

(5)-Chert pebble conglomerate, black and grey chert, shale, quartzite, slate and sandstone

Ordovician and Silurian

(3)-Cherts, shales, quartzite, limestone, phyllite

Proterozoic-Lower Cambrian

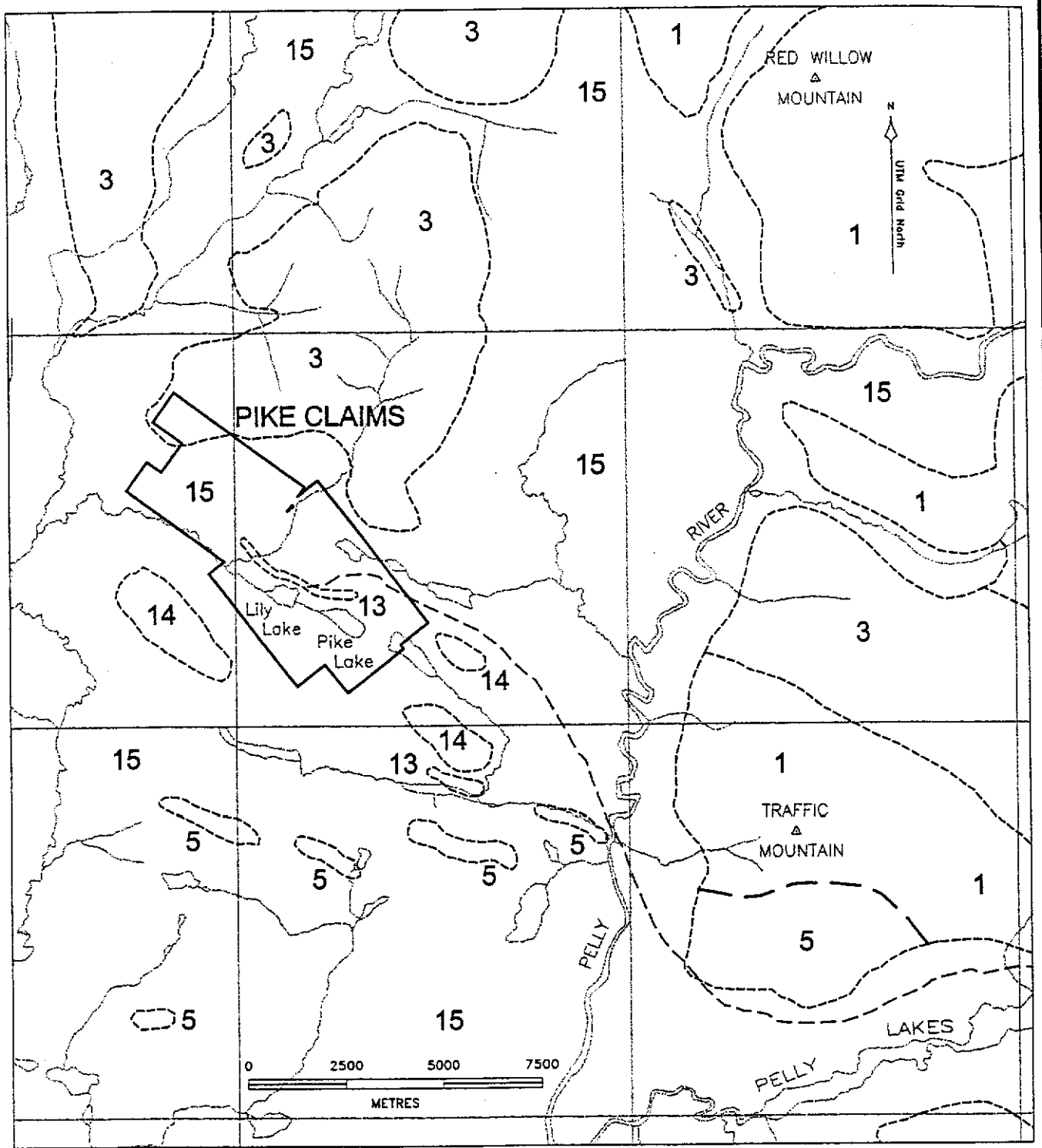
PPK-Klondike schist

Hyland Group-(1a)-Quartzite-pale grey to white-weathering with minor interbedded phyllite

(1b)-Phyllite and chert-thinley laminated black to grey sediments

(1c)-Marble, limestone-light grey to white, hematite and limonite staining

(1d)-Calc-silicate rock, diopside skarn and hornfels-black rusty weathering horizons, banded to disseminated pyrrhotite



LEGEND & SYMBOLS

15 — QUATERNARY
Unconsolidated alluvial and glacial deposits

14 — TERTIARY
Grey and dark grey andesite, dacite and basalt

13 — TERTIARY
Granodiorite quartz and feldspar porphyry, probably plutonic equivalent of 14

5 — UPPER DEVONIAN AND LOWER (?) MISSISSIPPIAN
Chert-pebble conglomerate; black & grey chert, shale, quartzite; black slate, shale, sandstone, phyllite; minor conglomerate

3 — ORDOVICIAN AND SILURIAN
Black and varicoloured cherts, shales; minor chert-pebble conglomerate, quartzite, limestone, phyllite; massive chert-pebble conglomerate

1 — PROTEROZOIC
Shale, slate, phyllite, quartzite; minor andesite quartz-pebble quartzite, grey quartzite, dark slate

Geological contact (assumed)

Fault (assumed)

Stream, creek, lake

4-wheel drive trail

Claim group boundary

NEWRISE RESOURCES

PIKE PROPERTY
Regional Geology

Graham Davidson, Consulting Geologist

SCALE: 1 : 150,000	FILE: 245_4	DATE: 98.02.14
NTS: 105 J/2	DRAWN:	FIGURE 4

RECENT EXPLORATION

The PIKE was examined by crews from Hastings Management Corp. (Sept. 3-5, 1996), Viceroy International Exploration (July 21-22, 1997) and Teck Mining Corp. (June 25 & 27, 1997) during property evaluations. In addition P. Risby and M. Barker prospected several claims, sampled trenches and examined old drill core on July 11 and August 1, 1997. Collectively 68 soil, 92 rock and 1 silt samples were collected. Sample locations and results are shown on Figure 5, and Certificates of Analysis are presented in Appendix II. Assessment data was replotted and compiled as Figures 6-8 in Appendix I.

The following personnel worked on the Pike claims:

Sept. 3-5, 1996; P. Risby (prospector)
M. Barker (prospector)
P. Van Angeren, P. Geol.

June 25 & 27, 1997;J. Poulter (senior geologist)
L. Grexton (geologist)
P. Risby (prospector)

July 21-22, 1997; C. Shulze (senior geologist)
G. Macintosh (geologist)
P. Risby (prospector)

July 11 & August 1, 1997; P. Risby (prospector)
M. Barker (prospector)

PROPERTY GEOLOGY AND MINERALIZATION

The rocks exposed on the PIKE claims are Hyland Group metasediments of the Selwyn Basin overlain and intruded by volcanic flows and dykes of undetermined age, in turn intruded by Cretaceous or younger granite. Graphitic to calcareous phyllite, chert, calc-silicate rock, marble, limestone and quartzite underlie most of the claim area. Small cliffs of quartzite along the creek gullies are highly fractured with hematite and pyrrhotite in the fractures. The units generally strike 100-120^0 and dip 45-65^0 northeast. Biotite granite consists of medium-grained to porphyritic varieties outcropping on the eastern side of the claim block. A large granitic body may underlie the area and is exposed at the PIKE as a east-west trending unit, 15-150 meters wide and 3.0 kilometers long. Structurally, the sedimentary units are folded and fractured by uplift, normal faults and thrust faulting. Granitic rocks may have been emplaced by movement on thrust and/or normal faults. Figure 5 shows the property geology.

The following units were identified;

- Volcanic flows (14): andesitic to basaltic flows unconformably overlie the older units.

- Granite (13): fine to medium-grained to porphyritic body of biotite plagioclase granite, exposed in bulldozer trenches, fault bounded sill.

- Shale, sandstone and chert pebble conglomerate(5c):

- Chert and Shale (3): grey or black silicified, gossan zones around the granitic sills.

- Quartzite (1a): typically bedded light grey and white, glassy, fine to medium grained quartzite, locally gritty and recrystallized, contains sericite, minor pyrite and pyrrhotite on fracture faces.

- Phyllite and chert (1b): fine grained light to dark gray siliceous calcareous bedded sediments with disseminated to patchy pyrite and pyrrhotite, graphitic fracture faces, locally brecciated with minor white quartz and carbonate veining, weak to heavy limonite staining. Intersected by drilling in the footwall of the sill.

- Limestone and marble (1c): bedded grey-white, locally silicified containing minor cubic pyrite. Some diopside-magnetite-sulfide skarn development in limy units. Also, intersected in drill holes.

- Calc-silicate rock (1d): black fine-grained metasediment with banded and disseminated pyrrhotite, rusty red weathering, forms gossans in creek gullies.

Paleozoic graphitic argillites, shales and lesser limestone are folded and cut by NW trending faults parallel to the Traffic Mountain fault zone. The granitic sill, 10-40 meters wide at the Pike Zone has been traced over a 250 meter strike length. At the Poke zone the sill is up to 150 meters wide has been traced for over 3.0 kilometers. The sills are closely associated with the SE trending Traffic Mountain fault zone and are reported to dip to the SW.

The Pike zone was uncovered in a series of trenches in 1967 with the best mineralization found along the northern footwall contact. Mineralization is confined to the sill in an area of strong silicification and sericitization featuring NE trending shears and veins of sulfides. The entire 40 meter wide sill at the Pike zone is fractured with phyllic alteration containing disseminated pyrite and arsenopyrite with lesser chalcopyrite, sphalerite, tetrahedrite and trace galena. Samples collected from the trenches in 1967 outlined a mineralized zone averaging 82 gpt silver and 0.61% copper. Significant lead and zinc values were also present but were more variable than copper.

The Poke Zone was a more extensive but patchy minalized zone that contained strong lead-zinc and silver values. Silicification and pyritization are concentrated with 10-15 meters of the contacts of the granitic sill.

Samples collected in 1996-1997 produced similar results to those obtained by Atlas and Noranda. Selected sample results and descriptions for the recent samples are listed in Table IV below:

TABLE IV

SELECTED SAMPLE VALUES

Sample Number	Width M	AU PPM	AG PPM	CU PPM	AS PPM	PB PPM	ZN PPM
231432*	1.0	240	105	10170	1.3 %	1160	2860
231441*	GRAB	170	75	8940	21.5 %	900	1340
515472**	GRAB	865	34.0	2400	10000	266	220
517932**	GRAB	20	86.6	1.8 %	84	36	970
517933**	1.0	5	15.6	200	352	950	1.13 %
517934**	1.5	50	114	2590	10000	6790	878
517935**	GRAB	705	34.8	633	10000	726	260
517936**	GRAB	140	205	2320	10000	2.17 %	1.64 %
517941**	GRAB	10	92	776	1925	2.44 %	1.81%
37401***		1290	60.6	5777	17.8 %	2182	1261
37410***		145	63.2	1.51 %	6.1 %	206	1172
37482***		225	118.4	901	8.36 %	1.18 %	1201
37485***		10	606.8	2279	5165	9.63 %	3.94 %
01324****	ROCK	52	135.8g/mt	3418	1.6 %	3421	6632
01325****	ROCK	286	1030.9g/mt	4.2 %	15 %	19440	4.3 %
01326****	ROCK	197	18	392	19 %	6358	10272
01327****	ROCK	180	46.0	5381	13 %	1843	960
01328****	ROCK	232	59.1	3682	8.6 %	1342	1058
19705****	ROCK	766	41.1	4618	13 %	824	853
19706****	ROCK	2	25.5	1323	814	1666	806
19707****	ROCK	950	11.4	627	29 %	3027	323
19708****	ROCK	56	13.2	414	5.5 %	687	380
19709****	ROCK	2	4.2	30	761	257	25

Samples taken by Hastings Man.(*), Viceroy (**), Teck (***), Homestake (****)

GEOCHEMICAL AND GEOPHYSICAL SURVEYS 1966-1967 & 1989

Assessment reports were reviewed in the preparation of this report and the Noranda geochemical data and Atlas geophysical data were reinterpreted to produce compilation maps, Figures 6-8 contained in Appendix I. The contour geochemical plots show the strong east-west anomalous trend overlying the intrusive rocks over a 3.0 km length. The stronger IP, electromagnetic and magnetometer responses are plotted on Figure 8. The geophysical anomalies are patchy but moderately coincidental with the intrusive unit and the strong east-west faults transecting the PIKE property.

DISCUSSION AND RECOMMENDATIONS

Newrise holds a promising prospect and there is good potential for discovering additional copper-silver mineralization on the PIKE property. Geochemical and geophysical surveys are the most effective methods of locating mineralization and drill targets. Two main zones have been delineated by past geochemistry and bulldozer trenching. To date, numerous rock and chip samples of the mineralization have produced non-economic copper, lead, zinc and silver grades. However, the extent of the anomalies and the possibility of structurally controlled epithermal style mineralization suggest a favorable setting for further exploration.

Prior to diamond drilling, the assessment data should be compiled in a computerized database followed by IP and/or max-min surveys over the anomalous zones. The existing target areas are mineralized zones along the footwall contact of the sill at the Pike and Poke zones.

Two main target areas are identified on the property.

1) Pike zone (Anomaly A): Outlined by a multi-element geochemical anomaly, sinuous and patchy magnetic highs, moderate EM conductor and sulphide mineralization exposed in eight bulldozer trenches and intersected in one drill hole.

2) Poke zone (Anomalies B & C): Outlined by a strong multi-element geochemical anomaly, a broad magnetic low and several moderate strength EM responses over a 3.0 km length. Two drill holes and five bulldozer trenches expose disseminated sulfides along narrow NE trending fractures and shears in this zone.

The following exploration program is recommended.

CERTIFICATE

I, MIKE PAPAGEORGE, of the City of Vancouver in British Columbia, HEREBY CERTIFY:

1. That I am a geologist working on behalf of Homestake Canada and that I reviewed data provided by Hastings Management Corp., Viceroy International Exploration, Teck Exploration Ltd., Graham Davidson, during the preparation of this report.

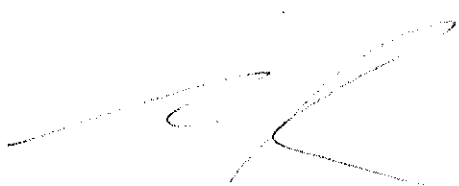
2. That I am a graduate of the University of British Columbia (BSc., Geology)

3. That I am registered as a Professional Geologist of British Columbia.

4. That I have been engaged in mineral exploration for 7 years in British Columbia and the Yukon.

SIGNED at Vancouver, British Columbia, this 25th day of September, 1998.

Mike Papageorge
Geologist



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Templeman-Kluit D., 1975, Map12-1961

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Voepel I., 1981; Diamond Drill Logs for Cima Resources Ltd.

Yukon Minfile, DIAND, 1997

STATEMENT OF COSTS

The following work was complete by Mike Papageorge, Geologist, on behalf of **Homestake Canada Incorporated**, 1100 - 1055 West Georgia St., Vancouver, British Columbia V6E 3P3 on August 23, 1998.

