86-983 - 15685

SUMMARY REPORT NO: 182-108-85

ON

GEOLOGY, PROSPECTING, GEOCHEMISTRY, MAGNETIC SURVEY, VLF SURVEY AND DIAMOND DRILLING.

OF

THE WICK, LUCKY GROUP, KL TO KZ AND OYSTER MINERAL CLAIMS,

TOQUART BAY, NR.UCLUELET,

VANCOUVER ISLAND, B. C.

Alberni M.O.

PROPERTY:	The Wick, Lucky Group, KL to KZ and Oyster Mineral Claims, Toquart Bay, Nr.Ucluelet, V.I. B.C. PN 108 - Toquart Bay, NTS 92F/3W,3E LAT. 49° 03'N LONG. 125°18'W.
WRITTEN FOR:	FALCONBRIDGE LIMITED, (Owner) 6415 - 64th Street, Delta, B.C. Operator: Electrum Res. Corp.
WRITTEN BY:	Z. Rebic and J. Lehtinen, Geologists for Falconbridge Limited.
PROJECT:	Work carried out by Falconbridge under option from Victoria Resource Corporation and Electrum Resource Corporation on the K group of claims, and Oyster, Wick & Lucky Claims.
DATED:	November 30th, 1985.

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SUMMARY REPORT

FALCONBRIDGE LIMITED

PN108 - TOQUART BAY

NTS 92F/3

LAT. 49°03' N LONG. 125°17' W

Z. Rebic
J. Lehtinen

November, 1985

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1. SUMMARY

In 1985, the WICK, LUCKY Group, KL to KZ and OYSTER mineral claims were optioned from Victoria Resource Corporation by Falconbridge Limited. The objective was to evaluate a gold-bearing structure, known as the Lucky vein, and geochemical anomalies on the property.

The 1985 exploration programme commenced on May 14 and was completed on August 31. A grid was surveyed over the Lucky vein. Magnetometer, VLF-EM and soil surveys were conducted on the grid; results were not encouraging. Underground channel sampling confirmed that the Lucky vein is a gold-bearing fault-controlled pinch and swell structure. It yielded gold values of up to 7.421 oz/t but widths are much narrower than previously indicated; the maximum being one-third of a metre. Wallrock is barren.

Seven diamond drill holes, totalling 332 m, were drilled to test the Lucky vein at depth. The best intersection, 0.75 m of 1.680 oz/t gold, was in hole L7 where some visible gold was noted. The drilling showed that the vein pinches and swells at depth as it does in the upper adit.

Reconnaissance mapping and prospecting of the property was conducted. The property is underlain by metavolcanic rocks of the Karmutsen Formation, Quatsino limestone and Bonanza Formation. Numerous intrusions of Jurassic age outcrop on the property. Fresher-looking intrusions may possibly be of Tertiary age. Spotty skarns at limestone contacts and narrow quartz veins in shear zones are common. A sphalerite occurrence at Triple Creek was discovered; however, gold and silver values in the rocks and soils are insignificant. A quartz vein was discovered at Suicide Creek ; it yielded up to 0.54 oz/t silver and up to 0.06 oz/t gold.

Sufficient work was conducted to evaluate the Lucky vein. It may be of interest to blast a trench to expose the sphalerite occurrence. The Suicide Creek area and the unstaked ground to the east may have some potential for additional vein discoveries.

2. INTRODUCTION

2.1 Property, Location, Access

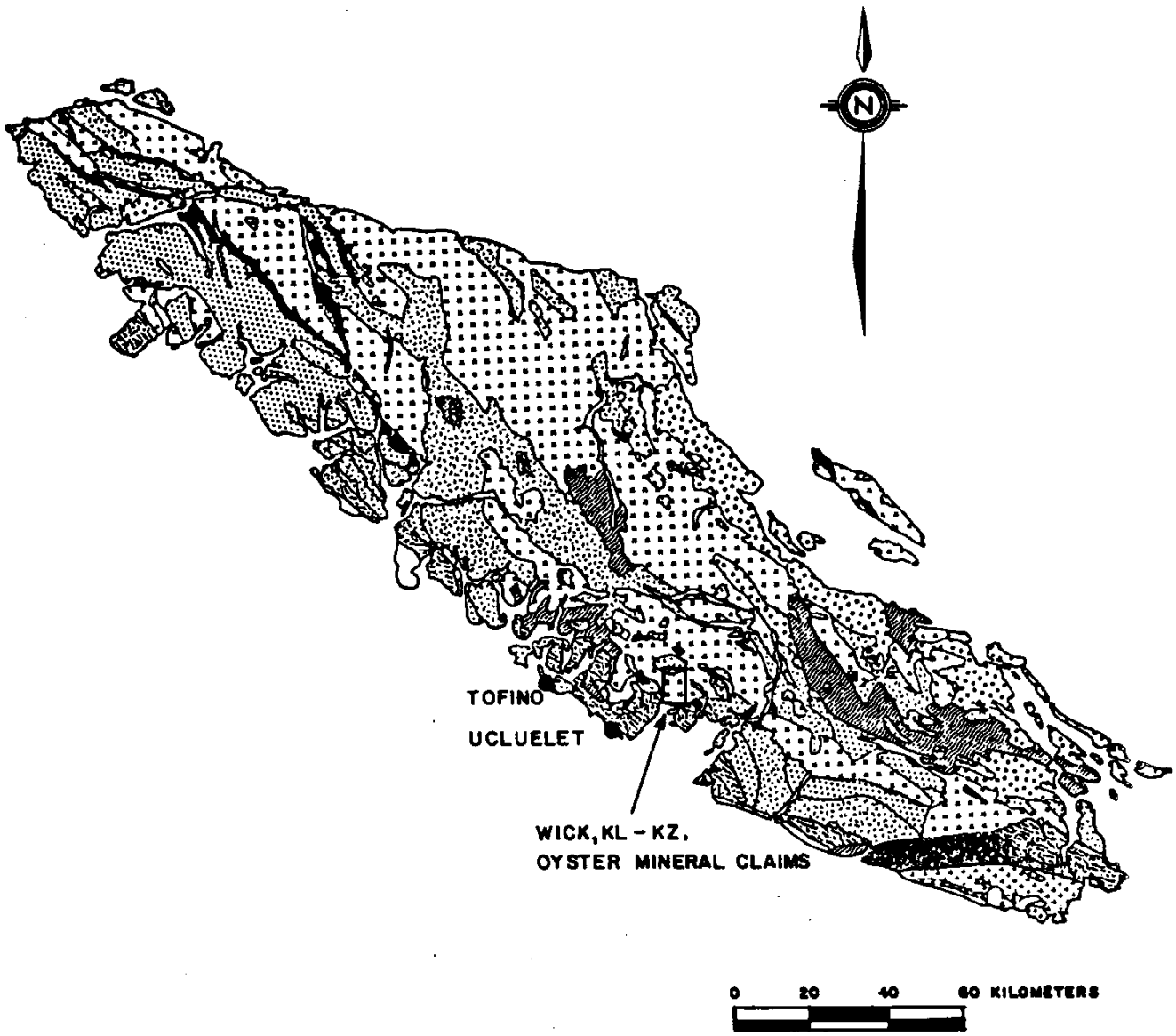
The WICK, LUCKY Group, KL to KZ and OYSTER mineral claims are 20 km northeast of Ucluelet, Vancouver Island (figure 1), centered at 49°03'N latitude and 125°17'W longitude within the National Topographic System map sheet 92F/3. The mineral claims, acquired in 1982 and 1983 by Electrum Resource Corporation and Victoria Resource Corporation, consist of 244 units in the Alberni Mining Division. Detailed information on the claim status and claim location is included in Table I and Figure 2.

The property is accessible by motor vehicle via the Coulson-Prescott logging road, by boat from Toquart Bay or by helicopter.

2.2 Previous Work

The area was first explored in the early 1900's. A gold-bearing quartz vein, then named the Red Rover and currently known as the Lucky vein, was discovered. In 1938, two adits were driven to test the gold-bearing structure. More work was done on the property in the 1940's and 1950's, however, details are not available.

In 1982, Electrum Resource Corporation staked the Wick, the Lucky Fractional and the KV, KX, KY and KZ mineral claims to cover the Lucky



LEGEND

	TERTIARY SEDIMENTS	MIDDLE TERTIARY		BONANZA SUBGROUP	EARLY JURASSIC
	TERTIARY INTRUSIONS	EARLY TO MIDDLE TERTIARY		QUATSINO, PARSON BAY FORMATIONS	LATE TRIASSIC
	TERTIARY VOLCANICS	EARLY TERTIARY		KARMUTSEN FORMATION	TRIASSIC
	LATE MESOZOIC SEDIMENTS	LATE JURASSIC TO CRETACEOUS		SICKER GROUP	LATE PALEOZOIC
	LEECH RIVER SCHIST	JURA - CRETACEOUS ?		METAMORPHIC COMPLEX	JURASSIC OR OLDER
	ISLAND INTRUSIONS	JURASSIC			

FIGURE 1 LOCATION
(GEOLOGY BY MULLER)

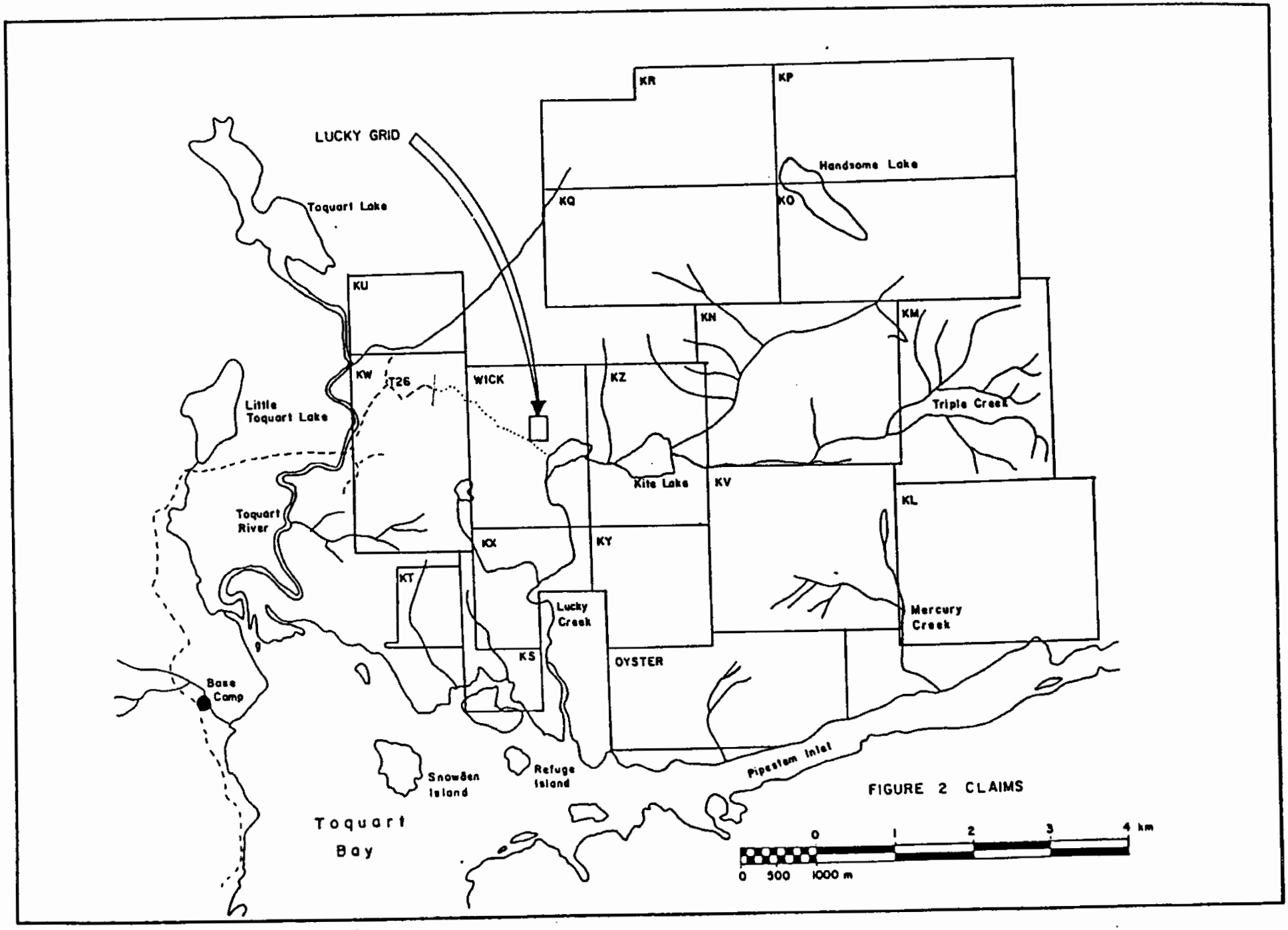


FIGURE 2 CLAIMS

vein. In 1983, Victoria Resource Corporation staked the open ground surrounding these claims and optioned Electrum Resource Corporation's mineral claims.

The work performed by Victoria Resource Corporation consisted of silt, soil and rock sampling programmes conducted during 1983 and 1984. The geochemical programme returned several anomalies for which follow-up was recommended. In May 1984, a two-week rock chip sampling programme on the Lucky vein was also conducted; the results confirmed that it is a gold-bearing structure.

In April 1985, Falconbridge Limited optioned all of the mineral claims from Victoria Resource Corporation. Follow-up work on the 1984 geochemical anomalies was contracted to Sam Zastavnikovich, the geochemist who conducted the 1983 and 1984 geochemical programmes on behalf of Victoria Resource Corporation. The work consisted of contour soil sampling in the areas of anomalous silt samples, and additional silt and rock sampling. The geochemical results from the soil samples failed to return significant anomalies. However, three silts from the KM mineral claim (in this report referred to as the Triple Creek area) returned gold values of 21 ppb, 94 ppb and 210 ppb. Further work was recommended to explain the source of these anomolies. In 1984, two rock samples from the southwest corner of the KT mineral claim returned anomalous gold values of 470 ppb and 1380 ppb; these were not investigated during the geochemical programme in 1985.

In May 1985, Falconbridge Limited contracted Aerodat Limited to perform 400 line kilometres of airborne geophysics. As of the date of this report, the geophysical report with EM, magnetic, resistivity and VLF-EM maps is not available.

TABLE I

MINERAL CLAIMS

CLAIM NAME	RECORD NO.	EXPIRY DATE	GROUP
KL	1865	Oct. 7, 1986	PIPESTEM
KM	1866	Oct. 7, 1986	PIPESTEM
KN	1867	Oct. 7, 1986	PIPESTEM
KO	1870	Oct. 7, 1986	PIPESTEM
KP	1868	Oct. 7, 1986	HANDSOME
KQ	1869	Oct. 7, 1986	HANDSOME
KR	1871	Oct. 7, 1986	HANDSOME
KS	1818	Aug. 2, 1987	KST
KT	1819	Aug. 2, 1987	KST
KU	1820	Aug. 2, 1987	WICK
KV	1775	May 31, 1987	PIPESTEM
KW	1821	Aug. 2, 1987	WICK
KX	1555	Nov.24, 1987	WICK
KY	1556	Nov.24, 1986	WICK
KZ	1557	Nov.24, 1987	WICK
OYSTER I	1864	Oct. 7, 1986	PIPESTEM
WICK	1441	Oct. 7, 1987	WICK
LUCKY 81	1365	Oct. 7, 1989	WICK
LUCKY 82	1366	Oct. 7, 1989	WICK
LUCKY FR	1369	Oct. 7, 1988	WICK
LUCKY 2 FR	1370	Oct. 7, 1988	WICK

2.3 1985 Exploration Programme

The 1985 exploration programme commenced on May 14. A five-man base camp was established on a landing just off the Coulson-Prescott logging road, 2 km north of the gate at Toquart Bay.

The initial phase of the programme included cutting and surveying a 300 m base line parallel to the Lucky vein. Sixteen crosslines, each 200

m long, were flagged using a compass and hip chain for control. The lines were 20 m apart with stations marked at 10m intervals. VLF-EM and magnetometer surveys, soil and rock sampling and geological mapping were conducted on the grid. The Lucky vein adits were surveyed using a transit. Channel sampling underground was also conducted in order to confirm the 1984 gold assays and widths. Seven diamond drill holes, totalling 332 m, were drilled to test the gold-bearing Lucky vein at depth.

Access to the Lucky grid was obtained via the main Coulson-Prescott logging road to branch T26 and a 2 km long foot trail to the Lucky vein.

Reconnaissance prospecting/mapping traverses were conducted from two-man fly-camps in the Triple Creek and Handsome Lake areas. The islands and shoreline of Toquart Bay and Pipestem Inlet were accessed by boat from the Toquart Bay boat launch. The remainder of the area offered only few helicopter landing sites, thus limiting coverage.

Most of the area was extremely rugged, rising quickly from sea level to 1247 m elevation. Virgin timber, heavy underbrush and abundant deadfall made most of the area barely passable. The steep terrain made many areas completely inaccessible.

Towards the end of the field season, two small grids were surveyed at Triple Creek and on the KT claim for soil sampling control. A VLF-EM survey was also conducted on the Triple Creek grid.

The exploration programme required approximately fifty hours of helicopter time. It was provided, at casual use rates, by Long Beach Helicopters Limited based in Ucluelet.

The field work was completed and the crew demobilized on August 31st.

3. REGIONAL GEOLOGY

Vancouver Island is a part of an allochthonous arc complex composed of two major groups of volcanic/sedimentary rocks; one of upper Paleozoic, the other of lower Mesozoic age (figure 1). At least two episodes of plutonism occurred; one in Middle to Late Jurassic, the other in Tertiary time.

4. PROPERTY GEOLOGY

Selected portions of the property were mapped at 1:10,000 scale using a compass, hip chain and altimeter for control, (figures 3 and 4).

The oldest rocks exposed on the property are basaltic to andesitic metavolcanics of the Karmutsen Formation, which forms the basal part of the Vancouver Group. The rocks are dark green on fresh surfaces but commonly weather buff. They consist of porphyritic amygdaloidal flows, fine grained flows and brecciated flows. Flow banding and pillow structures were noted occasionally. The phenocrysts in the flows are plagioclase, often epidotized, and augite often altered to chlorite. Epidote and chlorite are ubiquitous in the formation, often filling vesicles. Disseminated pyrite, up to 2 percent, is very common. Magnetite occurs in some flows. Hematite imparts a red colour to the rocks locally. The sequence appears fairly monotonous and attitudes are not noticable in outcrops.

The upper part of the Karmutsen Formation occasionally includes narrow tuff and limestone beds. Most of the Karmutsen Formation resulted

TABLE II

TABLE OF FORMATIONS OF VANCOUVER ISLAND

SEQUENTIAL LAYERED ROCKS

	PERIOD		STAGE	GROUP	FORMATION	SYMBOL	AVE. THICK. (m)	LITHOLOGY
CENOZOIC					late Tert. volcs of Port McNeill	Tvs		
					SOOKE BAY	mpTss		conglomerate, sandstone, shale
			EOCENE to		CARMANAH	eoTc	1,200	sandstone, siltstone, coglomerate
			OLIGOCENE		ESCALANTE	eTe	300	conglomerate, sandstone
			early EOCENE		METCHOSIN	eTm	2,000	basaltic lava, pillow lava, breccia, tuff
MESOZOIC		LATE	MAESTRICHTIAN	NANAIMO	GABRIOLA	uKGa	350	sandstone, conglomerate
					SPRAY	uKs	200	shale, siltstone
			CAMPANIAN		GEOFFREY	uKG	150	conglomerate, sandstone
					NORTHUMBERLAND	uKN	250	siltstone, shale, sandstone
					DE COURCY	uKDC	350	conglomerate; sandstone
					CEDAR DISTRICT	uKCo	300	shale, siltstone, sandstone
					EXTENSION - PROTECTION	uKEP	300	conglomerate, sandstone, shale, coal
					HASLAM	uKH	200	shale, siltstone, sandstone
			SANTONIAN		COMOX	uKC	350	sandstone, conglomerate, shale, coal
		EARLY	CENOMANIAN	QUEEN	Conglomerate Unit	lKoc	900	conglomerate, greywacke
			ALBIAN	CHARLOTTE	Siltstone Shale Unit	lKop	50	siltstone, shale
			VALANGINIAN BARREMIAN		LONGARM	lKL	250	greywacke, conglomerate, siltstone
	JURASSIC	MIDDLE	TITHONIAN CALLOVIAN		Upper Jurassic Sediment Unit	uJs	500	siltstone, argillite, conglomerate
		EARLY	TOARCIAN?	BONANZA	Volcanics	lJs	1,500	basaltic to rhyolitic lava, tuff, breccia, minor argillite, greywacke
			PLIENSBACHIAN SINEMURIAN		HARBLEDOWN	lJH		argillite, greywacke, tuff
	TRIASSIC	LATE	NORIAN	VANCOUVER	PARSON BAY	uTrPs	450	calcareous siltstone, greywacke, silty-limestone, minor conglomerate, breccia
			KARNIAN		QUATSINO	uTrQ	400	limestone
					KARMUTSEN	muTrK	4,500	basaltic lava, pillow lava, breccia, tuff
		MID	LADINIAN		Sediment - Sill Unit	Tds	750	metasiltstone, diabase, limestone
PALEOZOIC	PENN. and ? PERM.			SICKER	BUTTLE LAKE	CPBL	300	limestone, chert
					MYRA	CPSs	600	metagreywacke, argillite, schist, marble
					NITINAT	CPSv	2,000	basaltic to rhyolitic metavolcanic flows, tuff, agglomerate
	DEV. or EARLIER							

CRYSTALLINE ROCKS, COMPLEXES OF POORLY DEFINED AGE

NAME	SYMBOL	ISOTOPIC AGE Pb/U	ISOTOPIC AGE K/Ar	LITHOLOGY
SOOKE INTRUSIONS silicic	Tg		32-59	quartzdiorite, trondhjemite, agmatite, porphyry
SOOKE INTRUSIONS basic	Tgb		31-49	gabbro, anorthosite, agmatite
METCHOSIN SCHIST, GNEISS	TMn		47	chlorite schist, gneissic amphibolite
LEECH RIVER FM.	JKL		38-41	phyllite, mica schist, greywacke, argillite, chert
PACIFIC RIM COMPLEX	JKP			greywacke, argillite, chert, basic volcanics, limestone
ISLAND INTRUSIONS	Jg		141-181	granodiorite, quartzdiorite, granite, quartz monzonite
WESTCOAST COMPLEX silicic	PMns	264	163-192	quartz-feldspar gneiss, metaquartzite, marble
WESTCOAST COMPLEX basic	PMnb			hornblende-plagioclase gneiss, quartz diorite, agmatite, amphibolite
diabase sills	P$b			
metavolcanic rocks	PMmv			metavolcanic rocks, minor metasediments; limestone, marble
TYEE INTRUSIONS	Pg	>390		metagranodiorite, metaquartzdiorite, metaquartz porphyry
COLQUITZ GNEISS	Pns	>390		quartz feldspar gneiss
WARK DIORITE GNEISS	Pnb	>200	63-165	hornblende-plagioclase gneiss, quartz diorite, amphibolite

from submarine volcanism; the uppermost portion was probably deposited in shallow water.

The Quatsino Formation overlies the Karmutsen Formation. It is exposed along logging road T26; on the east side of Triple Creek at about 400 m elevation and on the west side of Handsome Lake. The Quatsino Formation is comprised of light to dark gray, commonly massive or thick-bedded limestone. The limestone appears nearly flat to gently dipping. No fossils were noted in it. The limestone is brecciated and frequently recrystallized at contacts with granitic intrusions. Small fault-bounded blocks of limestone, completely recrystallized to marble, were noted rarely. The limestone lacks sulphide mineralization except in spotty skarns at the contacts.

Overlying the Quatsino Formation is a package of thin-bedded calcareous sedimentary rocks comprised of mudstone, argillite, siltstone and sandstone, that outcrop on the east side of the Triple Creek area and on the KW mineral claim. These sedimentary rocks may be equivalent to the Parson Bay Formation or the basal portion of the Bonanza Formation.

Stratigraphically above the sedimentary package is a sequence of light green pyroclastic rocks and minor flows of Bonanza Formation. Upsection the flows appear to dominate. The fragments in the flows consist of bombs and blocks; although conspicuous on weathered surfaces, they are less obvious on fresh surfaces because they appear to be of the same composition as the matrix. Hematitic staining is common. Compositionally, the rocks of the Bonanza Formation are andesitic to dacitic.

On the southwest side of Handsome Lake, siliceous, gray intermediate

to possibly felsic rocks occur as sills and flows within and stratigraphically above the Quatsino limestone. Flow banding is noted rarely. The rocks frequently contain feldspar phenocrysts, mafic minerals and occasionally epidote-filled amygdules. Disseminated pyrite comprises less than one percent. Hematite staining is occasionally present. Some flows often exhibit crude columnar jointing. These siliceous volcanic rocks may be part of the Bonanza Formation or related to Jurassic intrusions which post-date the Bonanza Formation.

Intrusive rocks consist of granite, quartz monzonite, granodiorite, diorite, quartz diorite and gabbro dykes, sills, plugs and stocks. Most commonly, the rocks are massive, medium to coarse-grained and equigranular, although a porphyritic phase of granodiorite was noted. In addition, quartz feldspar porphyry and feldspar porphyry dykes/sills were also noted. Mafic minerals consist of hornblende, biotite and chlorite. Most rocks contain some disseminated pyrite.

The fresher-looking granite and quartz monzonite on Snowden and Hillier Islands may be younger Tertiary intrusions, whereas the others are probably of Jurassic age.

4.1 Lucky Grid

The Lucky grid covers an area of 200 m by 300 m underlain by the Karmutsen metavolcanic rocks (figure 5). The rocks consist of massive mafic flows that are often porphyritic and/or amygdaloidal. Plagioclase and chlorite phenocrysts and epidote/quartz filled amygdules are abundant. Epidotized mafic fragments are common in some flows. Brecciated mafic flow rocks are common, especially in the area around the adits. The fragments usually have concentric rings of clays, epidote, chlorite and

calcite (see thin section report in Appendix III). Larger domains of epidote and hematite rich porphyritic amygdaloidal rocks may be large blocks incorporated into the flow or possibly thin flows. Possible selvages of a pillow were noted in one outcrop on the Lucky grid.

The flows were not subdivided because of limited surface exposure. They appear massive with no attitudes evident in outcrop. Only attitudes of contacts with intrusions and quartz/calcite veins were noted.

Dykes/sills of granodiorite, feldspar porphyry and quartz feldspar porphyry outcrop on the grid. These are usually up to 5 m in width and are most common in the northwest part of the grid. One outcrop of diabase was noted on line 1+00N, 15 m east of the base line.

The Lucky vein is a fault-controlled gold-bearing structure. It generally strikes northerly and dips steeply to the east; towards the end of the upper adit, it becomes vertical to steep westerly dipping (figure 8). The vein pinches and swells along its strike length attaining a maximum width of one-third of a metre, although most often only a shear zone is noticable. The Lucky vein is composed mostly of quartz, often drusy type, and locally calcite pods. Some small cross-cutting veinlets are composed of calcite only. The hanging wall and footwall consist of locally sheared brecciated mafic flows, fine grained flows, and one dyke/sill of quartz feldspar porphyry. The vein cuts all of these rocks indicating that it is the youngest event. Wall rock inclusions within the vein are common.

Shallow slickensides, dipping 9 - 15 degrees to the south, reflect the latest movement on the fault; some occur within the quartz vein with

fault gouge indicating post-vein movement. Altered wall rock consists of clays, chlorite, epidote and locally calcite. Silicification also occurs locally. However, because chlorite and epidote are ubiquitous in the Karmutsen Formation a distinct alteration envelope is not apparent. There is a definite lack of sulphide mineralization. Where present, sulphides consist of up to two percent pyrite and traces of chalcopyrite. Pyrite occurs as disseminations in the wall rocks and as blebs within the vein. Some visible gold was noted in an old trench on the grid.

Other narrow veins, with attitudes similar to that of the Lucky vein, occur on the grid but do not carry noteworthy gold values. All of the veins on the grid occur in shear zones.

4.2 Handsome Lake

The southwest side of Handsome Lake is dominated by intermediate to possibly felsic siliceous volcanic rocks which are occasionally flow-banded (figure 4). They occur as sills or flows within the limestone and stratigraphically above it. These volcanic rocks may be part of the Bonanza Formation or perhaps related to the granite/granodiorite stock to the south and west.

Limestone, believed to be of the Quatsino Formation, often forms large cliffs but shows no bedding features due to extensive recrystallization and brecciation. A bedded tuff, with attitude 315°/40° NE, occurs as a single outcrop in the limestone near its contact with intermediate to felsic siliceous volcanic rocks. If it is indicative of the bedding attitude then the limestone sequence may be over 500 m thick.

The area to the south of Handsome Lake is underlain by

metavolcanic rocks of the Karmutsen Formation. No bedded rocks, distinguishable flows or structural features were noted in the Karmutsen Formation

Granodiorite dominates to the north of Handsome Lake.

Numerous faults appear to post-date all of the rocks; the latest movement appears to be strike-slip. Westerly trending faults appear younger than northeasterly and northwesterly trending faults. Most contacts between the Karmutsen Formation and the granitic intrusions are faults. A northeast trending fault south of Handsome Lake separates the Karmutsen metavolcanic rocks from the intermediate to felsic volcanic rocks and the granodiorite.

Mineralization is limited to numerous but spotty skarns. Magnetite, hematite, pyrite, chalcopyrite, malachite and bornite are present. Disseminated pyrite is common to all rocks except limestone. Gossanous volcanic rocks to the north of Handsome Lake contain abundant pyrite, locally up to 40 percent. Magnetite is disseminated in the granodiorite, diorite and mafic volcanic rocks. Small quartz/calcite veins, occasionally pyritiferous, occur in the area; none are gold-bearing.

4.3 Triple Creek

Karmutsen Formation metavolcanic rocks dominate in the northwest portion of the Triple Creek area. Toward the southeast, these rocks change from submarine flows to interbedded submarine flows, thinly bedded limestone and tuff. This change from primarily volcanic to mixed volcanic, marine sedimentary and pyroclastic units is characteristic of the upper Karmutsen formation.

Stratigraphically above the Karmutsen Formation is a sequence of limestone, up to 400 metres thick, believed to be Quatsino Formation. The limestone is generally massive with minor thinly-bedded argillaceous units; in one location, a five metre reef structure was noted.

A thinly-bedded, carbonaceous, calcareous mudstone-siltstone sequence, up to 75 metres in thickness, overlies the Quatsino limestone. It may be equivalent to the Parson Bay Formation or basal Bonanza Formation. An upward gradation into mixed sedimentary/pyroclastic rocks and a thick section of flows and tuffs marks the transition into the volcanic division of the Bonanza Formation. The volcanic rocks of the Bonanza Formation appear to be andesitic to dacitic in composition. Hematitic tuffs and flows are common.

Numerous diorite, feldspar porphyry and quartz feldspar porphyry intrusions were noted as dykes, commonly in fault zones. Most intrusions that are not fault associated are easterly trending. A lack of intrusions in the Bonanza Formation may indicate that most intrusions pre-date this formation. However, one granitic intrusion was noted in the Bonanza Formation; it may be of Tertiary age.

Faulting is common in the Triple Creek area. Shallow dipping slickensides indicate strike-slip movement. Most faults strike westerly to northwesterly.

Folding is observed rarely. Bedded rocks generally strike northeasterly and dip to the southeast.

Mineralization in the Triple Creek area is usually confined to skarn zones, veining and silicified zones. Pyrite, chalcopyrite and minor

sphalerite are common. The only noteworthy mineralization is the Sphalerite Occurrence (figures 10 to 14). The occurrence is fault/skarn related. The host appears to be a fine grained mafic volcanic rock. Other small skarns were noted at contacts of diorite and limestone.

Quartz/calcite veins up to 25 cm in width were encountered in the Triple Creek area. Only pyrite was noted in them. The veins are fault-controlled and commonly pinch and swell. They were noted only in the Karmutsen Formation.

Only minor silicification was noted. Silicified mafic volcanic rocks usually contain pyrite and are barren of precious metals.

5. GEOPHYSICS

5.1 Lucky Grid

5.1.1 VLF-EM Survey

A VLF-EM survey was conducted on the grid using a Geonics VLF-EM 16 unit. The data are presented in Figure 6. Lack of response over the Lucky vein indicates that it is a very tight shear zone. A prominant northwesterly trending structure in the southern portion of the grid is coincident with a major creek and, as mapped by Muller, a major fault. Three northeasterly trending anomalies may be indicative of lithological contacts.

5.1.2 Magnetometer Survey

A ground magnetometer survey was conducted on the grid using a Barringer Geophysics GM122 proton magnetometer. Contoured data are

presented in Figure 5. No magnetic response was encountered over the Lucky vein. Several north-northeasterly trending magnetic anomalies may be related to magnetite-bearing mafic flows or unexposed intrusions.

5.2 Sphalerite Occurrence - Triple Creek

5.2.1 VLF-EM Survey

A VLF-EM survey was conducted on the grid using a SABRE-MODEL 27 VLF-EM unit. The data are presented in Figure 12. There is a week cross-over at 1+00 N and 30W, 110 metres northwest of the Sphalerite Occurrence.

6. GEOCHEMISTRY

Soil, silt and rock samples, totalling 1141, were shipped by bus to Acme Analytical Laboratories Limited in Vancouver. Thirty element ICP analyses, Au and Ag by fire assay, geochemical analyses for Au and Hg, and geochemical whole rock analyses were performed on specific samples. Descriptions of laboratory procedures follow:

Sample Preparation

1. Soil samples were dried at 60 C and sieved to -80 mesh.
2. Rock samples were pulverized to -100 mesh.

Geochemical Analysis by ICP

A 0.5 gram sample was digested in hot dilute aqua regia in a boiling water bath and diluted to 10 ml with demineralized water. Extracted elements were determined by Inductively Coupled Argon Plasma (ICP). The elements include: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cu, Cr, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W and Zn.