3 man days @ 265/day	$ 795.00
2.4 hours helicopter @ 640/hr (including fuel and GST totals $1848.74)	$1536.00
10 Rock samples @20/sample	$ 200.00
Total	$2534.00

APPENDIX I-FIGURES 6-9

231431	TR48	1.0 m	0.07	19	760	1.3
231432	TR48	1.0 m	0.24	105	10170	5.7
231433	TR48	1.0 m	N/A	43	1220	7.8
231434	TR48	1.0 m	0.07	98	2770	2.5
231435	TR48	1.0 m	0.07	27	3050	0.3
231436	TR48	1.0 m	0.07	71	1720	1.4
231437	TR48	1.0 m	0.07	10	670	0.1
231438	TR45	1.0 m	N/A	96	1140	8.6
231439	TR43A	1.0 m	0.07	16	1000	1.5
231440	TR44	1.0 m	0.07	94	6830	1.7
231441	TR4E	grab	0.17	75	8940	21.5
231442	TR4E	1.0 m	0.07	2	150	0.0
231443	TR24E	1.0 m	0.07	19	120	0.1
231444	TR24E	1.0 m	0.07	5	60	0.1
231445	TR10	1.0 m	N/A	45	3700	12.1

↑ HASTINGS MGMT. RESULTS ↑

P. RISBY RESULTS

Sample Number	Au oz/t	Ag g/t
21501	0.078	1.2
21502	0.001	<1.0
21503	0.008	19.1
21504	0.005	8.6
21505	0.002	7.3
21506	0.004	2.3
21507	0.004	<1.0
21508	0.007	2.3
21509	0.001	6.3
21510	0.004	12.7
21511	0.003	1.8
21512	0.002	<1.0
21513	<0.001	<1.0
21514	0.014	<1.0
21515	0.006	<1.0
21516	0.001	<1.0

Sample Number	Au ppb	Ag ppm	Cu %	Pb %	Zn %
97-1	7	5.3	0.016	0.38	1.210
97-2	37	79.9	0.047	1.85	0.375
97-3	79	<1.0	0.133	0.003	0.003
97-4	6	<1.0	0.136	0.004	0.002
97-5	181	<1.0	0.146	0.003	0.002
97-6	37	<1.0	0.079	0.002	0.003
97-7	126	<1.0	0.136	0.002	0.002
97-8	<5	<1.0	0.002	0.001	0.002

LEGEND & SYMBOLS

15 QUATERNARY
Unconsolidated alluvial and glacial deposits

14 TERTIARY
Grey and dark grey andesite, dacite and basalt

13 TERTIARY
Granodiorite quartz and feldspar porphyry, probably plutonic equivalent of 14

5 UPPER DEVONIAN AND LOWER (?) MISSISSIPPIAN
Chert-pebble conglomerate; black & grey chert, shale, quartzite; black slate, shale, sandstone, phyllite; minor conglomerate

3 ORDOVICIAN AND SILURIAN
Black and varicoloured cherts, shales; minor chert-pebble conglomerate, quartzite, limestone, phyllite; massive chert-pebble conglomerate

1 PROTEROZOIC
Shale, slate, phyllite, quartzite; minor andesite quartz-pebble quartzite, grey quartzite, dark slate

- Geologic contact
- Fault
- Elevation contour (3500) Interval, (500 feet)
- Stream, creek, lake
- Trail
- Claim group boundary (approximate)
- Claim line
- 1, YB87183 Claim number, grant number
- PK-A Soil sample line, sample location
- △ 21501 Rock sample, number
- ⊗ DDH PE-1 Diamond drill hole, number
- © Camp location

0 200 400 600 800 1000 1200 1400 1600

METRES

Dwg (3)

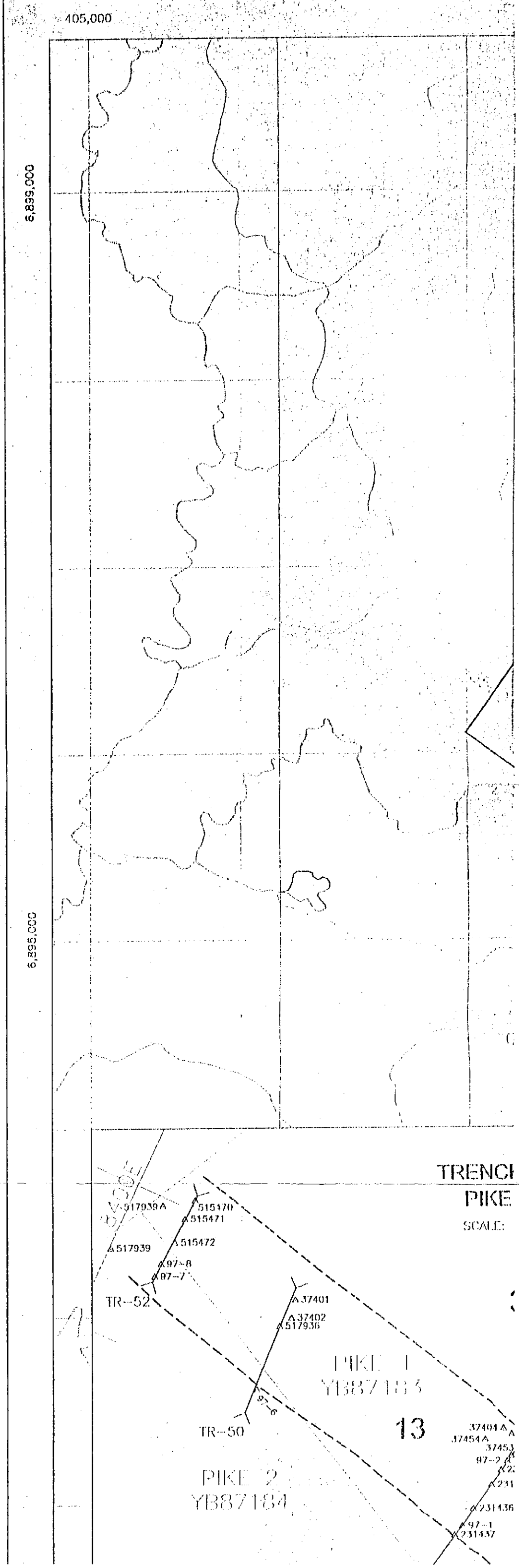
093990

TECK RESULTS

Sample Number	Au ppb	Ag ppm	Cu ppm-%	As ppm-%
37401	1290	60.6	5777	17.8%
37402	155	128.2	3.58%	1.85%
37403	260	367.2	1.42%	5.63%
37404	20	2.0	40.3	6925
37405	209	60.4	1771	2.9%
37406	5	30.3	3188	725
37407	5	94.2	311	7580
37408	5	0.6	185	145
37409	5	<0.2	142	80
37410	145	63.2	1.51%	6.1%
37419	5	2.6	89	100
37420	5	0.6	17	<5
37421	5	<0.2	9	30
37422	5	<0.2	117	5
37423	5	3.2	35	5
37451	5	<0.2	18	34
37452	5	29.8	223	470
37453	5	6.6	70	9250
37455	105	51.3	69	7.16%
37456	10	31.6	742	2250
37457	5	0.2	97	45
37458	5	0.4	153	25
37459	5	1.8	180	300
37460	10	61.6	3120	3655
37462	5	2.4	120	190
37463	NS	NS	NS	ns
37464	5	14.4	415	20
37465	5	0.4	38	30
37466	5	4.6	162	1680
37467	5	2.6	181	85
37468	5	12.4	281	1750
37469	5	40.6	431	55
37470	75	21.6	2022	5.98%
37479	15	422.7	2268	1.3%
37480	5	140.2	529	825
37481	5	4.8	152	95
37482	225	118.4	901	8.36%
37483	5	18.6	86	1975
37485	10	606.8	2279	5165

VICEROY INTERNATIONAL RESULTS

Sample Number	Au ppb	Ag ppm	Cu ppm	As ppm
515470	80	3.8	57	>10000
515471	<5	2.2	279	7020
515472	865	34.0	2400	>10000
519368	15	<0.2	11	152
519369	<5	0.2	42	16
517931	<5	52.4	1575	2900
517932	20	86.6	>10000	84
517933	<5	15.6	200	352
517934	50	>100	2590	>10000
517935	705	34.8	633	>10000
517936	140	>100	2320	>10000
517937	30	57.6	1690	5790
517938	500	62.8	3820	>10000
517939	5	23.8	644	596
517940	<5	3.4	5.4	1220
517941	10	>100	776	1925
517942	<5	0.4	42	62
519793	<5	<0.02	25	28



093940 D690

PK A

PK B

PK A

PK B

PIKE CLAIMS

CLAIM GROUP BOUNDARY (APPROXIMATE)

See Inset for Trench Detail

POKE ZONE

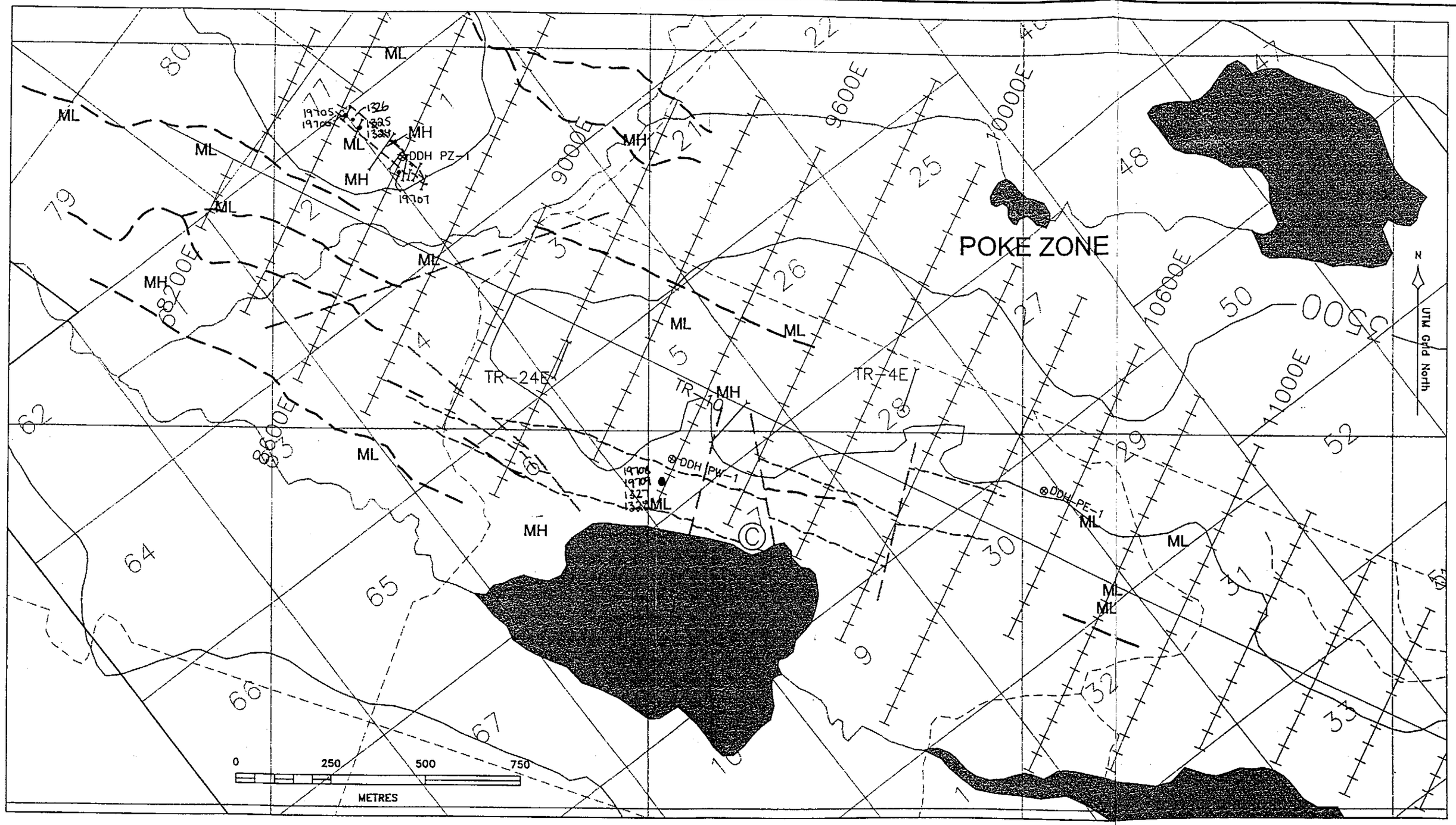
4000

4500

3500

TRENCH DETAIL

093190
Dwg ②



LEGEND

elevation contour interval, (500 feet)	3500
stream, creek	
trail	
claim group boundary	
claim line	
rock sample, no.	△ 21501
diamond drill hole, no.	⊗ DDH PE-1
bulldozer trench	
camp location	©
Geologic contact	
Fault	
EM, electromagnetic conductors CRONE EM	
Mag high	MH
Mag low	ML

NEWRISE RESOURCES

PIKE PROPERTY

COMPILATION MAP, Ground Geophysical Anomalies

Graham Davidson, Consulting Geologist

SCALE: 1:10,000	FILE: 245_8	DATE: 98.02.14
NTS: 105 J/2	DRAWN:	FIGURE 9

POKE ZONE

N

UTM Grid North

0 250 500 750

METRES

LEGEND

elevation contour interval, (500 feet)	3500
stream, creek	
trail	
claim group boundary	
claim line	
rock sample, no.	△ 21501
diamond drill hole, no.	⊗ DDH PE-1
bulldozer trench	
camp location	©
geologic contact, approximate	

Geochemical Contours *

Zn >200 ppm	
Zn >500 ppm	
Zn >1000 ppm	
Pb >100 ppm	
Pb >500 ppm	
Ag >1.0 ppm	
Ag >5.0 ppm	

* After Noranda soil data, 1989

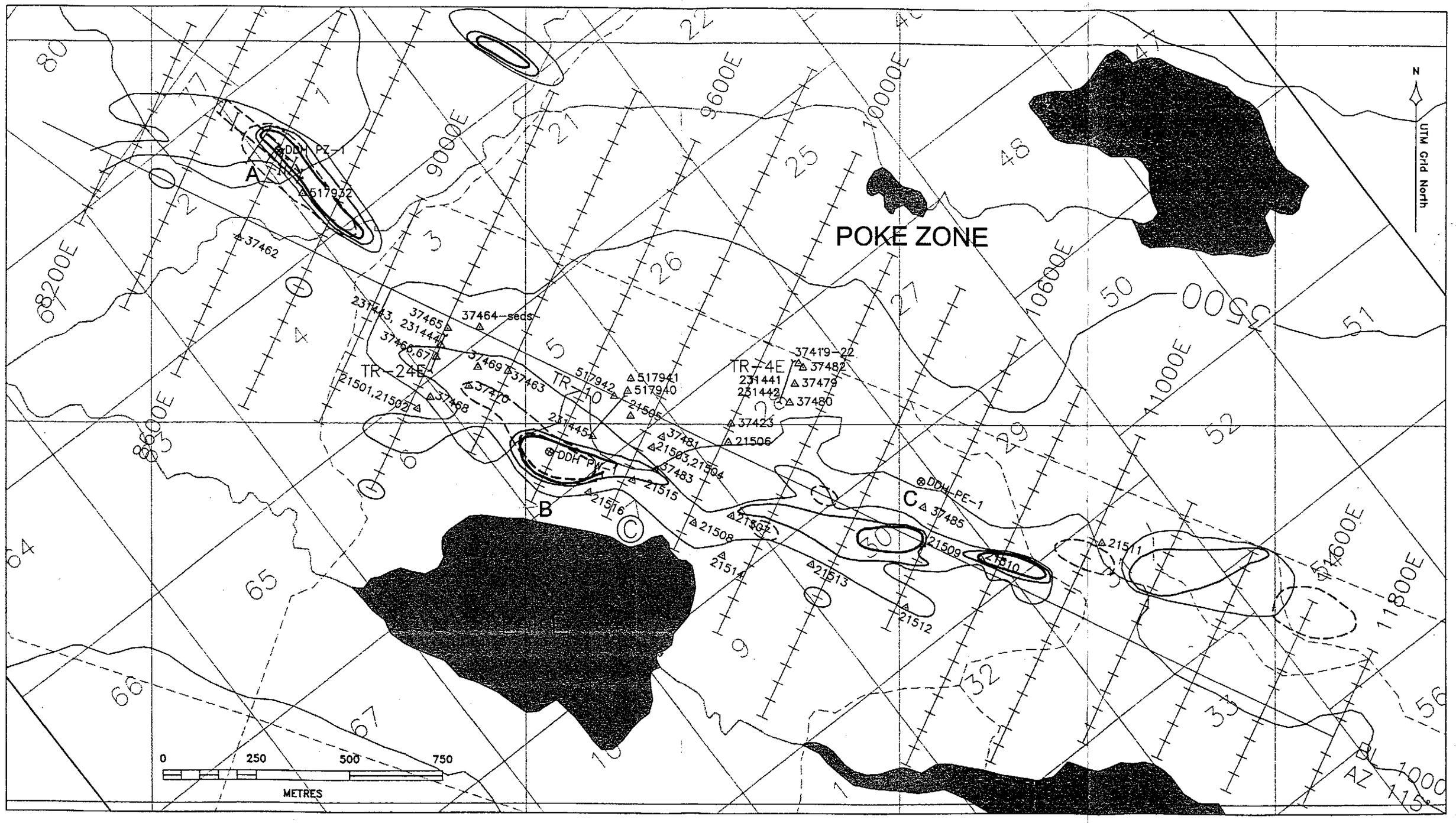
NEWRISE RESOURCES

PIKE PROPERTY

COMPILATION MAP, Ag-Pb-Zn Contours

Graham Davidson, Consulting Geologist

SCALE: 1:10,000	FILE: 245_6	DATE: 98.02.14
NTS: 105 J/2	DRAWN:	FIGURE 6



LEGEND

elevation contour interval, (500 feet)	3500
stream, creek	
trail	
claim group boundary	
claim line	
rock sample, no.	△ 21501
diamond drill hole, no.	⊗ DDH PE-1
bulldozer trench	
camp location	©
geologic contact, approximate	

Geochemical Contours *

- As >100 ppm
- As >500 ppm
- As >1000 ppm
- Cu >100 ppm
- Cu >500 ppm

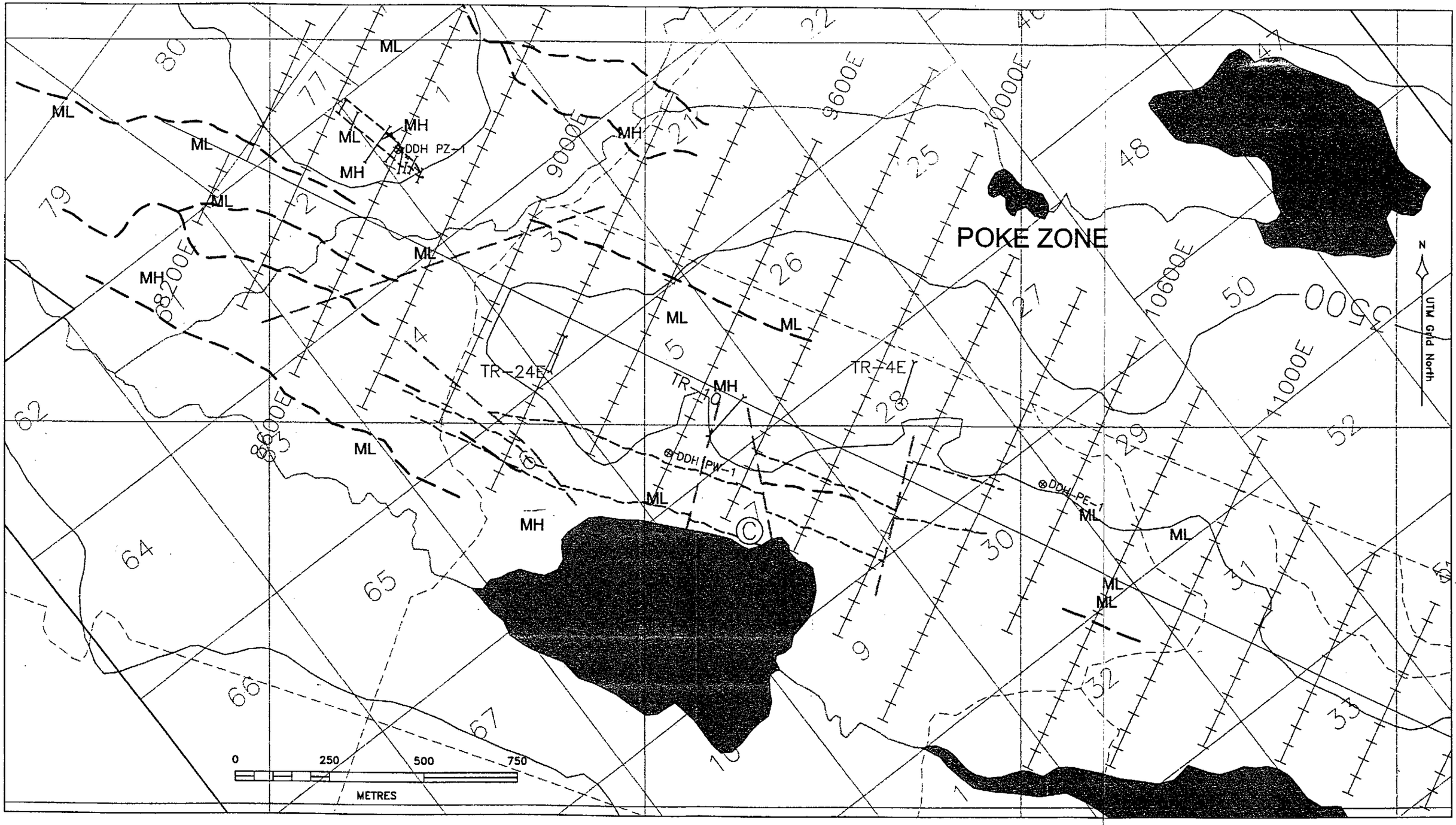
* After Noranda soil data, 1989

NEWRISE RESOURCES

PIKE PROPERTY
COMPILATION MAP, Cu-As Contours

Graham Davidson, Consulting Geologist

SCALE: 1:10,000	FILE: 245_7	DATE: 98.02.14
NTS: 105 J/2	DRAWN:	FIGURE 7



LEGEND

elevation contour interval, (500 feet)	3500	bulldozer trench	
stream, creek		camp location	©
trail		Geologic contact	
claim group boundary		Fault	
claim line		EM, electromagnetic conductors CRONE EM	
rock sample, no.	△ 21501	Mag high	MH
diamond drill hole, no.	⊗ DDH PE-1	Mag low	ML

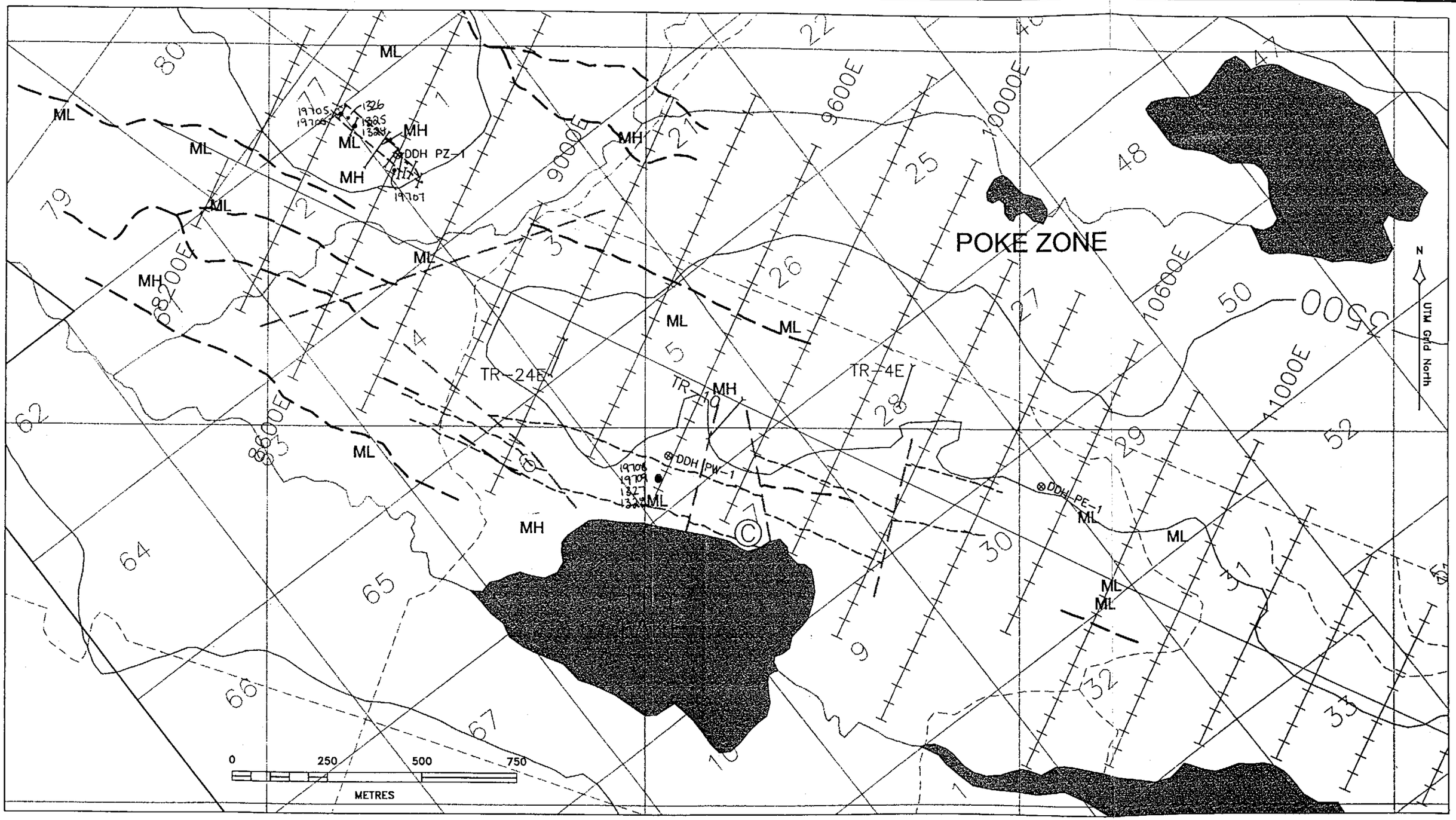
NEWRISE RESOURCES

PIKE PROPERTY

COMPILATION MAP, Ground Geophysical Anomalies

Graham Davidson, Consulting Geologist

SCALE: 1:10,000	FILE: 245_8	DATE: 98.02.14
NTS: 105 J/2	DRAWN:	FIGURE 8



LEGEND

elevation contour interval, (500 feet)	3500	bulldozer trench	
stream, creek		camp location	©
trail		Geologic contact	
claim group boundary		Fault	
claim line		EM, electromagnetic conductors CRONE EM	
rock sample, no.	△ 21501	Mag high	MH
diamond drill hole, no.	⊗ DDH PE-1	Mag low	ML

NEWRISE RESOURCES

PIKE PROPERTY

COMPILATION MAP, Ground Geophysical Anomalies

Graham Davidson, Consulting Geologist

SCALE: 1:10,000	FILE: 245_8	DATE: 98.02.14
NTS: 105 J/2	DRAWN:	FIGURE 9

APPENDIX II-CERTIFICATES OF ANALYSIS

INTERNATIONAL PLASMA LABORATORY LTD.
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

iPL 98H0908

Client : Homestake Canada Inc
Project: 90820 Yukon

89 Samples
63=Rock 26=Soil

[090809:24:05:89092598]

Out: Sep 04, 1998
In : Aug 31, 1998

Sample Name	Type	Au ppb	Au g/mt	Ag g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm
PIKE																			
01324	Rock	52	—	135.8	0.2m	3418	3421	6632	1.6%	0.1%	<3	<1	<10	98	0.1m	4	7	22	<5
01325	Rock	286	—	1030.9	0.3m	4.2%	19440	4.3%	15%	0.9%	<3	<1	<10	1888	0.6m	15	14	<2	<5
01326	Rock	197	—	—	18.0	392	6358	10272	19%	0.3%	<3	<1	<10	232	0.2m	92	10	<2	<5
01327	Rock	180	—	—	46.0	5381	1843	960	13%	264	<3	1	<10	240	33.1	23	13	<2	<5
01328	Rock	232	—	—	59.1	3682	1342	1058	8.6%	74	<3	<1	<10	159	26.3	49	8	<2	<5
19705	Rock	766	—	—	41.1	4618	824	853	13%	442	<3	2	<10	150	27.0	89	10	<2	<5
19706	Rock	<2	—	—	25.5	1323	1666	806	814	102	<3	3	<10	17	14.2	4	7	75	<5
19707	Rock	950	—	—	11.4	627	3027	323	29%	720	<3	5	<10	269	32.0	1033	24	<2	<5
19708	Rock	56	—	—	13.2	414	687	380	5.5%	47	<3	15	<10	33	16.9	10	14	<2	<5
19709 PIKE	Rock	<2	—	—	4.2	30	257	25	761	<5	<3	1	<10	<2	2.1	1	2	150	<5
20664	Rock	8	—	—	0.4	14	17	25	256	<5	<3	1	<10	<2	0.7	1	5	427	<5
20665	Rock	92	—	—	2.7	451	9	17	139	<5	<3	42	<10	<2	2.5	3	5	73	<5
Minimum Detection		2	0.07	0.3	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5
Maximum Detection		10000	1000.00	99999.0	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000
Method		FA/AAS	FAGrav	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

CERTIFICATE OF ANALYSIS

iPL 98H0908

INTERNATIONAL PLASMA LABORATORY LTD.

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898
[090809:24:05:89092598]

Homestake Canada Inc
Project : 90820 Yukon
Shipper : Mike Papageorge
Shipment: PO#:
Analysis:
Au(FA/AAS 30g) ICP(AqR)30

Comment:

89 **Samples** Out: Sep 04, 1998 In: Aug 31, 1998

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B211	63	Rock	crush, split & pulverize	12M/Dis	03M/Dis
B111	26	Soil	Dry & sift to -80 mesh, discard reject.	12M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Document Distribution

1 Homestake Canada Inc.
POBox 11115 1100-1055 W. Georgia St
Vancouver
BC V6E 3P3
Canada
Att: Dave Kuran
Ph:604/684-2345
Fx:604/684-9831
Em:dkuran@homestake.com

EN	RT	CC	IN	FX
1	2	2	2	1

DL	3D	EM	BT	BL
0	0	0	1	0

2 Homestake Canada Inc.
Yukon
Canada
Att: Dominic Bordin (E-mail)
Ph:867/993-5700
Fx:867/993-5076
Em:dbordin@homestake.com

EN	RT	CC	IN	FX
0	0	0	0	1

DL	3D	EM	BT	BL
0	0	1	0	0

3 Homestake Canada Inc.
POBox 11115 1100-1055 W. Georgia St
Vancouver
BC V6E 3P3
Canada
Att: Mike Papageorge
Ph:604/684-2345
Fx:604/684-9831
Em:yukonexp@homestake.com

EN	RT	CC	IN	FX
1	2	0	0	0

DL	3D	EM	BT	BL
0	0	1	1	0

Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0313	FA/AAS	ppb	Au FA/AAS finish 30g	Gold	2	10000
02	0364	FAGrav	g/mt	Au FA/Grav in g/mt	Gold	0.07	1000.00
03	0354	FAGrav	g/mt	Ag FA/Grav in g/mt	Silver	0.3	99999.0
04	0721	ICP	ppm	Ag ICP	Silver	0.1	100.0
05	0711	ICP	ppm	Cu ICP	Copper	1	20000
06	0714	ICP	ppm	Pb ICP	Lead	2	20000
07	0730	ICP	ppm	Zn ICP	Zinc	1	20000
08	0703	ICP	ppm	As ICP	Arsenic	5	10000
09	0702	ICP	ppm	Sb ICP	Antimony	5	1000
10	0732	ICP	ppm	Hg ICP	Mercury	3	10000
11	0717	ICP	ppm	Mo ICP	Molydenum	1	1000
12	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
13	0705	ICP	ppm	Bi ICP	Bismuth	2	10000
14	0707	ICP	ppm	Cd ICP	Cadmium	0.1	100.0
15	0710	ICP	ppm	Co ICP	Cobalt	1	10000
16	0718	ICP	ppm	Ni ICP	Nickel	1	10000
17	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
18	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
19	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
20	0729	ICP	ppm	V ICP	Vanadium	2	10000
21	0716	ICP	ppm	Mn ICP	Manganese	1	10000
22	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
23	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
24	0731	ICP	ppm	Zr ICP	Zirconium	1	10000
25	0736	ICP	ppm	Sc ICP	Scandium	1	10000
26	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
27	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	10.00
28	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	10.00
29	0712	ICP	%	Fe ICP	Iron	0.01	10.00
30	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	10.00
31	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	10.00
32	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
33	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