Geochemical Analysis for Au

A 20.0 gram sample was subjected to Fire Assay preconcentration techniques to produce a silver bead. The silver bead was dissolved and Au was determined in the solution by graphite furnace Atomic Absorption. Detection limit was 1 ppb.

Geochemical Analysis for Hg

A 0.5 gram sample was digested with aqua regia and diluted with 20 percent HCl. Hg in the solution was determined by cold vapour AA using a F & J scientific Hg assembly. An aliquot of the extract was added to a stannous chloride/hydrochloric acid solution. The reduced Hg was swept out of the solution and passed into the Hg cell where it was measured by AA.

Geochemical Whole Rock Analysis

A 0.1 gram sample was fused with 0.6 gm LiBO2 and dissolved in 50 mls of 5 percent HNO. Analysis was by ICP or M.S. ICP gives excellent precision for major components. The M.S. can analyze for up to 50 elements.

Fire Assay for Au and Ag

Standard fire assay techniques were used.

6.1 Lucky Grid

6.1.1 Soil Geochemistry

A total of 341 soil samples were taken at 10 m intervals; nine were duplicates to confirm anomalies. Thirty-seven of these returned Au values equal to or greater than 10 ppb (figure 7). Nineteen samples were in the 10-19 ppb range, five in 20-29 ppb, two in 30-39 ppb, one in 40-49 ppb, two in 60-69 ppb, one in 70-79 ppb, one in 90-99 ppb and four in 100-199 ppb range. Two soil samples yielded anomalous gold values of 590 ppb and 730 ppb. The first occurs in the area of old workings where contamination is likely; the other in the vicinity of a small vein which attains maximum width of 0.16 m. The vein occurs in a shear zone with attitude similar to that of Lucky vein. Channel samples failed to return anomalous gold values. The other anomalies are isolated and probably related to small quartz veins in shear zones.

ICP results (Appendix II) show that there is a lack of correlation between gold and other elements.

6.1.2 Rock Geochemistry

Thirty-three rock samples were taken from the adit and on the Lucky grid. The channel samples from the adit were taken to confirm 1984 results; these carry 1984 identification numbers for comparison purposes. The results confirmed that the Lucky vein is a gold-bearing structure; the highest assay was 7.421 oz/t from a 0.18 cm channel sample (figure 8). However, the widths of Lucky vein were narrower than indicated in 1984; the maximum width being about one-third of a metre. The vein pinches and

often only the shear zone is noted. All of the wall rock samples taken failed to return significant gold values.

The geochemical results indicate that there is a positive correlation between gold and silver (Appendix II).

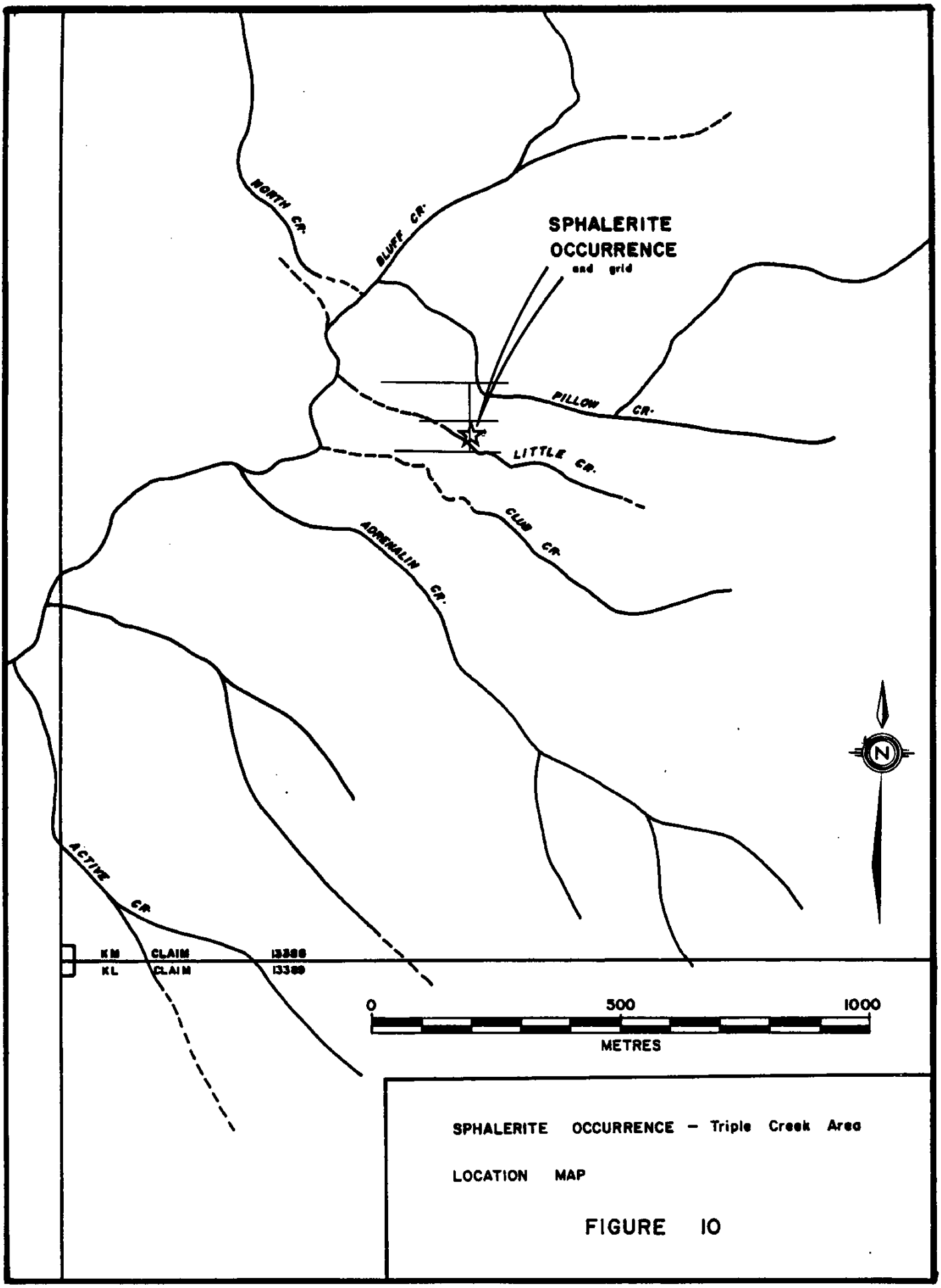
6.2 Sphalerite Occurrence - Triple Creek

6.2.1 Soil Geochemistry

Forty-two soil samples were taken on the grid. One returned 35 ppb gold; the remainder were in the 1-6 ppb range (figure 14). The sample with the elevated gold value is 30 m northwest of the Sphalerite Occurrence; the anomaly is isolated and probably insignificant. The highest zinc value of 748 ppm was a couple of metres north of the Sphalerite Occurrence and obviously related to it (figure 13). No other significant base metal values were noted (Appendix II).

6.2.2 Rock Geochemistry

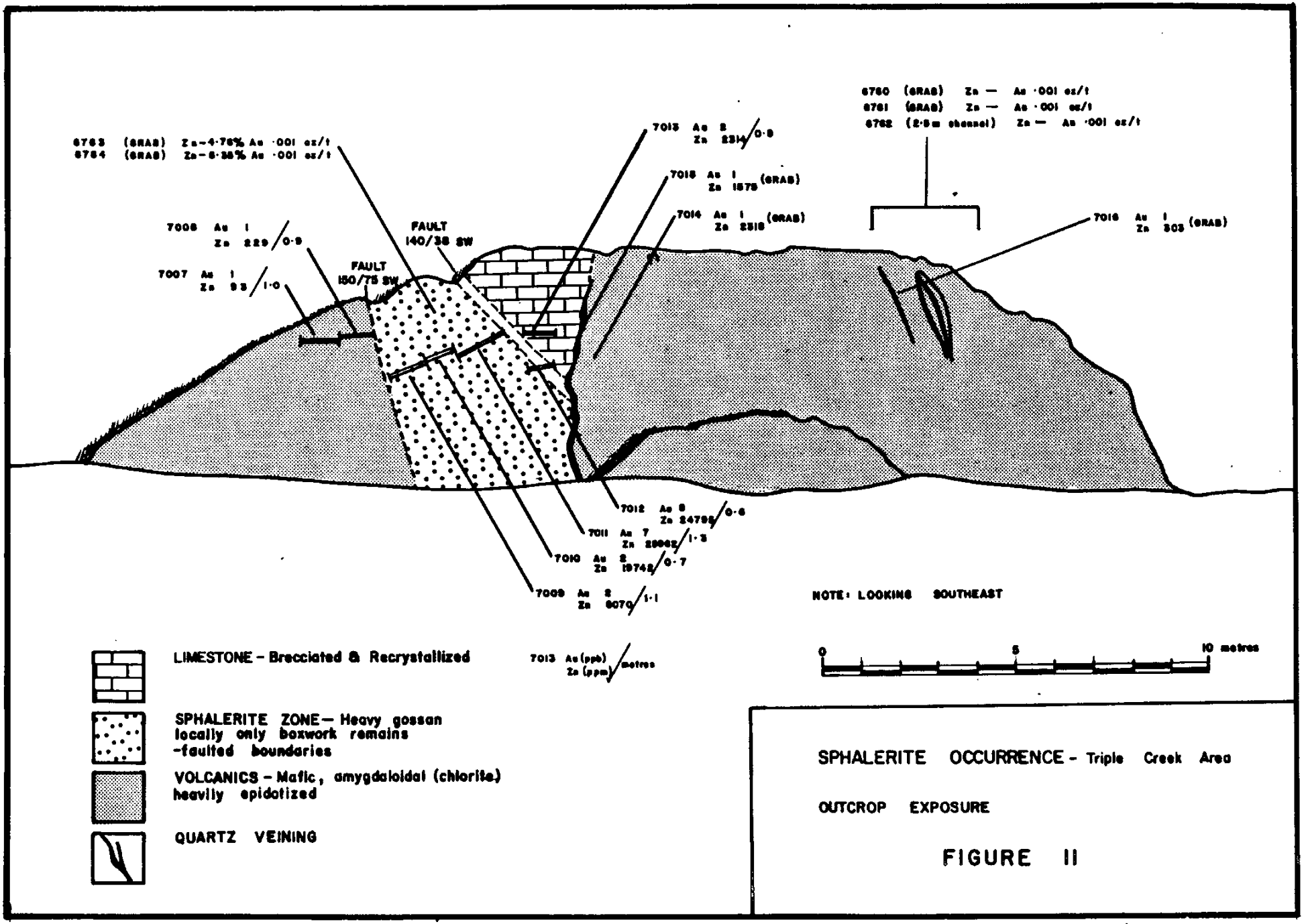
Eight channel samples and seven grab samples were taken from the Sphalerite Occurrence (figure 11). The highest result of 6.35 percent zinc came from a grab sample. Channel samples returned much lower values. Gold and silver values associated with zinc are insignificant.



SPHALERITE OCCURRENCE – Triple Creek Area

LOCATION MAP

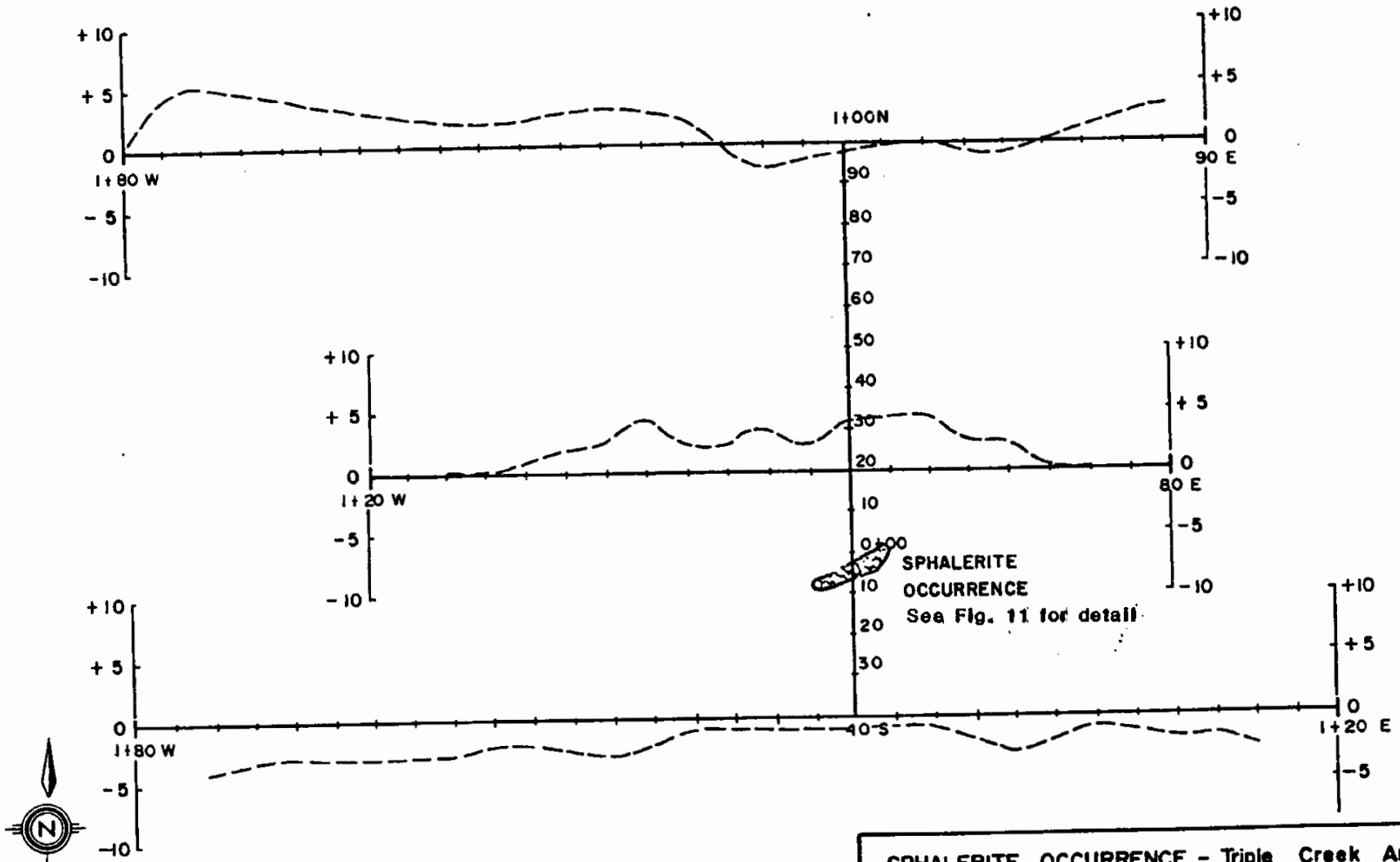
FIGURE 10



SPHALERITE OCCURRENCE - Triple Creek Area

OUTCROP EXPOSURE

FIGURE II



0 50 100 Metres

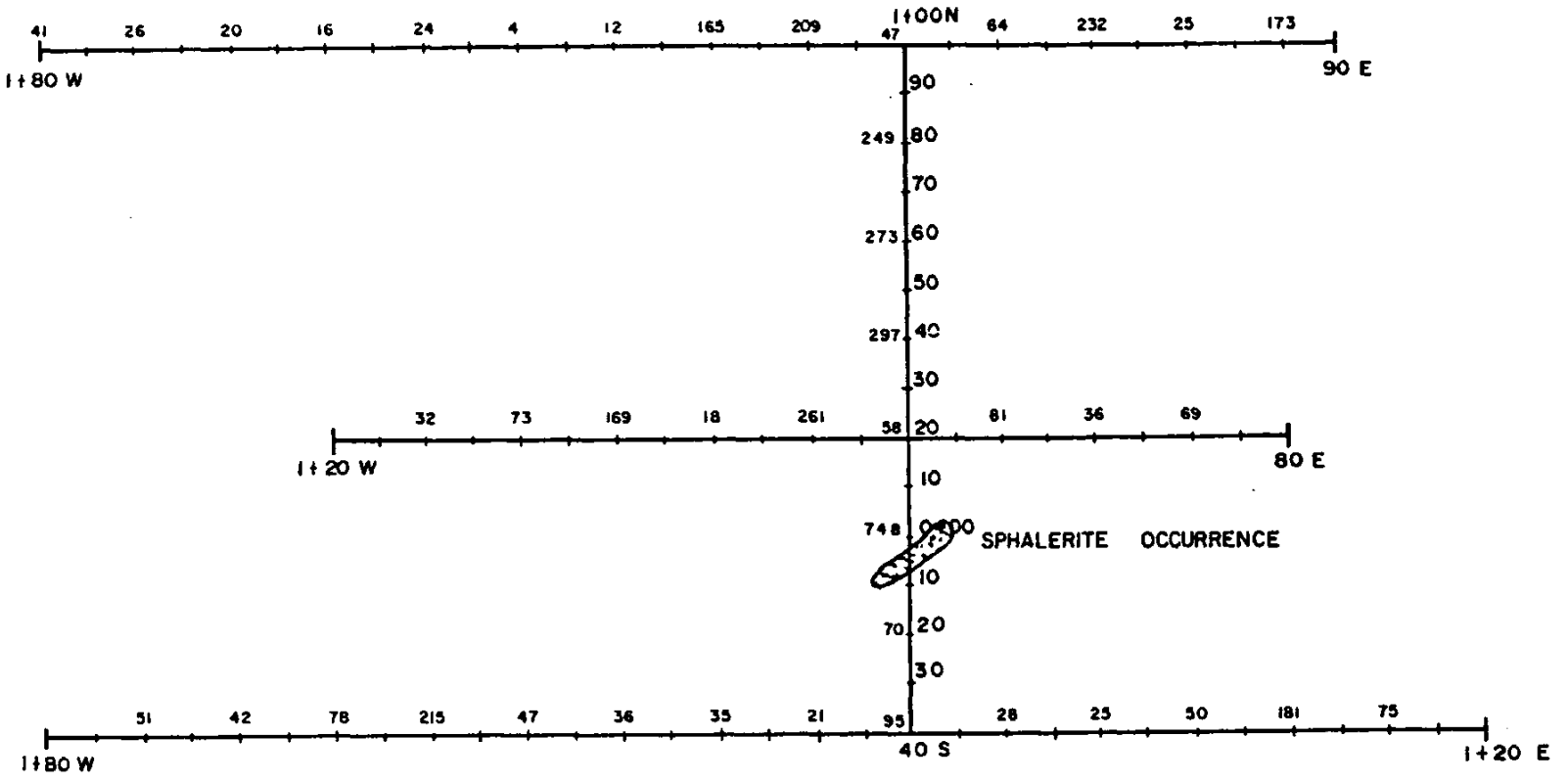
SCALE 1:1,500

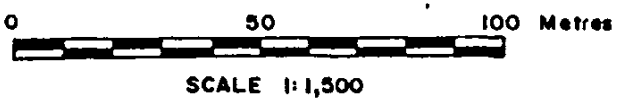
SPHALERITE OCCURRENCE - Triple Creek Area

SABRE - MODEL 27 VLF EM SURVEY

INPHASE DIP ANGLE PROFILE ----

FIGURE 12





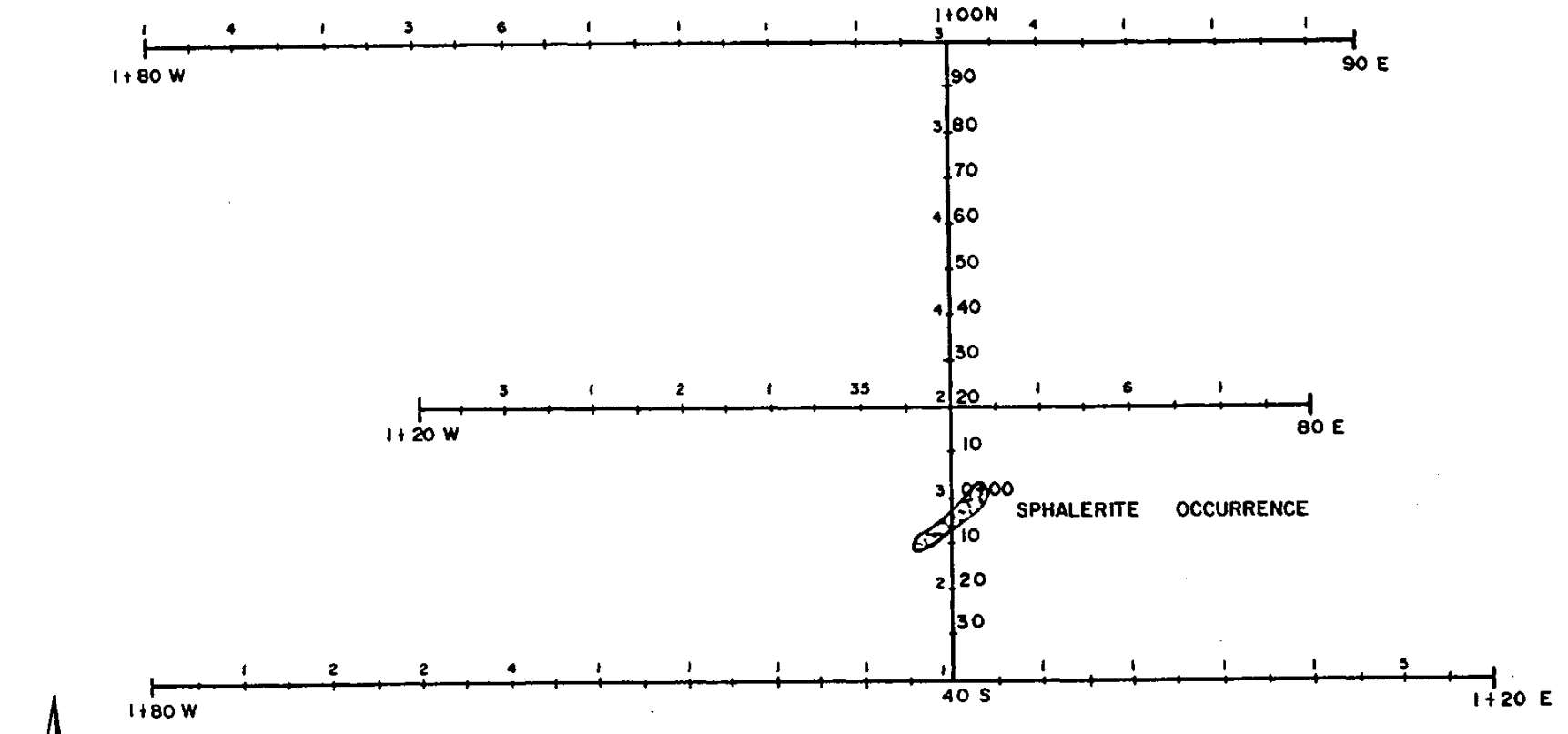
SCALE 1:1,500

SPHALERITE OCCURRENCE - Triple Creek Area

SOIL GEOCHEMISTRY - ZINC

(ppm)

FIGURE 13



0 50 100 Metres

SCALE 1:1,500

SPHALERITE OCCURRENCE - Triple Creek Area

SOIL GEOCHEMISTRY - GOLD

(ppb)

FIGURE 14

6.3 KT Mineral Claims

6.3.1 Soil Geochemistry

One hundred and two soil samples were taken on two 1 km long contour lines (figure 3). The purpose was to follow-up 1984 gold anomalies of 470 ppb and 1380 ppb in rock samples. Only two soil samples returned elevated gold values of 31 ppb and 1500 ppb; both are on Crown Grant L538, owned by Viva Ventures. The latter is by an old trench that contains a narrow quartz vein.

6.3.2 Rock Geochemistry

Twenty-one rock samples were taken in the KT mineral claim area. Only two returned elevated gold values of 145 ppb and 300 ppb, both from the Pride of the West vein on Viva Ventures' property.

6.4 Reconnaissance

6.4.1 Rock Geochemistry

A total of 375 rock samples was taken during the reconnaissance prospecting and mapping traverses of the remainder of the mineral claims and surrounding area. Thirty of these returned elevated gold values; one an elevated mercury value. However, only assays from Suicide Creek samples are significant. The assays are included in Appendix II; sample sites in figures 3 and 4.

Sixteen samples of quartz vein from Suicide Creek float and outcrop, returned values of up to 0.06 oz/t Au, 0.54 oz/t Ag, 1.99 percent Zn and 1.23 percent Cu (Figure 4). The highest values were from the float. The vein is a westerly trending structure, which outcrops in cliff faces and

appears to be a maximum width of one-third of a metre. It pinches and swells in the same fashion as the Lucky vein.

A small quartz vein on the shoreline of Pipestem Inlet yielded up to 110 ppb Au.

North of Handsome Lake, two grab samples from small skarns returned 0.010 oz/t and 24 ppb gold. Shear zones in the rusty volcanic rocks yielded 0.004 oz/t and 52 ppb Au. Some elevated copper values are also present in the skarns.

East of Lucky Creek an isolated gold anomaly of 395 ppb occurs in a silicified intermediate volcanic rock next to a diorite contact.

Northwest of Lucky grid, two samples of quartz vein returned 0.005 oz/t and 0.014 oz/t gold. The veins, up to one-third of a metre in width, are similar to the Lucky vein.

Northeast of Kite Lake, a float of chalcopyrite and pyrite rich mafic volcanic rock yielded 14 ppb gold.

In the rock cut on KW mineral claim, one sample of pyrite-bearing sedimentary rock yielded 15 ppb gold. In the same area another rock sample from a shear zone, with minor cinnabar, returned 4000 ppb Hg.

At the mouth of Lucky Creek, two samples of rusty mafic volcanic rocks yielded 35 ppb and 37 ppb gold.

6.4.2 Silt Geochemistry

Eight grab silt samples were taken to check 1984 and 1985 gold and mercury anomalies. The results are in Appendix II; sample sites in figure

4. Three samples from Triple Creek and two from Suicide Creek did not confirm earlier gold anomalies. Three samples from Mercury Creek returned 80 ppb, 140 ppb and 500 ppb Hg; much lower than the 1984 result of 47,500 ppb Hg from panned samples. Elevated mercury values are probably related to cinnabar in shear zones as noted on the KW mineral claim. In addition, cinnabar occurrences in shear zones also exist at the entrance to Sechart Channel, immediately south of Pipestem Inlet (Stevenson, 1940).

7. DIAMOND DRILLING

The drilling was performed by Drilcor Industries Limited between June 24 and July 7, 1985. The drill was transported by truck to a logging road landing from where it was slung by helicopter to already prepared drill sites. A hydrowinkie drill, modified by Drilcor Industries Limited, was used to obtain BQ core. Recovery was excellent.

Seven holes, totalling 332 m, were drilled to evaluate the Lucky vein at depth. Three parallel sections and one oblique section were drilled (figures 8 and 9).

The Lucky vein is a northerly trending fault-controlled structure. Abundant slickensides and fault gouge were noted in the core. Sulphide content is up to 2 percent pyrite with traces of chalcopyrite. Some visible gold was noted in hole L7.

The wall rock consists of Karmutsen Formation mafic metavolcanic rocks, which are intruded by dykes/sills of quartz feldspar porphyry, feldspar porphyry and augite porphyry. The Karmutsen Formation is

comprised of porphyritic and/or amygdaloidal flows, fine grained flows and mafic volcanic breccia. The phenocrysts in the flows are plagioclase, often epidotized, and chlorite after augite. The amygdules are filled with quartz and epidote.

The most dominant rock type in the core is the mafic volcanic breccia. It consists of fragments with alteration rings of clays, epidote, chlorite and calcite. Larger domains of amygdaloidal mafic volcanic rocks within the breccia are either large blocks or possibly thin flows. These domains often contain some plagioclase phenocrysts; the matrix is commonly red because of hematite staining.

Several narrow veins, composed of quartz and/or calcite, were intersected (figures 8 and 9). The wall rock around the veins is often bleached to a buff colour. Bleached zones are up to one third of a metre in width; however, most commonly they are less than 5 cm.

The Lucky vein and at least 10 metres of foot wall and 10 metres of hanging wall were split and sampled at intervals of one metre or less. In addition, all of the veins were sampled. Some random samples were taken of different lithological units to establish background values. A total of 204 samples was submitted for ICP analyses and fire assaying for gold and silver (Appendices II and III). Fifteen returned anomalous Au values; these are included in figures 8 and 9. Hole L3 intersected 0.46 m of 0.054 oz/t Au and 0.39 m of 0.832 oz/t Au. Hole L6 intersected 0.1 m of 0.918 oz/t Au and 0.2 m of 0.257 oz/t Au. Hole L7 intersected 0.75 m of 1.680 oz/t Au with some visible gold. There is positive correlation between gold and silver, although silver values do not exceed 0.15 oz/t. Base metal content is negligible.

All anomalous gold values are associated with quartz veins; wall rock is barren. Drill logs, including gold assays, are in Appendix IV.

8. CONCLUSIONS

The property is underlain by the Karmutsen, Quatsino and Bonanza Formations. Intrusions are abundant in the Karmutsen Formation but lack of them in the Bonanza Formation indicates that they probably predate the latter.

Small skarns and narrow quartz/calcite veins are ubiquitous on the property. The skarns occur at contacts with limestone; the veins in shear zones. The veining appears to post-date all the rocks.

Sufficient drilling was conducted to evaluate the Lucky vein. The results confirmed that it is a gold-bearing, pinch and swell, fault-controlled structure with narrow widths.

The quartz vein discovered at Suicide Creek is a westerly trending fault-controlled structure. The ratio of silver to gold is extremely high compared to the Lucky vein. In fact, the Suicide Creek vein resembles the Pride of the West vein on Viva Ventures' property.

9. RECOMMENDATIONS

Sufficient work was conducted to evaluate the Lucky vein. The results indicate that further work is not required.

It may be of interest to blast a trench to expose the Sphalerite

Occurrence at depth. However, it should be noted that 1985 gold and silver values from this occurrence were negligible.

The Suicide Creek area and unstaked ground to the east may have some potential for new vein discoveries. Further work should consist of limited reconnaissance prospecting and mapping.

REFERENCES

Bancroft, M.F., 1937: Gold-bearing Deposits on the West Coast of Vancouver Island between Esperanza Inlet and Alberni Canal; Geological Survey of Canada, Memoir 204.

Carson, D.J.T., 1973: The Plutonic Rocks of Vancouver Island; Geological Survey of Canada, Paper 72-44.

Eastwood, G.E.P., 1968: Geology of the Kennedy Lake Area; British Columbia Department of Mines and Petroleum Resources, Bulletin No. 55.

Eccles, L., 1984: Report on Rock Chip Sampling on the WICK Claims for Victoria Resource Corporation.

Eccles, L., 1984: Summary Report on the WICK and Adjoining Claims of Victoria Resource Corporation.

Muller, J.E. and Carson, D.J.T., 1969: Geology and Mineral Deposit of Alberni Map-area, British Columbia (92F); Geological Survey of Canada, Paper 68-50.

Muller, J.E., 1977: Geology of Vancouver Island (East Half); Geological Survey of Canada, O.F. 463.

Stevenson, J.S., 1940: Mercury Deposits of British Columbia; British Columbia Department of Mines, Bulletin No. 5.

Zastavnikovich, S., 1983: Geochemical Assessment Report On The KUW Group Claims; a report prepared for Victoria Resource Corporation.

Zastavnikovich, S., 1983: Geochemical Assessment Report on the KST Group Claims; a report prepared for Victoria Resource Corporation.

Zastavnikovich, S., 1984: Geochemical Report On The KL-KZ, WICK & OYSTER Claims; a report prepared for Victoria Resource Corporation.

Zastavnikovich, S., 1984: Geochemical Assessment Report on the PIPESTEM, HANDSOME, KST AND WICK Groups; a report prepared for Falconbridge Limited.