EN=Envelope # RT=Report Style CC=Copies IN=Invoices Fx=Fax(1=Yes 0=No) Totals: 2=Copy 2=Invoice 0=3½ Disk
DL=Download 3D=3½ Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C0343040619
* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu

TABLE 1 – 1996 SAMPLE DESCRIPTIONS & ASSAYS

PIKE Claims

Sample #	Trench No	Location (m)	t (m)	Rock Type	Gold total g/T	Gold -150 g/T	Silver ppm	Copper ppm	Arsenic %	Lead ppm	Zinc ppm
PIKE Zone											
231431	Tr-48-4	FW + 5	1.00	granite	0.07	0.07	19	760	1.3	1610	3000
231432	Tr-48-4	FW + 10	1.00	granite	0.24	0.24	105	10170	5.7	1160	2860
231433	Tr-48-4	FW	1.00	granite	-	-	43	1220	7.8	970	780
231434	Tr-48-4	FW + 15	1.00	granite	0.07	0.07	98	2470	2.5	2680	3700
231435	Tr-48-4	FW + 20	1.00	granite	0.07	0.07	24	3050	0.3	1420	1160
231436	Tr-48-4	FW + 30	1.00	granite	0.07	0.07	71	1720	1.4	960	1660
231437	Tr-48-4	FW + 40	1.00	granite	0.07	0.07	10	670	0.1	180	240
231438	Tr-45	FW	1.00	granite	-	-	96	1140	8.6	8010	5940
231439	Tr-43A	center	1.00	granite	0.07	0.07	16	1000	1.5	1840	1560
231440	Tr-44	center	1.00	granite	0.07	0.07	94	6830	1.4	1330	360
POKE Zone											
231441	Tr-4E	center	grab	granite	0.17	0.17	75	8940	21.5	900	1340
231442	Tr-4E	center	1.00	granite	0.07	0.07	2	150	0.0	100	100
231443	Tr-24E	FW + 5	1.00	granite	0.07	0.07	19	120	0.1	2880	900
231444	Tr-24E	FW + 20	1.00	granite	0.07	0.07	5	60	0.1	510	440
231445	Tr-10	center	1.00	granite	-	-	45	3700	12.1	1220	1040

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brookebank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Project : PIKE
Comments: ATTN:PHIL VAN ANGEREN

Page Number :1-A
Total Pages :1
Certificate Date: 30-OCT-96
Invoice No. :19633020
P.O. Number :
Account :JCL

CERTIFICATE OF ANALYSIS A9633020

SAMPLE	PREP CODE		Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
231431	205	234	19.0	7.20	1500	< 10	40	0.55	60	20	160	760	2.80	5.5	0.50	60
231432	205	234	105.0	6.40	1400	< 10	140	0.20	70	30	90	10170	7.80	6.1	0.20	20
231433	205	234	43.0	6.35	1700	< 10	120	0.65	60	40	120	1220	8.10	5.3	0.35	50
231434	205	234	98.0	7.15	2100	< 10	120	0.80	80	10	170	2470	3.90	6.6	0.30	80
231435	205	234	24.0	7.45	1600	< 10	60	0.65	10	10	150	3050	1.90	6.3	0.40	60
231436	205	234	71.0	6.15	1700	< 10	20	0.50	40	< 10	180	1720	2.25	6.1	0.20	50
231437	205	234	10.0	7.55	1500	< 10	< 20	0.55	< 10	< 10	130	670	2.00	6.0	0.45	60
231438	205	234	96.0	2.90	900	< 10	180	0.60	130	40	190	1140	8.60	1.7	0.25	60
231439	205	234	16.0	9.45	3200	< 10	20	1.15	30	< 10	30	1000	1.75	10.3	0.30	120
231440	205	234	94.0	9.10	3800	< 10	60	0.10	10	10	40	6830	3.60	10.3	0.05	< 10
231441	205	234	75.0	5.65	700	< 10	200	0.45	70	< 10	40	8940	19.85	3.1	0.05	30
231442	205	234	2.0	8.00	1300	< 10	< 20	1.30	< 10	< 10	170	150	2.55	3.7	0.65	170
231443	205	234	19.0	10.85	1900	< 10	< 20	0.60	< 10	< 10	40	120	7.25	5.4	0.85	610
231444	205	234	5.0	7.05	600	< 10	20	0.10	< 10	< 10	170	60	1.60	3.6	0.20	90
231445	205	234	45.0	6.60	1200	< 10	120	0.50	40	10	90	3700	13.30	5.2	0.30	70

CERTIFICATION: Stewart Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Project: PIKE
Comments: ATTN:PHIL VAN ANGEREN

Page Number :1-B
Total Pages :1
Certificate Date: 30-OCT-96
Invoice No. :19633020
P.O. Number :
Account :JCL

CERTIFICATE OF ANALYSIS A9633020

SAMPLE	PREP CODE		Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	Pb % AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	Zn ppm (ICP)	As %	Hg %
231431	205	234	< 10	0.35	< 10	0.161	170	0.20	40	3000	1.28	< 0.001
231432	205	234	< 10	0.40	< 10	0.116	200	0.10	30	2060	5.73	< 0.001
231433	205	234	< 10	0.60	10	0.097	220	0.15	40	780	7.80	< 0.001
231434	205	234	< 10	0.60	< 10	0.268	260	0.20	40	3700	2.52	< 0.001
231435	205	234	10	0.55	< 10	0.142	200	0.20	30	1160	0.27	< 0.001
231436	205	234	< 10	0.25	< 10	0.096	140	0.10	30	1660	1.40	< 0.001
231437	205	234	< 10	0.75	< 10	0.018	240	0.20	30	240	0.05	< 0.001
231438	205	234	< 10	0.45	< 10	0.801	130	0.05	10	5940	8.56	< 0.001
231439	205	234	< 10	0.40	< 10	0.184	330	0.20	50	1560	1.48	< 0.001
231440	205	234	< 10	0.40	< 10	0.133	400	0.10	10	360	1.42	< 0.001
231441	205	234	< 10	0.95	< 10	0.090	230	0.15	30	1340	21.5	< 0.001
231442	205	234	< 10	1.50	< 10	0.010	250	0.25	50	100	0.03	< 0.001
231443	205	234	< 10	0.35	< 10	0.286	110	1.25	240	900	0.09	< 0.001
231444	205	234	< 10	1.40	< 10	0.051	70	< 0.05	< 10	440	0.10	< 0.001
231445	205	234	< 10	0.75	< 10	0.122	250	0.15	30	1040	12.10	< 0.001

CERTIFICATION: Ivan Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: HASTINGS MANAGEMENT CORP. ##

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Project : PIKE
Comments: ATTN:PHIL VAN ANGEREN

Page Number :1
Total Pages :1
Certificate Date: 28-SEP-96
Invoice No. :19633019
P.O. Number :
Account :JCL

CERTIFICATE OF ANALYSIS A9633019

SAMPLE	PREP CODE		Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams					
231431	3208	294	< 0.07	< 0.07	< 0.002	1082	18.68					
231432	3208	294	0.24	0.24	0.002	1228	12.16					
231433	3208	294										
231434	3208	294	< 0.07	< 0.07	< 0.002	1337	6.07					
231435	3208	294	< 0.07	< 0.07	< 0.002	1201	20.95					
231436	3208	294	< 0.07	< 0.07	< 0.002	1405	6.91					
231437	3208	294	< 0.07	< 0.07	< 0.002	918	14.92					
231438	3208	294										
231439	3208	294	< 0.07	< 0.07	< 0.002	1021	14.72					
231440	3208	294	< 0.07	< 0.07	0.006	1221	8.43					
231441	3208	294	0.17	0.17	0.004	969	19.40					
231442	3208	294	< 0.07	< 0.07	< 0.002	1055	2.39					
231443	3208	294	< 0.07	< 0.07	< 0.002	1035	12.99					
231444	3208	294	< 0.07	< 0.07	< 0.002	1205	2.66					
231445	3208	294										

CERTIFICATION: [signature]

Pike

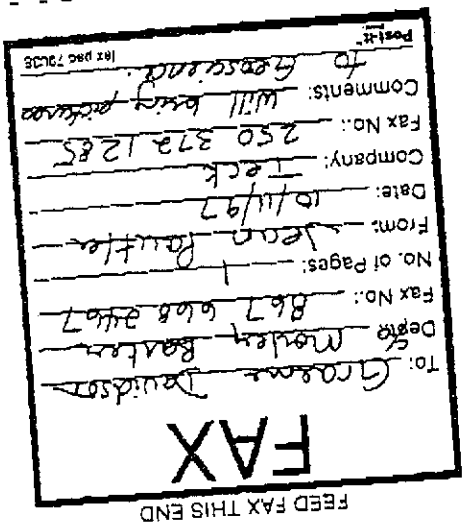
Sample Nos 37401 - 410 (10)
3 7419 - 423 (5)
37451 - 460 (10)
S37461 (soil)(1)
37462 - 470 (9)
37479 - 485 (7) @ 20. ea
42 840

Dates visited: June 25, 1997
June 27

Personnel: Jean Pautler 2d @ 300./day 600
Lynn Grexton 2d @ 250./day 500
Pete Risby 2d 600

Helicopter: Trans North #2,835. 2,835

5,375



9-Jul-97

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 97-628R

TECK EXPLORATION LTD.
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: JEAN PAUTLER

No. of samples Received: 25
Sample Type: ROCK
PROJECT #: 1389-6
SHIPMENT #: 1
Samples submitted by: JEAN PAUTLER

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	37401	>1000	>30	0.14	>10000	100	<5	0.04	610	288	55	5777	>10	<10	<0.01	16	17	<0.01	9	<10	2182	<5	<20	6	<0.01	<10	4	<10	<1	1261
2	37402	155	>30	0.15	>10000	50	<5	0.06	<1	15	84	>10000	6.45	<10	<0.01	10	0	<0.01	3	>10000	780	<5	60	3	<0.01	<10	2	<10	<1	1550
3	37403	260	>30	0.08	>10000	55	<5	<0.01	719	37	149	>10000	>10	<10	<0.01	132	2	<0.01	6	<10	>10000	<5	<20	11	<0.01	<10	2	<10	<1	>10000
4	37404	20	2.0	0.51	6925	45	<5	0.58	<1	16	91	403	2.48	20	0.21	68	5	<0.01	8	440	104	<5	<20	10	<0.01	<10	7	<10	20	498
5	37405	205	>30	0.18	>10000	50	<5	0.03	<1	25	84	1771	4.58	<10	<0.01	21	6	<0.01	3	190	792	<5	<20	8	<0.01	<10	3	<10	<1	114
6	37406	5	>30	0.30	725	50	<5	0.42	2	1	107	3188	1.20	10	0.15	20	5	<0.01	3	400	498	<5	<20	4	<0.01	<10	3	<10	16	427
7	37407	5	>30	0.03	7680	15	180	2.50	65	6	228	311	1.17	<10	<0.01	173	9	<0.01	5	<10	6520	<5	<20	53	<0.01	<10	1	<10	<1	4080
8	37408	5	0.6	1.31	145	45	<5	0.84	2	7	122	185	3.28	20	0.49	78	3	0.09	4	410	56	<5	<20	39	0.12	<10	21	<10	29	98
9	37409	5	<0.2	1.99	80	60	<5	0.99	3	10	112	142	3.75	<10	0.66	122	5	0.10	6	450	32	<5	<20	78	0.06	<10	31	<10	20	217
10	37410	145	>30	0.29	>10000	70	<5	2.30	<1	106	34	>10000	>10	10	<0.01	75	11	<0.01	2	<10	208	<5	<20	75	<0.01	<10	2	<10	<1	1172
11	37411	5	0.6	1.25	<5	140	55	0.12	283	30	60	1258	>10	<10	1.02	351	17	<0.01	21	70	66	<5	<20	7	<0.01	<10	16	<10	<1	>10000
12	37412	5	>30	3.66	25	70	<5	0.56	521	42	145	>10000	>10	<10	1.47	4470	<1	<0.01	21	<10	>10000	<5	40	10	0.35	<10	65	<10	<1	>10000
13	37413	5	>30	3.72	<5	75	<5	0.65	74	15	144	4568	>10	<10	1.70	3935	<1	0.04	22	650	1646	<5	<20	32	0.25	<10	50	340	<1	4669
14	37414	5	2.0	3.63	20	120	<5	2.56	2	14	80	77	5.10	10	1.65	652	3	0.13	4	600	130	<5	<20	72	0.18	<10	66	10	27	195
15	37415	5	0.6	0.37	<5	35	<5	0.87	1	1	200	24	0.45	<10	0.35	159	8	0.02	6	200	20	<5	<20	16	0.02	<10	6	<10	3	74
16	37416	5	0.4	3.91	15	100	10	2.70	<1	17	105	32	5.22	10	1.67	835	3	0.18	6	560	38	<5	<20	114	0.16	<10	84	<10	28	99
17	37417	5	<0.2	1.60	30	220	<5	1.78	2	11	186	73	2.69	20	1.64	109	4	0.08	38	6460	16	<5	<20	40	0.14	<10	322	<10	48	85
18	37418	5	0.8	0.18	10	25	<5	0.16	<1	1	185	9	0.99	<10	0.09	167	7	0.02	4	130	78	<5	<20	2	<0.01	<10	27	<10	4	53
19	37419	5	2.6	0.50	100	35	<5	1.58	1	5	126	89	2.33	<10	0.20	350	6	0.02	4	270	170	<5	<20	38	0.01	<10	9	<10	26	104
20	37420	5	0.6	0.72	<5	25	<5	1.29	<1	4	145	17	1.79	<10	0.27	396	6	0.03	5	280	48	<5	<20	28	0.03	<10	13	<10	29	51
21	37421	5	<0.2	1.76	30	95	<5	1.31	<1	9	112	9	2.93	10	0.63	506	3	0.00	7	430	20	<5	<20	42	0.13	<10	36	20	41	30
22	37422	5	<0.2	5.35	5	195	<5	5.12	<1	38	33	117	6.64	<10	1.55	687	<1	0.31	26	1070	38	<5	<20	379	0.29	<10	179	<10	23	62
23	37423	5	3.2	1.33	5	75	<5	1.25	3	9	122	35	3.26	20	0.62	634	5	0.04	7	460	134	<5	<20	34	0.04	<10	32	<10	41	266
24	37424	5	<0.2	0.08	<5	40	<5	0.02	<1	2	305	5	1.15	<10	<0.01	329	11	<0.01	10	70	<2	<5	<20	<1	<0.01	<10	4	<10	<1	<1
25	37425	50	0.2	2.01	10	100	<5	0.04	<1	25	57	143	5.30	10	0.77	519	5	0.02	47	220	24	<5	<20	3	0.02	<10	23	<10	<1	41
QC DATA:																														
Respit:																														
1	37401	>1000	>30	0.1	>10000	80	<5	<0.01	98	268	36	5777	>10	<10	<0.01	<1	17	<0.01	7	<10	2182	<5	<20	2	<0.01	<10	2	<10	<1	1184
Repeat:																														
1	37401	>1000	>30	0.10	>10000	85	<5	0.01	994	228	53	5297	>10	<10	<0.01	3	15	<0.01	5	<10	2090	<5	<20	4	<0.01	<10	2	<10	<1	1211
10	37410	155	>30	0.31	>10000	70	<5	2.43	<1	108	36	>10000	>10	20	<0.01	83	11	0.01	4	<10	204	<5	<20	77	<0.01	<10	3	<10	<1	111
19	37419		2.6	0.50	100	35	<5	1.68	2	5	135	80	2.52	<10	0.22	382	7	0.02	6	290	180	<5	<20	41	0.01	<10	10	<10	28	111
Standard:																														
GEO'97			150	1.4	1.73	55	155	<5	1.88	<1	18	82	78	4.04	<10	0.90	663	<1	0.02	24	810	22	<5	<20	63	0.12	<10	76	<10	18	65

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

dl/606
XLS/97Teck
fax: 372-1285

Pike

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Prince Sask

Pike

Riddell Square

11-Jul-97

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700

ICP CERTIFICATE OF ANALYSIS AK 97-629

TECK EXPLORATION LTD.
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: JEAN PAUTLER,
No. of samples Received: 31
Sample Type: ROCK
PROJECT #: 1399-8
SHIPMENT #:1
Sample submitted by: JEAN PAUTLER

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	37462	5	2.4	3.62	190	60	5	1.37	80	12	70	120	4.48	<10	2.65	518	2	0.21	27	720	162	45	<20	124	0.11	<10	106	<10	3	6280
2	37463	NO SAMPLE																												
3	37464	5	14.4	3.72	20	50	<5	2.36	97	13	38	415	8.41	<10	0.73	342	<1	0.31	15	890	7700	5	<20	176	0.08	<10	21	<10	<1	5484
4	37465	5	0.4	1.74	30	75	<5	0.84	1	5	61	38	2.49	<10	0.61	196	<1	0.12	2	440	120	<5	<20	51	0.10	<10	31	<10	23	70
5	37466	5	4.6	0.02	1680	45	<5	0.40	<1	5	56	162	2.75	<10	0.38	73	1	0.06	6	370	342	5	<20	20	0.04	<10	14	<10	19	517
6	37467	5	2.6	0.53	65	35	<5	1.14	7	6	62	181	3.05	20	0.18	62	6	0.03	6	470	152	<5	<20	26	<0.01	<10	7	<10	33	396
7	37468	5	12.4	0.41	1750	45	<5	0.31	39	3	41	281	3.15	<10	0.15	41	1	0.02	2	440	538	10	<20	16	<0.01	<10	5	<10	7	3098
8	37469	5	>30	3.67	55	50	<5	2.04	209	12	81	431	7.33	<10	2.13	634	<1	0.29	13	1260	>10000	65	<20	120	0.15	<10	40	<10	<1	>10000
9	37470	75	21.6	0.46	>10000	45	<5	0.24	<1	20	27	2022	8.46	<10	0.13	31	7	0.03	4	300	514	105	<20	17	<0.01	10	9	<10	<1	250
10	37471	5	25.6	2.81	155	45	<5	0.56	237	13	70	1237	>10	<10	1.55	2515	<1	0.07	11	660	656	<5	<20	52	0.15	<10	46	<10	<1	>10000
11	37472	5	>30	5.45	60	45	<5	0.21	>1000	62	41	>10000	>10	<10	2.32	5599	<1	<0.01	6	<10	>10000	<5	<20	<1	0.04	<10	65	<10	<1	>10000
12	37473	730	>30	1.57	<5	50	<5	1.24	11	70	22	>10000	>10	<10	0.51	745	9	0.03	12	<10	330	<5	<20	26	0.06	<10	11	<10	<1	459
13	37474	5	1.2	1.37	20	35	<5	0.16	<1	36	130	186	3.67	<10	0.66	1058	4	0.01	30	610	128	<5	<20	5	<0.01	<10	17	<10	<1	126
14	37475	5	0.8	0.24	25	610	<5	0.03	<1	<1	137	96	0.82	<10	0.04	39	51	<0.01	10	210	38	15	<20	15	<0.01	<10	175	<10	6	66
15	37476	5	0.6	0.31	20	55	<5	0.74	1	2	157	97	0.49	<10	0.45	153	3	0.02	5	210	48	5	<20	13	0.01	<10	10	<10	5	124
16	37477	5	1.0	3.17	10	75	<5	1.98	2	12	76	116	4.14	<10	1.34	425	2	0.13	2	490	80	5	<20	81	0.08	<10	56	<10	24	202
17	37478	5	0.6	0.26	15	165	<5	0.17	2	1	153	104	0.56	<10	0.30	120	2	0.01	4	130	58	5	<20	27	0.02	<10	10	<10	3	185
18	37479	15	>30	0.46	>10000	55	<5	0.61	240	21	41	2288	>10	<10	0.43	1354	<1	<0.01	4	<10	>10000	350	1700	<1	0.02	<10	11	<10	<1	>10000
19	37480	5	>30	2.15	825	<5	<5	1.41	202	9	68	529	7.22	<10	3.23	2686	<1	<0.01	3	600	>10000	110	500	<1	0.09	<10	28	<10	<1	>10000
20	37481	5	4.8	0.52	95	35	<5	0.81	9	4	83	152	3.00	<10	0.17	423	3	0.01	5	300	506	75	<20	10	<0.01	<10	7	<10	16	763
21	37482	225	>30	0.35	>10000	55	<5	0.22	<1	27	72	901	>10	<10	<0.01	44	14	<0.01	3	<10	>10000	680	1240	32	<0.01	20	2	<10	<1	1201
22	37483	5	18.6	1.03	1975	30	<5	0.57	<1	6	69	66	2.31	<10	0.34	587	2	0.06	6	350	988	20	<20	32	0.05	<10	16	<10	17	281
23	37485	10	>30	0.06	5165	55	75	0.02	428	12	18	2279	>10	<10	<0.01	815	<1	<0.01	2	<10	>10000	1420	1780	2	<0.01	20	2	<10	<1	>10000
24	37486	5	1.8	0.16	70	65	<5	0.02	<1	2	177	23	0.81	<10	0.09	208	4	<0.01	9	100	244	<5	<20	2	<0.01	<10	4	<10	<1	127
25	37487	5	0.4	0.04	30	30	<5	<0.01	<1	3	182	15	0.48	<10	<0.01	208	3	<0.01	4	60	38	<5	<20	<1	<0.01	<10	1	<10	<1	33

17-Jul-97

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 97-627

TECK EXPLORATION LTD.
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: JEAN PAUTLER

No. of samples Received: 9
Sample Type: ROCK
PROJECT #: 1389-8
SHIPMENT #: 1
Sample submitted by: JEAN PAUTLER

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	37451	5	<0.2	2.24	35	80	<5	>10	<1	8	40	18	1.81	<10	1.68	1231	<1	0.14	13	840	22	60	<20	388	0.09	<10	65	<10	20	56
2	37452	5	29.8	1.84	470	95	<5	0.56	34	5	113	223	4.46	<10	1.83	194	3	0.06	4	750	>10000	200	<20	83	0.12	<10	71	<10	9	1951
3	37453	5	6.8	1.17	9250	<5	<5	0.60	<1	<1	81	70	2.88	<10	0.45	46	3	0.07	6	<10	<2	95	<20	<1	0.03	<10	37	<10	<1	30
4	37455	105	>30	0.02	>10000	<5	190	0.20	688	17	154	69	7.43	<10	<0.01	73	29	<0.01	21	110	4492	855	<20	<1	<0.01	<10	10	<10	6	925
5	37456	10	>30	0.14	2250	<5	<5	0.20	6	<1	144	742	0.80	10	0.03	35	6	<0.01	3	210	1384	365	<20	<1	<0.01	<10	21	<10	47	1409
6	37457	5	0.2	2.20	45	105	<5	1.07	<1	8	149	97	2.60	<10	0.74	202	2	0.14	4	460	24	20	<20	72	0.15	<10	43	<10	45	29
7	37458	5	0.4	1.27	25	60	<5	1.07	<1	7	108	153	2.80	<10	0.58	89	<1	0.10	4	420	28	15	<20	33	0.13	<10	29	<10	52	20
8	37459	5	1.8	2.82	300	55	<5	1.46	20	8	125	180	3.31	<10	1.82	187	11	0.14	23	1850	136	40	<20	137	0.11	<10	140	<10	36	1483
9	37460	10	>30	0.06	3655	15	<5	4.11	18	2	158	3120	1.28	<10	0.03	573	4	<0.01	2	<10	3224	420	<20	79	<0.01	<10	2	<10	2	2182
QC DATA:																														
Resplit:																														
1	37451	5	<0.2	2.32	30	95	10	>10	<1	9	44	20	2.01	<10	1.85	1310	<1	0.17	18	860	24	70	<20	398	0.11	<10	75	<10	24	64
Repeat:																														
1	37451	5	0.2	2.44	40	85	<5	>10	<1	8	42	24	1.79	<10	1.74	1235	<1	0.15	12	840	26	55	<20	407	0.11	<10	68	<10	28	58
Standard:																														
GEO'97		-	1.4	1.89	75	165	<5	1.95	<1	18	60	89	3.98	<10	1.00	671	<1	0.03	25	650	24	5	<20	62	0.14	<10	81	<10	10	65

ECO-TECH LABORATORIES LTD.
per: Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/627A
XLS/97Teck
fax: 372-1285

Eco-Tech
LABORATORIES LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C V2C 6T4 Phone (250) 573-5700
Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 97-626 & 629

TECK EXPLORATION LTD.
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

15-Jul-97

ATTENTION: JEAN PAUTLER
Sample Type: ROCK
PROJECT #: 1389-8
SHIPMENT #: 1
Samples submitted by: JEAN PAUTLER

Pyke

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	As (%)	Cd (%)	Cu (%)	Pb (%)	Zn (%)
626-1	37401	1.29	0.038	60.6	1.8	17.80				
626-2	37402			128.2	3.7	1.85		3.58		
626-3	37403			367.2	10.7	5.63		1.42	2.04	5.23
626-5	37405			60.4	1.8	2.90				
626-6	37406			30.3	0.9					
626-7	37407			94.2	2.7					
626-10	37410			63.2	1.8	6.10		1.51		
626-11	37411			617.2	18.0					2.38
626-12	37412			394.2	11.5			1.58	2.61	4.78
Primo 626-13	37413			40.6	1.2					
Pyke 629-8	37469			40.6	1.18				1.83	1.44
629-9	37470					5.98				
Primo SE 629-10	37471	1.5m chip								2.06
Primo W 629-11	37472	boulders from upstream					0.12	2.82	8.89	8.63
Primo W 629-12	37473	boulders		68.3	1.99			5.56		
Pike E 629-18	37479			422.7	12.33	1.31			7.24	3.51
629-19	37480			140.2	4.09				2.48	2.38
629-21	37482			118.4	3.45	8.36			1.18	
Bet Rk 629-23	37485			606.8	17.70				9.63	3.94

→ Pete - looks like you've won 2 bottles of rum!

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.

ASSAYING
GEOCHEMISTRY
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ENVIRONMENTAL TESTING

ECO-TECH LABORATORIES LTD.
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Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 97-627

18-Jul-97

TECK EXPLORATION LTD.
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: J. Pautler

No. of samples:3
Sample Type:Rock
PROJECT #: 1389-8
SHIPMENT #: 1
Samples submitted by: J. Pautler

ET #.	Tag #	Ag (g/t)	Ag (oz/t)	As (%)	Pb (%)
2	37452	-	-	-	1.14
4	37455	51.3	1.50	7.16	-
5	37456	31.6	0.92	-	-
9	37460	61.6	1.80	-	-

QC DATA:

Standard:

Mpla	70.0	2.04	-	4.33
Cd-1	-	-	0.66	-

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/97Teck
fax: @ 372-1285

Rock Sample Description Sheet

Sample No	Traverse	Zone	Sample Type	Width (m)	Sample Desc.	Fm.	Lithology	Modifier	Colour	Carb. Presence	Silicification	Argillic Alt.	Potassic Alt.	Phyllic Alt.	Limonite	Mineral #1	Amount %	Mineral #2	Amount %	Other Mineral	Amount %	Date	Sampler	Comments
M517934R	PK	9	c	1.5	Oc		SLT	Sr	tan		S3	A1				P	5	Gn	2	As	5	28/7/97	GDM	Contact skarn? 15% mineralization
M517938R	PK	9	c	0.5	Oc		Qtz	vein	gry		S2					As	50					28/7/97	GDM	Qtz-arseno vein
M517939R	PK	9	c	1	Oc		LAQM	Mass	gry		S2				wk	P	5	As	1			28/7/97	GDM	Wall rock to M517938R
M517931R	PK	9	cg		Oc	OSDr	SST	Brec	brn		S3	A3			str	P	1	Cp	<1			28/7/97	CS	SST along Kqm cont. frac cont P, C
M517932R	PK	9	cg		Tr	OSDr	CH	Brec	lgy		S3	A1			str	Cp	2	P	<1			28/7/97	CS	CH + SST? frac cont sulphides
M517933R	PK	9	c	1	Oc	OSDr	SST	Frac	blk		S2				str	Po	6	Ga	3	P	3	28/7/97	CS	Locally massive Py + Ga
M517935R	PK	9	cg		Tr	Kqm	Vn	Gouge	grn		S1	A4				As	10					28/7/97	CS	Arseno - scorodite vein gouge
M517936R	PK	9	cg		Tr	Kqm	QBM	Frac	lgy		S3	A2				As	25	Cp	1	Ga	<1	28/7/97	CS	Sheeted fracture cont. sulphides
M517937R	PK	9	cg		Tr	Kqm	QBM	Frac	buff	C1	S3	A2			tr	As	4	Cp	2	P	3	28/7/97	CS	Fracturecont. sulphides
M517940R	PK	9	c	1	Oc	Kqm	QBM	Fol	tan		S1	A2			wk							28/7/97	CS	Fract. cont. argillic alt; Central Sho
M517941R	PK	9	cg		Tr	DMe	SH	Frac	blk	C3	S3				wk	Po	6	Ga	5	P	2	28/7/97	CS	Fracture cont sulphides, trench "pu
M517942R	PK	9	cg		Oc	DMe	GW	Frac	dgy	C1	S2				mod	Po	1	Py	2			28/7/97	CS	Fract cont. Po; Py fract cont + diss
M515470R	PK	9	c	2	tr	Kqm	QBM	Jted	lgy		S2				mod	As	3	Po	3	Cp	tr	16/7/97	CS	Jt cont As vns crosscutting dyke
M515471R	PK	9	c	1	tr	Kqm	QBM	Jted	lgy		S2				mod	As	2	Po	3	Cp	<1	16/7/97	CS	Near M515470R; similar fabric
M515472R	PK	9			tr	Kqm	Vn	Band	dgy						mod	As	50	Po	3	Cp		16/7/97	CS	Higrade of trench material M51547
M519368R	PKB	9	cg		Oc	OSDr	SS	Horn	gry	C1	S1					Po	1							
M519369R	PKB	9	c	0.3	Oc	OSDr	SLT	Frac	gry		S1					P	3							

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

o: VICEROY INTERNATIONAL EXPLORATION

BAG 5040
DAWSON CITY, YT
Y0B 1G0

Project : 4340 03 5333
Comments: ATTN:RICK DIMENT/L. JAMRICH

Page Number :4-A
Total Pages :5
Certificate Date: 19-AUG-97
Invoice No. :19736081
P.O. Number :
Account :OON