TOQUART BAY PROJECT - 1986

Breakdown of Costs

APRIL	-Field Preparation:	Salaries	$ 1,787
		Miscellaneous	1,405
MAY	-General Exploration:	Salaries	4,300
		Field Expenses	7,592
		Helicopter	1,338
	-Geophysics:	Field Expenses	758
	-Geochemistry:	Field Expenses	561
		Helicopter	4,534
	(Sam Zast.)	Contract	11,160
		Assays	11,839
JUNE	-General Explor.	Salaries	6,914
		Field Exps.	3,448
		Helicopter	669
	-Geophysics:	Salaries	3,457
	(Aerodat)	Contract	24,800
		Field Exps.	6,483
	-Geochemistry:	Salaries	1,859
		Assays	5,541
	-Drilling:	Salaries	1,390
		Miscellaneous	133
JULY	-General Explor:	Salaries	8,865
		Field Exps.	8,255
		Helicopter	299
	-Geophysics:	Field Exps.	3,373
	-Geochemistry:	Salaries	1.016
		Assays	2,687
	-Drilling:	Salaries	3,115
	(Drilcor)	Contract	18,958
		Field Exps.	989
		Helicopter	5,821
AUGUST	-General Explor:	Salaries	14,981
		Field Exps.	3,731
	-Geophysics:	Salaries	203
		Misc.	155
	-Geochemistry:	Assays	5,883
	-Drilling	Field Exps.	1,171
		Assays (Core)	5,470

not in report

SEPTEMBER -General Explor:	Salaries	8,459	
	Field/Misc Exp.	4,500	
	Helicopter	11,385	
	Assays	1,461	
OCTOBER -Report Prep:	Salaries	5,105	
	Misc.	681	
NOVEMBER -Report Prep:	Salaries	797	
	Misc.	107	

- - - - - - - - - - - - - - - - -

Sub-Totals

Geology/General Exploration:	Salaries	$51,208	
	Field/Misc	29,719	94 618
	Helicopter	13,691	
		94 618	
Geophysics: Main portion is airborne which is not in this report	Salaries	3,660	less 34740
	Field/Misc	10,796	= 4516 -
	Contract	24,800	
Geochemistry:	Salaries	2,875	
	Field Exp.	561	
	Contract	11,160	
	Assays	26,950	46080 -
	Helicopter	4,534	
Drilling:	Salaries	4,505	
	Field/Misc	2,293	
	Contract	18,958	37047 -
	Helicopter	5,821	
	Assays	5,470	

- - - - - - - - - - - - - - - - - - -

Totals

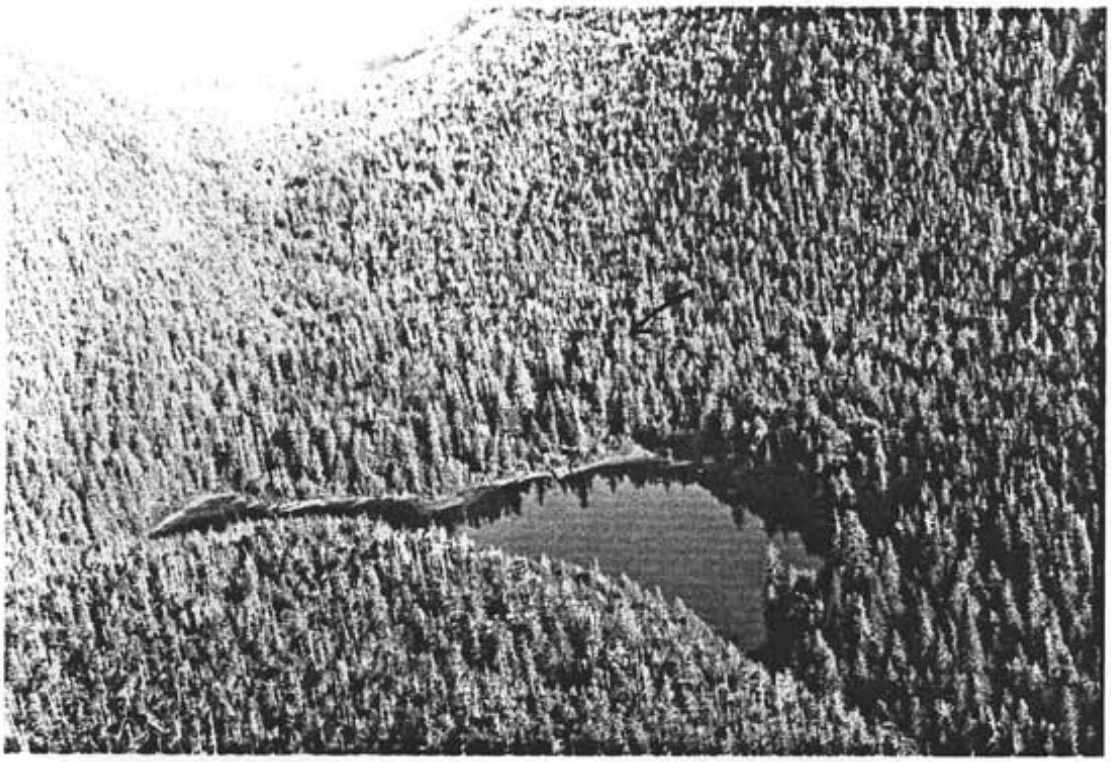
Salaries:	$ 62,248
Field/Misc Exp:	43,369
Helicopter:	24,046
Assays:	32,881
Report Prep:	6,690
Drilling:	37,047

APPENDIX I

Photographs

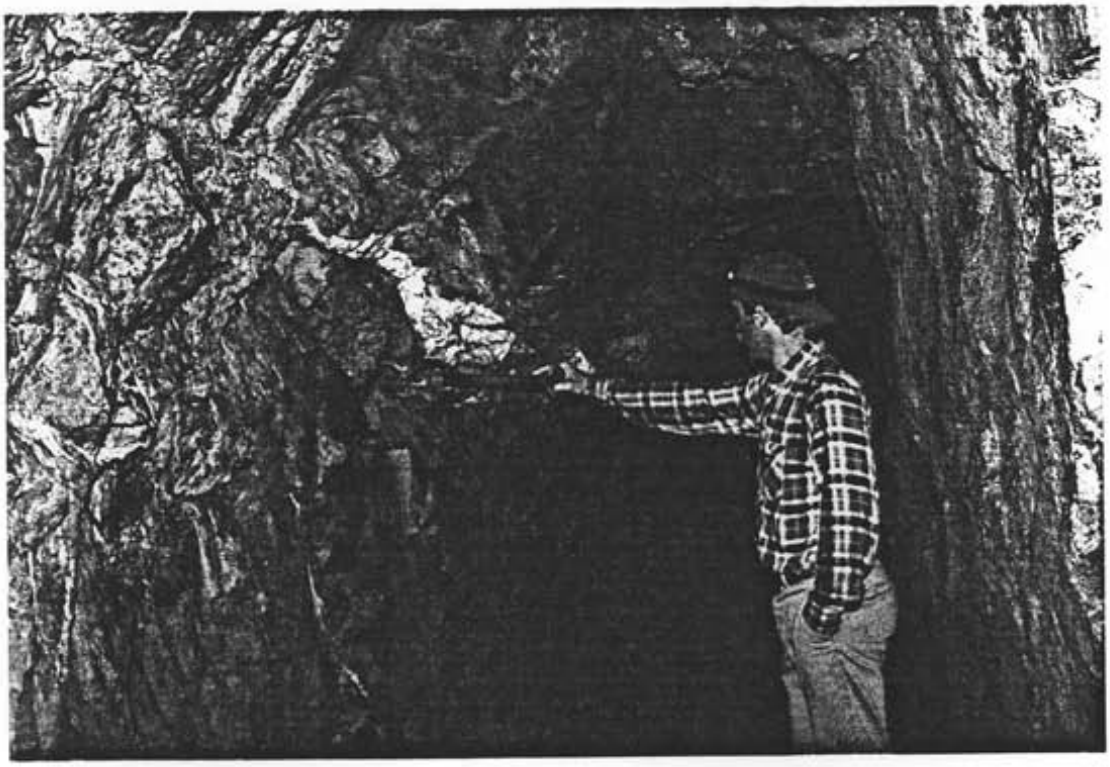
Base Camp

View of property looking west to Kite and Ellswick Lakes (center) and Kennedy Lake in the distance.

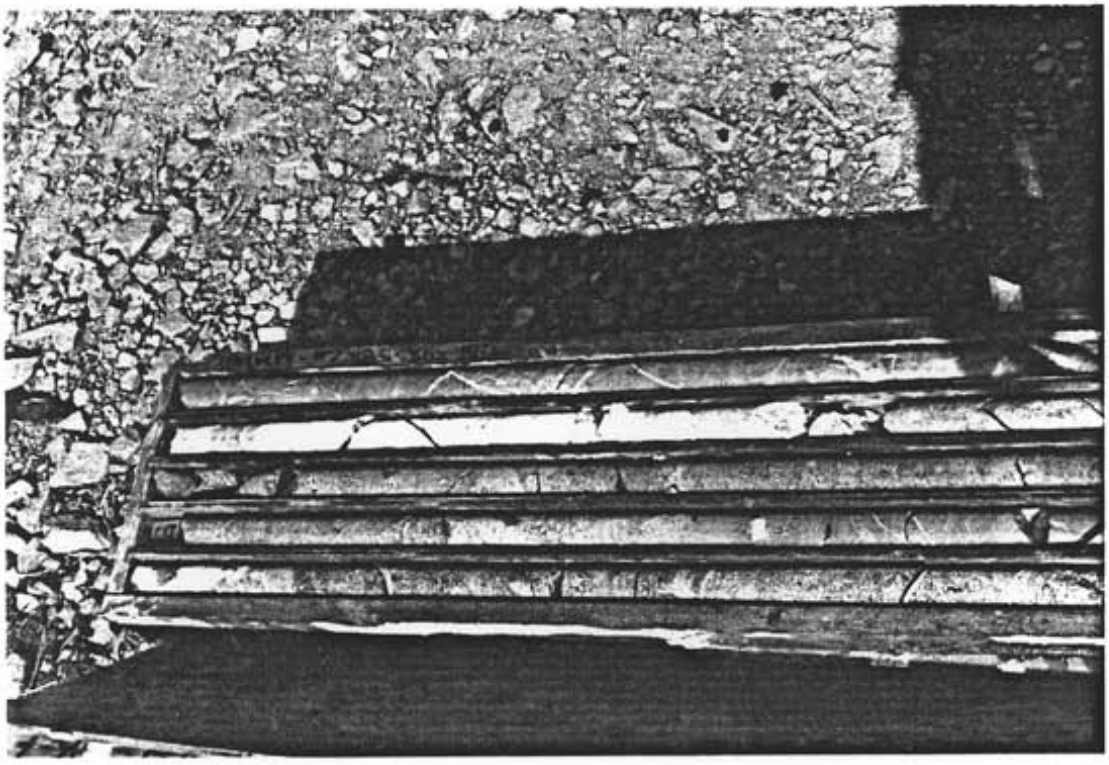


View of Ellswick Lake: arrow marks drill sites on Lucky vein.

Hughes 500D on helipad near drill sites.



Pinch and swell feature characteristic of Lucky vein.



Lucky vein intersected in DDH L7.

Quartz vein at Suicide Creek.

APPENDIX II

Geochemistry

LUCKY GRID

Adit and Trench Geochemistry

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604) 253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED JUNE 14 1985

DATE REPORTS MAILED Jan. 17/85

ASSAY CERTIFICATE

SAMPLE TYPE : ROCK - CRUSHED AND PULVERIZED TO -100 MESH.
AG** AND AU** BY FIRE ASSAY

ASSAYER V. Saundry DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT 301 608 001 108 FILE# 85-0939 PAGE# 1

SAMPLE		Ag** oz/t	Au** oz/t
R108-16A	R108-6726	.04	.051
R108-17A	R108-6727	.01	.001
R108-18A	R108-6728	.01	.010
R108-19A	R108-6729	.02	.149
142N 43W	R108-6730	.01	.048
136N 67W	R108-6731	.01	.005

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AG61 & AU38 BY FIRE ASSAY.

DATE RECEIVED: MAY 31 1985 DATE REPORT MAILED: June 6/85 ASSAYER: ..... DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT - 301 608 001 108 FILE # 85-0752 PAGE 1

	SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ag61 oz/t	Au38 oz/t
R108-1	R108-6701	1	34	2	4	0.1	7	2	84	.57	4	5	15	1	1	1	2	2	4	.01	.01	2	9	.09	17	.01	22	.16	.01	.02	1	.06	.347
R108-2	R108-6702	1	167	6	29	.1	63	13	662	3.10	2	5	NO	1	83	1	2	2	94	2.71	.06	2	104	1.69	43	.22	21	1.57	.04	.02	1	.02	.001
R108-3	R108-6703	1	99	9	76	.1	78	28	1022	4.58	22	5	NO	1	110	1	2	2	64	7.05	.06	2	129	2.62	46	.01	20	2.02	.01	.17	1	.01	.001
R108-4	R108-6704	1	53	5	82	.1	77	26	1075	6.41	2	5	NO	1	79	1	2	2	122	3.74	.06	2	172	4.01	111	.09	24	3.77	.02	.04	1	.02	.001
R108-5	R108-6705	1	126	4	62	.2	69	22	1022	5.13	22	5	NO	1	111	1	2	2	57	8.50	.02	2	78	2.22	51	.01	27	1.42	.01	.14	1	.01	.001
40	R108-6706	1	215	7	81	.5	69	22	950	6.05	27	5	NO	2	93	1	2	2	81	1.08	.04	2	122	1.90	46	.01	22	2.61	.01	.11	1	.01	.012
41	R108-6707	1	1572	3057	39	22.2	12	2	199	.76	17	5	172	1	7	1	2	2	10	.46	.02	2	12	.17	30	.01	29	.22	.01	.07	1	.58	7.421
42	R108-6708	1	166	14	68	.1	69	21	822	5.29	2	5	NO	1	82	1	2	2	116	2.74	.06	2	156	3.02	22	.20	28	2.78	.02	.04	1	.02	.012
43	R108-6709	1	142	14	99	.1	82	27	914	7.56	6	5	NO	1	63	1	2	2	122	2.38	.07	2	177	3.22	42	.01	27	3.59	.01	.09	1	.02	.015
44	R108-6710	1	577	673	20	3.0	16	6	311	1.82	42	5	20	1	29	1	2	2	30	1.20	.02	2	33	.60	29	.02	22	.70	.01	.07	1	.18	2.063
45	R108-6711	1	184	9	76	.1	74	25	1163	6.53	6	5	NO	1	113	1	2	2	169	4.46	.07	4	187	3.19	105	.21	34	3.08	.02	.06	1	.01	.005
46	R108-6712	1	169	8	87	.1	87	24	1066	7.18	11	5	NO	2	97	1	2	2	104	5.97	.07	4	154	2.77	47	.01	21	3.15	.01	.11	1	.01	.001
47	R108-6713	1	257	238	15	3.1	8	4	149	.93	18	7	24	1	10	1	2	2	12	.66	.01	2	11	.24	26	.01	30	.32	.01	.04	1	.15	1.213
48	R108-6714	1	25	8	67	.2	4	12	1081	6.77	2	5	NO	2	112	1	2	2	80	6.91	.12	7	5	1.82	116	.04	21	1.98	.04	.10	1	.02	.014
49	R108-6715	1	229	9	92	.1	84	27	825	6.76	22	5	NO	2	34	1	2	2	99	2.05	.08	6	169	2.42	50	.01	34	2.94	.02	.14	1	.01	.011
50	R108-6716	1	188	47	28	5.4	28	9	180	2.11	8	8	44	1	5	1	2	2	22	.17	.01	4	47	.76	22	.01	24	.94	.01	.08	1	.08	.722
51	R108-6717	1	164	9	93	.1	82	27	922	6.90	24	5	NO	1	15	1	2	2	104	.82	.06	5	172	2.94	41	.01	28	3.11	.02	.09	1	.01	.018
52	R108-6718	1	91	14	46	.3	55	22	1262	5.24	24	5	NO	1	101	1	2	2	52	10.00	.02	2	62	.92	52	.01	20	1.25	.01	.12	1	.02	.020
59	R108-6719	1	172	7	89	.1	77	23	658	6.18	21	5	NO	1	48	1	2	2	88	2.14	.06	7	132	2.22	49	.01	27	2.88	.01	.15	1	.02	.001
60	R108-6720	1	285	4	20	2.2	16	5	222	1.62	10	5	20	1	67	1	2	2	20	1.16	.01	2	20	.46	25	.01	26	.66	.01	.06	1	.15	1.090
61	R108-6721	1	22	5	37	.2	4	8	1431	3.19	14	5	NO	1	99	1	2	2	21	9.78	.07	4	1	1.74	42	.01	30	.22	.01	.11	1	.02	.020
71	R108-6722	1	70	4	77	.2	77	23	1012	6.08	2	5	NO	1	72	1	2	2	106	3.51	.07	4	169	3.59	78	.11	20	2.47	.02	.05	1	.02	.001
72	R108-6723	1	126	2	17	3.5	27	10	181	1.39	20	5	9	1	12	1	2	2	19	.55	.01	2	31	.50	34	.01	21	.65	.01	.07	1	.06	.210
73	R108-6724	1	165	7	65	.2	58	18	750	4.29	2	5	NO	1	49	1	2	4	103	3.22	.06	4	94	2.30	23	.42	22	2.27	.04	.02	1	.01	.004
P1	R108-6725	1	833	1048	18	9.1	17	6	189	1.22	23	5	71	1	12	1	2	2	18	.78	.01	2	24	.35	32	.01	22	.22	.01	.06	1	.45	2.752
	STD C	18	60	41	136	7.0	69	28	1161	3.94	37	18	6	28	51	18	15	19	58	.48	.15	40	59	.88	185	.08	29	1.72	.06	.12	11	-	-
	R-108 6726 40N 36W	1	127	2	32	.1	28	9	342	2.34	2	5	NO	1	47	1	2	2	49	.58	.02	2	57	1.08	10	.01	9	1.15	.01	.02	1	.01	.001
	R-108 6727	1	13	2	10	.1	6	4	1001	1.41	5	5	NO	1	9	1	2	2	20	.28	.01	2	13	.32	19	.01	6	.36	.01	.01	1	.01	.001
	STD C	20	59	40	135	7.2	68	28	1147	3.92	38	18	7	37	51	17	15	20	61	.48	.17	37	61	.88	181	.11	38	1.72	.06	.11	11	-	-

same numbers used in 1984

(1.0 ppm Au in pulp)

lucky Grid

40N 36W

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

WHOLE ROCK ICP ANALYSIS

A .1000 GRAM SAMPLE IS FUSED WITH .60 GRAM OF LIBO2 AND IS DISSOLVED IN 50 MLS 5% HNO3. SAMPLE TYPE: PULP

DATE RECEIVED: JUNE 11 1985 DATE REPORT MAILED: June 14/85 ASSAYER. T. Saundry. DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER.

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SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Loi %	Sum -
R108-6701	75.81	1.42	.76	.16	.01	.04	.53	.04	.01	.01	.01	.8	99.60
R108-6702	50.57	13.20	9.55	5.63	10.88	3.07	.37	1.34	.10	.18	.04	4.7	99.63
R108-6703	43.18	13.98	10.83	5.16	8.22	.14	3.16	1.37	.08	.15	.04	13.9	100.21
R108-6704	46.06	14.41	11.05	7.60	7.72	1.34	.73	1.40	.12	.17	.05	9.1	99.75
R108-6705	44.79	12.60	8.59	4.34	9.95	.18	3.05	1.13	.09	.15	.04	14.5	99.41
R108-6706	63.04	13.31	9.05	3.43	1.65	1.18	1.70	1.25	.08	.06	.04	4.5	99.29
R108-6707	86.64	5.67	1.20	.40	.67	.10	1.85	.20	.01	.02	.01	2.1	98.87
R108-6708	47.50	15.35	10.98	6.61	8.05	2.47	.66	1.41	.12	.16	.05	6.7	100.06
R108-6709	49.12	16.05	11.86	6.32	3.88	1.40	2.00	1.54	.11	.14	.05	7.1	99.57
R108-6710	84.76	5.44	2.40	1.08	1.74	.28	1.11	.28	.01	.04	.01	2.2	99.35
R108-6711	46.47	13.96	10.85	6.17	7.91	2.30	1.01	1.53	.12	.18	.05	9.5	100.05
R108-6712	45.25	14.49	11.52	5.39	8.19	.56	1.96	1.54	.12	.16	.06	10.9	100.14
1108-6713	90.39	4.00	1.30	.45	.92	.10	1.10	.15	.02	.02	.01	1.4	99.86
1108-6714	50.86	15.74	7.50	2.77	8.03	4.36	1.25	.79	.19	.16	.01	7.9	99.56
1108-6715	54.43	15.06	10.67	4.60	3.28	1.28	1.81	1.57	.14	.10	.06	7.0	100.00
1108-6716	85.34	5.89	3.09	1.31	.25	.30	.85	.43	.04	.02	.01	2.3	99.83
1108-6717	57.40	14.50	10.59	5.41	1.37	1.69	1.51	1.42	.12	.08	.06	5.3	99.45
1108-6718	50.18	13.72	5.52	1.89	10.85	.13	3.27	1.22	.04	.18	.04	12.4	99.46
1108-6719	56.49	14.52	10.03	4.54	3.47	.16	2.41	1.51	.13	.10	.05	6.8	100.21
1108-6720	86.12	4.92	2.41	.85	1.72	.09	1.07	.25	.04	.03	.01	2.4	99.91
1108-6721	50.03	10.84	5.38	3.39	10.90	.05	3.04	.40	.15	.21	.01	15.0	99.40
1108-6722	47.05	14.80	10.87	6.80	8.16	1.33	.71	1.46	.17	.17	.05	8.6	100.17
1108-6723	85.15	6.30	1.99	.94	.87	.06	1.36	.47	.05	.03	.01	2.0	99.23
1108-6724	47.34	14.50	10.07	6.08	10.71	3.37	.29	1.35	.16	.16	.05	5.9	99.98
1108-6725	87.07	5.89	1.82	.72	1.21	.22	1.30	.30	.03	.03	.01	1.2	99.80
STD SO-4	68.00	10.25	3.38	.90	1.52	1.34	2.18	.54	.20	.08	.01	11.4	99.80

LUCKY GRID

Soil Geochemistry

→ TEL

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN,FE,CA,P,CR,MG,BA,TI,B,AL,NA,K,W,SI,ZR,CE,SN,Y,NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: PULP AU++ ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JUNE 1985 DATE REPORT MAILED: June 14/85 ASSAYER: D. Toye .DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT - 303 608 001 108 FILE # 85-0753 R PAGE 1

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au++ ppb
S108 1+20N 0+11E	6	8	12	28	.1	6	22	573	3.56	3	5	NB	2	13	1	2	2	146	.22	.03	7	33	.15	20	.35	2	1.28	.01	.04	1	2
S108 1+20N 0+20E	5	18	12	19	.1	1	8	99	7.29	2	6	NB	4	6	1	2	2	234	.09	.02	2	60	.06	12	.44	2	1.80	.01	.02	1	1
S108 1+20N 0+30E	1	4	7	25	.2	3	1	30	.16	3	5	NB	1	19	1	2	2	11	.66	.06	2	4	.07	12	.04	4	.08	.02	.04	1	4
S108 1+20N 0+50E	1	12	10	19	.1	4	1	35	.77	5	5	NB	1	20	1	2	6	36	.21	.04	4	13	.12	38	.13	26	.20	.02	.04	1	6
S108 1+20N 0+60E	2	15	5	11	.4	1	7	65	6.97	3	11	NB	3	6	1	2	3	304	.11	.02	3	46	.05	8	.70	3	1.11	.01	.02	1	4
S108 1+20N 0+70E	6	47	2	44	.4	12	24	254	6.43	8	5	NB	4	11	1	2	2	225	.16	.02	3	191	.40	14	.35	2	4.17	.01	.03	1	10
S108 1+20N 0+80E	2	8	7	16	.2	2	5	284	2.42	3	5	NB	2	11	1	2	6	136	.33	.02	7	34	.08	24	.31	14	.89	.01	.01	1	1
S108 1+20N 0+90E	1	9	14	10	.2	5	2	57	1.04	2	5	NB	1	19	1	2	5	43	.29	.03	4	15	.15	51	.15	7	.23	.02	.03	1	1
S108 1+20N 1+00E	1	4	3	9	.1	1	1	21	.12	2	5	NB	1	24	1	2	2	2	.66	.04	2	1	.08	31	.01	39	.11	.02	.02	1	1
S108 1+15N 0+40E	1	3	11	4	.2	2	2	53	.85	2	5	NB	2	4	1	2	10	179	.10	.01	5	15	.03	4	.38	2	.28	.01	.01	1	4
S108 1+03N 0+11E	1	3	8	16	.1	3	1	57	.16	4	5	NB	1	32	1	2	4	12	.22	.05	8	5	.10	90	.03	8	.10	.02	.05	1	1
S108 1+01N 0+00E	4	12	5	10	.1	1	8	261	2.87	5	5	NB	1	4	1	2	2	86	.08	.02	10	12	.04	22	.11	2	.86	.01	.02	1	1
S108 1+00N 0+20E	8	63	33	120	.2	21	39	329	7.52	9	9	NB	3	4	1	2	2	265	.11	.03	9	128	.24	19	.40	2	6.97	.01	.02	1	4
S108 1+00N 0+30E	1	14	20	23	.2	4	3	99	.88	2	5	NB	1	29	1	2	2	44	.50	.06	3	15	.13	41	.14	9	.37	.02	.07	1	1
S108 1+00N 0+40E	2	24	2	24	.2	3	9	126	6.86	5	5	NB	1	11	1	2	5	213	.23	.02	9	63	.26	7	.57	4	1.87	.01	.02	1	6
S108 1+00N 0+50E	1	9	15	21	.2	3	1	90	.40	2	5	NB	1	18	1	2	3	30	.31	.05	2	6	.10	9	.13	6	.17	.02	.05	1	1
S108 1+00N 0+60E	6	49	7	42	.1	12	17	198	8.17	12	5	NB	1	8	1	2	2	257	.10	.02	11	101	.31	8	.31	2	2.91	.01	.01	1	1
S108 1+00N 0+70E	3	33	13	49	.1	14	15	857	4.14	7	5	NB	1	17	1	2	3	172	.56	.02	6	123	.38	20	.29	4	2.10	.01	.02	1	6
S108 1+00N 0+80E	1	3	14	17	.1	1	1	47	.15	2	5	NB	1	18	1	2	5	5	.32	.05	2	4	.11	20	.01	28	.10	.02	.04	1	1
S108 1+00N 0+90E	1	8	16	19	.1	2	2	62	.49	2	5	NB	1	17	1	2	3	40	.37	.05	2	8	.09	28	.11	30	.27	.02	.04	1	18
S108 1+00N 1+00E	1	6	5	23	.2	2	3	299	1.33	4	5	NB	1	15	1	2	6	40	.30	.04	6	4	.18	16	.23	4	.45	.01	.03	1	4
S108 0+80N 1+00N	1	7	22	19	.3	2	4	133	1.23	2	5	NB	1	13	1	2	5	66	.21	.08	4	21	.19	21	.25	6	.67	.02	.05	1	1
S108 0+80N 0+91N	2	9	13	10	.1	1	3	40	2.64	2	5	NB	2	7	1	2	9	186	.09	.04	6	34	.06	12	.33	5	1.39	.01	.03	1	4
S108 0+80N 0+68N	1	7	11	7	.2	1	3	26	.50	2	5	NB	1	9	1	2	8	120	.13	.03	4	9	.03	13	.30	24	.22	.01	.03	1	6
S108 0+80N 0+59N	2	12	13	14	.2	3	6	385	2.91	2	5	NB	1	11	1	2	5	184	.22	.02	7	32	.12	20	.35	6	1.00	.01	.02	1	1
S108 0+80N 0+50N	1	44	12	15	.1	7	12	197	4.96	23	5	NB	1	6	1	2	2	157	.09	.03	9	53	.15	12	.04	2	.96	.01	.02	1	10
S108 0+80N 0+28N	5	83	13	49	.1	18	19	353	6.11	14	5	NB	1	8	1	27	2	172	.20	.04	11	128	.60	29	.28	17	5.06	.01	.02	1	6
S108 0+80N 0+20N	1	7	16	25	.2	1	1	129	.22	2	5	NB	1	19	1	2	2	6	.48	.06	2	4	.13	29	.01	30	.18	.02	.05	1	1
S108 0+80N 0+09N	5	7	8	12	.1	1	3	80	3.19	2	5	NB	1	9	1	2	2	134	.18	.02	7	20	.08	12	.23	2	.78	.01	.02	1	16
S108 0+80N 0+00E	1	5	8	3	.1	1	2	24	.69	2	5	NB	1	8	1	2	3	63	.11	.01	3	4	.02	4	.24	4	.22	.01	.01	1	6
S108 0+80N 0+10E	3	19	20	28	.3	6	13	432	2.93	2	5	NB	1	12	1	2	2	82	.23	.05	7	28	.26	22	.18	2	1.04	.01	.03	1	1
S108 0+80N 0+20E	1	3	9	34	.3	3	1	29	.13	2	5	NB	1	28	1	2	2	4	.44	.05	2	2	.13	16	.01	5	.08	.02	.02	1	4
S108 0+80N 0+32E	1	6	10	7	.1	1	1	37	.56	2	5	NB	1	10	1	2	4	80	.13	.03	3	4	.03	8	.24	5	.20	.01	.03	1	1
S108 0+80N 0+40E	1	9	17	13	.1	1	2	125	.57	2	5	NB	1	14	1	2	6	66	.32	.05	3	4	.05	12	.22	4	.28	.01	.03	1	4
S108 0+80N 0+52E	1	2	16	9	.2	1	2	79	.29	2	5	NB	1	7	1	2	6	58	.13	.04	3	1	.04	8	.19	8	.18	.01	.04	1	1
S108 0+80N 0+60E	1	3	17	13	.2	1	1	61	.29	2	5	NB	1	6	1	2	2	36	.22	.05	2	13	.04	8	.12	5	.21	.01	.03	1	4
STD C/FA-AU	20	62	38	131	6.8	68	29	1148	3.92	36	17	7	37	51	17	15	20	57	.48	.15	38	59	.88	186	.08	37	1.71	.04	.12	11	52

"Lucky" Soil Grid

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
S108 0+80N 0+70E	1	7	16	9	.3	1	2	76	.75	10	5	ND	1	11	1	2	5	81	.10	.04	2	2	.06	7	.24	5	.19	.01	.03	1	1
S108 0+80N 0+78E	1	5	18	13	.1	1	1	43	.36	4	5	ND	1	7	1	2	2	76	.06	.05	2	5	.03	10	.19	8	.22	.01	.06	1	14
S108 0+80N 0+90E	1	12	28	29	.1	5	2	200	1.27	4	5	ND	1	17	1	2	2	72	.56	.08	2	5	.15	9	.16	8	.30	.02	.05	1	1
S108 0+80N 1+00E	1	4	38	21	.2	3	1	43	.12	7	6	ND	1	29	1	2	2	4	.53	.09	2	3	.11	23	.01	12	.09	.03	.08	1	1
S108 0+79N 0+39W	1	8	8	15	.1	6	2	84	2.16	8	5	ND	1	20	1	2	2	104	.21	.05	2	17	.10	18	.20	6	.25	.01	.03	1	1
S108 0+78N 0+81W	2	10	27	27	.1	4	17	3039	4.54	7	5	ND	1	10	1	2	2	266	.16	.05	2	58	.14	28	.50	2	.09	.01	.05	1	1
S108 0+63N 0+19W	1	8	18	18	.1	5	2	141	.86	12	5	ND	1	12	1	2	4	130	.32	.06	2	25	.13	5	.43	6	.36	.01	.05	1	10
S108 0+62N 0+39E	2	13	10	11	.1	2	4	84	5.14	11	5	ND	1	10	1	2	2	195	.11	.03	4	38	.06	7	.43	2	1.38	.01	.01	1	1
S108 0+61N 0+90W	1	19	5	22	.1	9	7	175	6.81	8	5	ND	2	10	1	2	2	197	.15	.04	2	67	.26	10	.45	2	1.81	.01	.03	1	4
S108 0+60N 0+80W	1	12	22	30	.1	3	2	133	.89	7	5	ND	1	34	1	2	2	57	.48	.09	2	14	.15	32	.14	5	.27	.02	.05	1	1
S108 0+60N 0+72W	2	25	21	39	.1	9	10	318	6.44	8	5	ND	1	12	1	2	2	231	.17	.04	4	73	.43	16	.38	2	1.53	.01	.03	1	6
S108 0+60N 0+60W	3	30	15	41	.1	17	7	202	2.21	5	5	ND	1	10	1	2	2	84	.18	.07	2	49	.37	12	.15	2	1.79	.01	.03	1	22
S108 0+60N 0+49W	1	32	20	20	.2	8	5	155	3.05	12	5	ND	1	14	1	2	7	279	.18	.07	3	66	.18	10	.60	3	.70	.01	.04	1	10
S108 0+60N 0+37W	1	26	7	21	.1	4	7	87	7.56	6	5	ND	2	8	1	2	2	300	.12	.04	2	55	.06	10	.40	2	1.27	.01	.03	1	330
S108 0+60N 0+10W	1	11	10	13	.1	3	4	110	5.13	7	5	ND	1	8	1	2	2	220	.11	.04	3	37	.05	9	.43	2	.67	.01	.02	1	64
S108 0+60N 0+00E	1	6	11	5	.2	2	1	52	.43	8	5	ND	1	5	1	2	5	147	.09	.02	5	10	.02	5	.31	4	.11	.01	.02	1	190
S108 0+60N 0+10E	1	13	8	8	.1	2	3	82	3.01	8	5	ND	2	5	1	2	2	249	.07	.02	2	36	.04	6	.30	2	.52	.01	.02	1	92
S108 0+60N 0+20E	1	22	8	18	.1	7	4	130	4.24	12	5	ND	2	13	1	2	2	157	.21	.03	2	41	.21	13	.40	2	1.37	.01	.02	1	8
S108 0+60N 0+30E	1	9	19	18	.1	6	2	152	2.16	8	5	ND	1	27	1	2	2	94	.35	.06	5	21	.13	45	.23	3	.67	.02	.04	1	1
S108 0+60N 0+50E	1	2	20	7	.1	1	1	31	.21	6	5	ND	1	8	1	2	5	54	.13	.02	3	9	.03	9	.31	5	.27	.01	.02	1	1
S108 0+60N 0+60E	1	5	4	8	.1	3	2	163	2.75	9	5	ND	1	6	1	2	3	235	.08	.01	4	18	.05	8	.47	2	.39	.01	.01	1	1
S108 0+60N 0+68E	1	7	11	22	.1	4	1	36	.36	2	5	ND	1	45	1	2	2	23	.12	.06	3	6	.24	47	.04	5	.16	.02	.03	1	1
S108 0+60N 0+82E	4	41	13	29	.1	6	6	133	4.48	9	5	ND	2	13	1	2	2	181	.15	.02	2	168	.20	8	.30	2	2.33	.01	.02	1	1
S108 0+60N 0+92E	2	13	36	16	.1	2	4	153	5.14	10	5	ND	2	10	1	2	2	222	.12	.02	4	44	.06	7	.48	2	1.38	.01	.01	1	1
S108 0+60N 1+00E	3	32	30	65	.1	12	32	3266	3.87	5	5	ND	1	29	1	2	2	143	1.24	.08	5	41	.18	44	.29	6	1.98	.01	.03	1	1
S108 0+59N 1+00W	1	11	19	18	.1	11	4	173	1.66	9	5	ND	1	15	1	2	10	143	.17	.04	2	54	.34	14	.51	2	1.01	.01	.03	1	1
S108 0+58N 0+27W	1	12	14	13	.1	2	1	118	1.18	10	5	ND	1	12	1	2	10	194	.35	.06	2	29	.06	11	.45	7	.24	.01	.04	1	8
S108 0+42N 0+01W	1	12	11	10	.2	5	3	92	1.63	4	5	ND	2	7	1	2	2	224	.14	.03	3	19	.04	8	.25	5	.48	.01	.03	1	590
S108 0+41N 0+96E	1	10	15	6	.1	2	1	63	.57	12	5	ND	2	6	1	2	10	196	.16	.01	3	14	.01	5	.56	3	.22	.01	.02	1	140
S108 0+40N 1+00W	3	31	20	64	.1	16	22	3050	2.47	5	5	ND	1	27	1	2	2	93	1.12	.10	7	42	.20	39	.13	10	2.09	.01	.03	1	20
S108 0+40N 0+87W	3	105	6	37	.1	17	11	288	6.40	9	5	ND	3	11	1	2	2	208	.18	.05	2	115	.42	17	.44	2	6.66	.01	.02	1	4
S108 0+40N 0+80W	1	11	15	22	.1	3	1	107	.19	3	5	ND	1	30	1	2	2	9	.46	.05	2	4	.14	27	.02	8	.18	.02	.04	1	1
S108 0+40N 0+70W	1	6	16	10	.1	2	1	75	.54	9	5	ND	1	6	1	2	6	86	.10	.04	2	2	.09	33	.43	3	.39	.01	.03	1	1
S108 0+40N 0+60W	1	27	9	11	.1	7	11	126	4.97	14	5	ND	2	5	1	2	2	294	.07	.02	3	34	.03	7	.44	2	.81	.01	.01	1	38
S108 0+40N 0+51W	2	17	3	14	.1	4	3	257	2.04	8	5	ND	1	17	1	2	2	104	.23	.05	3	14	.09	22	.07	5	.28	.01	.03	1	74
S108 0+40N 0+40W	1	11	28	24	.1	5	2	95	.95	2	5	ND	1	30	1	2	2	38	.28	.09	2	15	.13	35	.02	6	.29	.02	.06	1	4
STD C/FA-MU	21	59	42	135	7.4	72	29	1175	3.91	41	17	7	34	48	16	15	17	61	.48	.15	40	60	.88	176	.07	41	1.72	.06	.12	11	50