* PLEASE NOTE

CERTIFICATE OF ANALYSIS A9736081

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
MS17935R	205	226	705	34.8	0.12	>10000	10	< 0.5	126	0.03	5.5	1	< 1	633	12.80	< 10	40	0.07	< 10	0.01	20
MS17936R	205	226	140	>100.0	0.13	>10000	20	< 0.5	686	< 0.01	>100.0	24	37	2320	10.10	< 10	140	0.12	< 10	0.01	30
MS17937R	205	226	30	57.6	0.16	5790	50	< 0.5	62	0.21	52.0	< 1	89	1690	1.52	< 10	20	0.15	10	0.03	35
MS17938R	205	226	500	63.8	0.24	>10000	20	< 0.5	224	0.03	11.0	239	16	3820	12.65	< 10	30	0.11	< 10	0.05	10
MS17939R	205	226	5	23.8	1.41	596	170	< 0.5	16	0.51	1.0	5	65	644	2.90	< 10	10	0.28	10	0.49	75
MS17940R	205	226	< 5	3.4	0.41	1220	60	< 0.5	2	0.03	3.5	1	106	54	1.18	< 10	< 10	0.22	10	0.05	60
MS17941R	205	226	10	>100.0	1.97	1925	30	0.5	< 2	2.44	>100.0	6	44	776	8.80	< 10	60	0.13	10	1.48	2710
MS17942R	205	226	< 5	0.4	2.75	62	150	< 0.5	< 2	1.01	1.0	19	130	42	3.38	< 10	< 10	0.68	10	1.07	185
MS17931R	205	226	< 5	52.4	0.68	2900	80	< 0.5	50	0.45	4.5	1	83	1575	7.38	10	60	0.33	< 10	0.82	135
MS17932R	205	226	20	86.6	0.62	84	50	0.5	Intf*	0.77	17.0	3	55	>10000	5.25	< 10	70	0.07	10	0.67	295
MS17933R	205	226	< 5	15.6	3.32	352	30	0.5	18	0.96	>100.0	13	63	200	7.86	< 10	20	0.85	10	2.43	575
MS17934R	205	226	50	>100.0	0.58	>10000	50	< 0.5	170	0.17	14.0	5	38	2590	7.12	< 10	60	0.31	< 10	0.32	25

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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: VICEROY INTERNATIONAL EXPLORATION

BAG 5040
DAWSON CITY, YT
Y0B G0

Project : 4340 03 5333
Comments: ATTN:RICK DIMENTAL, JAMRICH

Page Number :4-B
Total Pages :5
Certificate Date: 19-AUG-97
Invoice No. :19736081
P.O. Number :
Account :OQN

* PLEASE NOTE

CERTIFICATE OF ANALYSIS A9736081

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
RS17935R	205	226	< 1	< 0.01	< 1	130	726	584	< 1	4	< 0.2	< 10	< 10	4	< 10	260
RS17936R	205	226	< 1	< 0.01	< 1	80	>10000	4760	< 1	8	< 0.2	< 10	< 10	3	< 10	>10000
RS17937R	205	226	< 1	< 0.01	2	250	2420	288	< 1	9	< 0.2	< 10	< 10	2	< 10	3030
RS17938R	205	226	< 1	< 0.01	1	250	1250	192	1	8	< 0.2	< 10	< 10	6	< 10	320
RS17939R	205	226	< 1	0.08	3	440	210	14	5	38	0.2	< 10	< 10	25	< 10	82
RS17940R	205	226	1	0.01	2	160	384	20	< 1	8	< 0.2	< 10	< 10	4	< 10	358
RS17941R	205	226	< 1	0.06	13	240	>10000	48	3	58	0.2	< 10	< 10	78	< 10	>10000
RS17942R	205	226	4	0.23	33	1720	30	< 2	7	135	0.3	< 10	< 10	121	< 10	82
RS17931R	205	226	8	0.05	9	540	1590	26	3	25	0.2	< 10	< 10	67	< 10	530
RS17932R	205	226	14	0.08	10	Intf*	36	< 2	1	13	0.2	< 10	< 10	105	< 10	970
RS17933R	205	226	9	0.81	42	930	950	18	3	94	0.3	< 10	< 10	130	< 10	>10000
RS17934R	205	226	4	0.11	5	320	6790	52	2	31	0.2	< 10	< 10	31	< 10	878

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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: VICEFAY INTERNATIONAL EXPLORATION

BAG 5-0
DAWSON CITY, YT
Y0B 1C

Project : 340 03 5333
Comments: ATTN:RICK DIMENT/L. JAMRICH

Page Number :1
Total Pages :1
Certificate Date: 25-AUG-97
Invoice No. :19738491
P.O. Number :
Account :OQN

CERTIFICATE OF ANALYSIS A9738491

SAMPLE	PREP CODE		Ag FA g/t	Cu %	Pb %	Zn %
N517932R	244	--	-----	1.80	-----	-----
N517933R	244	--	-----	-----	-----	1.13
N517934R	244	--	114	-----	-----	-----
N517936R	244	--	205	-----	2.17	1.64
N517941R	244	--	92	-----	2.44	1.81

CERTIFICATION: David Chiang

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: VICEROY INTERNATIONAL EXPLORATION

BAG 5040
DAWSON CITY, YT
Y0B 1G0

Project : 4340-03-5333
Comments: ATTN:RICK DIMENTAL, JAMRICK

Page Number :1-A
Total Pages :2
Certificate Date: 03-OCT-97
Invoice No. :19744536
P.O. Number :
Account :OQN

CERTIFICATE OF ANALYSIS A9744536

SAMPLE	PREP CODE		Au ppb FUSE	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
MS89367R	255	295	25	3.8	0.48	704	20	2.0	2	0.13	< 0.5	1	121	9	1.61	< 10	< 10	0.26	10	0.04	7310
MS89368R	255	295	< 5	2.0	0.75	102	20	1.5	< 2	0.13	< 0.5	1	129	4	1.25	< 10	< 10	0.34	20	0.09	600
MS89369R	255	295	30	2.2	0.57	642	30	1.0	< 2	0.05	< 0.5	1	223	7	1.35	< 10	< 10	0.34	10	0.04	315
MS89370R	255	295	20	1.8	0.46	648	30	0.5	< 2	0.04	< 0.5	< 1	156	5	1.12	< 10	< 10	0.34	10	0.03	130
MS15451R	255	295	15	2.8	0.41	688	20	0.5	< 2	0.03	< 0.5	< 1	144	10	0.72	< 10	< 10	0.30	10	0.02	95
MS15452R	255	295	10	14.8	0.53	210	30	1.0	< 2	0.07	< 0.5	< 1	155	4	1.70	< 10	< 10	0.40	10	0.01	380
MS15453R	255	295	5	5.4	0.50	298	10	1.5	< 2	0.33	0.5	1	128	5	1.61	< 10	< 10	0.31	10	0.04	>10000
MS15454R	255	295	510	41.8	0.44	>10000	< 10	1.5	< 2	0.05	2.5	6	118	16	3.62	< 10	< 10	0.23	< 10	0.03	7520
MS15455R	255	295	15	1.6	0.51	222	40	0.5	< 2	0.02	< 0.5	< 1	163	< 1	0.86	< 10	< 10	0.37	10	0.02	100
MS15456R	255	295	< 5	2.6	0.52	182	50	0.5	< 2	0.03	< 0.5	< 1	128	2	1.78	< 10	< 10	0.41	10	0.01	150
MS15457R	255	295	40	4.8	0.52	536	40	1.0	< 2	0.07	< 0.5	< 1	149	9	1.47	< 10	10	0.35	10	0.03	5610
MS15458R	255	295	380	3.8	0.22	>10000	< 10	1.5	2	1.03	1.0	2	165	8	2.80	< 10	< 10	0.13	< 10	0.08	>10000
MS15459R	255	295	80	96.2	0.45	854	20	1.0	16	0.02	< 0.5	< 1	160	151	1.45	< 10	< 10	0.32	20	0.02	345
MS15460R	255	295	865	>100.0	0.23	8030	30	< 0.5	< 2	0.08	2.0	2	223	35	1.62	< 10	10	0.13	< 10	0.01	8360
MS15461R	255	295	5	8.0	0.44	1030	30	0.5	< 2	0.01	< 0.5	< 1	161	15	2.74	< 10	100	0.26	10	0.01	315
MS15462R	255	295	2360	>100.0	0.50	>10000	30	0.5	< 2	0.01	< 0.5	< 1	154	131	2.92	< 10	110	0.29	10	0.01	245
MS15463R	255	295	580	6.0	0.35	>10000	50	< 0.5	< 2	< 0.01	< 0.5	< 1	147	31	3.31	< 10	30	0.20	< 10	0.01	95
MS15464R	255	295	55	21.8	0.47	3990	50	< 0.5	< 2	0.01	< 0.5	1	172	27	1.48	< 10	130	0.27	10	0.04	155
MS15465R	255	295	275	25.8	0.29	9680	80	< 0.5	< 2	0.01	< 0.5	< 1	150	19	1.76	< 10	40	0.25	< 10	0.01	60
MS15466R	255	295	2720	95.6	0.10	>10000	30	< 0.5	< 2	0.01	19.5	< 1	110	325	6.30	< 10	10	0.09	< 10	< 0.01	1965
MS15467R	255	295	< 5	10.8	0.30	114	110	< 0.5	2	< 0.01	< 0.5	< 1	233	3	0.60	< 10	< 10	0.22	10	0.01	70
MS15468R	255	295	50	16.2	0.44	3440	70	0.5	< 2	0.01	< 0.5	< 1	106	5	1.61	< 10	80	0.24	10	0.01	80
MS15469R	255	295	30	>100.0	0.38	2460	20	0.5	< 2	0.01	< 0.5	< 1	112	11	1.83	< 10	70	0.22	10	0.01	115
MS15470R	255	295	80	3.8	1.23	>10000	110	0.5	50	0.62	< 0.5	8	81	57	4.27	< 10	< 10	0.36	20	0.38	60
MS15471R	255	295	< 5	2.2	1.44	7020	40	< 0.5	< 2	0.53	0.5	7	97	279	2.94	< 10	< 10	0.28	10	0.62	70
MS15472R	255	295	865	34.0	0.07	>10000	< 10	< 0.5	426	< 0.01	>100.0	23	3	2400	>15.00	< 10	10	0.06	< 10	< 0.01	10
MS15473R	255	295	720	3.4	0.31	>10000	20	< 0.5	< 2	0.01	< 0.5	< 1	147	28	2.25	< 10	< 10	0.29	< 10	0.01	110
MS15474R	255	295	520	11.0	0.38	>10000	30	< 0.5	< 2	0.02	1.0	< 1	133	33	3.08	< 10	60	0.31	10	0.02	80
MS15475R	255	295	85	21.8	0.46	4190	10	< 0.5	< 2	0.01	< 0.5	< 1	177	9	1.15	< 10	60	0.33	10	0.01	195
MS15476R	255	295	305	3.0	0.48	740	20	< 0.5	< 2	< 0.01	< 0.5	< 1	153	33	1.57	< 10	10	0.24	10	0.01	25
MS15477R	255	295	115	7.6	0.30	1495	10	< 0.5	2	< 0.01	2.0	< 1	305	69	0.89	< 10	210	0.17	< 10	0.01	45
MS15478R	255	295	< 5	2.0	0.62	58	60	0.5	2	< 0.01	1.0	< 1	134	19	1.08	< 10	10	0.37	10	< 0.01	40
MS15479R	255	295	< 5	5.4	0.29	128	10	< 0.5	10	0.01	< 0.5	< 1	175	61	0.82	< 10	< 10	0.21	10	0.01	35
MS15480R	255	295	60	1.8	0.41	2020	30	< 0.5	2	< 0.01	< 0.5	< 1	141	30	1.00	< 10	< 10	0.29	10	0.01	35
MS15481R	255	295	6660	2.4	0.16	>10000	20	< 0.5	< 2	< 0.01	3.0	1	145	73	4.98	< 10	100	0.15	< 10	< 0.01	140
MS15482R	255	295	5	8.0	0.63	72	40	0.5	12	< 0.01	< 0.5	< 1	165	26	0.99	< 10	< 10	0.38	30	0.01	45
MS15483R	255	295	< 5	1.6	0.47	54	40	< 0.5	2	< 0.01	< 0.5	< 1	173	3	0.79	< 10	< 10	0.36	20	0.01	40
MS19368R	255	295	15	< 0.2	2.05	152	180	< 0.5	< 2	0.43	< 0.5	9	198	11	3.23	< 10	< 10	0.40	< 10	1.37	115
MS19369R	255	295	< 5	0.2	3.04	16	160	0.5	< 2	0.78	< 0.5	10	90	42	3.45	< 10	< 10	0.69	< 10	1.35	220

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: VICEROY INTERNATIONAL EXPLORATION

BAG 5040
DAWSON CITY, YT
Y0B 1G0

Project : 4340-03-5333
Comments: ATTN:RICK DIMENTAL, JAMRICK

Page Number :1-B
Total Pages :2
Certificate Date: 03-OCT-97
Invoice No. :19744536
P.O. Number :
Account :OQN

CERTIFICATE OF ANALYSIS A9744536

SAMPLE	PREP CODE		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
MS89367R	255	295	< 1	0.01	3	430	84	14	1	9	< 0.01	< 10	< 10	3	< 10	160
MS89368R	255	295	< 1	0.01	2	540	30	2	1	11	< 0.01	< 10	< 10	6	< 10	102
MS89369R	255	295	< 1	< 0.01	3	510	22	12	< 1	6	< 0.01	< 10	< 10	4	< 10	26
MS89370R	255	295	< 1	< 0.01	2	460	22	8	< 1	5	< 0.01	< 10	< 10	3	< 10	14
MS15451R	255	295	< 1	< 0.01	1	650	14	8	< 1	2	< 0.01	< 10	< 10	1	< 10	8
MS15452R	255	295	< 1	0.01	1	530	160	24	< 1	8	< 0.01	< 10	< 10	2	< 10	68
MS15453R	255	295	< 1	0.02	4	390	106	10	< 1	5	< 0.01	< 10	< 10	3	< 10	324
MS15454R	255	295	< 1	0.06	4	120	866	172	< 1	11	< 0.01	< 10	< 10	1	< 10	920
MS15455R	255	295	< 1	< 0.01	1	320	34	6	< 1	7	< 0.01	< 10	< 10	1	< 10	8
MS15456R	255	295	< 1	0.01	1	490	72	6	< 1	7	< 0.01	< 10	< 10	2	< 10	46
MS15457R	255	295	< 1	0.01	2	320	128	10	< 1	13	< 0.01	< 10	< 10	1	< 10	114
MS15458R	255	295	< 1	0.04	6	140	50	88	< 1	7	< 0.01	< 10	20	1	< 10	696
MS15459R	255	295	21	0.01	2	410	1410	54	< 1	9	< 0.01	< 10	< 10	1	< 10	104
MS15460R	255	295	1	0.18	4	100	1710	390	< 1	4	< 0.01	< 10	< 10	1	< 10	3140
MS15461R	255	295	< 1	0.01	2	310	880	18	< 1	7	< 0.01	< 10	< 10	1	< 10	260
MS15462R	255	295	< 1	0.01	1	460	1795	130	1	10	< 0.01	< 10	10	1	< 10	144
MS15463R	255	295	< 1	< 0.01	1	180	428	128	< 1	5	< 0.01	< 10	< 10	1	< 10	56
MS15464R	255	295	< 1	0.01	3	140	2640	28	< 1	6	< 0.01	< 10	< 10	3	< 10	142
MS15465R	255	295	< 1	0.01	2	270	2170	72	< 1	8	< 0.01	< 10	< 10	1	< 10	92
MS15466R	255	295	< 1	0.49	1	80	2740	360	< 1	3	< 0.01	< 10	< 10	< 1	< 10	8700
MS15467R	255	295	3	< 0.01	3	120	94	< 2	< 1	7	< 0.01	< 10	< 10	3	< 10	20
MS15468R	255	295	< 1	0.01	1	140	652	18	< 1	73	< 0.01	< 10	< 10	2	< 10	98
MS15469R	255	295	< 1	0.02	1	140	2440	44	< 1	48	< 0.01	< 10	< 10	2	< 10	238
MS15470R	255	295	1	0.09	3	420	44	30	5	36	0.03	< 10	< 10	16	< 10	30
MS15471R	255	295	1	0.08	4	410	22	4	6	28	0.08	< 10	< 10	28	< 10	170
MS15472R	255	295	< 1	< 0.01	< 1	70	266	298	< 1	4	< 0.01	< 10	10	< 1	< 10	220
MS15473R	255	295	< 1	< 0.01	1	250	586	98	< 1	4	< 0.01	< 10	< 10	1	< 10	42
MS15474R	255	295	< 1	0.01	1	170	2610	134	< 1	8	< 0.01	< 10	< 10	1	< 10	208
MS15475R	255	295	2	< 0.01	2	170	1935	24	< 1	20	< 0.01	< 10	< 10	1	< 10	80
MS15476R	255	295	< 1	0.01	2	200	812	24	< 1	22	< 0.01	< 10	< 10	5	50	104
MS15477R	255	295	< 1	0.04	3	60	1090	98	< 1	10	< 0.01	< 10	< 10	1	30	558
MS15478R	255	295	1	0.01	1	140	1140	6	1	6	< 0.01	< 10	< 10	< 1	< 10	104
MS15479R	255	295	1	0.01	3	230	630	< 2	< 1	6	< 0.01	< 10	< 10	1	< 10	116
MS15480R	255	295	< 1	< 0.01	2	230	536	6	< 1	7	< 0.01	< 10	< 10	1	< 10	52
MS15481R	255	295	< 1	0.01	1	290	194	604	1	3	< 0.01	< 10	30	1	< 10	206
MS15482R	255	295	1	0.01	1	310	2550	6	1	8	< 0.01	< 10	< 10	3	< 10	74
MS15483R	255	295	< 1	< 0.01	1	220	316	2	< 1	7	< 0.01	< 10	< 10	1	< 10	26
MS19368R	255	295	1	0.01	18	780	6	2	4	23	0.06	< 10	< 10	60	< 10	54
MS19369R	255	295	1	0.16	24	540	12	< 2	5	117	0.12	< 10	< 10	59	< 10	118

Silt Sample Description Sheet

Sample No.	Traverse	Zone	% Fines	Colou	Date	Sampler	Comments
M519793T	FKA		100	BRN		SE	1448M FINE ROOTS

Chemex Labs Ltd.