"Lucky" Soil Grid

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
S108 0+40N 0+30W	2	25	2	15	.3	2	7	120	5.53	10	5	ND	2	7	1	.2	2	193	.12	.03	2	43	.18	8	.36	2	1.32	.01	.01	1	1
S108 0+40N 0+22W	1	11	5	9	.1	1	5	320	3.54	10	5	ND	1	7	1	2	3	197	.12	.02	3	30	.06	8	.38	2	.80	.01	.01	1	1
S108 0+40N 0+11W	1	13	2	15	.1	1	7	135	4.41	11	5	ND	1	6	1	2	2	276	.10	.02	3	18	.24	16	.47	2	1.39	.01	.02	1	6
S108 0+40N 0+10E	1	27	10	27	.1	6	7	232	1.24	3	5	ND	1	21	1	2	2	60	.75	.08	3	31	.15	16	.17	6	.83	.01	.03	1	4
S108 0+40N 0+20E	1	11	20	18	.2	2	3	52	.43	2	5	ND	1	15	1	2	4	57	.34	.08	3	30	.07	11	.25	6	.41	.02	.04	1	150
S108 0+40N 0+30E	4	36	3	27	.4	6	12	149	9.39	28	5	ND	4	10	1	5	2	214	.14	.03	7	88	.26	12	.63	2	5.80	.01	.02	1	2
S108 0+40N 0+48E	1	10	2	8	.1	1	3	42	1.50	12	5	ND	1	7	1	2	5	184	.11	.02	4	27	.07	11	.45	2	.54	.01	.02	1	8
S108 0+40N 0+60E	1	9	7	8	.2	2	5	49	1.25	12	8	ND	1	8	1	2	8	228	.21	.02	4	24	.08	5	.63	2	.31	.01	.02	1	4
S108 0+40N 0+70E	1	7	23	12	.4	1	2	71	.37	2	5	ND	1	8	1	2	4	85	.17	.06	3	11	.05	8	.32	5	.18	.02	.04	1	1
S108 0+40N 0+82E	1	6	7	4	.1	1	3	51	.44	3	5	ND	1	8	1	2	5	132	.15	.01	4	8	.02	4	.41	4	.23	.01	.01	1	4
S108 0+40N 0+93E	1	8	7	7	.3	1	4	113	1.46	10	5	ND	1	11	1	2	6	178	.17	.02	5	12	.06	4	.48	2	.41	.01	.02	1	1
S108 0+38N 0+42E	1	12	14	18	.1	1	1	31	.21	2	5	ND	1	24	1	2	2	16	.33	.06	2	3	.11	12	.05	4	.10	.02	.05	1	1
S108 0+21N 0+41W	2	67	11	56	.2	19	19	1973	2.13	6	5	ND	1	34	1	2	2	61	1.79	.11	5	55	.39	44	.09	8	2.50	.01	.02	1	6
S108 0+20N 1+00W	2	41	2	52	.3	14	17	1300	3.27	5	5	ND	2	21	1	2	2	77	.41	.04	3	35	.70	49	.19	6	2.06	.01	.02	1	18
S108 0+20N 0+90W	2	41	2	54	.1	15	16	1102	3.12	2	5	ND	1	22	1	2	2	76	.43	.05	2	35	.69	52	.19	5	2.03	.01	.02	1	1
S108 0+20N 0+80W	2	44	12	50	.3	12	14	361	4.31	11	5	ND	1	16	1	5	2	101	.25	.04	7	43	.59	45	.23	9	2.80	.01	.02	1	1
S108 0+20N 0+70W	2	34	8	48	.1	9	15	439	4.12	11	5	ND	2	16	1	2	2	107	.29	.04	6	36	.53	50	.23	9	2.41	.01	.03	1	1
S108 0+20N 0+60W	3	77	2	67	.1	24	28	2229	4.67	8	5	ND	1	25	1	2	2	133	1.18	.07	2	101	.65	38	.20	6	3.98	.01	.01	1	1
S108 0+20N 0+50W	3	72	2	68	.2	25	23	1467	4.04	12	5	ND	1	22	1	4	2	127	1.01	.07	5	93	.50	33	.19	9	3.72	.01	.01	1	1
S108 0+20N 0+30W	1	32	2	17	.2	2	7	106	7.43	11	6	ND	1	6	1	2	2	261	.12	.02	2	64	.11	8	.46	2	1.53	.01	.01	1	4
S108 0+20N 0+11W	1	14	7	9	.1	1	4	56	1.71	6	5	ND	1	9	1	2	4	156	.14	.03	3	32	.10	8	.40	2	.50	.01	.02	1	6
S108 0+20N 0+05W	2	26	5	24	.4	3	10	133	8.94	10	5	ND	1	9	1	3	2	249	.13	.03	4	82	.19	14	.29	2	1.77	.01	.01	1	10
S108 0+20N 0+20E	1	9	2	9	.1	1	5	73	3.41	10	5	ND	1	6	1	2	2	208	.10	.01	3	31	.06	8	.47	4	.86	.01	.01	1	1
S108 0+20N 0+30E	1	8	8	10	.3	2	3	95	.83	2	5	ND	1	8	1	2	3	80	.13	.05	3	26	.11	16	.26	2	.67	.01	.04	1	1
S108 0+20N 0+40E	1	14	2	8	.2	1	6	74	4.57	14	5	ND	1	8	1	3	2	209	.11	.02	6	32	.05	4	.44	7	.98	.01	.01	1	1
S108 0+20N 0+50E	1	11	6	8	.1	1	2	48	.58	4	5	ND	1	7	1	2	5	126	.15	.03	3	13	.04	4	.40	10	.21	.01	.02	1	4
S108 0+20N 0+60E	1	19	3	10	.2	1	8	73	7.91	14	5	ND	1	6	1	4	2	253	.10	.03	7	46	.04	8	.49	5	1.40	.01	.01	1	4
S108 0+20N 0+70E	1	9	2	13	.2	1	5	90	2.07	12	6	ND	1	10	1	2	2	181	.30	.03	2	23	.16	6	.45	10	.42	.01	.02	1	6
S108 0+20N 0+80E	1	13	2	13	.1	3	6	85	4.70	9	5	ND	1	8	1	7	2	169	.16	.03	5	35	.11	4	.37	2	.74	.01	.01	1	1
S108 0+20N 0+89E	1	11	9	11	.3	1	4	66	2.95	8	5	ND	1	8	1	2	2	165	.12	.03	5	19	.09	9	.41	10	.68	.01	.03	1	1
S108 0+20N 1+03E	1	7	13	12	.1	1	2	34	.46	2	5	ND	1	10	1	2	2	65	.28	.05	2	8	.05	8	.23	9	.24	.01	.04	1	1
S108 0+19N 0+20W	2	13	14	13	.3	1	7	141	4.44	5	5	ND	1	7	1	3	4	259	.12	.04	6	33	.08	8	.49	5	.98	.01	.01	1	1
S108 0+01N 0+29W	2	32	2	20	.3	4	11	157	10.26	17	13	ND	3	10	1	3	2	321	.19	.03	2	81	.26	10	.60	10	1.35	.01	.02	1	1
S108 0+00N 1+01W	4	37	2	51	.3	13	18	1098	3.65	3	5	ND	1	21	1	3	4	96	.41	.05	3	42	.63	48	.21	7	1.98	.01	.02	1	1
S108 0+00N 0+94W	5	41	2	53	.2	11	18	1017	3.61	2	5	ND	1	20	1	2	6	84	.37	.05	3	39	.73	52	.19	7	2.15	.01	.02	1	4
S108 0+00N 0+80W	5	35	2	44	.3	11	17	826	3.43	2	5	ND	1	19	1	4	7	77	.30	.05	3	35	.66	50	.16	12	2.01	.01	.02	1	4
STD C/FA-AU	20	63	41	137	6.8	66	32	1187	3.92	37	17	7	33	49	18	15	18	58	.48	.17	38	59	.88	180	.08	39	1.71	.06	.12	11	51

"Lucky" Soil Grid

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
S108 0+00N 0+70W	3	29	15	40	.1	11	11	527	3.43	2	8	ND	2	12	1	2	7	82	.21	.06	7	33	.60	45	.15	7	1.86	.01	.03	1	1
S108 0+00N 0+61W	2	36	14	48	.1	17	16	1125	3.42	3	5	ND	1	16	1	2	2	83	.35	.05	8	39	.68	52	.17	10	1.92	.01	.02	1	1
S108 0+00N 0+49W	2	41	4	54	.1	17	16	1098	3.37	2	5	ND	2	18	1	2	2	78	.41	.05	7	37	.75	49	.17	12	1.94	.01	.03	1	1
S108 0+00N 0+41W	1	33	6	47	.1	14	12	533	3.58	3	5	ND	3	14	1	2	2	86	.29	.03	7	40	.73	43	.17	5	1.86	.01	.02	1	4
S108 0+00N 0+19W	2	39	7	27	.1	13	10	200	9.51	2	5	ND	3	5	1	2	2	268	.16	.03	5	86	.53	12	.54	5	2.05	.01	.02	1	6
S108 0+00N 0+14W	2	21	6	16	.1	4	6	106	6.76	2	6	ND	3	5	1	2	2	240	.09	.02	4	54	.21	8	.25	8	1.40	.01	.02	1	1
S108 0+00N 0+04E	3	60	5	25	.1	6	8	142	8.42	5	5	ND	4	3	1	2	2	242	.04	.03	8	77	.23	15	.12	6	2.91	.01	.02	1	16
S108 0+00N 0+19E	1	7	16	11	.1	2	1	73	.68	3	5	ND	1	10	1	2	7	118	.17	.05	5	24	.07	17	.33	6	.39	.01	.04	1	1
S108 0+00N 0+30E	1	6	13	17	.1	2	1	31	.18	4	5	ND	1	20	1	2	2	11	.41	.06	2	3	.10	17	.03	6	.08	.02	.05	1	1
S108 0+00N 0+39E	2	13	5	11	.1	1	4	61	6.67	2	6	ND	5	7	1	2	2	257	.11	.03	8	47	.07	8	.58	8	1.34	.01	.02	1	1
S108 0+00N 0+51E	1	6	6	9	.1	2	3	66	1.43	2	5	ND	2	8	1	2	4	133	.11	.03	6	30	.07	8	.47	4	1.06	.01	.02	1	1
S108 0+00N 0+58E	1	6	18	20	.1	1	1	108	.15	4	5	ND	2	24	1	2	2	13	.47	.07	2	3	.11	8	.04	6	.10	.02	.06	1	4
S108 0+00N 0+70E	1	11	2	9	.1	3	5	85	4.17	4	7	ND	4	7	1	2	3	314	.17	.02	8	25	.14	4	.58	3	.45	.01	.02	1	1
S108 0+00N 0+80E	1	11	2	9	.1	1	5	68	5.47	2	5	ND	3	5	1	2	2	306	.11	.02	8	34	.05	8	.48	5	.49	.01	.01	1	1
S108 0+00N 0+88E	1	20	9	11	.1	1	1	145	.89	3	5	ND	1	13	1	3	3	102	.24	.04	4	13	.07	18	.23	6	.18	.01	.04	1	1
S108 0+00N 1+01E	1	3	6	6	.1	1	1	24	.54	2	5	ND	3	8	1	2	2	52	.09	.03	3	2	.05	12	.12	2	.36	.01	.04	1	20
S108 0+02S 0+11E	1	8	7	10	.3	1	1	56	1.21	4	5	ND	3	11	1	2	5	199	.16	.04	5	25	.04	8	.48	7	.41	.01	.02	1	10
STD C/FA-AU	19	57	39	125	6.7	65	29	1122	3.93	38	17	7	38	51	18	16	20	62	.40	.14	42	60	.80	182	.08	39	1.70	.06	.11	12	49

"Lucky" Soil Grid

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS AU** ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JUNE 7 1985 DATE REPORT MAILED: June 17/85 ASSAYER. T. Saundry .DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT - 303 608 001 108 FILE # 85-0835 PAGE 1

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
S10E 2+00N 1+00N	1	14	5	15	.2	3	1	87	6.07	7	5	ND	2	11	1	2	2	259	.15	.02	13	36	.06	8	.56	2	.82	.01	.01	1	1
S10E 2+00N 0+90N	3	37	11	52	.2	12	17	856	6.47	14	5	ND	2	21	2	2	2	155	.70	.04	13	63	.43	13	.39	2	2.81	.02	.02	1	1
S10E 2+00N 0+80N	1	16	9	41	.2	14	3	752	2.80	6	5	ND	2	24	1	2	2	108	.45	.03	9	49	.62	21	.47	2	1.43	.01	.03	1	1
S10E 2+00N 0+70N	4	11	9	19	.1	3	1	33	.58	2	5	ND	1	17	1	2	2	91	.34	.06	5	31	.08	17	.28	6	1.02	.01	.02	1	1
S10E 2+00N 0+60N	2	28	13	61	.2	12	18	1195	7.15	6	5	ND	2	29	2	2	2	227	.47	.03	14	84	.44	14	.57	2	2.31	.01	.02	1	1
S10E 2+00N 0+50N	1	45	13	29	.1	9	1	132	9.97	4	5	ND	3	9	2	2	2	306	.16	.03	13	96	.26	9	.56	2	1.83	.01	.02	1	4
S10E 2+00N 0+40N	1	101	15	50	.2	30	17	236	6.46	2	5	ND	3	17	2	2	2	203	.37	.02	15	117	.65	33	.37	2	4.44	.01	.03	1	1
S10E 2+00N 0+30N	1	39	20	33	.3	14	5	197	19.71	11	5	ND	4	6	4	2	2	321	.14	.02	9	126	.28	12	.30	2	2.38	.01	.02	1	1
S10E 2+00N 0+20N	1	9	15	18	.1	3	1	156	.30	2	5	ND	1	19	1	2	2	11	.58	.07	2	3	.11	8	.03	9	.10	.01	.05	1	1
S10E 2+00N 0+10N	1	11	10	12	.2	3	1	78	1.59	2	5	ND	1	14	1	2	2	182	.33	.03	5	30	.08	4	.53	2	.41	.01	.03	1	1
S10E 2+00N 0+00N	2	64	24	124	.3	21	18	1113	6.95	10	5	ND	3	17	2	2	2	237	.59	.06	12	94	.40	28	.36	2	3.80	.01	.04	1	4
S10E 2+00N 0+10E	1	21	11	23	.1	6	1	144	6.76	6	5	ND	2	10	1	2	2	261	.21	.02	9	56	.17	15	.46	2	1.21	.01	.02	1	1
S10E 2+00N 0+20E	1	7	6	17	.1	5	1	40	.21	2	5	ND	1	12	1	2	2	7	.36	.05	10	6	.16	100	.02	9	.10	.02	.03	1	1
S10E 2+00N 0+30E	2	37	58	64	.2	9	10	748	6.52	6	5	ND	2	19	1	2	2	240	.31	.02	9	73	.30	22	.45	2	1.82	.01	.03	1	1
S10E 2+00N 0+40E	1	8	14	18	.1	2	1	205	.28	2	5	ND	1	31	1	2	2	12	.29	.07	2	3	.10	38	.04	12	.14	.01	.05	1	1
S10E 2+00N 0+50E	1	17	29	21	.2	7	1	187	5.25	4	5	ND	2	14	1	2	2	205	.28	.03	9	43	.25	8	.55	2	.83	.01	.02	1	1
S10E 2+00N 0+60E	2	18	41	37	.1	3	1	880	4.11	2	5	ND	2	23	1	2	2	164	.37	.02	7	44	.14	26	.43	2	1.17	.01	.03	1	1
S10E 2+00N 0+70E	1	10	11	16	.1	4	1	133	3.81	5	5	ND	1	14	1	2	2	204	.33	.03	9	46	.20	12	.56	2	.77	.01	.02	1	6
S10E 2+00N 0+80E	1	43	19	66	.2	25	18	2675	3.74	5	5	ND	1	22	2	2	2	117	1.22	.09	8	89	.56	30	.24	6	1.71	.01	.04	1	2
S10E 2+00N 0+90E	2	26	14	56	.1	8	2	207	9.37	2	5	ND	3	14	2	2	2	239	.17	.02	2	80	.24	15	.54	2	3.17	.01	.01	1	1
S10E 2+00N 1+00E	1	10	8	28	.1	8	1	332	2.77	2	5	ND	1	30	1	2	2	98	.48	.04	6	34	.26	19	.36	3	.83	.02	.04	1	1
S10E 1+80N 1+00N	1	2	2	5	.1	1	1	34	.30	2	5	ND	2	3	1	2	2	10	.05	.01	8	2	.04	13	.01	4	.55	.01	.03	1	1
S10E 1+80N 0+90N	4	37	13	68	.2	14	28	4246	1.86	9	5	ND	1	20	1	2	2	61	1.22	.11	10	42	.09	38	.08	9	2.34	.01	.03	1	1
S10E 1+80N 0+80N	5	45	14	74	.1	12	33	1596	7.46	2	5	ND	2	18	2	2	2	211	.47	.03	6	92	.36	23	.42	2	3.40	.01	.02	1	68
S10E 1+80N 0+70N	3	14	10	36	.1	4	3	185	5.66	2	5	ND	2	12	1	2	2	185	.15	.01	4	42	.26	16	.22	2	2.11	.01	.02	1	1
S10E 1+80N 0+60N	4	19	11	20	.1	5	1	94	.48	2	5	ND	1	19	1	2	2	67	.44	.06	5	43	.12	24	.26	8	1.00	.01	.03	1	2
S10E 1+80N 0+50N	1	7	5	15	.1	3	1	46	.13	2	5	ND	1	33	1	2	2	5	.71	.06	2	5	.11	35	.02	15	.14	.02	.03	1	1
S10E 1+80N 0+40N	1	26	9	80	.1	40	17	2504	4.88	2	5	ND	1	53	1	2	2	112	1.07	.05	3	81	2.17	27	.45	2	2.64	.01	.01	1	1
S10E 1+80N 0+30N	4	42	18	51	.2	10	2	356	6.89	24	5	ND	3	16	1	2	2	221	.29	.02	5	111	.40	18	.42	2	2.62	.01	.03	1	1
S10E 1+80N 0+20N	1	6	5	11	.1	1	1	65	2.23	3	5	ND	1	12	1	2	2	99	.14	.01	8	20	.05	9	.30	2	.89	.01	.01	1	1
S10E 1+80N 0+10N	4	17	13	22	.1	4	1	77	5.87	3	5	ND	2	11	1	2	2	223	.16	.02	8	48	.13	17	.44	2	1.29	.01	.01	1	1
S10E 1+80N 0+00N	1	48	13	59	.2	16	31	1084	4.86	2	5	ND	2	12	2	2	2	134	.69	.05	4	103	.31	15	.22	2	5.00	.01	.03	1	1
S10E 1+80N 0+10E	1	42	11	27	.2	5	1	125	12.58	4	5	ND	3	8	2	2	2	310	.14	.02	15	100	.12	9	.61	2	2.15	.01	.01	1	1
S10E 1+80N 0+20E	1	23	8	18	.1	4	1	106	7.51	2	5	ND	2	15	1	2	2	168	.18	.02	6	55	.13	9	.47	2	1.56	.01	.01	1	6
S10E 1+80N 0+30E	1	8	12	25	.1	3	1	133	.40	2	5	ND	1	30	1	2	2	11	.38	.07	5	4	.17	47	.04	12	.17	.02	.06	1	1
S10E 1+80N 0+40E	1	22	10	22	.1	4	1	99	7.41	3	5	ND	3	9	2	2	2	191	.14	.03	12	79	.10	10	.43	2	3.06	.01	.01	1	1
STD C/FA-AU	19	59	40	137	6.8	68	27	1168	3.98	38	18	7	37	48	18	15	21	58	.48	.15	37	60	.88	181	.08	39	1.72	.06	.12	11	55

"Lucky" Soil Grid

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
S108 1+80N 0+50E	10	26	65	48	.3	6	2	262	7.65	6	5	ND	3	16	1	2	2	240	.17	.02	12	79	.21	9	.39	2	1.94	.01	.02	1	4
S108 1+80N 0+60E	1	8	16	18	.4	6	1	84	.23	2	5	ND	1	22	1	2	2	13	.38	.07	2	2	.09	14	.03	6	.13	.02	.06	1	1
S108 1+80N 0+70E	4	31	12	42	.3	10	2	297	4.03	2	5	ND	2	16	1	2	2	153	.36	.03	6	74	.27	11	.36	2	1.62	.01	.02	1	1
S108 1+80N 0+80E	9	14	16	36	.3	8	11	578	7.97	5	5	ND	3	20	2	2	2	237	.27	.02	12	63	.27	17	.47	2	1.62	.01	.03	1	2
S108 1+80N 0+90E	4	16	7	11	.3	2	1	51	3.39	2	6	ND	2	9	1	2	2	197	.13	.01	8	29	.05	4	.58	2	.52	.01	.01	1	4
S108 1+80N 1+00E	1	8	6	19	.3	3	1	76	.21	2	5	ND	1	27	1	2	2	15	2.24	.04	2	14	.12	9	.02	10	.12	.01	.03	1	1
S108 1+60N 1+00N	1	2	2	4	.1	1	1	12	.14	2	5	ND	2	3	1	2	2	7	.04	.01	11	2	.02	7	.01	5	.28	.01	.02	1	2
S108 1+60N 0+90N	1	2	2	4	.2	1	1	12	.07	2	5	ND	3	2	1	2	2	7	.02	.01	20	1	.02	7	.01	3	.51	.01	.02	1	1
S108 1+60N 0+80N	1	3	5	4	.1	1	1	41	.08	2	5	ND	2	6	1	2	2	2	.12	.03	14	1	.03	15	.01	4	.23	.01	.03	1	1
S108 1+60N 0+70N	6	29	9	15	.2	1	3	158	5.74	15	5	ND	2	4	1	2	2	159	.03	.01	9	10	.06	15	.02	2	1.36	.01	.02	1	12
S108 1+60N 0+60N	8	26	12	19	.3	4	1	81	9.12	6	5	ND	3	6	2	2	2	269	.09	.02	8	75	.14	12	.53	2	1.19	.01	.02	1	1
S108 1+60N 0+50N	1	8	11	36	.2	4	1	68	.44	3	5	ND	1	27	1	2	2	17	.50	.06	2	7	.14	9	.03	5	.20	.02	.05	1	1
S108 1+60N 0+40N	3	58	23	33	.3	15	8	516	2.49	6	5	ND	2	12	1	2	2	75	.22	.08	12	50	.36	40	.11	5	1.65	.01	.07	1	1
S108 1+60N 0+30N	7	16	12	30	.2	5	1	128	5.22	2	5	ND	2	15	1	2	2	177	.16	.02	10	43	.26	12	.43	3	1.55	.01	.02	1	2
S108 1+60N 0+20N	7	59	27	102	.3	18	26	682	7.21	2	5	ND	4	15	2	2	2	239	.38	.03	5	81	.38	28	.32	2	4.55	.01	.03	1	1
S108 1+60N 0+10N	4	28	15	46	.2	16	23	1857	4.14	5	5	ND	1	20	1	2	3	137	.76	.04	9	44	.53	30	.27	6	1.66	.01	.02	1	1
S108 1+60N 0+00E	5	17	8	15	.2	3	1	84	6.45	6	5	ND	2	8	1	2	2	198	.09	.02	10	46	.08	9	.36	2	1.22	.01	.02	1	1
S108 1+60N 0+10E	1	7	14	29	.1	2	1	74	.22	2	5	ND	1	40	1	2	2	7	.43	.06	2	2	.12	53	.01	6	.14	.02	.04	1	1
S108 1+60N 0+20E	3	8	10	10	.1	2	1	64	2.23	2	5	ND	1	6	1	2	2	117	.07	.02	8	15	.08	17	.29	4	.68	.01	.02	1	1
S108 1+60N 0+30E	3	21	12	29	.2	6	2	230	2.42	2	5	ND	2	21	1	2	3	88	.30	.07	17	20	.36	59	.22	5	.78	.02	.04	1	6
S108 1+60N 0+40E	1	8	19	16	.2	4	1	221	.29	2	5	ND	1	24	1	2	2	13	.51	.04	3	2	.10	69	.04	11	.19	.01	.05	1	1
S108 1+60N 0+50E	1	6	13	17	.1	2	1	408	.36	2	5	ND	1	17	1	2	3	8	.73	.07	2	2	.07	33	.02	8	.09	.01	.04	1	1
S108 1+60N 0+65E	1	5	5	14	.1	2	1	20	.07	2	5	ND	1	23	1	2	2	2	.48	.05	10	2	.10	50	.01	14	.06	.02	.04	1	1
S108 1+60N 0+72E	2	9	11	16	.1	4	1	62	1.78	2	5	ND	1	11	1	2	2	144	.22	.03	7	23	.12	15	.40	5	.29	.02	.03	1	1
S108 1+60N 0+80E	5	50	18	45	.3	14	20	4091	3.58	4	5	ND	1	29	1	2	2	131	1.66	.07	11	110	.28	52	.24	8	1.97	.01	.03	1	1
S108 1+60N 0+90E	2	16	20	21	.1	5	1	335	1.36	2	5	ND	1	20	1	2	2	126	.60	.04	5	29	.13	16	.36	8	.36	.01	.03	1	1
S108 1+60N 1+00E	1	6	13	28	.2	2	1	72	.27	3	5	ND	1	19	1	2	2	10	.42	.07	2	4	.09	9	.03	6	.19	.01	.06	1	1
S108 1+40N 1+00N	1	2	9	6	.1	1	1	31	.35	2	5	ND	1	5	1	2	2	38	.06	.01	8	2	.02	8	.08	4	.39	.01	.02	1	4
S108 1+40N 0+90N	1	4	5	4	.1	1	1	10	.37	5	5	ND	2	2	1	2	2	16	.02	.01	15	1	.02	13	.01	3	.56	.01	.02	1	1
S108 1+40N 0+80N	1	6	15	21	.1	2	1	85	.26	2	5	ND	1	14	1	2	2	4	.48	.07	3	1	.07	17	.01	7	.19	.01	.05	1	4
S108 1+40N 0+70N	1	4	3	5	.1	1	1	10	.45	4	5	ND	3	1	1	2	2	8	.02	.01	16	1	.02	13	.01	3	.60	.01	.02	1	1
S108 1+40N 0+60N	8	29	10	26	.3	7	1	180	7.74	6	5	ND	3	9	2	2	2	232	.15	.02	12	84	.27	12	.38	5	1.60	.01	.02	1	1
S108 1+40N 0+50N	8	31	11	24	.1	5	1	77	7.70	5	5	ND	1	9	2	2	2	272	.19	.02	12	73	.15	7	.49	5	1.32	.01	.01	1	1
S108 1+40N 0+40N	5	20	10	25	.1	9	1	202	4.70	3	5	ND	2	14	1	2	2	190	.26	.02	9	48	.34	18	.38	11	1.20	.01	.02	1	4
S108 1+40N 0+26N	1	6	8	18	.1	3	1	75	.60	2	5	ND	1	27	1	2	2	31	.28	.04	5	6	.12	30	.06	7	.15	.02	.03	1	1
S108 1+40N 0+10N	6	39	22	88	.3	17	54	5319	4.49	9	5	ND	1	24	2	2	2	127	1.14	.08	11	54	.34	51	.19	9	3.07	.02	.03	1	1
STD C/FA-AU	20	59	40	134	6.9	67	27	1146	3.98	39	18	7	36	50	19	16	22	57	.48	.15	41	60	.88	180	.08	41	1.72	.06	.11	11	54

"Lucky" Soil Grid

SAMPLE	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
S108 1+40N 0+10W	1	22	13	39	.2	20	9	479	5.21	2	5	ND	1	12	1	2	2	120	.39	.03	6	58	.86	10	.34	8	1.47	.01	.04	1	2
S108 1+40N 0+00W	1	8	10	13	.2	2	1	64	5.87	2	13	ND	2	4	1	2	2	180	.06	.01	8	23	.05	8	.36	7	.84	.01	.02	1	34
S108 1+40N 0+10E	3	5	10	9	.1	2	1	39	.95	2	5	ND	1	6	1	2	3	80	.07	.02	4	12	.06	9	.25	3	.69	.01	.02	1	1
S108 1+40N 0+20E	15	20	20	64	.2	7	21	715	9.02	10	15	ND	3	7	2	2	2	213	.11	.03	6	59	.22	12	.30	8	2.66	.01	.02	1	4
S108 1+40N 0+30E	3	56	28	63	.3	15	35	2634	3.70	5	5	ND	1	20	2	2	2	107	.94	.09	11	79	.18	26	.19	11	2.52	.01	.03	1	2
S108 1+40N 0+40E	1	6	6	8	.1	2	1	100	.41	2	5	ND	1	3	1	2	2	23	.05	.02	2	6	.02	7	.05	4	.37	.01	.02	1	1
S108 1+40N 0+50E	1	7	22	18	.2	4	1	221	.14	2	5	ND	1	28	1	2	2	5	.77	.07	4	4	.13	70	.01	9	.09	.02	.05	1	1
S108 1+40N 0+60E	1	6	10	22	.2	2	1	61	.09	2	5	ND	1	32	1	2	2	2	.31	.06	2	1	.12	23	.01	6	.09	.02	.04	1	1
S108 1+40N 0+70E	1	5	17	16	.1	1	1	409	.50	2	5	ND	1	9	1	2	2	16	.11	.04	2	3	.07	15	.05	4	.46	.01	.05	1	1
S108 1+40N 0+80E	1	27	15	20	.2	5	1	180	6.09	4	5	ND	1	13	1	2	2	147	.16	.06	7	38	.13	12	.30	7	.75	.01	.04	1	1
S108 1+40N 0+90E	2	14	10	20	.1	3	1	68	5.28	2	5	ND	1	6	1	2	2	205	.11	.02	8	47	.05	8	.33	8	.95	.01	.01	1	1
S108 1+40N 1+00E	3	13	13	27	.2	4	1	295	6.45	6	5	ND	1	8	2	2	2	205	.16	.03	8	49	.13	7	.37	10	1.34	.01	.02	1	1
S108 1+21N 0+22N	3	17	17	43	.2	6	44	2358	6.68	5	5	ND	1	14	2	2	2	177	.31	.03	9	60	.24	16	.38	12	1.36	.01	.02	1	4
S108 1+20N 1+00W	1	7	31	11	.1	5	1	67	.87	2	5	ND	1	8	1	2	2	128	.12	.02	4	23	.15	6	.42	6	.47	.01	.02	1	1
S108 1+20N 0+90W	1	7	17	8	.1	2	1	49	1.19	2	5	ND	1	7	1	2	2	134	.12	.01	5	12	.05	4	.40	4	.35	.01	.01	1	4
S108 1+20N 0+80W	2	8	13	19	.3	9	5	112	12.30	18	5	ND	2	2	4	2	2	248	.05	.02	8	93	.13	7	.02	13	1.06	.01	.02	1	10
S108 1+20N 0+70W	1	20	15	14	.1	2	1	54	6.93	13	5	ND	1	5	2	2	2	164	.08	.01	10	31	.03	6	.26	10	1.15	.01	.01	1	1
S108 1+20N 0+60W	2	8	11	15	.1	2	1	70	3.15	2	5	ND	1	9	1	2	2	120	.20	.01	5	22	.04	14	.26	4	.86	.01	.01	1	4
S108 1+20N 0+50W	1	9	14	17	.1	3	1	64	6.09	5	5	ND	2	6	1	2	2	116	.10	.01	11	28	.09	9	.21	7	.97	.01	.01	1	1
S108 1+20N 0+40W	1	18	34	36	.1	7	3	226	1.93	5	5	ND	1	12	1	2	3	76	.24	.07	9	22	.17	22	.17	8	.64	.02	.05	1	6
S108 1+20N 0+30W	4	33	15	56	.1	13	5	235	7.95	15	5	ND	2	11	2	2	2	202	.33	.05	10	89	.53	16	.33	14	2.70	.02	.03	1	2
S108 1+19N 0+10W	1	10	10	17	.1	3	1	303	3.96	2	5	ND	1	7	1	2	2	228	.14	.02	9	23	.13	12	.43	7	.68	.01	.02	1	16
S108 1+00N 1+00W	1	8	6	11	.1	2	1	35	.62	2	5	ND	1	11	1	2	2	154	.20	.03	4	25	.05	7	.60	4	.29	.01	.03	1	24
S108 1+00N 0+90W	2	13	35	15	.1	1	1	38	5.18	2	5	ND	1	6	1	2	2	323	.07	.01	13	52	.04	9	.68	12	.85	.01	.01	1	1
S108 1+00N 0+80W	1	6	9	17	.1	3	1	61	.23	2	5	ND	1	26	1	2	2	11	.32	.05	2	3	.12	20	.03	6	.14	.02	.03	1	1
S108 1+00N 0+70W	1	9	17	24	.1	3	1	198	.42	2	5	ND	1	18	1	2	2	21	.33	.07	2	7	.10	18	.05	8	.12	.02	.04	1	1
S108 1+00N 0+60W	1	3	7	6	.1	2	1	30	.35	2	5	ND	1	5	1	2	2	52	.09	.01	5	16	.05	7	.18	3	.41	.01	.01	1	14
S108 1+00N 0+50W	1	25	11	14	.1	7	1	108	5.76	16	5	ND	1	5	2	2	2	219	.10	.01	10	46	.09	15	.23	8	1.05	.01	.01	1	160
S108 1+00N 0+40W	1	43	12	12	.1	5	1	80	1.73	2	5	ND	1	12	1	2	2	176	.18	.02	5	33	.08	5	.53	5	.22	.01	.02	1	12
S108 1+00N 0+30W	1	24	8	19	.1	6	1	90	6.76	2	5	ND	1	6	1	2	2	254	.10	.01	8	68	.22	6	.51	10	.87	.01	.01	1	6
S108 1+00N 0+20W	2	57	16	33	.1	9	1	119	11.60	7	5	ND	1	6	3	2	2	262	.10	.02	12	98	.26	14	.51	16	2.68	.01	.01	1	6
S108 1+00N 0+10W	1	15	15	17	.1	6	2	139	3.34	3	5	ND	1	10	1	2	2	128	.15	.04	10	28	.13	24	.26	10	.95	.01	.03	1	2
S108 1+00N 0+00W	1	11	6	9	.1	2	1	85	1.14	2	5	ND	1	4	1	2	2	75	.06	.01	15	10	.03	12	.15	5	.58	.01	.01	1	3
STD C/FA-AU	20	61	39	138	7.0	71	27	1150	3.97	39	19	7	37	52	18	15	19	58	.48	.15	40	59	.88	189	.08	39	1.72	.06	.12	11	55

"Lucky" Soil Grid

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
S108 0+18S 1+00W	1	46	8	44	.2	18	8	568	4.35	8	5	ND	2	20	1	3	2	118	.32	.04	8	59	.69	43	.30	8	2.36	.01	.02	1	4
S108 0+18S 0+67E	1	21	11	13	.3	5	1	34	1.09	2	5	ND	1	9	1	2	2	61	.15	.15	4	26	.06	10	.20	6	.94	.01	.04	1	1
S108 0+20S 0+80W	4	42	4	38	.4	12	4	510	6.14	19	5	ND	2	17	1	2	2	166	.29	.05	10	85	.44	28	.45	10	2.02	.01	.02	1	2
S108 0+20S 0+69W	1	33	7	41	.2	12	6	344	3.60	9	5	ND	2	13	1	2	2	78	.19	.04	8	38	.58	45	.18	8	1.94	.01	.02	1	1
S108 0+20S 0+60W	1	39	11	44	.2	13	10	1419	3.07	8	5	ND	1	22	1	2	2	67	.38	.09	8	35	.49	61	.15	8	1.91	.01	.02	1	1
S108 0+20S 0+50W	1	22	7	30	.3	10	3	254	3.03	5	5	ND	1	14	1	2	2	76	.23	.05	6	34	.40	38	.17	7	1.39	.01	.03	1	2
S108 0+20S 0+30W	1	38	12	48	.3	15	14	1608	2.88	5	5	ND	2	23	1	2	2	69	.63	.07	5	33	.57	54	.17	8	1.80	.01	.04	1	2
S108 0+20S 0+21W	1	47	8	57	.2	18	18	1456	4.20	8	5	ND	1	18	1	2	2	97	.42	.06	10	51	.75	63	.22	10	2.59	.01	.02	1	2
S108 0+20S 0+08W	1	33	6	44	.2	13	6	349	3.84	9	5	ND	3	12	1	2	2	79	.20	.04	8	35	.61	48	.18	9	1.85	.01	.03	1	1
S108 0+20S 0+02E	1	41	5	53	.1	18	12	920	3.55	15	5	ND	1	17	1	2	2	84	.50	.05	10	44	.72	41	.20	10	1.98	.01	.02	1	2
S108 0+20S 0+28E	1	63	2	52	.3	26	7	301	3.50	8	5	ND	2	14	1	2	2	119	.31	.04	8	91	.79	25	.42	8	3.49	.01	.02	1	6
S108 0+20S 0+40E	1	17	7	13	.3	3	1	94	5.81	4	5	ND	1	6	1	2	2	204	.07	.03	10	41	.07	8	.46	9	1.02	.01	.01	1	2
S108 0+20S 0+50E	1	55	4	15	.4	5	1	95	8.80	11	5	ND	1	3	1	2	2	317	.05	.03	12	99	.10	8	.42	12	1.51	.01	.02	1	2
S108 0+20S 0+60E	1	9	7	13	.2	4	1	51	2.69	7	5	ND	1	9	1	2	2	175	.15	.05	5	33	.07	7	.42	7	.58	.01	.03	1	1
S108 0+20S 0+81E	1	9	12	13	.4	3	1	64	1.53	5	5	ND	1	17	1	2	2	211	.23	.04	4	34	.07	8	.69	4	.58	.01	.03	1	2
S108 0+20S 0+91E	1	8	17	18	.1	4	1	77	.26	2	5	ND	1	24	1	2	2	7	.32	.11	2	4	.10	38	.04	10	.23	.02	.07	1	1
S108 0+20S 1+00E	1	2	7	6	.1	1	1	50	.47	4	5	ND	1	4	1	2	2	97	.05	.02	4	9	.02	9	.35	2	.59	.01	.02	1	3
S108 0+21S 0+88W	3	41	2	40	.2	14	7	553	3.60	7	5	ND	2	17	1	2	2	139	.30	.06	7	63	.53	39	.30	7	2.59	.01	.02	1	2
S108 0+38S 0+68W	2	21	5	20	.1	6	1	139	1.07	9	5	ND	1	13	1	2	2	51	.17	.11	6	27	.25	32	.14	5	1.60	.01	.02	1	2
S108 0+40S 1+03W	6	4	9	9	.1	2	1	127	1.06	7	5	ND	1	9	1	2	2	73	.10	.05	5	16	.04	12	.23	4	.74	.01	.02	1	2
S108 0+40S 0+90W	5	29	6	30	.2	8	5	1726	5.02	10	5	ND	2	13	1	2	2	150	.26	.06	8	69	.25	16	.41	9	2.35	.01	.01	1	5
S108 0+40S 0+80W	4	22	12	25	.4	7	2	1190	4.18	10	5	ND	1	12	1	2	2	152	.21	.07	9	57	.29	19	.40	9	2.02	.01	.02	1	2
S108 0+40S 0+58W	3	23	9	26	.2	8	1	147	5.35	15	5	ND	1	12	1	2	2	178	.22	.03	11	58	.31	14	.36	11	1.94	.01	.01	1	4
S108 0+40S 0+50W	1	28	5	32	.2	13	4	239	2.13	5	5	ND	1	14	1	2	2	68	.27	.05	5	35	.54	26	.20	6	1.82	.01	.02	1	6
S108 0+40S 0+41W	1	47	6	42	.2	13	9	289	4.26	9	5	ND	2	11	1	2	2	96	.20	.04	6	49	.57	37	.21	8	2.72	.01	.01	1	1
S108 0+40S 0+31W	1	41	5	50	.1	18	10	811	3.72	9	5	ND	1	17	1	2	2	87	.30	.05	10	47	.78	43	.21	10	2.20	.01	.02	1	1
S108 0+40S 0+20W	1	42	10	52	.1	17	15	1832	3.77	14	5	ND	1	17	1	2	2	83	.33	.04	9	44	.73	47	.20	9	2.16	.01	.02	1	2
S108 0+40S 0+10W	1	25	14	43	.2	13	12	1429	3.36	7	5	ND	1	16	1	2	2	77	.29	.07	7	33	.55	49	.16	9	1.91	.01	.03	1	1
S108 0+40S 0+00W	1	36	7	50	.1	15	11	774	3.65	7	5	ND	1	16	1	2	2	81	.33	.05	10	41	.65	59	.18	10	2.03	.01	.02	1	1
S108 0+40S 0+10E	1	44	6	52	.1	17	21	941	4.50	10	5	ND	1	14	1	2	2	102	.28	.05	13	52	.73	48	.24	11	2.63	.01	.01	1	2
S108 0+40S 0+15E	1	40	7	40	.1	14	8	463	4.08	7	5	ND	2	13	1	2	2	103	.25	.05	8	48	.61	29	.23	9	2.00	.01	.02	1	1
S108 0+40S 0+30E	1	40	17	49	.2	17	16	1964	3.12	9	5	ND	1	22	1	2	2	73	.56	.09	8	39	.59	63	.18	9	1.97	.01	.03	1	1
S108 0+40S 0+40E	1	38	12	52	.1	17	14	1504	3.36	7	5	ND	1	20	1	2	2	77	.50	.07	8	42	.69	53	.19	9	1.92	.01	.02	1	4
S108 0+40S 0+50E	1	41	5	53	.1	17	12	1186	3.35	9	5	ND	1	18	1	2	2	78	.44	.06	10	44	.68	49	.19	10	2.02	.01	.02	1	2
S108 0+40S 0+60E	1	34	7	34	.1	12	13	1046	3.17	9	5	ND	1	11	1	2	2	75	.20	.07	8	38	.52	28	.17	11	1.84	.01	.03	1	7
S108 0+40S 0+80E	1	16	6	23	.1	7	1	172	3.23	8	5	ND	1	11	1	2	2	93	.15	.03	8	31	.30	19	.20	8	1.39	.01	.01	1	2
STD C/FA-AU	20	62	42	129	7.0	67	28	1189	3.99	39	19	7	35	47	18	16	19	59	.48	.16	40	61	.88	189	.08	40	1.73	.07	.12	11	54

"Lucky" Soil Grid

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
S108 0+40S 0+90E	2	29	12	37	.1	14	10	916	4.04	8	7	ND	2	13	1	2	2	96	.21	.06	2	44	.52	20	.22	2	1.87	.01	.03	1	2
S108 0+40S 1+00E	2	30	8	38	.1	13	5	378	4.13	4	5	ND	2	14	1	2	2	98	.21	.04	3	45	.55	21	.23	3	1.68	.01	.02	1	1
S108 0+42S 0+69E	2	37	7	58	.1	20	10	946	3.29	5	5	ND	2	21	1	2	2	74	.43	.04	2	40	.79	40	.19	3	1.85	.01	.02	1	26
S108 0+58S 0+00W	2	33	7	43	.1	12	10	742	4.28	7	5	ND	2	18	1	2	2	98	.30	.05	5	41	.46	52	.21	2	2.12	.01	.01	1	8
S108 0+59S 0+60E	2	28	11	35	.2	12	4	264	4.33	9	6	ND	3	12	1	2	2	100	.19	.05	3	39	.48	36	.21	2	2.06	.01	.02	1	1
S108 0+60S 1+00W	3	12	16	23	.1	6	2	201	.96	5	5	ND	1	22	1	2	2	39	.29	.08	4	16	.19	26	.10	3	1.14	.01	.01	1	1
S108 0+60S 0+89W	5	9	11	30	.1	7	6	1604	2.21	7	5	ND	1	21	1	2	2	71	.26	.06	5	26	.25	27	.16	3	1.67	.01	.02	1	4
S108 0+60S 0+80W	11	26	13	45	.1	14	7	870	4.04	14	6	ND	2	15	1	2	4	141	.24	.09	8	63	.40	26	.33	3	3.27	.01	.01	1	6
S108 0+60S 0+70W	7	11	8	23	.1	7	1	126	.84	4	5	ND	2	16	1	2	2	64	.20	.07	6	31	.17	21	.18	2	1.69	.01	.02	1	2
S108 0+60S 0+61W	14	16	14	31	.1	6	4	371	3.30	13	5	ND	2	13	1	2	2	140	.16	.13	11	51	.14	24	.22	2	2.92	.01	.01	1	2
S108 0+60S 0+40W	3	24	13	46	.1	15	20	1514	3.65	7	5	ND	2	14	1	2	2	70	.11	.08	9	45	.47	40	.07	5	2.75	.01	.02	1	1
S108 0+60S 0+28W	4	37	15	40	.1	11	12	638	6.07	17	5	ND	2	11	1	2	2	137	.11	.09	11	55	.35	34	.21	5	3.77	.01	.01	1	1
S108 0+60S 0+20W	4	29	15	48	.3	11	28	5390	3.80	9	5	ND	2	31	1	2	2	84	.41	.10	5	34	.43	59	.17	4	2.43	.01	.02	1	1
S108 0+60S 0+10W	2	27	14	35	.1	11	4	455	4.64	3	5	ND	2	15	1	2	2	109	.27	.05	4	39	.47	32	.23	3	1.74	.01	.02	1	1
S108 0+60S 0+10E	2	37	11	62	.1	16	22	3896	4.18	5	5	ND	2	21	1	2	2	86	.33	.07	3	43	.70	58	.19	3	2.45	.01	.02	1	4
S108 0+60S 0+20E	2	43	16	55	.2	14	17	3722	2.88	2	5	ND	2	32	1	2	2	63	.47	.11	5	31	.46	64	.13	4	2.32	.01	.03	1	2
S108 0+60S 0+30E	2	29	9	38	.1	11	8	675	3.12	5	5	ND	2	17	1	2	2	75	.24	.06	6	33	.44	51	.17	2	2.04	.01	.01	1	1
S108 0+60S 0+39E	1	43	10	53	.1	20	13	1216	3.88	7	5	ND	2	18	1	2	2	89	.31	.05	4	43	.77	45	.22	3	2.25	.01	.02	1	1
S108 0+60S 0+49E	1	44	10	58	.1	19	12	1154	3.60	2	5	ND	3	23	1	2	2	84	.50	.05	2	42	.73	52	.20	3	2.19	.01	.02	1	2
S108 0+60S 0+70E	2	31	18	40	.1	12	4	318	3.76	5	5	ND	2	12	1	2	2	82	.16	.06	4	33	.52	45	.16	2	2.26	.01	.02	1	4
S108 0+60S 0+80E	3	72	8	67	.1	28	17	420	4.62	7	5	ND	3	17	1	2	2	134	.36	.05	3	71	.94	39	.30	2	3.07	.01	.01	1	2
S108 0+60S 0+89E	1	48	7	63	.2	23	13	1021	3.67	2	5	ND	2	23	1	2	2	87	.53	.05	2	47	.82	50	.22	2	2.29	.01	.02	1	6
S108 0+60S 0+97E	1	44	13	27	.1	11	2	258	5.81	7	5	ND	4	13	1	2	2	175	.24	.03	3	77	.22	27	.34	2	2.37	.01	.01	1	4
S108 0+61S 0+50W	5	28	15	46	.1	13	13	466	4.05	11	5	ND	2	12	1	2	2	92	.12	.13	13	46	.42	31	.10	4	3.64	.01	.02	1	6
S108 0+78S 0+80W	10	20	18	61	.1	9	21	1846	4.91	11	5	ND	2	14	1	2	2	113	.19	.25	11	48	.21	44	.17	3	3.70	.01	.02	1	2
S108 0+80S 1+00W	1	16	8	29	.1	9	1	157	4.91	4	5	ND	2	11	1	2	2	127	.14	.07	2	34	.28	17	.31	2	2.75	.01	.02	1	10
S108 0+80S 0+90W	2	8	12	20	.1	6	1	232	5.83	4	5	ND	2	9	1	2	2	162	.13	.04	6	31	.24	16	.37	2	1.22	.01	.01	1	1
S108 0+80S 0+70W	3	12	13	25	.1	8	3	376	2.22	5	5	ND	2	10	1	2	2	56	.09	.07	6	26	.25	27	.08	4	1.72	.01	.03	1	1
S108 0+80S 0+60W	5	18	11	43	.1	11	27	2852	5.02	8	5	ND	1	15	1	2	2	85	.13	.07	8	44	.42	46	.07	5	2.50	.01	.02	1	1
S108 0+80S 0+50W	2	25	11	42	.1	12	11	517	4.58	6	5	ND	3	11	1	2	2	72	.08	.05	8	47	.42	37	.07	6	2.69	.01	.02	1	1
S108 0+80S 0+40W	2	37	16	53	.1	16	10	814	4.78	8	5	ND	3	11	1	2	2	78	.08	.10	8	53	.50	33	.09	5	4.03	.01	.02	1	4
S108 0+80S 0+20W	2	22	12	26	.1	7	1	189	7.51	9	5	ND	5	6	1	2	2	148	.06	.04	4	54	.26	19	.22	2	2.49	.01	.02	1	44
S108 0+80S 0+08W	1	9	6	16	.1	4	1	142	2.91	6	5	ND	2	7	1	2	2	64	.06	.03	7	20	.16	22	.07	4	1.16	.01	.01	1	3
S108 0+80S 0+00W	1	14	8	24	.1	5	4	305	3.77	3	5	ND	2	13	1	2	2	79	.14	.05	3	27	.19	42	.08	2	1.49	.01	.02	1	1
S108 0+80S 0+12E	2	31	8	41	.1	12	8	452	4.14	8	5	ND	1	20	1	2	2	92	.29	.05	5	35	.49	60	.20	4	2.14	.01	.01	1	1
S108 0+80S 0+20E	1	20	5	23	.1	6	5	413	2.72	2	5	ND	1	23	1	2	2	72	.30	.06	5	21	.22	63	.15	3	1.37	.01	.01	1	10
STD C/FA-AU	19	60	42	134	6.7	70	26	1129	3.95	41	18	7	38	51	17	15	21	56	.48	.15	38	58	.88	185	.08	38	1.73	.06	.12	11	52

"Lucky" Soil Grid

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
S108 0+80S 0+30E	2	23	13	29	.1	10	4	378	3.45	8	5	ND	2	19	1	2	4	81	.27	.05	9	31	.37	40	.15	2	1.80	.01	.02	1	1
S108 0+80S 0+40E	2	37	14	59	.2	16	24	3827	6.18	5	5	ND	1	19	1	2	4	91	.29	.07	8	41	.65	57	.18	6	2.52	.01	.03	1	1
S108 0+80S 0+50E	3	48	14	64	.2	21	18	2257	4.38	8	5	ND	2	22	2	2	2	102	.34	.05	11	49	.80	50	.23	6	2.58	.01	.02	1	1
S108 0+80S 0+60E	2	28	12	45	.1	14	18	3065	3.28	7	5	ND	1	22	2	2	2	73	.34	.06	9	33	.52	64	.13	3	2.11	.01	.02	1	1
S108 0+80S 0+80E	2	44	14	56	.2	15	13	1680	3.62	10	5	ND	2	21	1	2	2	75	.38	.06	9	32	.63	55	.15	2	2.48	.01	.02	1	6
S108 0+80S 0+88E	1	38	18	46	.1	16	12	942	3.71	7	5	ND	2	18	1	2	2	89	.32	.06	8	35	.63	58	.17	3	2.23	.01	.03	1	4
S108 0+80S 1+00E	1	42	16	62	.1	19	14	1534	3.25	5	5	ND	1	25	2	2	2	76	.58	.06	7	37	.67	54	.17	3	2.15	.01	.02	1	1
S108 0+83S 0+31W	2	29	15	41	.1	12	6	421	4.65	10	5	ND	3	12	2	2	2	88	.10	.04	16	44	.38	33	.08	2	3.12	.01	.02	1	1
S108 0+83S 0+70E	2	38	13	46	.1	14	8	486	4.58	9	5	ND	2	20	2	2	2	103	.35	.04	8	43	.59	60	.20	3	2.65	.01	.02	1	1
S108 1+00S 1+00W	1	11	12	13	.1	3	1	160	4.30	6	5	ND	2	8	1	2	2	130	.08	.03	7	15	.07	15	.14	2	1.45	.01	.02	1	1
S108 1+00S 0+90W	1	7	13	15	.1	2	1	124	3.28	8	5	ND	2	12	1	2	2	134	.14	.03	4	15	.09	9	.40	2	.76	.01	.03	1	1
S108 1+00S 0+80W	1	7	28	20	.1	3	1	428	.11	2	5	ND	1	23	1	2	2	3	.38	.09	2	1	.10	37	.01	9	.10	.03	.04	1	1
S108 1+00S 0+70W	1	6	11	20	.2	4	1	86	.32	2	5	ND	1	28	1	2	2	8	.38	.16	3	3	.06	37	.01	9	.34	.01	.04	1	1
S108 1+00S 0+60W	4	21	19	33	.2	7	45	3022	3.71	10	5	ND	1	12	1	2	2	73	.11	.10	10	27	.23	27	.07	5	2.65	.01	.03	1	6
S108 1+00S 0+50W	1	9	16	22	.1	6	4	359	4.02	9	5	ND	3	19	1	2	2	80	.17	.02	9	34	.22	82	.04	2	1.66	.01	.02	1	1
S108 1+00S 0+40W	2	17	20	33	.1	10	9	1261	3.73	12	5	ND	1	17	2	2	2	62	.16	.07	13	36	.25	59	.03	4	2.19	.01	.02	1	1
S108 1+00S 0+30W	3	26	18	51	.1	11	12	765	4.17	12	5	ND	2	11	2	2	3	70	.10	.07	14	48	.35	43	.03	6	3.15	.01	.02	1	1
S108 1+00S 0+20W	1	14	24	31	.2	11	9	3631	.57	2	5	ND	1	68	1	2	2	11	.86	.14	8	6	.10	124	.01	9	1.37	.01	.02	1	1
S108 1+00S 0+10W	1	14	16	32	.1	8	14	1165	3.25	5	5	ND	2	17	1	2	2	62	.17	.07	10	28	.27	41	.03	5	2.25	.01	.03	1	6
S108 1+00S 0+00W	1	20	17	47	.1	17	11	844	2.48	9	5	ND	1	16	1	2	2	40	.17	.09	9	32	.55	38	.04	6	1.40	.02	.04	1	1
S108 1+00S 0+10E	1	23	15	35	.1	12	8	687	3.63	12	5	ND	1	14	2	2	2	63	.13	.07	10	34	.37	48	.03	4	2.54	.01	.02	1	1
S108 1+00S 0+30E	1	18	17	36	.2	13	10	927	2.87	12	5	ND	2	18	1	2	2	52	.17	.07	8	32	.43	54	.04	5	1.66	.01	.03	1	1
S108 1+00S 0+43E	1	25	14	46	.1	14	16	2085	3.51	16	5	ND	1	17	1	2	2	62	.17	.04	10	38	.53	52	.06	4	2.15	.01	.03	1	10
S108 1+00S 0+50E	1	35	12	47	.1	14	9	550	4.09	7	5	ND	2	18	1	2	2	100	.23	.03	7	46	.39	51	.19	2	2.58	.01	.01	1	1
S108 1+00S 0+62E	1	21	11	24	.1	8	1	191	4.32	6	5	ND	2	16	1	2	2	111	.22	.02	6	41	.33	14	.27	2	1.50	.01	.01	1	1
S108 1+00S 0+71E	2	44	12	50	.1	18	14	966	3.98	9	5	ND	2	18	1	2	2	93	.28	.04	9	45	.68	39	.19	4	2.44	.01	.01	1	1
S108 1+00S 0+79E	1	19	7	27	.1	9	2	230	3.30	3	5	ND	2	16	1	2	2	85	.23	.04	7	30	.34	25	.19	2	1.50	.01	.02	1	1
S108 1+00S 0+91E	2	40	16	50	.1	14	35	4672	4.15	6	5	ND	1	20	2	2	2	100	.28	.05	9	39	.51	69	.18	2	2.46	.01	.01	1	1
S108 1+00S 1+00E	2	36	15	49	.1	16	17	3354	3.43	9	5	ND	1	20	2	2	2	79	.29	.05	10	33	.44	53	.17	7	2.23	.01	.02	1	1
S108 1+02S 0+23E	1	24	17	47	.1	14	15	1602	3.63	14	5	ND	1	18	1	2	2	65	.17	.07	11	38	.55	63	.04	8	2.40	.01	.03	1	1
STD C/FA-AU	20	60	40	136	7.3	70	27	1146	3.96	38	19	7	38	51	18	16	21	57	.48	.15	39	55	.88	183	.08	40	1.72	.06	.11	11	53

Lucky Soil Grid

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN,FE,CA,P,CR,MG,BA,TI,B,AL,NA,K,W,SI,ZR,CE,SN,Y,NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JUNE 25 1985 DATE REPORT MAILED: July 2/85 ASSAYER: V. Saundry. DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT - 303-608-001-108 FILE # 85-1100 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
S-108 0+65N 0+33W	1	22	14	15	.4	1	1	58	10.38	2	5	ND	6	4	1	2	2	412	.06	.02	6	82	.08	11	.67	2	1.31	.01	.02	1	5
S-108 0+60N 0+37W-2	3	31	16	35	.5	7	3	118	10.02	2	5	ND	7	9	1	2	2	296	.14	.03	5	79	.31	13	.39	2	2.14	.01	.02	1	4
S-108 0+60N 0+10W-2	1	11	9	14	.3	2	1	84	6.79	2	5	ND	5	10	1	2	2	248	.12	.02	7	51	.05	9	.59	2	.98	.01	.01	1	27
S-108 0+60N 0+00W-2	1	4	11	4	.3	1	1	35	.57	2	5	ND	1	4	1	2	2	164	.06	.01	5	13	.03	4	.37	4	.17	.01	.01	1	210
S-108 0+41N 0+76E-2	1	3	19	5	.5	1	1	53	.31	2	5	ND	4	7	1	3	2	117	.12	.01	5	12	.02	3	.51	4	.17	.02	.02	1	8
S-108 0+40N 0+60W-2	1	19	11	10	.3	2	4	107	5.27	9	5	ND	4	4	1	2	2	247	.04	.01	8	35	.05	8	.36	2	1.13	.01	.01	1	20
S-108 0+40N 0+51W-2	1	17	11	10	.1	1	2	93	6.51	6	5	ND	5	4	1	2	2	250	.04	.02	12	28	.07	10	.19	2	1.18	.01	.02	1	165
S-108 0+40N 0+3W	1	14	8	6	.4	1	1	61	3.35	2	5	ND	4	5	1	2	2	225	.09	.01	5	25	.03	5	.41	2	.77	.01	.01	1	40
STD C/AU-0.5	19	58	40	130	7.2	67	27	1140	3.87	39	19	7	36	51	17	15	21	57	.45	.15	36	61	.87	186	.08	39	1.63	.06	.10	13	510

Lucky Grid Area

LUCKY GRID

Drill Core Geochemistry

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU** BY FIRE ASSAY (1 A/T) ALSO AG.

DATE RECEIVED: JULY 16 1985 DATE REPORT MAILED: July 19/85 ASSAYER: DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT - 301-608-001-108 FILE # 85-1420

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Ag** OZ/T	Au** OZ/T
L2 45.60-46.50	2	182	4	59	.5	56	14	563	3.92	2	5	ND	4	32	1	2	2	112	1.34	.07	4	83	2.30	20	.45	11	2.43	.07	.02	1	.02	.001
L2 46.50-47.50	1	174	3	54	.7	52	13	521	3.53	2	5	ND	3	35	1	3	4	103	1.55	.06	4	77	2.02	21	.42	21	2.35	.10	.01	1	.01	.001
L2 47.50-48.50	1	127	2	60	.5	56	14	485	3.30	2	5	ND	3	35	1	3	3	97	1.51	.06	5	89	1.99	17	.49	13	2.01	.05	.01	1	.01	.001
L2 48.50-49.50	3	108	3	72	.5	66	17	581	3.84	2	5	ND	3	39	1	3	5	113	1.45	.07	5	118	2.35	18	.53	13	2.31	.06	.01	1	.04	.001
L2 49.50-50.50	1	133	4	56	.4	57	14	458	3.44	2	5	ND	3	32	1	2	3	96	1.53	.06	4	74	1.89	14	.42	10	2.04	.09	.01	1	.01	.001
L2 50.50-51.31	2	178	5	75	.7	67	18	573	4.42	2	5	ND	7	29	1	3	2	123	1.69	.07	4	128	2.58	9	.46	12	2.34	.05	.01	1	.01	.001
L2 51.31-51.65	1	14	3	30	.5	31	7	373	1.80	2	6	ND	4	97	1	2	2	57	2.86	.10	5	59	.94	5	.33	59	1.81	.01	.01	1	.02	.001
L2 51.65-52.65	2	58	8	66	.4	83	18	593	4.25	2	5	ND	5	72	1	2	2	84	1.51	.13	3	48	3.01	50	.21	9	3.32	.22	.02	1	.02	.001
L2 52.65-53.65	1	48	13	59	.5	90	19	519	4.15	2	5	ND	8	125	1	2	2	80	2.28	.12	2	29	2.70	46	.20	2	3.95	.36	.03	1	.03	.001
L2 53.65-54.65	2	51	8	59	.5	97	20	561	4.48	2	5	ND	7	137	1	2	2	84	2.38	.11	2	37	2.95	26	.17	3	4.27	.41	.02	1	.02	.001
L2 54.65-55.65	2	44	9	58	.2	92	19	560	4.30	2	5	ND	5	124	1	2	2	83	2.39	.13	4	36	2.73	28	.18	5	3.88	.36	.02	1	.01	.001
L2 55.65-55.95	1	51	6	65	.3	89	19	598	4.42	2	5	ND	4	132	1	2	2	82	2.36	.12	4	30	2.58	26	.15	3	4.07	.40	.03	1	.01	.001
L2 55.95-56.95	2	121	8	76	.4	13	15	987	5.15	2	5	ND	9	62	1	2	2	89	2.72	.17	7	12	1.84	65	.07	3	2.17	.04	.06	1	.01	.001
L2 56.95-57.30	3	66	7	72	.4	17	14	1166	4.97	10	9	ND	6	107	1	2	2	56	4.14	.14	4	11	2.06	37	.01	7	2.04	.01	.10	1	.01	.001
L2 57.30-57.68	2	765	2	30	1.1	11	5	1501	3.07	10	7	ND	8	114	1	5	3	28	6.21	.05	3	8	1.58	11	.91	4	.69	.01	.03	1	.04	.068
L2 57.68-57.80	2	58	9	47	.3	69	15	1327	4.58	19	6	ND	7	138	1	2	2	55	5.92	.09	2	61	2.25	43	.01	15	1.59	.01	.15	1	.01	.001
L2 57.80-57.85	1	13	6	6	.5	7	1	1350	.79	2	7	ND	11	696	1	2	2	6	20.23	.01	2	4	.27	9	.01	5	.21	.01	.01	2	.03	.001
L2 57.85-58.85	1	48	10	58	.5	103	23	1038	5.27	13	8	ND	8	124	1	2	2	91	5.41	.11	2	102	3.58	36	.03	23	3.03	.08	.10	1	.01	.001
L2 58.85-59.85	2	42	10	53	.3	94	21	953	4.83	2	5	ND	7	136	1	2	2	113	4.29	.11	2	80	3.46	44	.11	2	4.07	.34	.04	1	.02	.001
L2 59.85-60.85	2	51	9	60	.4	96	20	694	4.73	2	7	ND	8	140	1	2	2	105	3.18	.12	2	54	3.01	25	.15	4	4.14	.40	.03	1	.01	.001
L2 60.85-61.85	2	48	2	58	.3	83	19	746	4.60	2	5	ND	3	93	1	2	2	100	2.59	.12	2	66	3.05	22	.18	9	3.41	.26	.02	1	.03	.001
L2 61.95-62.18	1	10	2	19	.4	19	5	271	1.37	2	7	ND	3	72	1	5	2	39	2.94	.11	4	27	.73	6	.18	79	1.10	.03	.01	1	.01	.001
L2 62.18-62.54	3	202	4	63	.5	72	20	631	4.55	2	5	ND	4	22	1	3	3	113	1.49	.08	5	133	2.24	9	.35	11	2.00	.05	.01	1	.01	.001
L2 62.54-62.62	1	12	2	6	.4	9	1	219	1.24	2	7	ND	4	83	1	2	2	66	6.40	.02	2	16	.15	4	.18	52	2.16	.01	.01	1	.04	.001
L2 62.62-63.15	2	171	2	57	.4	59	16	590	4.41	2	5	ND	5	32	1	3	3	107	1.49	.07	4	54	1.86	13	.29	19	2.18	.12	.01	1	.03	.001
L2 63.15-64.15	2	159	2	62	.3	57	16	598	4.43	2	5	ND	5	26	1	2	4	103	1.55	.06	4	67	2.04	10	.32	11	2.15	.07	.01	1	.03	.001
L2 64.15-65.15	2	147	8	58	.5	58	16	583	4.48	3	5	ND	6	25	1	3	2	111	1.94	.06	2	68	2.01	9	.34	19	2.18	.07	.01	1	.03	.001
L2 65.15-65.87	2	131	6	58	.7	60	16	636	4.30	4	6	ND	4	36	1	2	3	120	4.43	.05	2	96	2.21	9	.41	16	2.31	.06	.01	1	.05	.001
L2 65.87-66.45	2	145	8	53	.4	52	14	510	3.93	2	8	ND	9	34	1	2	2	101	3.30	.06	2	54	1.67	12	.29	19	2.03	.10	.01	1	.02	.001
L2 8.84-9.84	2	24	4	46	.1	7	6	623	2.38	2	5	ND	4	17	1	5	2	33	1.28	.04	6	14	.89	21	.07	2	1.10	.04	.05	1	.02	.001
L2 14.94-15.94	2	62	5	62	.3	14	12	712	4.03	2	5	ND	5	21	1	2	2	91	1.76	.08	5	16	1.58	77	.14	15	1.99	.04	.04	1	.02	.001
L2 17.78-18.78	3	92	3	76	.6	80	21	807	5.36	3	5	ND	6	29	1	2	4	113	2.09	.06	2	129	3.20	6	.48	4	2.85	.02	.01	1	.02	.001
L2 25.96-26.96	2	164	2	66	.8	66	17	826	5.07	2	7	ND	8	60	1	2	4	171	6.57	.06	2	142	2.40	23	.48	13	3.19	.21	.04	1	.04	.001
L2 40.84-41.84	2	172	2	60	.5	59	16	541	4.18	2	5	ND	5	44	1	2	2	127	2.88	.06	2	89	2.20	25	.45	74	2.84	.12	.02	1	.02	.001
L2 34.10-35.10	2	8	7	51	.7	39	21	1107	6.80	2	7	ND	11	53	1	2	2	115	9.99	.05	2	128	2.26	13	.21	3	3.20	.01	.13	1	.02	.001
STD C	20	59	41	133	7.5	70	26	1136	3.96	41	16	6	40	52	17	15	21	64	.48	.15	41	54	.88	187	.07	36	1.72	.06	.11	11	-	-