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To: VICEROY INTERNATIONAL EXPLORATION

BAG 5040
DAWSON CITY, YT
Y0B 1G0

Project : 4340-03-5333
Comments: ATTN: RICK DIMENT / L. JAMRICH

Page Number :1-A
Total Pages :1
Certificate Date: 03-OCT-97
Invoice No. :19744544
P.O. Number :
Account :OON

CERTIFICATE OF ANALYSIS A9744544

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
9518793Y	201	202	< 5	< 0.2	1.27	28	340	0.5	< 2	0.87	1.5	11	18	25	3.39	< 10	80	0.14	10	0.56	2760

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DAWSON CITY, YT
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Project : 4340-03-5333
Comments: ATTN: RICK DIMENT / L. JAMRICH

Page Number :1-B
Total Pages :1
Certificate Date: 03-OCT-97
Invoice No. :19744544
P.O. Number :
Account :OON

CERTIFICATE OF ANALYSIS A9744544

SAMPLE	PREP CODE		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
9518793Y	201	202	< 1	< 0.01	25	1500	8	2	3	66	< 0.01	< 10	< 10	40	< 10	110

Soil Sample Description Sheet

Sample No.	Zone	Horizon	Depth (cm)	Slope Angle	Colour	Permafrost	% Coarse Frags.	Vegetation	Surficial Geol.	Frag. Lithology	% Organics	Date	Sampler	Comments
PKA 0000		B	20	ht	lbrn		0	cf			0		SE	
PKA 0100		B	20	sl	lbrn		10	cf	till		0		SE	
PKA 0200		B	40	sl	lbrn		0	cf	till		0		SE	
PKA 0300		AC	40	st	dbrn		30	cf	till		70		SE	
PKA 0400		A	50	st	dbrn		0	cf	tf	SLT	60		SE	
PKA 0500		B	50	mod	dgy		0	cf			30		SE	
PKA 0600		A	50	mod	dgy		0	cf			80		SE	
PKA 0700		A	50	mod	dgy		0	cf			70		SE	
PKA 0800		AB	50	mod	dgy		0	cf			60		SE	
PKA 0900		AB	70	mod	dgy		10	cf	til		50		SE	
PKA 1000		AB	50	mod	dgy		0	cf			50		SE	
PKA 1100		B	20	mod	buf		10	cf	til		10		SE	
PKA 1200		NS											SE	
PKA 1300		B	20	sl	buf		0	bb			20		SE	
PKA 1400		B	30	val	gry		0	bb			20		SE	
PKA 1500		B	20	mod	lgry		0	cf			30		SE	
PKA 1600		B	30	mod	lgry		0	cf			30		SE	
PKA 1650		B	20	mod	lgry		0	cf			10		SE	
PKA 1700		B	20	mod	lgry		10	cf	tf	SLT	10		SE	
PKA 1750		B	20	mod	lgry		0	cf			20		SE	
PKA 1800		B	20	mod	brn		10	cf	til		10		SE	
PKA 1850		B	20	mod	brn		10	cf	til		10		SE	
PKA 1900		B	30	ht	lgy		0	cf			10		SE	
PKA 1950		B	30	ht	org		0	cf			10		SE	
PKA 2000		B	0	mod	org		0	cf			20		SE	
PKA 2050		?	??	mod	org		?	cf			80		SE	
PKA 2100		B	20	mod	gry		0	cf			20		SE	
PKA 2150		B	30	mod	gry		0	cf			10		SE	
PKA 2200		B	40	mod	gry		0	cf			0		SE	
PKA 2250		NS		mod									SE	
PKA 2300		NS		mod									SE	
PKA 2350		B	40	mod	gry		0	bb			30		SE	
PKA 2400		B	40	mod	gry		0	bb			20		SE	
PKA 2450		B	40	mod	brn		0	bb			10		SE	
PKA 2500		B	40	mod	brn		0	bb			20		SE	
PKA 2550		A	60	mod	blk		0	bb			100		SE	
PKA 2600		A	60	mod	blk		0	bb			80		SE	
PKA 2650		A	50	mod	blk		0	bb			80		SE	
PKA 2700		B	50	sl	gry		20	bb	til		20		SE	
PKA 2800		A	40	sl	dbrn		0	bb			0		SE	
PKB 0000		B	35	GEN	TAN			CF	COLL		10	16/09/9	MR	
PKB 0100		AB	35	GEN	MGY		10	CF	COLL	SLT	30	16/09/9	MR	
PKB 0200		B	35	FL	BL			CF	COLL		20	16/09/9	MR	
PKB 0300		B	45	FL	BL			CF	COLL		5	16/09/1	MR	

Soil Sample Description Sheet

PKB 0400		B	30	FL	MGY		20	CF	COLL	SLT	10	16/09/1	MR
PKB 0500		B	40	GEN	MGY		10	CF	COLL	SLT	10	16/09/1	MR
PKB 0600		B	40	GEN	MGY		30	CF	COLL	SLT		16/09/1	MR
PKB 0700		B	40	GEN	TAN			CF	COLL			16/09/1	MR
PKB 0800		B	35	GEN	BL			CF	COLL		10	16/09/1	MR
PKB 0900		B	45	GEN	BL		20	CF	COLL	SLT	30	16/09/1	MR
PKB 1000		B	25	MOD	BUFF		30	CF	COLL	SLT	40	16/09/1	MR
PKB 1100		B	30	MOD	TAN		50	CF	COLL	SLT	10	16/09/1	MR
PKB 1200		B	30	MOD	TAN		30	CF	COLL	SLT	15	16/09/1	MR
PKB 1300		B	40	MOD	TAN		5	CF	COLL	SLT	20	16/09/1	MR
PKB 1400		B	25	FL	TAN		30	CF	COLL	SLT	10	16/09/1	MR
PKB 1450		B	30	MOD	TAN			CF	COLL			16/09/1	MR
PKB 1500		B	35	MOD	TAN			CF	COLL		20	16/09/1	MR
PKB 1550				MOD				CF	COLL			16/09/1	MR
PKB 1600		AB	40	MOD	BL			CF	COLL		30	16/09/1	MR
PKB 1650		B	40	MOD	TAN			CF	COLL		30	16/09/1	MR
PKB 1700				FL/HT				CF	COLL			16/09/1	MR
PKB 1750		AB	40	GEN	TAN			CF	COLL		10	16/09/1	MR

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To: VICEROY INTERNATIONAL EXPLORATION

BAG 5040
DAWSON CITY, YT
Y0B 1G0

Project : 4340-03-5333
Comments: ATTN:RICK DIMENT/L. JAMRICH

Pa. mber :1-A
Total ages :3
Certificate Date: 04-OCT-
Invoice No. :1974153
P.O. Number :
Account :OQN

CERTIFICATE OF ANALYSIS A9744531

SOIL

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Jn ppm
PKA0000	201	202	< 5	< 0.2	1.43	4	210	< 0.5	< 2	0.02	< 0.5	3	16	17	1.50	< 10	10	0.12	10	0.15	1:5
PKA0100	201	202	< 5	0.2	1.34	2	230	< 0.5	< 2	0.03	0.5	5	21	20	2.31	< 10	20	0.15	10	0.32	2:5
PKA0200	201	202	< 5	0.2	0.93	8	150	< 0.5	< 2	0.06	0.5	8	14	15	2.47	< 10	10	0.10	10	0.19	7:0
PKA0300	201	202	< 5	0.2	1.15	4	200	0.5	< 2	0.79	2.5	11	13	62	2.95	< 10	20	0.11	20	0.27	6:5
PKA0400	201	202	< 5	< 0.2	1.20	2	180	0.5	< 2	1.78	0.5	8	15	40	2.08	< 10	40	0.12	10	0.66	2:5
PKA0500	201	202	< 5	< 0.2	0.90	6	90	< 0.5	< 2	0.10	0.5	5	11	11	2.12	< 10	< 10	0.04	10	0.51	1:5
PKA0600	201	202	< 5	0.4	0.97	20	60	< 0.5	< 2	1.23	2.0	7	4	27	0.95	< 10	60	0.03	< 10	0.12	5:0
PKA0700	201	202	< 5	1.2	1.36	20	160	< 0.5	< 2	2.17	2.0	4	11	43	1.25	< 10	140	0.08	10	0.28	5:5
PKA0800	201	202	< 5	< 0.2	0.68	12	60	< 0.5	< 2	0.06	1.0	7	13	14	3.69	< 10	< 10	0.04	20	0.05	2:0
PKA0900	201	202	< 5	0.2	0.48	< 2	50	< 0.5	< 2	0.05	< 0.5	1	5	14	0.66	< 10	10	0.05	< 10	0.07	:0
PKA1000	201	202	< 5	0.8	1.13	< 2	190	0.5	< 2	2.19	1.5	5	9	151	1.69	< 10	110	0.07	30	0.31	2:0
PKA1100	201	202	< 5	< 0.2	1.47	10	260	< 0.5	< 2	0.15	< 0.5	5	20	29	2.48	< 10	20	0.15	20	0.51	1:5
PKA1300	201	202	< 5	0.2	1.27	2	260	< 0.5	< 2	1.21	0.5	5	14	34	1.45	< 10	100	0.13	10	0.39	:5
PKA1400	201	202	< 5	0.2	1.23	4	220	< 0.5	< 2	0.47	1.0	4	14	21	1.60	< 10	60	0.12	10	0.35	1:0
PKA1450	201	202	< 5	< 0.2	1.36	< 2	240	< 0.5	< 2	0.07	0.5	5	22	8	2.59	< 10	< 10	0.14	10	0.45	1:0
PKA1500	201	202	< 5	0.2	1.38	18	280	0.5	< 2	0.29	0.5	8	19	28	2.26	< 10	50	0.16	10	0.50	8:5
PKA1600	201	202	< 5	0.2	0.97	8	280	< 0.5	< 2	0.49	< 0.5	4	10	16	1.33	< 10	60	0.09	< 10	0.28	2:0
PKA1650	201	202	< 5	< 0.2	1.26	36	190	< 0.5	< 2	0.21	0.5	10	18	27	2.89	< 10	20	0.12	20	0.58	4:5
PKA1700	201	202	< 5	0.6	1.29	10	600	< 0.5	< 2	0.33	2.5	15	11	27	2.05	< 10	110	0.07	< 10	0.19	88:0
PKA1750	201	202	< 5	0.8	1.02	8	210	< 0.5	< 2	0.16	< 0.5	3	14	35	2.08	< 10	150	0.11	10	0.38	2:5
PKA1800	201	202	< 5	< 0.2	1.68	34	350	< 0.5	< 2	0.06	< 0.5	8	27	38	4.38	< 10	10	0.25	20	0.45	8:0
PKA1850	201	202	< 5	< 0.2	1.07	12	200	< 0.5	< 2	0.03	< 0.5	3	15	22	1.62	< 10	30	0.17	10	0.25	1:5
PKA1900	201	202	< 5	0.2	0.66	2	130	< 0.5	2	0.01	< 0.5	1	6	9	0.64	< 10	10	0.07	20	0.06	:5
PKA2000	201	202	< 5	< 0.2	1.34	12	190	< 0.5	< 2	0.02	0.5	6	17	12	3.23	< 10	10	0.12	10	0.25	1:0
PKA2050	201	202	< 5	< 0.2	0.39	2	120	< 0.5	< 2	0.06	0.5	1	5	12	0.65	< 10	20	0.06	< 10	0.07	:5
PKA2100	201	202	< 5	< 0.2	2.37	10	470	0.5	< 2	1.00	< 0.5	11	17	26	3.66	< 10	10	0.17	30	1.16	3:5
PKA2150	201	202	< 5	0.2	2.36	8	490	0.5	< 2	1.42	< 0.5	11	25	27	3.24	< 10	10	0.18	10	1.64	3:5
PKA2200	201	202	< 5	< 0.2	1.86	18	280	0.5	< 2	0.94	0.5	10	23	24	2.63	< 10	40	0.21	10	1.12	3:5
PKA2350	201	202	< 5	< 0.2	0.53	< 2	90	< 0.5	< 2	0.27	< 0.5	2	9	10	1.20	< 10	< 10	0.07	10	0.15	50
PKA2400	201	202	< 5	< 0.2	1.23	4	230	< 0.5	< 2	0.50	< 0.5	5	18	12	1.42	< 10	10	0.11	10	0.59	1:0
PKA2450	201	202	< 5	< 0.2	1.25	12	200	< 0.5	< 2	0.59	< 0.5	4	14	13	1.72	< 10	< 10	0.09	10	0.27	1:5
PKA2500	201	202	< 5	< 0.2	1.71	< 2	330	0.5	< 2	1.34	0.5	7	19	21	1.97	< 10	10	0.08	10	0.49	3:5
PKA2550	201	202	< 5	< 0.2	0.26	< 2	150	< 0.5	< 2	4.63	0.5	1	2	24	0.25	< 10	70	< 0.01	< 10	0.03	1:0
PKA2600	201	202	< 5	0.2	1.37	8	240	< 0.5	< 2	2.59	0.5	8	13	27	1.56	< 10	30	0.10	< 10	0.46	8:0
PKA2650	201	202	< 5	0.2	0.47	< 2	130	< 0.5	< 2	1.11	< 0.5	3	4	12	0.63	< 10	30	0.03	< 10	0.09	1:5
PKA2700	201	202	< 5	0.2	1.50	12	280	< 0.5	< 2	1.38	0.5	8	23	21	2.14	< 10	40	0.22	10	0.91	4:5
PKA2800	201	202	< 5	0.2	1.64	14	290	0.5	< 2	0.63	1.0	9	21	43	2.43	< 10	70	0.18	10	0.78	2:5
PKB0000	201	202	< 5	< 0.2	0.76	< 2	100	< 0.5	< 2	0.05	< 0.5	3	10	5	1.33	< 10	< 10	0.06	10	0.18	1:5
PKB0100	201	202	< 5	< 0.2	0.31	< 2	50	< 0.5	< 2	0.11	< 0.5	< 1	4	7	0.34	< 10	< 10	0.05	< 10	0.04	:5
PKB0200	201	202	< 5	0.6	1.63	8	290	0.5	< 2	1.86	0.5	5	19	76	1.92	< 10	170	0.15	10	0.57	1:5

CERTIFICATION: [signature]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: VICEROY INTERNATIONAL EXPLORATION

BAG 5040
DAWSON CITY, YT
Y0B 1G0

Project : 4340-03-5333
Comments: ATTN:RICK DIMENTAL, JAMRICH

Page Number :1-B
Total Pages :3
Certificate Date: 04-OCT
Invoice No. :197445
P.O. Number :
Account :OQN

CERTIFICATE OF ANALYSIS A9744531

SAMPLE	PREP CODE		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
PKA0000	201	202	< 1	0.01	7	780	8	< 2	< 1	9	< 0.01	< 10	< 10	59	< 10	40
PKA0100	201	202	1	< 0.01	10	1050	12	< 2	< 1	9	< 0.01	< 10	< 10	52	< 10	72
PKA0200	201	202	< 1	0.01	9	1390	14	< 2	< 1	13	< 0.01	< 10	< 10	50	< 10	90
PKA0300	201	202	< 1	0.01	29	1350	12	4	1	61	< 0.01	< 10	< 10	32	< 10	74
PKA0400	201	202	< 1	0.01	25	770	8	< 2	2	121	< 0.01	< 10	< 10	24	< 10	50
PKA0500	201	202	1	0.01	9	680	10	2	< 1	14	< 0.01	< 10	< 10	30	< 10	46
PKA0600	201	202	< 1	0.03	13	940	2	< 2	< 1	74	0.01	< 10	< 10	12	< 10	60
PKA0700	201	202	< 1	0.03	20	1500	22	4	1	117	< 0.01	< 10	< 10	21	< 10	132
PKA0800	201	202	2	0.01	17	500	10	2	< 1	9	0.01	< 10	< 10	70	< 10	90
PKA0900	201	202	< 1	0.06	3	560	2	< 2	< 1	8	< 0.01	< 10	< 10	16	< 10	16
PKA1000	201	202	1	0.01	46	960	10	< 2	2	168	< 0.01	< 10	< 10	27	< 10	40
PKA1100	201	202	< 1	0.01	17	660	12	2	1	18	< 0.01	< 10	< 10	53	< 10	78
PKA1300	201	202	< 1	0.02	18	760	6	< 2	2	100	< 0.01	< 10	< 10	34	< 10	78
PKA1400	201	202	< 1	0.03	12	660	6	< 2	1	42	0.01	< 10	< 10	37	< 10	70
PKA1450	201	202	< 1	0.01	7	450	10	2	2	8	0.04	< 10	< 10	81	< 10	58
PKA1500	201	202	< 1	0.03	17	700	14	2	3	26	0.01	< 10	< 10	48	< 10	88
PKA1600	201	202	< 1	0.04	11	570	8	< 2	1	33	< 0.01	< 10	< 10	28	< 10	48
PKA1650	201	202	< 1	< 0.01	20	850	28	< 2	2	27	< 0.01	< 10	< 10	44	< 10	96
PKA1700	201	202	4	0.03	51	950	8	< 2	1	27	0.01	< 10	< 10	31	< 10	118
PKA1750	201	202	3	0.01	11	1390	14	< 2	1	32	< 0.01	< 10	< 10	34	< 10	50
PKA1800	201	202	4	0.01	15	1430	30	< 2	2	40	0.01	< 10	< 10	91	< 10	88
PKA1850	201	202	1	0.03	8	460	14	< 2	1	17	0.01	< 10	< 10	48	< 10	30
PKA1900	201	202	1	0.02	2	210	6	< 2	< 1	8	0.01	< 10	< 10	31	< 10	12
PKA2000	201	202	< 1	< 0.01	10	440	10	4	1	13	0.04	< 10	< 10	74	< 10	46
PKA2050	201	202	< 1	0.04	3	370	4	< 2	< 1	18	< 0.01	< 10	< 10	18	< 10	10
PKA2100	201	202	1	0.01	17	1050	16	< 2	4	65	0.01	< 10	< 10	35	< 10	82
PKA2150	201	202	< 1	0.03	18	510	18	2	4	95	0.04	< 10	< 10	70	< 10	70
PKA2200	201	202	< 1	< 0.01	22	460	12	< 2	3	59	0.05	< 10	< 10	60	< 10	68
PKA2350	201	202	< 1	0.01	5	150	2	< 2	< 1	25	0.02	< 10	< 10	36	< 10	24
PKA2400	201	202	< 1	< 0.01	9	160	8	< 2	1	32	0.02	< 10	< 10	35	< 10	38
PKA2450	201	202	< 1	0.01	7	220	12	< 2	1	34	< 0.01	< 10	< 10	45	< 10	32
PKA2500	201	202	< 1	< 0.01	12	460	12	< 2	2	62	0.01	< 10	< 10	32	< 10	56
PKA2550	201	202	< 1	< 0.01	6	500	< 2	< 2	< 1	163	< 0.01	< 10	< 10	2	< 10	2
PKA2600	201	202	< 1	0.02	18	890	10	4	1	142	0.01	< 10	< 10	29	< 10	52
PKA2650	201	202	< 1	0.05	5	480	< 2	< 2	< 1	61	0.01	< 10	< 10	12	< 10	8
PKA2700	201	202	4	0.01	14	940	10	< 2	3	83	0.01	< 10	< 10	54	< 10	80
PKA2800	201	202	< 1	0.02	25	600	12	< 2	3	45	0.01	< 10	< 10	48	< 10	98
PKB0000	201	202	< 1	0.02	7	250	6	< 2	< 1	7	< 0.01	< 10	< 10	41	< 10	34
PKB0100	201	202	< 1	0.04	2	210	4	< 2	< 1	10	< 0.01	< 10	< 10	12	< 10	12
PKB0200	201	202	< 1	0.01	25	1310	6	< 2	3	127	< 0.01	< 10	< 10	41	< 10	122

CERTIFICATION:

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: VICEROY INTERNATIONAL EXPLORATION
BAG 5040
DAWSON CITY, YT
Y0B 1G0

Project : 4340-03-5333
Comments: ATTN:RICK DIMENT/L. JAMRICH

Page Number :2-A
Total Pages :3
Certificate Date: 04-OCT
Invoice No. :19744[illegible]
P.O. Number :
Account :OQN

CERTIFICATE OF ANALYSIS A9744531

SOIL SAMPLE	PREP CODE		An ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
PKB0300	201	202	< 5	0.2	0.71	2	210	< 0.5	< 2	1.38	< 0.5	2	3	14	0.61	< 10	50	0.02	< 10	0.07	280
PKB0400	201	202	< 5	< 0.2	0.96	< 2	160	< 0.5	< 2	0.05	< 0.5	2	11	11	1.32	< 10	10	0.09	10	0.23	105
PKB0500	201	202	< 5	0.2	1.05	2	220	0.5	< 2	0.94	< 0.5	5	9	21	1.18	< 10	40	0.09	10	0.18	225
PKB0600	201	202	< 5	0.2	0.66	< 2	170	< 0.5	< 2	0.55	0.5	< 1	5	13	0.49	< 10	10	0.06	< 10	0.05	25
PKB0700	201	202	< 5	< 0.2	0.29	< 2	40	< 0.5	< 2	0.05	< 0.5	< 1	1	2	0.32	< 10	< 10	0.03	< 10	0.01	25
PKB0800	201	202	< 5	< 0.2	0.44	< 2	100	< 0.5	< 2	0.93	0.5	1	1	7	0.38	< 10	30	0.02	< 10	0.04	135
PKB0900	201	202	< 5	0.2	1.42	< 2	190	0.5	< 2	1.00	1.5	6	10	43	1.28	< 10	70	0.09	10	0.18	400
PKB1000	201	202	< 5	< 0.2	1.00	8	160	< 0.5	< 2	0.02	< 0.5	3	12	10	1.67	< 10	10	0.13	30	0.18	100
PKB1100	201	202	< 5	0.2	0.53	< 2	80	< 0.5	< 2	0.02	< 0.5	1	6	4	0.56	< 10	< 10	0.07	< 10	0.06	65
PKB1200	201	202	< 5	0.2	0.95	2	140	< 0.5	< 2	0.04	< 0.5	3	11	15	1.59	< 10	10	0.11	< 10	0.25	90
PKB1300	201	202	< 5	0.6	0.97	< 2	230	< 0.5	< 2	0.35	< 0.5	3	8	15	0.91	< 10	60	0.09	< 10	0.15	115
PKB1400	201	202	< 5	< 0.2	0.28	2	50	< 0.5	< 2	0.02	< 0.5	< 1	3	6	0.32	< 10	10	0.03	< 10	0.01	15
PKB1450	201	202	< 5	< 0.2	2.00	2	280	< 0.5	< 2	0.11	< 0.5	5	19	17	2.31	< 10	10	0.17	10	0.81	130
PKB1500	201	202	< 5	< 0.2	0.37	< 2	70	< 0.5	< 2	0.03	< 0.5	< 1	4	4	0.46	< 10	< 10	0.06	< 10	0.05	25
PKB1600	201	202	< 5	< 0.2	0.49	< 2	130	< 0.5	< 2	1.09	< 0.5	< 1	4	7	0.41	< 10	50	0.02	< 10	0.06	20
PKB1650	201	202	< 5	< 0.2	1.13	2	180	< 0.5	< 2	0.07	< 0.5	2	12	9	1.23	< 10	10	0.11	10	0.28	55
PKB1750	201	202	< 5	0.2	0.45	< 2	100	< 0.5	< 2	0.14	< 0.5	1	2	8	0.45	< 10	30	0.03	< 10	0.05	60
PKB1800	201	202	< 5	0.2	1.07	2	200	< 0.5	< 2	0.08	0.5	5	13	21	1.63	< 10	50	0.13	10	0.35	155
PKB1850	201	202	< 5	0.2	1.43	8	240	0.5	< 2	0.28	< 0.5	6	15	33	2.05	< 10	70	0.12	10	0.49	275
PKB1900	201	202	< 5	< 0.2	2.22	12	220	< 0.5	< 2	0.06	< 0.5	6	24	25	3.64	< 10	20	0.17	10	0.83	270
PKB1950	201	202	< 5	0.4	1.71	8	350	0.5	< 2	0.22	1.0	14	17	65	3.75	< 10	40	0.21	10	0.51	375
PKB2000	201	202	< 5	0.2	0.65	2	130	< 0.5	< 2	0.11	< 0.5	2	7	6	0.89	< 10	10	0.09	< 10	0.14	110
PKB2050	201	202	< 5	0.6	0.89	< 2	200	< 0.5	< 2	0.93	0.5	1	8	21	1.12	< 10	60	0.06	< 10	0.17	40
PKB2150	201	202	< 5	0.2	0.87	2	160	< 0.5	< 2	0.20	< 0.5	3	10	15	1.07	< 10	50	0.09	< 10	0.23	55
PKB2250	201	202	< 5	< 0.2	1.15	6	200	< 0.5	< 2	0.41	0.5	6	14	21	1.42	< 10	50	0.12	10	0.43	165
PKB2350	201	202	< 5	< 0.2	0.61	< 2	160	< 0.5	< 2	1.99	1.5	3	6	20	0.62	< 10	100	0.04	< 10	0.19	750
PKB2400	201	202	< 5	< 0.2	0.87	8	130	< 0.5	< 2	0.07	< 0.5	3	11	17	2.07	< 10	10	0.07	10	0.30	145
PKB2450	201	202	< 5	< 0.2	0.35	2	60	< 0.5	< 2	0.01	< 0.5	< 1	3	6	0.41	< 10	10	0.03	10	0.02	20

Chemex Labs Ltd.

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To: VICEROY INTERNATIONAL EXPLORATION

BAG 5040
DAWSON CITY, YT
Y0B 1G0

Project : 4340-03-5333
Comments: ATTN:RICK DIMENT/L. JAMRICH

Page Number :2-B
Total Pages :3
Certificate Date: 04-OCT-
Invoice No. : 1974453
P.O. Number :
Account : OON

CERTIFICATE OF ANALYSIS A9744531

SAMPLE	PREP CODE		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
PKB0300	201	202	1	0.05	5	1030	< 2	< 2	< 1	89	0.01	< 10	< 10	15	< 10	12
PKB0400	201	202	1	0.03	7	330	6	< 2	1	9	< 0.01	< 10	< 10	39	< 10	48
PKB0500	201	202	< 1	0.03	8	590	6	< 2	1	74	0.01	< 10	< 10	28	< 10	78
PKB0600	201	202	< 1	0.05	3	360	2	< 2	< 1	56	< 0.01	< 10	< 10	16	< 10	24
PKB0700	201	202	< 1	0.08	1	170	< 2	< 2	< 1	7	0.01	< 10	< 10	10	< 10	8
PKB0800	201	202	< 1	0.07	2	430	< 2	< 2	< 1	79	0.01	< 10	< 10	9	< 10	18
PKB0900	201	202	1	0.05	18	1100	4	< 2	1	78	0.01	< 10	< 10	35	< 10	54
PKB1000	201	202	1	0.01	8	410	10	< 2	< 1	8	< 0.01	< 10	< 10	68	< 10	42
PKB1100	201	202	< 1	0.04	1	510	2	< 2	< 1	5	< 0.01	< 10	< 10	24	< 10	16
PKB1200	201	202	2	0.04	8	580	4	< 2	< 1	9	< 0.01	< 10	< 10	40	< 10	42
PKB1300	201	202	1	0.07	9	570	< 2	< 2	1	35	0.01	< 10	< 10	28	< 10	30
PKB1400	201	202	< 1	0.05	1	140	2	< 2	< 1	5	< 0.01	< 10	< 10	11	< 10	8
PKB1450	201	202	1	0.03	12	250	6	< 2	2	16	< 0.01	< 10	< 10	58	< 10	54
PKB1500	201	202	< 1	0.06	2	160	2	< 2	< 1	6	< 0.01	< 10	< 10	18	< 10	12
PKB1600	201	202	1	0.05	4	500	2	< 2	< 1	93	0.01	< 10	< 10	8	< 10	6
PKB1650	201	202	< 1	0.03	6	260	6	2	1	10	< 0.01	< 10	< 10	40	< 10	30
PKB1750	201	202	< 1	0.06	3	180	2	< 2	< 1	18	0.01	< 10	< 10	10	< 10	10
PKB1800	201	202	1	0.01	13	800	8	< 2	1	15	< 0.01	< 10	< 10	33	< 10	58
PKB1850	201	202	2	0.01	19	720	8	2	2	31	< 0.01	< 10	< 10	36	< 10	76
PKB1900	201	202	1	< 0.01	15	490	16	< 2	3	11	0.01	< 10	< 10	67	< 10	88
PKB1950	201	202	4	0.02	36	1260	18	2	1	71	0.01	< 10	< 10	50	< 10	158
PKB2000	201	202	< 1	0.05	4	290	6	2	< 1	14	0.01	< 10	< 10	25	< 10	28
PKB2050	201	202	1	0.05	11	650	6	< 2	< 1	66	0.01	< 10	< 10	22	< 10	24
PKB2150	201	202	1	0.04	7	560	6	< 2	1	22	0.01	< 10	< 10	26	< 10	34
PKB2250	201	202	1	0.03	13	470	6	< 2	1	34	0.01	< 10	< 10	37	< 10	72
PKB2350	201	202	1	0.01	14	750	6	< 2	< 1	101	< 0.01	< 10	< 10	12	< 10	42
PKB2400	201	202	1	0.01	10	710	10	2	1	10	< 0.01	< 10	< 10	36	< 10	54
PKB2450	201	202	< 1	0.01	2	260	2	< 2	< 1	4	< 0.01	< 10	< 10	13	< 10	12