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN,FE,CA,P,CR,MG,BA,TI,B,AL,NA,K,W,SI,ZR,CE,SN,Y,NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORES AU88 BY FIRE ASSAY

DATE RECEIVED: JULY 18 1985 DATE REPORT MAILED: July 24/85 ASSAYER: T. Saundry. DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Ag88 OZ/T	Au88 OZ/T	Wt GM
B108-L1 7.31-8.31	1	20	13	61	.3	9	7	601	2.52	6	5	ND	4	23	1	2	2	33	2.76	.05	5	18	.81	50	.09	7	1.21	.06	.15	1	.01	.001	710
B108-L1 12.95-13.95	1	61	5	63	.2	19	14	740	4.18	5	5	ND	4	54	1	2	2	112	2.81	.08	8	19	1.60	58	.20	9	2.68	.17	.08	1	.01	.001	1280
B108-L1 22.55-23.55	1	154	12	76	.2	75	27	1025	6.34	5	5	ND	7	66	1	2	2	165	10.00	.06	6	161	2.43	26	.41	16	3.56	.15	.15	1	.01	.001	1260
B108-L1 36.18-37.18	1	164	25	72	.2	77	27	798	5.75	2	5	ND	2	53	1	2	2	161	2.61	.08	3	121	3.24	19	.58	22	3.45	.06	.03	1	.01	.001	1100
B108-L1 37.18-37.80	1	246	12	45	.5	56	17	470	3.48	6	5	ND	2	53	1	2	10	103	2.62	.08	4	61	1.76	25	.49	16	2.28	.13	.04	1	.02	.001	4400
B108-L1 37.80-38.73	1	165	17	71	.5	78	24	709	5.19	13	5	ND	4	51	1	2	2	150	2.34	.08	2	115	3.07	26	.57	26	3.40	.10	.06	1	.02	.001	1600
B108-L1 38.73-39.24	1	171	11	24	.3	32	9	326	2.04	2	5	ND	3	60	1	3	5	79	4.22	.06	3	52	1.14	11	.42	15	1.95	.07	.02	1	.01	.001	3600
B108-L1 39.24-39.76	1	140	10	67	.3	75	25	633	4.98	5	5	ND	3	61	1	2	2	144	3.29	.07	3	105	2.71	15	.51	39	3.03	.09	.03	1	.01	.001	750
B108-L1 39.76-40.76	1	150	10	65	.1	70	22	620	4.69	2	5	ND	2	37	1	2	2	127	2.19	.06	3	88	2.45	15	.46	14	2.56	.11	.04	1	.01	.001	1300
B108-L1 40.76-41.76	1	165	14	69	.5	67	24	818	5.40	14	5	ND	4	58	1	2	2	133	3.88	.06	2	112	2.72	23	.35	13	2.63	.08	.09	1	.01	.001	1030
B108-L1 41.76-41.90	1	116	6	17	.1	19	9	1686	1.95	30	5	ND	8	749	1	2	2	23	18.44	.04	4	11	.57	25	.01	14	.80	.01	.09	1	.01	.019	230
B108-L1 41.90-42.79	1	53	2	71	.2	94	27	1058	5.55	9	5	ND	5	112	1	2	2	104	5.02	.13	6	86	3.59	38	.11	20	3.26	.08	.13	1	.01	.001	850
B108-L1 42.79-43.79	1	58	3	67	.1	104	24	746	4.73	2	5	ND	1	82	1	2	2	98	2.00	.12	5	46	3.23	37	.25	17	3.31	.20	.05	1	.01	.001	1210
B108-L1 43.79-44.79	1	43	2	65	.1	103	25	782	4.70	2	5	ND	2	61	1	2	2	111	2.37	.12	4	67	3.46	53	.30	18	3.02	.09	.05	1	.01	.001	1300
B108-L1 44.79-45.76	1	54	10	72	.3	104	26	903	4.88	5	5	ND	4	61	1	2	2	111	3.43	.12	5	90	3.58	34	.29	13	3.05	.08	.06	1	.01	.001	1200
B108-L1 45.76-46.79	1	55	2	67	.2	85	24	830	4.77	3	5	ND	3	49	1	2	2	114	2.54	.14	6	79	3.33	15	.30	13	2.86	.08	.05	1	.01	.001	1300
B108-L1 46.79-47.04	1	8	2	14	.2	15	6	267	1.32	4	5	ND	5	120	1	4	4	46	6.33	.09	3	31	.48	4	.21	339	1.92	.02	.01	1	.01	.001	350
B108-L1 47.04-48.04	1	189	13	75	.2	76	25	844	5.45	4	5	ND	3	37	1	2	2	156	3.21	.08	7	168	2.99	11	.47	60	2.76	.10	.02	1	.01	.001	1240
B108-L1 48.04-49.04	1	238	30	77	.2	69	24	723	4.91	2	5	ND	3	60	1	2	2	141	3.17	.07	4	107	2.69	22	.51	32	3.23	.15	.04	1	.01	.001	1310
B108-L1 49.04-50.04	1	172	17	62	.1	70	22	651	4.71	5	5	ND	2	58	1	2	2	133	2.90	.07	3	110	2.58	22	.52	84	3.43	.17	.05	1	.01	.001	1040
B108-L1 50.04-51.04	1	142	11	75	.4	83	27	758	5.71	2	5	ND	3	52	1	2	2	140	2.57	.07	5	124	3.29	17	.56	102	3.75	.10	.04	1	.02	.001	1200
B108-L1 51.04-52.04	1	116	14	73	.3	83	27	753	5.43	2	5	ND	2	46	1	2	2	116	1.76	.07	4	117	3.36	13	.53	13	3.24	.03	.02	1	.01	.001	1340
B108-L1 52.04-53.04	1	276	7	68	.2	73	25	700	5.10	7	5	ND	2	46	1	2	2	113	2.85	.07	2	104	3.00	11	.50	17	3.08	.05	.02	1	.01	.001	1160
B108-L1 53.04-54.04	1	151	11	79	.3	87	30	761	5.89	6	5	ND	2	37	1	2	2	133	1.85	.07	2	119	3.38	15	.54	23	3.44	.06	.04	1	.01	.001	1190
B108-L1 54.04-55.00	1	181	18	60	.1	69	21	591	4.60	6	5	ND	1	48	1	2	2	125	2.37	.07	3	96	2.36	36	.48	19	3.16	.19	.04	1	.01	.001	1260
B108-L1 55.00-55.20	1	304	10	58	.3	57	20	474	3.91	6	5	ND	3	41	1	2	2	104	3.84	.06	2	92	1.93	7	.45	167	3.01	.06	.02	1	.01	.001	250
B108-L1 55.20-56.25	1	191	20	57	.3	68	20	544	4.03	4	5	ND	3	45	1	2	2	113	3.13	.07	3	93	2.01	16	.49	121	2.55	.15	.04	1	.01	.001	1310
B108-L1 56.25-56.66	1	108	11	23	.2	36	10	385	2.24	6	5	ND	4	126	1	4	6	78	6.95	.06	3	81	.74	7	.45	312	2.29	.04	.01	1	.01	.001	440
B108-L1 56.66-57.66	1	166	11	60	.1	69	24	815	4.95	9	5	ND	3	78	1	2	2	134	6.21	.07	5	129	2.46	82	.29	17	2.77	.08	.06	1	.01	.001	1230
B108-L1 57.66-58.59	1	168	2	72	.1	90	27	1098	6.24	4	5	ND	5	124	1	2	2	149	7.45	.07	6	176	3.28	42	.16	28	3.28	.05	.12	1	.01	.001	1260
B108-L1 58.59-59.74	1	73	5	81	.1	15	18	982	5.11	2	5	ND	3	53	1	2	2	88	3.10	.16	11	20	1.81	28	.18	10	2.28	.05	.07	1	.01	.001	1280
B108-L3 7.25-8.25	2	6	2	39	.1	6	4	458	1.58	5	5	ND	2	33	1	3	2	10	2.38	.04	10	2	.43	64	.01	8	.85	.05	.14	1	.01	.001	950
B108-L3 8.25-8.61	3	10	2	61	.1	3	6	590	2.22	4	5	ND	3	38	1	3	2	18	2.89	.04	13	4	.70	63	.01	6	1.18	.04	.17	1	.01	.001	450
B108-L3 9.94-10.94	1	40	3	82	.3	5	20	1344	6.83	8	5	ND	5	84	1	2	2	91	6.28	.16	14	5	1.89	117	.01	16	3.11	.02	.27	1	.01	.001	950
B108-L3 12.78-13.46	1	145	15	65	.1	66	22	875	5.48	2	5	ND	4	48	1	2	2	158	4.58	.07	6	145	2.82	23	.42	13	3.09	.08	.03	1	.01	.001	640
B108-L3 13.46-14.06	1	52	8	77	.1	10	18	1014	5.88	10	5	ND	2	40	1	2	2	131	2.73	.15	9	11	2.27	44	.23	28	2.93	.11	.07	1	.01	.001	700
STD C	20	58	39	130	7.2	72	29	1121	3.97	40	16	8	38	50	17	15	23	61	.48	.15	38	58	.87	175	.06	36	1.69	.06	.12	12	-	-	-

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Ag++ OZ/T	Au++ OZ/T	Wt GM
B108-L3 25.67-26.67	1	42	5	72	.2	6	14	1050	4.44	2	5	ND	3	71	1	2	2	82	3.35	.14	4	3	1.41	269	.12	5	1.83	.05	.08	1	.01	.001	1500
B108-L3 26.86-27.20	1	38	9	69	.3	7	13	954	4.27	2	5	ND	1	54	1	2	2	47	2.61	.15	7	2	1.60	58	.01	9	1.52	.03	.16	1	.01	.001	370
B108-L3 27.20-27.34	1	38	4	65	.1	5	12	890	4.28	8	5	ND	2	53	1	2	2	40	2.50	.14	4	1	1.48	46	.01	8	1.28	.02	.14	1	.01	.001	730
B108-L3 27.34-27.93	1	41	4	67	.1	4	14	978	4.37	2	5	ND	3	55	1	3	2	81	2.91	.14	6	3	1.41	139	.10	11	1.75	.06	.09	1	.01	.001	980
B108-L3 27.93-28.39	1	340	2	8	.9	6	2	213	.90	2	5	8	1	32	1	2	2	8	.71	.02	2	2	.17	11	.01	10	.20	.01	.04	1	.04	.054	150
B108-L3 28.39-28.84	1	41	6	63	.2	5	14	1103	4.70	2	5	ND	3	87	1	2	2	45	3.53	.15	6	2	1.60	42	.01	7	1.60	.02	.15	1	.01	.001	460
B108-L3 28.84-28.95	1	19	11	28	.1	10	10	1389	2.93	9	5	ND	5	110	1	2	4	22	5.98	.10	4	1	1.84	50	.01	13	.56	.01	.14	1	.01	.001	200
B108-L3 28.95-29.86	1	34	10	67	.1	6	14	1070	4.57	2	5	ND	2	103	1	2	2	71	3.58	.14	7	4	1.62	84	.02	5	1.98	.03	.13	1	.01	.001	1090
B108-L3 29.86-30.86	1	40	2	69	.1	5	14	1101	4.80	2	5	ND	3	60	1	2	2	87	3.25	.14	9	4	1.50	157	.09	10	1.95	.06	.09	1	.01	.001	1130
B108-L3 30.86-31.86	1	39	7	64	.2	5	14	1020	4.55	4	5	ND	3	102	1	2	2	60	3.56	.14	6	4	1.60	48	.01	11	1.93	.03	.14	1	.01	.001	1120
B108-L3 31.86-31.97	1	38	2	36	.1	6	12	1153	2.60	12	5	ND	5	86	1	2	2	37	5.62	.14	7	1	.83	46	.01	8	1.07	.01	.14	1	.01	.001	300
B108-L3 31.97-32.36	1	193	15	12	4.7	15	5	452	1.01	10	5	48	2	42	1	2	2	16	2.31	.01	2	18	.25	19	.01	4	.40	.01	.07	1	.15	.832	350
B108-L3 32.26-32.81	1	131	2	62	.1	65	23	1215	5.05	21	5	ND	4	119	1	2	2	115	6.04	.07	3	134	2.46	54	.03	12	2.17	.02	.18	1	.01	.001	470
B108-L3 32.81-33.81	1	103	2	80	.2	81	27	1066	6.02	2	5	ND	4	84	1	2	2	170	4.68	.06	2	189	3.43	49	.19	6	3.17	.03	.07	1	.01	.001	1050
B108-L3 33.81-34.81	1	129	8	78	.3	82	27	1086	5.86	4	5	ND	5	68	1	2	2	169	5.46	.07	2	188	3.37	27	.26	7	3.08	.03	.05	1	.01	.001	1100
B108-L3 34.81-35.81	1	227	14	74	.3	74	26	1074	5.67	3	5	ND	4	87	1	2	2	161	5.29	.07	2	169	2.96	33	.20	10	2.91	.02	.09	1	.01	.001	1100
B108-L3 35.81-36.81	1	126	5	75	.1	76	25	960	5.25	5	5	ND	3	59	1	2	2	137	4.74	.06	4	172	3.12	23	.33	8	2.93	.02	.05	1	.01	.001	900
B108-L3 36.81-37.76	1	160	7	59	.2	67	22	714	3.98	4	5	ND	1	39	1	2	4	100	2.34	.06	2	138	2.45	12	.44	6	2.22	.04	.02	1	.01	.001	950
B108-L3 37.76-38.40	1	207	11	91	.3	58	18	639	3.43	9	5	ND	3	41	1	2	10	103	2.64	.06	2	116	2.00	22	.45	35	2.04	.06	.02	1	.01	.001	870
B108-L7 5.37-6.01	1	151	4	69	.4	68	24	1034	4.91	12	5	ND	5	65	1	2	6	167	6.22	.06	3	180	2.75	161	.49	4	2.64	.04	.05	1	.01	.001	820
B108-L7 7.21-8.21	1	114	4	92	.2	76	27	1248	5.95	7	5	ND	6	46	1	4	2	135	6.36	.06	6	173	3.04	36	.20	10	3.44	.01	.14	1	.01	.001	1100
B108-L7 8.21-9.12	1	147	15	73	.2	68	25	1084	5.43	11	5	ND	5	53	1	2	4	187	6.52	.07	5	183	2.94	32	.43	9	2.94	.04	.07	1	.01	.001	900
B108-L7 9.12-10.12	1	125	4	95	.4	82	30	1232	6.28	9	5	ND	6	40	1	2	2	127	6.95	.06	6	160	2.71	31	.14	4	3.42	.01	.16	1	.01	.001	970
B108-L7 10.12-11.12	1	34	14	76	.4	3	8	785	3.55	3	5	ND	3	30	1	3	2	25	3.59	.17	9	3	.89	82	.01	2	1.48	.03	.14	1	.01	.001	960
B108-L7 11.12-12.12	1	16	3	73	.1	1	7	949	3.64	2	5	ND	2	40	1	2	2	28	3.69	.18	9	1	.85	25	.02	3	1.52	.05	.11	1	.01	.001	770
B108-L7 12.12-13.12	1	17	2	75	.2	1	8	969	3.72	2	5	ND	2	41	1	2	2	28	3.78	.18	11	1	.87	25	.02	2	1.56	.05	.11	1	.01	.001	900
B108-L7 13.12-14.12	1	10	8	79	.1	1	8	828	3.67	2	5	ND	2	38	1	2	2	24	3.22	.18	12	1	.91	90	.01	7	1.65	.05	.17	1	.01	.001	890
B108-L7 14.12-15.12	1	10	6	76	.3	1	8	915	3.49	2	5	ND	2	45	1	2	2	22	2.81	.17	10	1	.96	35	.01	5	1.61	.04	.15	1	.01	.001	640
B108-L7 15.12-15.93	1	10	3	61	.4	2	8	982	3.43	22	5	ND	2	87	1	2	2	18	2.89	.17	8	2	1.15	46	.01	10	1.63	.02	.17	1	.01	.007	730
B108-L7 15.93-16.15	1	9	2	29	.3	4	7	630	2.16	19	5	ND	1	80	1	2	2	14	2.29	.12	7	2	.62	45	.01	7	1.02	.01	.16	1	.01	.001	230
B108-L7 16.15-17.15	1	10	5	66	.3	3	8	1087	3.54	7	5	ND	3	113	1	2	2	20	3.15	.17	5	1	1.07	43	.01	5	1.64	.01	.17	1	.01	.003	960
B108-L7 17.15-17.98	1	9	11	68	.2	1	8	642	3.28	10	5	ND	1	40	1	5	2	20	1.11	.17	7	1	.98	33	.01	5	1.42	.02	.14	1	.01	.012	1150
B108-L7 17.98-18.73	1	415	2	17	4.6	8	5	351	1.22	11	5	36	1	70	1	2	2	11	1.52	.04	3	9	.31	20	.01	2	.51	.01	.08	1	.14	1.680	750
B108-L7 18.73-19.73	1	210	5	73	.3	83	28	704	5.33	38	5	ND	2	62	1	2	2	96	2.12	.04	2	142	2.14	48	.01	5	2.68	.01	.15	1	.01	.014	830
B108-L7 19.73-20.73	1	148	12	83	.5	81	28	1038	6.54	32	5	ND	3	136	1	3	2	123	3.95	.07	4	172	2.91	58	.01	8	3.40	.01	.18	1	.02	.001	810
B108-L7 20.73-21.30	1	129	2	74	.3	77	26	849	5.52	21	5	ND	2	69	1	2	2	99	2.80	.06	6	152	2.30	38	.01	8	2.63	.01	.16	1	.01	.007	670
STD C	20	58	41	130	7.2	70	27	1122	3.98	39	17	7	37	49	17	15	19	60	.48	.15	37	57	.88	172	.07	38	1.71	.06	.11	12	-	-	-

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Aq** OZ/T	Au** OZ/T	Wt GM
B108-L7 21.30-21.52	1	231	5	71	.2	73	27	1432	6.30	30	5	NB	9	124	1	4	2	103	8.75	.07	7	143	3.07	55	.02	2	2.52	.01	.20	1	.01	.001	300
B108-L7 21.52-22.28	2	24	7	83	.1	9	14	1026	5.68	14	7	NB	3	86	1	2	3	75	3.62	.19	7	22	1.87	36	.04	6	2.56	.11	.13	1	.01	.002	550
B108-L7 22.28-22.56	1	158	9	70	.1	63	25	1129	5.77	26	5	NB	6	114	1	4	4	101	7.70	.07	7	117	2.50	71	.03	10	2.75	.04	.25	1	.01	.001	400
B108-L7 22.56-23.56	1	126	12	88	.1	79	31	1280	7.39	9	5	NB	7	97	1	5	2	126	6.68	.07	7	178	3.84	61	.03	14	3.51	.02	.27	1	.01	.001	950
B108-L7 23.56-24.42	1	178	4	86	.1	80	28	1239	6.94	7	5	NB	5	124	1	3	2	140	7.55	.07	7	178	3.53	52	.03	10	3.27	.03	.23	1	.01	.001	700
B108-L7 24.42-24.56	1	137	5	67	.1	67	24	1088	5.61	35	5	NB	5	130	1	2	4	89	6.00	.06	4	120	2.67	57	.02	18	2.55	.02	.25	1	.01	.001	170
B108-L7 24.56-25.56	1	176	10	67	.1	64	24	1303	5.63	22	5	NB	5	130	1	2	3	94	7.40	.05	2	127	2.98	73	.02	13	2.39	.02	.31	1	.01	.001	1100
B108-L7 25.56-26.56	1	200	4	77	.1	87	30	1071	6.69	41	5	NB	4	102	1	4	2	109	6.05	.07	4	154	3.05	71	.03	14	3.08	.01	.33	1	.01	.001	790
B108-L7 26.56-27.56	1	154	9	79	.1	81	29	1102	6.85	4	5	NB	5	106	1	2	2	131	7.40	.07	4	178	3.58	65	.03	7	3.47	.02	.24	1	.01	.001	1260
B108-L7 27.56-28.56	1	158	9	76	.1	80	29	1175	6.47	9	5	NB	5	151	1	5	2	141	9.07	.07	4	174	3.34	389	.05	13	3.69	.04	.25	1	.01	.001	990
B108-L7 28.56-29.56	1	186	9	75	.1	77	27	1093	6.40	9	5	NB	5	146	1	2	2	154	8.13	.07	4	180	3.47	475	.07	15	3.69	.04	.18	1	.01	.001	750
B108-L7 29.56-30.56	1	133	7	77	.2	80	28	1124	6.37	11	5	NB	7	91	1	2	2	164	8.25	.07	3	190	3.55	55	.17	17	3.88	.05	.16	1	.01	.001	1160
B108-L7 30.56-31.56	1	166	6	75	.2	75	27	1128	6.15	8	5	NB	6	125	1	3	6	184	8.43	.07	5	189	3.45	65	.23	11	3.53	.08	.10	1	.01	.001	630
B108-L7 31.56-32.56	1	129	12	89	.1	82	27	1067	6.71	4	5	NB	6	73	1	2	2	175	7.23	.06	4	193	3.71	45	.11	4	4.31	.07	.16	1	.01	.001	1000
B108-L7 32.56-33.56	1	169	10	86	.1	74	26	1044	6.55	15	5	NB	7	82	1	2	2	172	7.44	.07	5	179	3.38	43	.22	6	3.97	.10	.13	1	.01	.001	740
B108-L7 33.56-34.56	1	55	5	96	.1	85	29	1153	6.84	15	5	NB	6	78	1	2	2	169	7.56	.06	6	188	3.77	122	.25	13	4.43	.05	.14	1	.01	.001	1100
B108-L7 34.56-35.56	1	131	23	93	.1	85	29	1146	6.95	14	5	NB	6	69	1	2	8	182	8.46	.07	5	196	3.52	53	.39	10	4.42	.07	.14	1	.01	.001	1000
B108-L7 35.56-36.58	1	168	11	85	.3	84	28	1174	6.87	4	5	NB	7	83	1	2	10	197	8.54	.06	9	201	3.37	56	.40	14	4.28	.12	.13	1	.01	.002	650
STD C	21	59	40	132	7.2	66	28	1140	3.95	40	15	7	37	50	17	15	20	61	.48	.16	37	59	.87	174	.08	39	1.69	.06	.11	12	-	-	-

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU** BY FIRE ASSAY (/ A/T)

DATE RECEIVED: JULY 24 1985 DATE REPORT MAILED: Aug 2/85 ASSAYER. T. Saundry .DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT - 305-608-001-108 FILE # 85-1549 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Ag** OZ/T	Au** OZ/T	Wt GM
D108-L4 3.96-4.96	1	16	26	64	.8	2	3	497	1.67	5	5	ND	2	24	1	7	2	12	1.11	.03	8	3	.47	41	.07	5	.87	.05	.11	1	.01	.001	1000
D108-L4 13.60-14.60	3	150	21	60	.2	56	16	828	4.96	2	5	ND	1	47	1	2	3	142	3.71	.07	7	118	2.25	29	.49	18	3.07	.10	.03	1	.01	.001	1160
D108-L4 16.00-16.37	1	151	17	50	.2	42	12	695	3.53	5	5	ND	1	91	1	3	2	101	3.46	.07	4	94	1.64	46	.48	16	1.99	.08	.02	1	.01	.001	440
D108-L4 22.77-23.77	1	45	9	71	.1	4	11	913	5.02	4	5	ND	2	56	1	4	2	107	2.77	.13	10	6	1.47	55	.28	37	2.83	.13	.07	1	.01	.001	1200
D108-L4 28.75-29.34	1	122	12	62	.1	57	16	735	4.75	2	5	ND	1	52	1	2	2	136	3.19	.06	4	97	2.27	22	.53	23	2.87	.16	.02	1	.01	.001	1040
D108-L4 29.34-30.34	1	158	11	59	.1	55	15	620	4.29	4	5	ND	1	49	1	2	2	123	3.13	.06	5	90	2.01	18	.49	25	2.59	.19	.01	1	.01	.001	1220
D108-L4 30.34-31.43	1	157	14	73	.1	61	18	767	5.35	2	5	ND	1	48	1	2	2	147	2.75	.06	8	122	2.75	13	.45	11	2.68	.14	.03	1	.01	.001	1240
D108-L4 31.43-31.75	1	74	28	97	.1	45	17	900	5.07	3	5	ND	2	87	1	2	3	130	4.88	.10	11	92	2.86	35	.19	12	2.61	.07	.06	2	.02	.001	540
D108-L4 31.75-32.10	2	47	7	74	.2	77	19	1188	5.44	3	5	ND	1	116	1	2	10	61	5.49	.10	11	61	3.13	51	.01	13	2.17	.02	.15	1	.01	.001	500
D108-L4 32.10-32.75	1	25	6	35	.1	40	14	1424	3.85	19	5	ND	1	121	1	4	2	37	6.45	.07	8	25	1.89	36	.01	12	.90	.01	.11	2	.01	.001	680
D108-L4 32.75-33.25	1	51	7	76	.2	89	22	1205	5.63	8	5	ND	1	109	1	2	4	51	4.93	.11	11	48	3.05	53	.01	12	2.23	.01	.17	1	.02	.001	730
D108-L4 33.25-34.44	2	50	17	67	.2	94	22	931	5.03	6	5	ND	3	130	1	2	6	106	3.98	.10	11	94	3.78	114	.18	9	3.67	.18	.03	1	.01	.001	1120
D108-L4 34.44-35.44	3	50	13	64	.3	89	20	944	4.83	3	5	ND	1	118	1	2	2	103	4.64	.10	12	86	3.52	44	.18	11	3.40	.15	.04	1	.01	.001	880
D108-L4 35.44-35.87	2	52	11	74	.1	90	22	1045	5.24	2	5	ND	1	115	1	2	6	123	3.79	.11	13	105	3.76	59	.21	11	3.24	.10	.02	1	.01	.001	350
D108-L4 35.87-36.10	2	65	13	85	.1	13	16	1167	6.44	3	5	ND	2	81	1	2	2	150	3.84	.14	16	21	2.66	33	.13	9	2.71	.06	.03	1	.01	.001	270
D108-L4 36.10-36.20	1	48	12	72	.1	87	21	1163	5.34	2	5	ND	1	103	1	2	8	132	4.58	.10	12	112	3.54	41	.21	11	2.91	.07	.03	1	.02	.001	200
D108-L4 36.20-36.27	1	120	11	71	.1	58	19	1149	5.68	8	5	ND	1	134	1	2	2	148	7.66	.07	12	130	3.27	222	.25	19	3.02	.05	.09	1	.01	.001	140
D108-L4 36.27-37.44	2	135	11	86	.4	71	23	1310	6.56	30	5	ND	2	112	1	4	6	133	5.35	.06	12	150	3.04	45	.11	14	2.56	.04	.11	1	.01	.001	1240
D108-L4 37.44-37.65	2	70	10	49	.5	35	13	944	4.43	22	5	ND	1	86	1	7	2	54	4.19	.07	9	38	1.43	32	.01	11	1.82	.01	.08	2	.01	.015	245
D108-L4 37.65-38.42	2	215	10	104	.3	69	21	1124	6.34	10	5	ND	1	82	1	2	4	164	5.11	.06	14	152	3.01	37	.40	14	2.98	.06	.07	1	.02	.001	720
D108-L4 38.42-39.0	1	122	11	74	.1	59	17	752	4.66	2	5	ND	1	48	1	3	4	121	2.42	.06	8	87	2.37	21	.49	12	2.33	.09	.01	1	.02	.001	800
D108-L4 39.0-40.0	1	141	10	77	.1	65	18	854	5.26	6	5	ND	1	49	1	2	2	148	3.32	.06	8	102	2.63	47	.64	15	2.89	.08	.01	1	.01	.001	1250
D108-L4 40.0-41.0	1	178	10	74	.1	68	18	746	5.22	2	5	ND	1	53	1	2	2	140	2.36	.07	7	107	2.77	40	.68	36	3.20	.10	.02	1	.02	.001	1180
D108-L4 41.0-42.0	1	131	11	75	.3	68	18	671	5.20	2	5	ND	1	52	1	2	5	128	2.28	.06	7	106	2.77	38	.65	71	3.35	.10	.02	1	.01	.001	960
D108-L4 42.0-43.0	1	189	4	60	.1	57	16	632	4.46	6	5	ND	2	39	1	2	2	114	2.57	.06	7	99	2.35	30	.59	78	2.84	.08	.01	1	.01	.001	1050
D108-L4 43.0-44.0	1	190	14	70	.1	65	18	708	5.31	3	5	ND	1	47	1	2	2	138	2.03	.07	9	104	2.83	48	.63	34	3.35	.11	.02	1	.01	.001	1150
D108-L4 44.0-45.0	1	197	8	66	.1	63	17	644	4.88	7	5	ND	1	35	1	2	2	126	2.34	.07	9	106	2.63	42	.63	20	2.96	.07	.01	1	.02	.001	1130
D108-L4 45.0-46.0	1	142	8	66	.2	64	18	694	4.87	6	5	ND	1	40	1	2	2	120	2.77	.06	9	109	2.73	19	.64	47	2.94	.05	.01	1	.02	.002	1220
D108-L4 46.0-47.0	1	143	11	70	.2	69	19	854	5.59	2	5	ND	1	40	1	2	2	152	2.95	.06	12	126	2.94	22	.68	18	3.24	.06	.01	2	.02	.001	1050
D108-L4 47.0-48.0	1	184	6	61	.1	62	17	734	4.66	2	5	ND	1	46	1	2	2	114	3.06	.06	9	109	2.48	22	.57	15	2.86	.06	.01	1	.01	.002	970
D108-L4 48.0-49.0	1	117	13	68	.1	65	18	740	5.05	3	5	ND	1	38	1	2	2	119	2.49	.06	10	112	2.79	32	.63	25	3.06	.04	.01	1	.02	.001	1300
D108-L4 49.0-50.0	1	148	7	66	.1	69	18	758	4.93	3	5	ND	2	39	1	2	2	112	2.16	.07	8	106	2.85	15	.61	13	2.94	.05	.01	1	.02	.001	960
D108-L4 50.0-51.0	2	130	10	75	.1	77	22	857	5.48	3	5	ND	1	39	1	2	2	114	2.27	.06	10	135	3.28	10	.62	12	3.17	.03	.01	1	.01	.001	940
D108-L4 51.0-52.0	2	173	8	74	.1	75	21	992	5.75	3	5	ND	1	51	1	2	2	138	3.84	.07	11	156	3.31	20	.61	16	3.25	.03	.01	1	.02	.001	1030
D108-L4 52.0-52.6	3	171	11	76	.3	73	21	1100	6.20	2	5	ND	1	79	1	2	2	148	5.81	.06	15	168	3.35	33	.57	16	3.47	.03	.05	1	.02	.001	550
STD C	20	58	41	133	7.0	67	24	1154	3.97	41	17	7	38	52	18	15	19	60	.48	.14	40	60	.88	169	.08	39	1.72	.06	.13	12	-	-	-

FALCONBRIDGE LTD PROJECT - 305-608-001-108 FILE # 85-1549

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Agtt OZ/T	Autt OZ/T	Wt GM
D108-LS 15.24-16.24	3	16	9	47	.1	5	6	565	1.76	2	5	ND	2	51	1	4	2	18	2.14	.03	8	10	.56	578	.04	9	.93	.06	.13	1	.01	.001	1000
D108-LS 26.67-27.05	1	140	9	85	.2	77	24	1071	6.77	5	5	ND	1	94	1	2	2	149	4.35	.06	13	166	3.20	72	.10	12	2.75	.03	.11	1	.01	.001	620
D108-LS 27.05-27.25	1	776	11	64	.5	54	20	1195	5.48	20	5	ND	1	125	1	2	2	73	5.78	.04	13	78	1.80	44	.01	13	1.96	.01	.13	1	.01	.005	270
D108-LS 27.25-27.91	1	122	7	82	.2	76	26	1053	6.41	5	5	ND	1	120	1	2	3	108	4.65	.06	14	153	2.72	49	.01	12	2.78	.02	.16	1	.01	.001	680
D108-LS 27.91-28.37	2	198	7	77	.3	69	22	1133	5.99	2	5	ND	1	139	1	2	4	163	5.69	.06	12	185	2.99	95	.21	11	2.93	.08	.10	1	.01	.001	730
D108-LS 28.37-29.59	1	145	10	77	.2	70	25	1050	6.03	9	5	ND	2	101	1	3	2	105	4.14	.06	12	126	2.27	61	.03	10	2.55	.03	.21	1	.01	.001	920
D108-LS 29.59-29.87	1	186	6	36	.2	21	9	1360	3.27	10	5	ND	1	169	1	4	2	40	6.52	.03	7	23	1.53	34	.01	14	1.00	.01	.14	1	.02	.012	370
D108-LS 29.87-30.40	1	102	9	68	.1	38	17	1213	5.09	8	5	ND	1	116	1	2	2	45	5.52	.12	11	41	1.97	52	.01	14	1.81	.02	.21	1	.01	.001	600
D108-LS 30.40-31.40	1	30	7	68	.1	7	11	880	4.22	3	5	ND	2	88	1	2	2	42	4.02	.12	11	10	1.42	48	.01	11	1.98	.03	.16	1	.01	.001	1120
D108-LS 31.40-32.40	1	33	8	70	.1	4	12	903	4.17	2	6	ND	2	91	1	2	3	44	4.73	.12	10	8	1.49	354	.01	10	2.02	.04	.16	1	.01	.001	1140
D108-LS 32.40-33.40	1	34	8	79	.1	5	11	979	4.34	2	5	ND	2	71	1	2	2	48	4.38	.12	11	9	1.48	83	.01	9	2.03	.04	.12	1	.01	.001	1150
D108-LS 33.40-34.40	1	28	6	73	.1	4	11	952	4.36	2	5	ND	2	69	1	2	2	47	4.64	.12	13	5	1.46	68	.01	9	2.03	.04	.11	1	.01	.001	1150
D108-LS 34.40-35.13	1	24	5	68	.1	8	12	880	4.69	8	5	ND	2	53	1	2	2	43	3.30	.12	12	3	1.62	48	.01	10	2.02	.03	.15	1	.01	.001	900
D108-LS 35.13-35.44	2	35	10	63	.1	83	20	919	4.43	45	5	ND	1	107	1	3	2	64	5.49	.09	11	71	2.17	41	.01	10	1.84	.02	.16	1	.01	.001	340
D108-LS 35.44-36.63	1	51	6	58	.1	69	18	692	4.18	5	5	ND	1	52	1	2	3	88	3.27	.11	8	73	2.62	23	.16	11	2.34	.08	.06	1	.01	.001	1380
D108-LS 36.63-37.63	1	126	13	53	.4	46	13	485	3.72	5	5	ND	1	33	1	2	4	100	4.75	.06	6	100	1.43	10	.38	92	1.89	.11	.01	1	.02	.001	730
D108-LS 37.63-38.63	2	160	9	62	.5	52	14	534	3.99	7	5	ND	2	39	1	3	2	108	2.75	.06	7	108	1.84	14	.44	89	2.25	.16	.01	1	.01	.001	1370
D108-LS 38.63-39.63	1	232	8	59	.5	54	14	581	4.14	3	5	ND	1	50	1	2	2	112	2.73	.06	9	108	1.98	22	.42	44	2.81	.19	[illegible]	1	.01	.001	1070
D108-LS 39.63-40.63	1	164	8	56	.3	52	14	516	3.95	2	5	ND	1	53	1	3	2	101	2.33	.06	6	91	1.88	27	.35	39	2.79	.21	.05	1	.01	.001	1050
D108-LS 40.63-41.63	1	164	10	58	.3	57	16	568	4.26	2	5	ND	1	31	1	2	4	106	2.28	.06	3	122	2.13	12	.39	33	2.38	.11	.01	1	.02	.001	1070
D108-LS 41.63-42.63	1	98	6	69	.4	63	19	692	4.75	3	5	ND	1	37	1	3	2	102	2.12	.06	5	133	2.58	15	.39	65	2.57	.09	.01	1	.01	.001	1140
D108-LS 42.63-43.63	2	119	5	65	.4	62	18	744	4.60	2	5	ND	1	43	1	2	2	104	3.34	.06	5	132	2.51	24	.39	25	2.51	.07	.05	1	.01	.001	740
D108-LS 43.63-44.63	2	128	8	62	.5	62	17	681	4.51	5	5	ND	1	40	1	2	2	114	3.14	.06	7	131	2.36	25	.44	128	2.44	.08	.01	1	.01	.001	1000
D108-LS 44.63-45.63	3	106	10	92	.4	84	24	1038	7.19	4	5	ND	2	74	1	2	2	169	3.26	.06	11	209	3.76	38	.47	24	3.76	.10	.04	1	.01	.001	1370
D108-LS 45.63-46.63	2	146	8	72	.4	67	19	894	5.47	2	5	ND	2	60	1	2	2	139	3.68	.06	9	162	2.91	76	.44	30	2.86	.08	.02	1	.01	.001	1280
D108-LS 46.63-47.63	1	139	8	62	.4	61	17	692	4.64	2	5	ND	1	51	1	2	5	114	2.17	.06	5	126	2.52	27	.40	11	2.71	.13	.02	1	.01	.001	1140
D108-LS 47.63-48.16	1	102	9	79	.4	77	22	746	5.65	2	5	ND	1	48	1	2	2	123	1.36	.06	7	136	3.19	17	.39	8	3.06	.10	.01	1	.01	.001	770
STD C	19	59	38	134	7.1	67	26	1155	3.89	40	17	8	38	52	17	15	20	60	.48	.13	38	61	.85	179	.08	37	1.71	.06	.13	11	-	-	-

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Agtt OZ/T	Autt OZ/T	Wt GM
D108-L6 9.90-10.90	4	11	13	78	.1	1	8	890	4.40	6	5	ND	1	41	1	2	2	24	3.57	.17	13	3	1.02	35	.01	12	1.72	.04	.15	1	.01	.001	1100
D108-L6 10.90-11.15	3	32	10	63	.2	95	22	1129	5.29	22	5	ND	1	79	1	2	2	80	6.37	.10	13	100	3.27	42	.01	15	2.88	.02	.10	1	.01	.001	310
D108-L6 11.15-12.15	2	42	13	57	.3	84	23	1055	5.29	12	5	ND	1	104	1	2	2	87	5.89	.11	12	96	3.51	68	.01	17	3.14	.04	.22	1	.02	.001	1300
D108-L6 12.15-12.80	3	117	20	137	.3	87	28	1207	9.60	26	5	ND	2	114	1	2	2	154	3.26	.06	16	212	3.84	42	.01	12	4.54	.01	.10	1	.01	.001	610
D108-L6 12.80-12.90	1	63	3	26	5.3	11	5	397	2.04	11	5	46	1	45	1	2	2	21	1.14	.04	5	18	.72	19	.01	8	.94	.01	.07	1	.10	.918	160
D108-L6 12.90-13.80	3	7	14	43	.3	6	10	617	4.40	49	10	ND	3	83	1	2	2	19	1.80	.14	8	8	.92	34	.01	12	1.40	.01	.13	1	.03	.010	1100
D108-L6 13.80-14.0	2	33	5	14	1.0	7	6	331	1.66	25	5	6	1	82	1	2	2	7	1.61	.04	3	12	.26	14	.01	6	.45	.01	.05	1	.03	.257	300
D108-L6 14.0-15.0	3	12	6	62	.1	3	8	941	4.35	5	5	ND	2	74	1	3	2	24	2.30	.15	11	3	1.27	42	.01	8	1.86	.02	.16	1	.02	.001	1170
D108-L6 15.0-16.0	2	12	7	67	.1	2	7	939	3.99	7	5	ND	2	85	1	2	2	21	2.41	.16	12	3	1.21	39	.01	9	1.75	.02	.14	1	.01	.001	1040
D108-L6 16.0-17.0	3	11	7	63	.3	3	7	626	3.82	14	5	ND	3	51	1	2	2	19	1.34	.16	10	6	.95	44	.01	11	1.60	.02	.19	1	.02	.001	940
D108-L6 17.0-18.0	1	15	6	73	.1	2	7	968	4.07	4	5	ND	1	78	1	2	2	23	2.26	.16	12	5	1.25	54	.01	9	1.85	.02	.18	1	.02	.001	750
D108-L6 18.0-19.0	3	11	11	78	.1	1	7	969	4.30	3	6	ND	2	74	1	2	2	23	2.53	.16	12	1	1.23	45	.01	10	1.85	.03	.17	1	.01	.001	990
D108-L6 19.0-20.0	2	9	7	80	.1	1	7	877	4.20	5	5	ND	3	55	1	2	2	24	2.70	.16	13	1	1.12	29	.01	8	1.78	.04	.13	1	.02	.001	1310
D108-L6 20.0-21.0	4	11	12	80	.1	1	7	856	4.32	2	5	ND	2	42	1	2	2	25	2.90	.16	13	1	1.07	38	.01	10	1.84	.05	.15	1	.01	.001	1210
D108-L6 21.0-22.0	3	8	9	68	.2	2	6	792	3.66	2	7	ND	2	35	1	2	2	21	2.43	.16	13	8	.87	30	.01	7	1.52	.03	.12	1	.01	.001	1030
D108-L6 22.0-23.0	3	12	8	79	.5	1	7	1017	4.18	5	6	ND	2	60	1	3	2	23	3.31	.16	14	1	.94	34	.01	8	1.73	.05	.14	1	.01	.001	1140
D108-L6 23.0-23.28	2	14	10	64	.2	1	6	1020	3.63	2	5	ND	1	110	1	2	2	20	4.91	.13	11	1	.75	40	.01	8	1.53	.03	.17	1	.01	.001	550
D108-L6 23.28-23.50	2	13	9	77	.3	1	7	974	4.07	2	5	ND	2	39	1	2	2	26	2.76	.16	13	1	.90	37	.03	10	1.77	.04	.16	1	.01	.001	290
STD C	21	58	39	133	7.2	67	27	1148	3.98	38	19	7	39	52	17	15	20	61	.48	.14	36	60	.88	175	.08	37	1.72	.04	.11	12	-	-	-

TRIPLE CREEK

Soil Geochemistry

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
S108A 100N 180W	4	45	33	41	.1	9	5	601	12.50	2	8	NB	4	21	1	2	2	385	.71	.01	2	64	.34	24	1.01	2	2.10	.01	.04	1	1
S108A 100N 160W	2	24	17	26	.1	6	1	88	12.52	2	5	NB	3	13	1	2	5	511	.10	.01	2	157	.13	4	1.30	2	.91	.01	.03	1	4
S108A 100N 140W	2	20	19	20	.1	2	1	180	10.43	4	5	NB	3	11	1	2	3	321	.09	.01	2	31	.16	6	.69	2	1.40	.01	.03	1	1
S108A 100N 120W	1	35	19	16	.3	7	2	79	1.45	2	5	NB	2	37	1	2	4	95	.42	.06	2	17	.14	5	.31	3	.31	.01	.06	1	2
S108A 100N 100W	3	24	29	24	.1	4	1	118	14.70	2	5	NB	4	16	1	4	5	450	.17	.01	2	76	.17	8	.99	2	1.44	.01	.04	1	6
S108A 100N 80W	1	2	11	4	.1	1	1	125	.35	2	5	NB	2	5	1	2	4	97	.02	.01	10	25	.01	2	.40	2	.16	.01	.02	1	1
S108A 100N 60W	2	8	19	12	.1	3	1	62	6.15	4	5	NB	3	13	1	2	2	268	.30	.01	2	34	.07	5	.58	2	.74	.01	.03	1	1
S108A 100N 40W	4	118	74	165	.1	51	14	609	6.94	82	17	NB	4	32	1	5	5	115	.80	.02	2	94	1.21	49	.15	2	4.23	.01	.03	1	1
S108A 100N 20W	1	69	54	209	.1	44	16	1854	4.19	69	5	NB	1	33	1	2	2	75	1.76	.06	2	47	.65	58	.07	3	2.20	.01	.04	1	1
S108A 100N 20E	4	46	35	64	.2	24	7	491	9.97	15	5	NB	2	19	1	2	2	279	.31	.03	2	116	.46	17	.77	2	1.76	.01	.04	1	4
S108A 100N 40E	27	53	278	232	.1	15	133	6110	12.38	4	5	NB	3	12	1	3	2	320	.12	.02	2	143	.24	13	.71	2	3.64	.01	.03	1	1
S108A 100N 60E	1	9	26	25	.1	6	3	187	.79	2	5	NB	2	28	1	2	2	32	.61	.07	2	11	.12	19	.09	28	.26	.02	.06	1	1
S108A 100N 80E	17	111	58	173	.1	35	105	4516	8.64	10	5	NB	3	25	1	3	2	170	.36	.04	2	144	.29	18	.40	2	4.58	.01	.04	1	1
S108A 20N 100W	1	25	14	32	.1	10	4	243	6.08	17	5	NB	2	14	1	2	3	145	.15	.03	3	53	.58	16	.18	9	2.30	.01	.03	1	2
S108A 20N 80W	1	76	17	73	.1	25	11	739	5.01	27	5	NB	3	25	1	2	7	105	.49	.07	2	66	1.31	22	.24	2	3.24	.01	.03	1	1
S108A 20N 60W	3	79	37	169	.1	40	19	1185	6.51	62	7	NB	3	15	1	3	2	124	.23	.08	8	87	.79	33	.14	2	6.27	.01	.03	1	2
S108A 20N 40W	1	21	18	18	.1	4	2	95	7.45	11	5	NB	2	9	1	2	3	244	.08	.01	2	56	.12	13	.29	6	1.61	.01	.01	1	1
S108A 20N 20W	8	93	58	261	.1	29	43	11568	7.12	66	5	NB	2	20	1	3	2	144	.22	.11	3	93	.62	29	.15	8	3.97	.01	.04	1	35
S108A 20N 20E	6	58	39	81	.2	38	10	645	6.64	56	5	NB	3	30	1	5	3	136	.83	.04	2	107	.97	41	.19	2	2.79	.02	.03	1	1
S108A 20N 40E	2	42	19	36	.1	28	7	190	8.54	22	5	NB	2	18	1	2	3	272	.38	.02	2	74	.62	13	.56	2	8.53	.02	.02	1	6
S108A 20N 60E	3	74	23	69	.1	37	7	256	9.73	62	5	NB	3	12	1	9	2	199	.20	.02	2	155	.73	38	.39	2	5.15	.01	.02	1	1
S108A 40S 160W	2	35	18	51	.1	26	8	469	6.22	40	5	NB	3	34	1	3	2	159	.24	.05	2	120	1.34	17	.14	2	2.89	.01	.03	1	1
S108A 40S 140W	2	31	13	42	.1	12	4	129	6.25	62	5	NB	1	14	1	2	2	173	.12	.03	2	71	.35	14	.09	4	1.78	.01	.02	1	2
S108A 40S 120W	5	63	23	78	.1	22	5	285	6.65	73	5	NB	2	13	1	2	2	135	.18	.08	2	93	.92	35	.11	2	4.31	.01	.02	1	2
S108A 40S 100W	4	91	71	215	.1	40	20	1278	6.12	65	5	NB	2	29	1	5	3	127	.61	.08	6	111	1.46	63	.11	2	3.98	.01	.02	1	4
S108A 40S 80W	2	48	21	47	.1	14	5	259	6.78	26	5	NB	2	12	1	6	2	169	.14	.05	4	79	.60	19	.23	2	4.20	.01	.01	1	1
S108A 40S 60W	2	29	17	36	.1	8	3	239	7.03	17	5	NB	2	15	1	6	2	173	.20	.03	2	63	.37	21	.21	9	2.90	.01	.01	1	1
S108A 40S 40W	1	10	19	35	.1	8	4	232	3.00	8	7	NB	1	19	1	2	3	127	.22	.02	2	37	.66	17	.23	8	2.01	.01	.02	1	1
S108A 40S 20W	1	21	19	21	.1	6	2	73	1.60	4	5	NB	1	21	1	2	2	115	.18	.02	3	35	.26	17	.34	11	1.92	.01	.01	1	1
S108A 40S 20E	2	35	21	28	.1	7	3	103	9.63	16	5	NB	3	11	1	2	2	299	.07	.02	3	76	.18	10	.46	2	2.25	.01	.01	1	1
S108A 40S 40E	1	9	8	25	.2	4	2	58	.43	2	5	NB	1	29	1	2	2	15	.21	.05	2	6	.17	18	.02	2	.22	.02	.03	1	1
S108A 40S 60E	2	51	21	50	.1	11	3	131	8.81	26	5	NB	2	10	1	2	2	204	.08	.03	2	64	.31	17	.19	5	2.95	.01	.02	1	1
S108A 40S 80E	2	45	22	101	.1	33	15	1674	6.14	56	5	NB	2	21	1	2	2	125	.35	.04	6	62	.71	32	.13	7	3.12	.02	.02	1	1
S108A 40S 100E	4	77	33	75	.1	24	8	374	10.59	87	8	NB	4	10	1	2	2	175	.10	.04	3	92	.48	29	.13	2	4.41	.01	.01	1	5
STD C/FA-AU	21	61	41	133	6.9	73	27	1102	4.02	40	18	8	38	53	17	15	22	61	.48	.12	37	61	.88	182	.08	33	1.74	.06	.12	11	51

Triple Creek Area Soil Grid

Triple Creek Area Soil Grid

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
log Q																															
S-18A BL 1+00N	4	41	17	67	.2	42	1	321	10.01	11	6	MD	1	24	1	6	2	214	.34	.02	12	107	1.06	9	.60	10	2.34	.01	.02	1	2
S-18A BL 0+80N	1	85	17	269	.2	44	13	1662	6.22	40	7	MD	1	36	1	3	3	87	2.51	.08	3	82	1.53	44	.17	13	2.52	.01	.02	1	3
S-18A BL 0+60N	3	80	46	273	.1	63	20	3915	5.31	89	5	MD	2	27	2	5	5	84	1.07	.11	11	66	1.07	85	.67	7	3.33	.01	.01	1	4
S-18A BL 0+40N	4	81	55	297	.2	65	22	4553	5.44	90	5	MD	1	27	2	2	5	85	1.07	.12	13	68	1.15	92	.66	8	3.25	.01	.01	1	4
S-18A BL 0+20N	3	40	40	58	.1	23	2	457	9.03	60	5	MD	1	15	1	4	2	176	.19	.04	10	91	.47	14	.30	7	2.13	.01	.01	1	2
S-18A BL 0+00N	4	65	238	748	.3	21	18	4803	8.75	41	5	MD	1	15	6	6	2	156	.50	.05	5	65	.48	18	.23	5	2.03	.01	.01	1	3
S-18A BL 0+20S	2	86	27	70	.1	25	3	350	8.99	36	5	MD	3	9	1	4	4	177	.10	.05	5	109	.72	19	.23	6	5.12	.01	.01	1	2
S-18A BL 0+40S	2	77	27	95	.1	42	13	1069	7.74	34	5	MD	2	17	1	3	2	136	.32	.06	11	85	1.35	25	.25	5	3.82	.01	.01	1	1
STD C/FA-AU	20	60	40	130	7.1	68	25	1106	4.02	39	18	7	34	48	15	15	20	56	.48	.12	37	59	.88	178	.07	39	1.73	.05	.10	11	49

KT MINERAL CLAIM

Soil Geochemistry

TBC xc ZR

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN,FE,CA,P,CR,MG,BA,TI,B,AL,NA,K,W,SI,ZR,CE,SN,Y,NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: PULP AU** ANALYSIS BY FA+AA FROM 20 GRAM SAMPLE.

DATE RECEIVED: AUG 1985 DATE REPORT MAILED: Aug 13/85 ASSAYER. T. Saundry ..DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT - 303-608-001-108 FILE # 85-1703 R PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
S108 L1-00	1	19	13	27	.4	4	1	101	6.71	2	5	ND	1	11	1	4	2	175	.11	.03	2	28	.12	22	.19	2	1.83	.01	.01	1	1
S108 L1-20	1	10	11	18	.1	2	1	38	2.60	2	5	ND	1	65	1	4	2	87	.31	.04	2	6	.18	41	.12	5	.42	.02	.02	1	1
S108 L1-40	1	10	24	22	.1	4	1	40	.13	2	5	ND	1	63	1	2	2	4	.59	.08	2	1	.17	59	.01	6	.16	.04	.04	1	1
S108 L1-60	1	19	12	31	.4	7	3	291	3.85	2	5	ND	1	22	1	3	2	76	.28	.03	2	25	.50	27	.16	5	1.79	.01	.01	1	1
S108 L1-80	1	9	8	12	.1	3	4	28	.53	2	5	ND	1	56	1	2	2	17	.61	.07	4	6	.15	52	.04	6	.66	.02	.01	1	1
S108 L1-100	5	13	13	29	.2	7	3	245	4.61	2	5	ND	1	17	1	2	2	102	.21	.03	2	20	.42	22	.20	4	1.80	.01	.01	1	1
S108 L1-120	2	11	16	11	.1	1	1	54	5.07	2	5	ND	1	11	1	8	2	115	.09	.01	2	12	.09	24	.17	2	1.47	.01	.01	1	1
S108 L1-140	1	7	12	29	.1	2	1	41	.18	2	5	ND	1	38	1	3	2	4	.48	.07	2	3	.16	27	.01	8	.14	.04	.04	1	4
S108 L1-160	1	8	23	24	.1	2	1	57	.21	2	5	ND	1	27	1	2	2	10	.70	.08	2	1	.09	22	.01	6	.14	.02	.05	1	1
S108 L1-180	1	7	17	19	.2	1	1	46	.05	2	5	ND	1	28	1	2	2	2	.68	.07	2	1	.11	19	.01	5	.07	.04	.06	1	1
S108 L1-200	1	10	16	27	.2	2	1	26	.04	2	5	ND	1	44	1	2	2	2	.48	.08	2	1	.13	19	.01	5	.07	.05	.04	1	1
S108 L1-220	1	10	27	19	.1	3	1	80	.81	2	5	ND	1	58	1	2	2	22	.53	.11	2	5	.15	54	.04	7	.18	.03	.07	1	4
S108 L1-240	1	9	39	15	.1	3	1	33	.51	2	5	ND	1	73	1	2	2	17	1.26	.09	2	3	.19	19	.02	8	.22	.02	.04	1	1
S108 L1-260	1	35	23	41	.1	5	3	273	1.98	2	5	ND	1	44	1	2	2	33	.64	.10	2	10	.46	20	.07	6	.86	.08	.03	1	1
S108 L1-280	1	22	10	24	.3	8	2	132	1.63	3	5	ND	1	37	1	3	2	46	.49	.05	2	13	.35	59	.16	5	.64	.04	.02	1	1
S108 L1-300	1	11	18	23	.2	3	1	96	.60	2	5	ND	1	44	1	2	2	6	.36	.10	2	4	.30	7	.02	7	.22	.10	.08	1	1
S108 L1-320	1	5	22	14	.1	2	1	48	.41	2	5	ND	1	43	1	2	2	25	.67	.06	2	6	.14	63	.07	7	.30	.04	.03	1	1
S108 L1-340	1	8	15	20	.1	2	1	25	.07	2	5	ND	1	48	1	2	2	2	1.24	.08	2	1	.15	35	.01	9	.07	.04	.03	1	1
S108 L1-360	1	8	26	24	.1	3	1	29	.13	3	5	ND	1	39	1	2	2	4	.69	.10	4	1	.15	51	.01	8	.22	.03	.07	1	1
S108 L1-380	1	8	14	17	.2	1	1	17	.06	2	5	ND	1	30	1	2	4	2	.62	.06	2	1	.14	22	.01	5	.08	.03	.05	1	1
S108 L1-400	1	6	16	16	.1	1	1	17	.05	2	7	ND	1	30	1	3	2	2	.42	.06	2	1	.11	20	.01	4	.05	.03	.04	1	1
S108 L1-420	1	5	6	11	.1	3	1	87	.77	2	5	ND	1	19	1	2	5	42	.20	.02	2	11	.17	19	.15	2	.02	.01	.03	1	4
S108 L1-440	1	13	5	26	.1	5	10	574	3.25	2	5	ND	1	21	1	2	2	77	.25	.02	2	17	.42	32	.10	3	1.20	.01	.01	1	1
S108 L1-460	1	13	23	18	.1	4	3	176	.76	2	5	ND	1	44	1	2	3	24	.56	.10	3	9	.12	63	.06	7	.48	.02	.03	1	1
S108 L1-480	1	10	13	32	.1	11	5	369	3.50	2	5	ND	1	16	1	2	2	85	.32	.05	3	20	.72	22	.20	5	1.69	.04	.02	1	1
S108 L1-500	1	34	3	22	.1	9	2	164	2.21	2	5	ND	1	14	1	2	2	98	.18	.02	2	29	.35	43	.26	3	3.25	.01	.01	1	1
S108 L1-520	1	17	7	27	.1	8	4	216	3.15	4	5	ND	1	21	1	2	2	94	.28	.02	3	18	.38	36	.23	5	2.08	.01	.02	1	1
S108 L1-540	1	20	16	24	.3	5	3	143	3.08	2	5	ND	1	22	1	2	2	38	.33	.17	3	11	.16	29	.06	9	1.50	.05	.07	1	1
S108 L1-560	1	25	16	15	.1	5	2	126	2.20	2	5	ND	1	15	1	2	2	36	.22	.14	3	14	.14	25	.07	17	1.86	.03	.02	1	4
S108 L1-580	1	16	13	25	.1	7	4	255	2.38	2	5	ND	1	25	1	2	2	49	.39	.07	3	15	.34	32	.12	20	1.22	.04	.03	1	1
S108 L1-600	1	6	3	9	.1	2	1	75	.77	2	5	ND	1	13	1	2	2	69	.16	.02	2	19	.16	13	.24	2	1.02	.01	.01	1	4
S108 L1-620	1	12	10	12	.1	1	1	298	.06	2	5	ND	1	22	1	2	4	2	.48	.05	2	2	.07	13	.01	20	.05	.03	.03	1	1
S108 L1-640	1	12	16	16	.1	4	1	26	.12	2	6	ND	1	46	1	2	4	2	.72	.10	2	1	.11	64	.01	4	.11	.02	.06	1	1
S108 L1-660	1	8	15	17	.1	3	1	36	.09	2	5	ND	1	45	1	2	4	2	1.09	.07	2	1	.16	33	.01	25	.08	.05	.03	1	1
S108 L1-680	19	183	16	140	1.6	3	9	440	5.57	3	7	ND	1	23	1	2	2	128	.57	.08	4	6	.79	112	.06	6	2.20	.02	.03	1	1500
S108 L1-700	2	10	22	16	.1	2	1	13	.12	2	5	ND	1	39	1	2	4	3	.51	.08	2	1	.17	18	.01	18	.08	.04	.08	1	1
STD C/FA-AU	20	60	40	132	7.0	69	27	1088	3.98	36	15	7	37	50	15	15	20	57	.48	.13	39	60	.88	179	.07	36	1.71	.06	.11	11	50

KT Claim Soil Line L-1

KT Claim Soil Line L-1

KT Claim Soil Line L-2

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au++ PPB
S108 L1-720 ROCK	2	98	10	92	.2	16	18	1342	7.09	2	5	ND	3	16	1	4	2	128	1.45	.10	5	67	3.12	19	.26	2	4.00	.02	.01	1	1
S108 L1-740 ROCK	1	385	11	39	.1	2	22	456	4.82	2	5	ND	2	19	1	2	2	156	2.24	.15	6	1	.79	19	.19	7	2.62	.04	.02	1	1
S108 L1-760	1	28	7	18	.1	2	3	34	.90	2	5	ND	1	59	1	2	2	15	.42	.09	2	1	.21	37	.02	4	.45	.03	.07	1	1
S108 L1-780	1	8	9	16	.2	1	1	13	.07	2	5	ND	1	56	1	2	2	2	.60	.05	2	1	.14	44	.01	7	.07	.02	.05	1	1
S108 L1-800 ROCK	1	103	14	47	.2	1	9	502	5.73	2	5	ND	2	33	1	4	2	164	.82	.12	4	1	.95	36	.18	3	1.47	.05	.05	1	1
S108 L1-820 ROCK	1	64	3	26	.3	5	10	399	5.16	3	6	ND	3	36	1	5	2	171	1.37	.09	4	17	.60	53	.13	8	1.49	.08	.06	1	1
S108 L1-840 ROCK	135	563	2	27	.3	4	29	319	4.61	2	5	ND	3	75	1	3	2	131	1.42	.11	3	1	.70	40	.14	2	1.99	.13	.04	1	1
S108 L1-860	12	38	16	22	.1	2	2	52	.51	2	5	ND	1	30	1	2	2	16	.63	.07	2	1	.18	8	.03	5	.25	.03	.06	1	1
S108 L1-880	1	9	11	13	.1	2	1	17	.10	2	5	ND	2	53	1	2	4	2	.86	.07	2	1	.15	42	.01	9	.08	.03	.07	1	1
S108 L1-900	1	6	10	19	.1	2	1	18	.06	2	5	ND	1	32	1	2	5	2	.60	.06	2	1	.12	20	.01	5	.04	.03	.05	1	1
S108 L1-920	7	17	14	17	.8	2	1	39	1.24	2	5	ND	1	17	1	2	4	41	.18	.20	3	4	.09	27	.08	3	1.24	.03	.10	1	1
S108 L1-940	6	9	11	18	.1	3	1	45	.17	2	5	ND	1	64	1	2	2	4	1.04	.11	2	1	.15	53	.01	11	.13	.02	.06	1	1
S108 L1-960	4	31	8	11	.1	4	1	39	.98	2	5	ND	1	23	1	2	4	13	.22	.21	4	2	.08	31	.02	2	1.79	.02	.04	1	4
S108 L1-980	2	9	5	7	.1	1	1	40	1.12	2	5	ND	1	11	1	2	5	67	.10	.04	3	5	.06	17	.10	2	1.05	.02	.05	1	1
S108 L1-1000	1	26	2	36	.1	14	4	359	1.93	2	5	ND	1	17	1	2	2	68	.36	.03	4	28	.82	20	.26	4	1.77	.02	.03	1	1
S108 L2-00	1	11	20	22	.2	4	1	118	.32	2	5	ND	1	41	1	2	2	10	.37	.09	2	1	.18	54	.03	5	.33	.03	.07	1	1
S108 L2-20	1	6	15	17	.1	5	1	34	.35	2	5	ND	1	40	1	2	2	14	.57	.13	2	3	.12	41	.05	7	.59	.03	.06	1	1
S108 L2-40	1	16	4	30	.1	5	1	260	6.01	4	5	ND	2	19	1	5	2	138	.20	.03	4	35	.45	18	.32	2	1.62	.02	.04	1	1
S108 L2-60	1	13	10	37	.3	10	4	399	5.69	4	6	ND	3	21	1	2	2	139	.26	.02	4	30	.69	14	.29	4	2.32	.02	.02	1	2
S108 L2-80	1	9	16	21	.3	4	1	98	1.49	2	5	ND	1	38	1	2	3	45	.36	.06	2	7	.18	32	.08	6	.51	.02	.05	1	4
S108 L2-100	1	11	10	14	.1	4	1	118	2.06	4	5	ND	1	25	1	2	6	91	.30	.04	2	19	.13	21	.16	4	.42	.02	.04	1	2
S108 L2-120	1	10	10	19	.2	4	1	151	1.85	2	5	ND	2	10	1	2	4	58	.22	.08	3	11	.24	25	.14	2	1.41	.02	.05	1	1
S108 L2-140	1	18	10	15	.1	4	3	208	.96	2	5	ND	2	19	1	2	6	28	.32	.07	3	7	.13	25	.05	2	1.46	.02	.05	1	1
S108 L2-160	1	18	8	48	.1	12	5	409	2.64	2	5	ND	3	27	1	2	7	68	.41	.05	4	23	.83	24	.20	3	2.48	.02	.07	1	1
S108 L2-180	1	25	7	35	.1	9	4	304	3.23	2	7	ND	2	17	1	2	6	73	.24	.04	4	25	.56	18	.19	2	3.29	.01	.04	1	1
S108 L2-200	1	14	6	23	.1	5	5	291	4.27	2	6	ND	2	14	1	2	2	75	.15	.04	2	16	.28	20	.16	2	1.91	.01	.05	1	1
S108 L2-220	1	20	7	14	.1	5	3	115	1.98	2	5	ND	1	13	1	2	8	25	.12	.09	3	9	.10	23	.05	7	2.37	.01	.05	1	1
S108 L2-240	1	22	6	40	.1	13	5	407	7.07	2	8	ND	5	17	1	2	2	125	.23	.02	3	50	.65	16	.32	2	3.21	.02	.03	1	1
S108 L2-260	1	27	3	32	.1	9	3	297	5.35	2	7	ND	3	14	1	2	2	113	.21	.01	2	40	.47	13	.28	2	3.52	.01	.03	1	2
S108 L2-280	1	14	5	13	.1	5	2	79	2.65	2	5	ND	1	14	1	2	2	66	.17	.04	2	13	.12	18	.12	8	1.88	.02	.02	1	1
S108 L2-300	1	8	7	14	.1	3	1	91	1.89	2	5	ND	1	23	1	2	2	73	.31	.04	2	7	.16	24	.10	2	.81	.01	.04	1	1
S108 L2-320	1	25	4	59	.2	17	8	642	4.92	2	6	ND	3	32	1	2	2	100	.64	.06	5	32	1.16	60	.28	4	2.43	.05	.05	1	1
S108 L2-340	1	10	9	21	.1	5	3	157	2.05	2	7	ND	1	35	1	2	3	66	.50	.05	2	13	.33	29	.15	2	.71	.02	.03	1	1
S108 L2-360	1	14	5	28	.1	5	3	258	4.27	2	5	ND	2	21	1	2	3	116	.27	.03	3	18	.44	21	.27	9	1.19	.02	.03	1	2
S108 L2-380	1	8	4	13	.1	1	1	88	5.34	2	8	ND	3	16	1	2	7	128	.10	.03	2	14	.10	12	.18	2	.92	.01	.04	1	4
S108 L2-400	1	9	12	9	.1	1	1	73	1.22	2	5	ND	2	26	1	2	7	109	.23	.05	2	2	.14	17	.24	2	.92	.02	.04	1	1
STD C/FA-AU	20	62	38	131	7.1	71	26	1131	4.00	39	15	8	38	50	16	15	20	60	.48	.13	36	56	.88	178	.08	37	1.71	.06	.11	12	48

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
S108 L2-420	1	5	9	20	.2	1	1	22	.44	2	5	NB	1	29	1	4	2	31	.56	.05	2	2	.12	20	.05	5	.10	.02	.04	1	1
S108 L2-440	1	45	15	47	.1	15	3	492	3.84	2	5	NB	2	27	1	3	5	99	.53	.05	2	29	.84	32	.23	2	1.90	.02	.04	1	2
S108 L2-460	1	34	10	34	.2	10	1	377	4.12	3	5	NB	1	25	1	2	2	128	.46	.02	2	28	.64	17	.32	2	1.72	.02	.03	1	6
S108 L2-480	1	4	11	17	.1	1	1	79	.10	2	5	NB	1	20	1	2	2	4	.34	.04	2	1	.00	11	.01	3	.00	.02	.03	1	1
S108 L2-500	1	9	12	13	.1	1	1	98	3.10	2	5	NB	1	13	1	2	3	143	.14	.02	2	9	.13	16	.21	2	1.34	.01	.02	1	1
S108 L2-520	1	16	12	16	.2	4	1	97	1.37	2	5	NB	1	18	1	2	4	44	.25	.10	4	18	.20	24	.12	2	1.88	.02	.03	1	1
S108 L2-540	5	9	8	17	.1	3	1	106	1.34	2	5	NB	1	18	1	2	7	73	.29	.03	4	19	.21	19	.27	2	1.51	.02	.03	1	1
S108 L2-560	3	6	11	13	.1	2	1	76	2.75	2	8	NB	1	15	1	5	4	131	.18	.02	2	17	.13	12	.27	2	1.07	.01	.03	1	2
S108 L2-580	7	8	11	12	.1	1	1	80	1.79	2	5	NB	1	16	1	3	4	114	.17	.02	3	19	.14	14	.31	2	1.15	.01	.03	1	1
S108 L2-600	3	11	8	18	.1	2	1	126	6.49	3	7	NB	1	14	1	3	5	167	.13	.01	2	37	.19	11	.32	2	1.90	.01	.03	1	3
S108 L2-620	1	30	11	29	.1	12	1	288	2.92	5	5	NB	2	17	1	3	2	89	.29	.02	5	40	.62	12	.34	2	3.17	.01	.02	1	2
S108 L2-640	1	6	13	18	.2	2	1	25	.29	2	5	NB	1	48	1	4	2	7	.73	.06	2	3	.13	37	.02	5	.35	.02	.03	1	1
S108 L2-660	1	8	9	13	.2	1	1	51	2.00	2	5	NB	1	31	1	2	2	89	.58	.02	2	8	.12	20	.21	2	.66	.02	.04	1	1
S108 L2-680	1	7	6	20	.1	1	1	74	1.23	2	5	NB	1	45	1	2	2	50	.32	.03	2	2	.25	24	.08	5	.32	.02	.03	1	1
S108 L2-700	1	5	8	21	.1	1	1	87	.09	2	5	NB	1	24	1	2	3	3	.35	.05	2	1	.11	7	.01	10	.07	.03	.05	1	1
S108 L2-720	1	27	5	20	.1	2	3	163	1.91	2	5	NB	1	15	1	3	4	55	.45	.08	2	9	.31	8	.06	4	.54	.03	.06	1	1
S108 L2-740 ROCK	2	55	13	73	.2	5	10	1028	6.00	2	5	NB	2	44	1	2	3	158	2.42	.10	2	23	1.60	23	.24	2	3.17	.02	.04	1	1
S108 L2-760	1	5	7	25	.1	1	1	175	.25	2	5	NB	1	16	1	2	2	9	.43	.06	2	2	.11	5	.01	4	.13	.02	.05	1	4
S108 L2-780 ROCK	1	55	9	39	.2	3	1	472	5.14	3	5	NB	2	18	1	2	5	99	.70	.13	5	21	.60	90	.23	2	1.03	.06	.16	1	1
S108 L2-800	1	4	8	14	.1	1	1	59	2.39	2	5	NB	1	17	1	2	2	94	.29	.02	2	10	.10	9	.06	2	.20	.02	.03	1	1
S108 L2-820 ROCK	1	63	7	41	.1	6	8	567	5.68	2	5	NB	1	28	1	2	5	165	1.73	.08	2	16	.87	53	.18	2	1.93	.07	.06	1	1
S108 L2-840	32	54	15	29	.2	6	2	327	4.40	2	7	NB	1	13	1	2	4	156	.27	.05	5	22	.48	26	.17	2	3.40	.02	.04	1	1
S108 L2-860	1	6	6	5	.1	1	1	86	.54	2	5	NB	1	8	1	2	4	49	.09	.02	5	2	.04	7	.10	2	.52	.01	.03	1	1
S108 L2-880	1	6	14	34	.1	1	1	159	.69	2	5	NB	1	21	1	2	2	26	.48	.07	2	8	.11	19	.03	6	.19	.02	.07	1	1
S108 L2-900	1	6	13	20	.1	1	1	45	.19	2	5	NB	1	32	1	2	4	7	.55	.06	2	1	.11	28	.01	7	.08	.02	.04	1	1
S108 L2-920	3	37	13	22	.1	2	5	147	3.00	5	7	NB	1	25	1	2	6	143	.35	.03	3	11	.37	21	.17	3	.78	.02	.04	1	2
S108 L2-940	2	13	17	18	.2	3	1	168	2.24	2	6	NB	1	12	1	2	6	112	.14	.03	5	19	.34	17	.20	2	1.29	.01	.04	1	1
S108 L2-960	4	44	13	28	.1	6	1	230	8.76	2	5	NB	4	11	1	2	3	196	.26	.01	3	62	.43	14	.30	2	3.57	.01	.02	1	31
S108 L2-980	1	3	5	15	.3	1	1	2	.06	2	5	NB	1	21	1	2	2	2	.54	.03	2	1	.06	6	.01	6	.03	.01	.02	1	1
S108 L2-1000	1	12	13	31	.2	1	1	267	3.15	7	5	NB	2	17	1	2	6	114	.21	.05	3	11	.52	17	.21	2	.81	.01	.04	1	2
STD C/FA-AU	20	59	40	137	6.9	71	26	1179	4.03	39	15	9	36	51	16	16	20	62	.48	.13	35	58	.88	175	.08	36	1.73	.06	.12	11	52

KT
Claim
Soil
Line
L-2

RECONNAISSANCE

Rock Geochemistry

TEC Elata

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 TELEX 04-53124

DATE RECEIVED: AUG 12 1985

DATE REPORT MAILED: Aug 14/85

ASSAY CERTIFICATE

. SAMPLE TYPE: ROCK CHIPS AU** AND AG** BY FIRE ASSAY (1 A/T)

ASSAYER: T. Saundry DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT - 301-608-001-108 FILE # 85-1818A PAGE 1

	SAMPLE#	Cu %	Pb %	Zn %	Ag** OZ/T	Au** OZ/T	
R108 - 37	R-108-7101 ✓	.67	.01	.03	.01	.001	
36	R-108-7102 ✓	.44	.01	.07	.03	.003	
35	R-108-7103 ✓	.21	.01	.11	.02	.004	
34	R-108-7104 ✓	.28	.01	.01	.02	.006	
33	R-108-7105 ✓	.58	.01	.01	.02	.001	Quartz vein float
32	R-108-7106 ✓	.86	.13	1.99	.38	.017	
31	R-108-7107 ✓	1.23	.01	.01	.03	.011	
30	R-108-7108 ✓	.32	.01	.08	.06	.011	
28	R-108-7110 ✓	.80	.01	.01	.54	.042	
27	R-108-7111 ✓	.07	.01	.01	.04	.060	
26	R-108-7112 ✓	.74	.01	.01	.04	.006	
25	R-108-7113 ✓	.39	.01	.02	.08	.009	
	R-108-7122 1.0m	.04	.01	.01	.06	.016	PRIDE OF THE WEST CHANNEL SAMPLES FROM ADIT
POW	R-108-7123 1.1m	.06	.01	.01	.03	.003	
	R-108-7124 1.7m	.24	.01	.01	.03	.007	

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 TELEX 04-53124

DATE RECEIVED: AUG 13 1985

DATE REPORT MAILED: Aug 15/85

ASSAY CERTIFICATE

. SAMPLE TYPE: ROCK CHIPS AU** AND AG** BY FIRE ASSAY

ASSAYER: DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT-301-608-001-108 FILE#85-1843A PAGE 1

	SAMPLE#	Cu %	Pb %	Zn %	Ag** OZ/T	Au** OZ/T
SUICIDE	R108-38	.01	.01	.02	.01	.001
	R108-39	.01	.01	.01	.01	.001
	R108-40	.16	.01	.03	.03	.003
	R108-41	.11	.01	.01	.03	.015
	R108-42	.63	.01	.23	.02	.001
	R108-43	.18	.03	.18	.03	.014
	R108-44	.23	.01	.31	.02	.003
	R108-45	.01	.01	.02	.01	.001
	R108-46	.01	.01	.01	.01	.001
	R108-47	.76	.01	.01	.02	.005
	R108-48	.05	.01	.01	.01	.010
	R108-49	.02	.01	.01	.01	.016
	R108-51	.30	.07	.02	.06	.017
	R108-52	.55	.02	.02	.05	.024
	R108-53	.01	.01	.01	.01	.001

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN,FE,CA,P,CR,MG,BA,TI,B,AL,NA,K,W,SI,ZR,CE,SN,Y,NB AND TA. Au DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK Au** ANALYSIS BY FA+AA FROM 20 GRAM SAMPLE.

DATE RECEIVED: AUG 16 1985 DATE REPORT MAILED: Aug 20/85 ASSAYER: V. Saundry DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT - 301-608-001-108 FILE # 85-1907 PAGE 1

	SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
Handsome Lake	L-W 124 R108-7065	5	60	11	36	.4	6	21	401	5.78	21	5	NB	2	7	1	2	2	56	.37	.09	4	2	1.15	29	.17	7	1.43	.02	.17	1	5
	123 R108-7066	2	49	9	42	.2	13	14	625	3.80	18	5	NB	1	107	1	2	2	67	2.46	.12	6	14	1.28	122	.20	8	2.20	.04	.04	1	7
	122 R108-7067	2	18	4	12	.1	4	5	212	2.06	9	5	NB	4	10	1	2	3	42	.70	.06	8	5	.49	62	.16	11	1.05	.07	.06	1	1
	121 R108-7068	2	68	3	16	.2	2	11	322	3.56	4	5	NB	2	17	1	2	2	35	.79	.16	9	1	.85	68	.23	6	1.47	.09	.06	1	1
	120A R108-7069	5	9	2	9	.1	1	3	182	1.54	2	5	NB	5	14	1	2	4	18	.26	.03	7	3	.41	33	.12	2	.71	.07	.04	1	1
Mt Nevercold	L-82 R108-7070	2	11	19	45	.1	41	15	1886	2.97	6	5	NB	3	64	1	2	2	82	10.54	.07	2	138	1.49	16	.18	3	1.97	.01	.01	1	1
Mt. Nevercold	L-88 R108-7071	1	2	2	35	.2	5	4	426	1.47	2	5	NB	1	18	1	3	2	24	.60	.05	6	5	.58	28	.24	3	.96	.03	.12	1	2
	L-89 R108-7072	2	210	5	88	.3	8	20	977	4.57	2	5	NB	1	31	1	2	2	80	.71	.04	4	9	1.55	97	.23	2	2.00	.08	.06	1	3
	L-90 R108-7073	1	736	29	60	.3	7	8	607	2.92	5	5	NB	1	9	1	2	2	33	1.09	.03	4	3	.77	39	.01	2	1.25	.03	.09	1	5
	L-91 R108-7074	1	13	2	37	.1	2	5	492	1.03	3	5	NB	2	14	1	2	2	13	1.36	.05	13	4	.51	50	.01	6	.93	.02	.15	1	1
Serene Lake	L-92 R108-7075	1	97	6	100	.1	65	38	1102	10.22	2	5	NB	1	18	1	2	2	263	1.93	.10	10	116	3.31	41	.05	4	3.70	.02	.03	1	3
	93 R108-7076	1	110	2	91	.2	55	32	1029	7.91	2	5	NB	2	45	1	2	2	217	4.92	.09	6	53	2.37	13	.56	20	3.18	.04	.01	1	1
	94 R108-7077	1	58	9	81	.1	36	23	996	5.97	2	5	NB	1	18	1	2	2	179	2.09	.09	8	43	2.10	26	.50	8	2.92	.04	.06	1	1
	95 R108-7078	2	32	2	92	.2	55	30	1021	6.42	2	5	NB	4	129	1	2	2	101	10.93	.03	7	62	1.99	13	.04	5	2.75	.01	.04	1	2
	96 R108-7079	2	27	15	74	.2	39	21	984	5.32	4	5	NB	2	64	1	2	2	134	6.04	.05	7	46	2.04	29	.35	9	2.63	.01	.06	1	3
	L-97 R108-7080	1	94	3	67	.2	30	24	1009	5.04	2	5	NB	1	35	1	2	2	137	3.38	.06	5	19	2.25	27	.27	15	3.41	.05	.03	1	1
Spinal Cond Creek	98 R108-7081	1	8	3	38	.1	22	8	490	1.51	2	5	NB	2	236	1	2	2	36	22.35	.06	3	24	.89	17	.14	2	1.27	.01	.04	1	1
	99 R108-7082	1	5	9	9	.1	1	1	131	.40	5	5	NB	2	72	1	4	2	9	19.39	.04	2	6	.12	7	.02	23185	.27	.01	.01	1	1
	100 R108-7083	8	45	2	70	.2	26	10	649	4.03	26	5	NB	1	30	1	2	2	88	.92	.02	2	39	1.70	41	.11	168	2.68	.09	.03	1	1
	101 R108-7084	6	485	124	135	.4	17	4	1350	1.37	6	5	NB	3	109	1	2	2	22	13.17	.28	3	17	.63	13	.05	50	2.07	.24	.03	1	2
Pipestem Inlet	L-102 R108-7085	1	20	2	54	.2	31	20	470	2.51	2	5	NB	1	295	1	2	2	85	2.52	.04	2	32	1.52	7	.24	42	1.96	.03	.01	1	1
	103 R108-7086	6	3966	339	492	1.2	18	22	534	2.89	5	5	NB	1	53	3	2	2	49	1.37	.07	2	15	1.13	62	.11	38	1.37	.13	.06	1	7
	104 R108-7087	3	57	8	93	.3	16	15	1035	5.03	3	5	NB	1	58	1	2	6	41	.90	.05	3	11	.94	52	.36	134	2.04	.02	.11	1	2
	105 R108-7088	1	10	15	53	.1	3	5	582	2.12	2	5	NB	1	40	1	2	2	17	1.98	.09	11	2	.52	73	.03	26	.96	.03	.13	1	1
	106 R108-7089	1	56	14	53	.1	5	6	504	1.61	3	5	NB	1	54	1	2	2	17	1.40	.08	8	4	.39	111	.08	20	.79	.04	.10	1	2
	L-107 R108-7090	1	6	5	46	.1	98	18	671	4.39	2	5	NB	1	77	1	2	2	163	1.97	.13	4	115	1.95	46	.25	13	1.91	.06	.05	1	1
	108 R108-7091	1	5	5	52	.1	46	20	633	5.62	2	5	NB	2	22	1	2	2	150	5.04	.12	3	139	1.26	15	.29	20	3.12	.07	.04	1	1
	109 R108-7092	1	20	9	28	.1	35	14	357	3.08	2	5	NB	1	22	1	2	2	119	1.49	.07	4	50	1.06	13	.23	30	1.56	.15	.04	1	1
	110 R108-7093	1	35	2	29	.1	26	12	415	3.34	6	5	NB	1	28	1	2	2	88	1.54	.07	6	57	1.07	27	.24	11	1.78	.11	.04	1	2
	111 R108-7094	2	19	3	27	.1	22	9	395	2.70	2	5	NB	2	32	1	2	2	55	.87	.06	8	34	.88	31	.18	6	1.51	.10	.05	1	2
	L-112 R108-7095	1	6	7	18	.1	1	3	316	1.47	2	5	NB	5	9	1	2	3	11	.19	.03	14	1	.26	33	.06	6	.59	.08	.06	1	1
	113 R108-7096	2	43	3	34	.1	28	13	447	3.12	5	5	NB	2	28	1	2	2	72	1.13	.06	7	53	1.16	29	.21	6	1.75	.08	.04	1	2
	114 R108-7097	2	14	6	14	.1	1	1	177	.96	3	5	NB	6	4	1	2	2	1	.03	.01	14	1	.09	29	.01	3	.33	.06	.05	1	1
	115 R108-7098	5	167	5	22	.3	23	15	694	6.63	12	5	NB	3	62	1	2	2	53	8.52	.08	2	16	1.03	3	.23	71	1.35	.01	.01	1	5
Talus Slope E-NE of L.	116 R108-7099	2	184	2	44	.1	46	22	611	5.76	2	5	NB	1	34	1	2	2	174	1.11	.07	4	70	1.73	27	.56	8	2.29	.09	.03	1	1
	117 R108-7100	1	38	2	43	.1	48	18	577	5.06	2	5	NB	1	31	1	2	2	153	3.32	.06	6	122	1.51	16	.42	16	3.02	.55	.01	1	3
	STD C/FA-AU	20	59	38	136	7.2	70	30	1186	3.96	38	18	8	36	52	16	15	21	59	.48	.15	38	57	.84	172	.08	40	1.71	.06	.10	12	51

	SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
CW	131 R108-7144	3	1032	14	29	.3	9	127	960	26.30	119	5	ND	3	2	1	2	2	34	3.41	.08	23	14	.66	9	.09	29	1.48	.01	.02	1	24
	130 R108-7145	1	38	11	39	.1	58	18	1184	16.02	13	5	ND	4	75	1	2	2	33	6.88	.03	16	19	.85	12	.07	14	1.70	.01	.01	1	2
Handsome L.	127 R108-7146	1	5	2	39	.1	51	13	493	4.30	7	5	ND	1	183	1	2	3	87	2.84	.02	7	61	1.41	6	.43	3	1.96	.01	.01	1	1
	128 R108-7147	1	3	2	15	.1	6	4	201	1.34	2	5	ND	3	24	1	2	4	7	.29	.01	7	6	.51	9	.10	10	.69	.04	.02	1	1
	129 R108-7148	1	5	3	4	.1	3	1	87	.62	2	5	ND	1	26	1	3	3	4	.24	.01	2	4	.11	9	.01	2	.32	.01	.03	1	2
	126 R108-7149	4	42	2	10	.1	2	7	152	1.25	4	5	ND	2	11	1	2	3	10	.49	.02	6	3	.41	25	.09	10	.71	.06	.02	1	2
	125 R108-7150	3	58	2	75	.1	1	10	945	4.07	17	5	ND	3	12	1	2	2	51	.79	.20	9	2	1.88	37	.36	4	1.86	.05	.09	1	2
L-	118 R108-7151	1	1	2	17	.1	3	3	200	1.16	2	5	ND	3	12	1	2	2	6	.19	.02	7	2	.18	49	.06	5	.49	.06	.09	1	1
Talus Slope E of NE of K.Ve L.	119 R108-7152	1	70	4	48	.1	30	17	591	4.61	3	5	ND	1	26	1	2	2	125	1.23	.07	6	52	1.55	18	.42	12	2.04	.07	.04	1	1
	120 R108-7153	2	73	3	60	.1	31	18	714	4.98	6	5	ND	1	49	1	2	2	121	1.41	.09	6	58	1.51	18	.36	12	2.27	.07	.04	1	1
L-	121 R108-7154	3	31040	8	10	5.2	18	23	328	9.85	4	5	ND	1	141	2	2	2	66	2.57	.33	2	20	.37	5	.29	11	1.36	.02	.01	1	14
CW-	132 R108-7155	1	47	3	27	.1	18	7	527	1.32	2	5	ND	1	26	1	2	2	19	1.63	.03	6	23	.86	85	.05	2	.79	.07	.03	1	2
	133 R108-7156	2	180	6	45	.2	50	17	946	2.71	4	5	ND	1	137	1	2	2	73	4.45	.07	5	87	1.77	9	.32	4	1.79	.02	.01	1	1
	134 R108-7157	1	15	2	11	.1	1	3	240	1.27	2	5	ND	1	50	1	2	2	4	.92	.03	14	3	.36	56	.01	5	.56	.05	.09	1	1
	135 R108-7158	2	55	3	70	.1	34	19	576	5.05	3	5	ND	1	30	1	2	2	120	1.33	.08	7	51	1.82	35	.35	9	2.05	.04	.03	1	1
CW-	136 R108-7159	2	20	2	17	.1	1	3	252	1.46	3	5	ND	1	9	1	2	3	5	.18	.02	5	3	.26	54	.08	5	.57	.05	.10	1	1
	137 R108-7160	2	25	2	51	.1	22	14	901	1.99	12	5	ND	1	191	1	2	4	34	2.74	.07	4	27	.35	10	.27	4	1.26	.01	.01	1	1
	138 R108-7161	2	18	2	38	.1	16	9	735	1.86	7	5	ND	1	66	1	2	7	33	2.41	.08	5	23	.47	14	.34	2	.94	.04	.01	1	2
	139 R108-7162	2	11	5	118	.1	2	10	1944	6.48	34	5	ND	4	71	1	2	2	11	10.67	.05	7	3	1.02	12	.07	10	1.33	.01	.01	1	2
	140 R108-7163	1	2	2	20	.2	5	3	522	1.42	2	5	ND	1	115	1	2	3	7	1.96	.02	5	1	.42	6	.10	2	1.34	.01	.01	1	1
Hand Some Lake	CW- 141 R108-7164	1	4	2	10	.1	8	2	279	.96	2	5	ND	1	110	1	2	6	12	1.58	.11	8	3	.28	6	.24	3	.96	.04	.01	1	1
	142 R108-7165	1	42	2	72	.1	8	17	544	4.74	2	5	ND	1	54	1	2	2	158	1.66	.11	7	14	1.62	88	.12	9	2.51	.21	.05	1	1
	143 R108-7166	2	6	2	12	.1	4	1	214	1.47	2	5	ND	2	13	1	2	2	8	.32	.03	4	4	.34	50	.11	5	.69	.05	.06	1	1
	144 R108-7167	1	7	2	13	.2	6	4	233	1.70	2	5	ND	1	31	1	2	3	21	.61	.04	4	7	.35	23	.13	2	.85	.06	.03	1	1
	145 R108-7168	1	7	6	12	.1	4	1	114	1.27	2	5	ND	2	15	1	2	2	9	.29	.03	7	1	.22	32	.10	2	.42	.06	.04	1	1
CW-	146 R108-7169	1	1	2	8	.1	23	3	187	1.30	5	5	ND	1	39	1	2	8	62	2.65	.12	5	42	.54	17	.26	23	1.72	.08	.03	1	1
	147 R108-7170	1	7	2	48	.1	6	6	582	1.11	2	5	ND	3	28	1	2	2	14	3.38	.05	8	2	1.17	8	.11	5	2.06	.04	.01	1	2
	148 R108-7171	1	107	15	57	.2	5	29	2629	12.51	24	5	ND	5	18	1	2	2	28	11.74	.02	10	3	.47	31	.01	4	.61	.01	.01	18	1
	149 R108-7172	2	14	2	47	.2	1	6	678	3.35	2	5	ND	3	13	1	2	4	32	1.10	.10	12	3	.71	336	.19	8	1.69	.06	.05	1	1
	150 R108-7173	2	3	3	13	.1	2	5	300	2.54	2	5	ND	2	22	1	2	6	28	.86	.07	10	2	.47	150	.15	6	1.01	.07	.04	1	1
CW-	151 R108-7174	2	8	2	64	.2	78	28	775	5.78	4	5	ND	2	407	1	2	2	173	5.08	.09	8	124	2.56	77	.59	11	3.03	.02	.02	1	1
	152 R108-7175	1	22	4	21	.1	24	12	367	3.82	3	5	ND	1	32	1	2	8	123	1.63	.06	5	39	.86	13	.39	8	1.64	.05	.01	1	1
	153 R108-7176	1	369	2	50	.1	35	24	659	5.01	3	5	ND	1	35	1	2	9	162	1.72	.11	8	62	1.52	14	.52	5	1.61	.05	.02	1	1
	154 R108-7177	1	7	2	28	.1	10	9	459	3.06	3	5	ND	1	34	1	2	3	59	1.17	.16	8	16	1.15	36	.24	3	1.30	.07	.04	1	2
	155 R108-7178	1	32	2	35	.1	29	14	397	4.95	2	5	ND	1	26	1	2	5	151	1.43	.10	9	52	1.14	14	.39	4	1.40	.08	.03	1	1
CW	156 R108-7179	2	6	3	42	.1	1	3	587	2.12	2	5	ND	3	11	1	2	2	18	.48	.05	11	2	.47	41	.11	2	.92	.05	.05	1	1
	STD C/FA-AU	21	61	40	137	7.0	66	30	1112	3.98	40	18	8	38	54	16	15	21	62	.48	.15	39	61	.88	181	.08	41	1.72	.06	.11	12	48

	SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
CW	157 R108-7180	2	5	2	7	.1	1	2	141	.57	2	5	ND	6	16	1	2	2	5	.15	.01	5	3	.13	35	.04	2	.35	.04	.09	1	2
	158 R108-7181	3	7	7	14	.1	1	3	235	2.20	2	5	ND	5	10	1	2	2	39	.21	.04	4	5	.68	69	.11	4	.83	.05	.05	1	2
	159 R108-7182	2	11	2	21	.1	5	9	419	3.46	3	5	ND	2	36	1	2	2	65	.76	.08	4	13	1.46	53	.22	6	1.66	.04	.04	1	1
	160 R108-7183	2	20	5	39	.1	3	10	751	3.74	2	5	ND	5	10	1	2	2	80	1.35	.08	4	7	1.44	39	.21	6	2.02	.03	.05	1	2
	161 R108-7184	3	7	3	8	.1	2	4	92	2.16	2	5	ND	2	11	1	2	2	9	.21	.05	6	1	.26	62	.09	5	.42	.04	.07	1	1
CW	162 R108-7185	1	18	2	20	.1	8	17	610	5.42	2	5	ND	1	17	1	2	2	134	1.73	.07	3	19	1.88	59	.17	11	2.68	.03	.04	1	2
	163 R108-7186	2	5	2	20	.1	8	14	283	3.23	2	5	ND	1	22	1	2	2	66	.68	.08	5	12	1.27	36	.20	5	1.45	.05	.04	1	1
	164 R108-7187	2	4	4	15	.1	3	13	249	3.16	2	5	ND	3	10	1	2	2	64	.56	.10	6	5	1.36	65	.17	8	1.34	.04	.06	1	1
	165 R108-7188	1	5	4	6	.1	2	1	69	.64	2	5	ND	6	16	1	2	2	2	.17	.01	9	2	.11	20	.03	2	.33	.06	.05	1	1
	166 R108-7189	1	3	2	17	.1	4	4	298	1.82	4	5	ND	4	127	1	2	2	17	.92	.05	5	3	.44	23	.11	3	1.07	.02	.07	1	2
CW	167 R108-7190	2	141	9	26	.1	5	17	336	4.29	5	5	ND	7	18	1	2	2	63	1.01	.13	9	9	.65	20	.16	8	1.31	.05	.04	1	3
	168 R108-7191	1	27	9	52	.1	12	20	568	5.86	2	5	ND	4	15	1	2	2	133	.71	.15	9	38	2.04	66	.32	2	2.46	.03	.03	1	2
	169 R108-7192	1	9	2	19	.1	4	10	330	3.43	2	5	ND	4	30	1	2	2	65	.67	.10	6	11	.93	39	.17	2	1.21	.05	.04	1	1
	170 R108-7193	1	2	2	28	.1	4	12	361	3.26	2	5	ND	5	48	1	2	2	34	.46	.07	2	7	1.29	23	.09	2	1.43	.05	.05	1	2
CW	171 R108-7194	2	4	6	26	.1	4	10	321	3.41	2	5	ND	4	53	1	2	2	42	.42	.07	3	6	1.20	25	.17	3	1.44	.04	.04	1	4
	STD C/FA-AU	21	59	39	134	6.9	68	29	1154	3.99	40	19	8	39	53	16	15	23	61	.48	.15	38	59	.88	176	.08	38	1.72	.06	.10	12	51

XC→ZR
STEC
↓PN 108 Acme Assay file.

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU++ ANALYSIS BY FA+AA FROM 20 GRAM SAMPLE

DATE RECEIVED: AUG 1 1985 DATE REPORT MAILED: Aug 6/85 ASSAYER T. Saundry. DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD FILE # 85-1698 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au++ PPB
L-33 R-108-6844	2	79	5	59	.1	34	18	610	3.67	3	5	ND	2	54	1	2	2	93	2.85	.09	5	56	2.14	31	.19	15	3.32	.08	.05	1	1
L-34 R-108-6845	1	23	2	48	.2	4	9	581	3.15	3	5	ND	7	21	1	2	2	50	1.77	.08	11	3	.78	31	.18	9	1.84	.04	.06	1	1
L-35 R-108-6846	1	99	7	79	.1	6	12	1106	4.77	2	5	ND	2	27	1	2	2	62	2.71	.12	8	4	1.42	72	.21	5	2.93	.05	.04	1	4
L-36 R-108-6847	2	5	5	43	.2	2	4	520	2.20	2	7	ND	6	20	1	2	2	24	.69	.06	6	1	.47	25	.15	3	1.00	.05	.06	1	1
L-37 R-108-6848	4	286	4	64	.2	3	21	787	4.87	4	5	ND	1	141	1	3	2	149	1.83	.08	2	1	1.12	40	.22	9	2.00	.06	.04	1	1
L-38 R-108-6849	2	100	2	64	.1	3	19	959	6.75	2	5	ND	1	36	1	3	2	219	1.78	.07	2	8	1.59	64	.14	6	2.27	.09	.07	1	1
L-39 R-108-6850	1	168	4	250	.1	8	19	1015	4.69	2	5	ND	2	51	1	2	2	89	1.13	.09	4	7	1.63	32	.24	6	2.24	.04	.08	1	2
L-40 R-108-7001	1	8	3	38	.1	3	4	358	1.76	2	5	ND	5	11	1	2	2	21	.77	.04	9	1	.38	35	.13	7	.93	.05	.07	1	1
L-41 R-108-7002	1	38	6	49	.1	8	12	584	4.15	2	5	ND	3	40	1	2	4	118	1.37	.08	4	11	1.09	47	.22	9	1.81	.13	.08	1	3
L-42 R-108-7003	3	577	45	50	.9	3	10	52	5.77	4	5	ND	1	9	1	6	2	2	.03	.03	2	1	.02	5	.01	2	.08	.02	.04	4	145
L-43 R-108-7004	4	360	18	133	1.5	5	19	57	9.52	3	5	ND	1	18	2	8	2	1	.01	.01	2	1	.02	3	.01	2	.04	.02	.05	1	300
L-44 R-108-7005	2	31	2	116	.1	3	16	792	4.27	2	5	ND	1	45	1	2	2	58	1.20	.10	7	1	1.69	57	.19	2	1.96	.03	.07	1	3
L-45 R-108-7006	1	334	5	64	.1	6	27	951	4.63	3	5	ND	1	197	1	2	7	113	1.84	.08	5	10	1.44	42	.30	6	2.21	.01	.03	1	2
L-46 R-108-7007	2	32	3	93	.1	86	21	911	4.52	2	5	ND	1	116	1	2	7	117	1.43	.04	3	113	1.61	5	.54	4	2.30	.01	.01	1	1
L-47 R-108-7008	2	9	5	229	.1	124	36	2323	6.38	4	5	ND	2	99	1	2	2	143	1.28	.05	6	171	3.52	8	.49	5	3.64	.01	.01	1	1
L-48 R-108-7009	8	58	211	8070	1.2	33	19	3799	3.98	15	5	ND	1	18	51	3	6	60	3.33	.01	4	15	.47	18	.07	5	.47	.01	.01	1	2
L-49 R-108-7010	18	219	69	19742	.9	28	39	4897	3.91	23	5	ND	2	14	147	4	4	49	3.36	.01	3	7	.43	25	.04	6	.37	.01	.02	1	2
L-50 R-108-7011	34	131	124	25962	.8	20	52	10594	5.57	14	5	ND	1	27	207	3	11	30	1.69	.03	2	5	.73	58	.10	23	.63	.01	.02	8	7
L-51 R-108-7012	24	166	946	34795	6.1	21	45	10260	4.17	16	5	ND	1	41	209	5	27	23	1.54	.02	2	1	.35	62	.01	6	.38	.01	.03	6	8
L-52 R-108-7013	3	25	263	2314	1.3	31	9	5167	2.13	11	5	ND	3	25	16	3	2	23	7.73	.03	2	1	.26	10	.01	174	.20	.01	.01	1	2
L-53 R-108-7014	4	488	42	2318	.8	38	53	6975	5.67	10	5	ND	2	29	19	2	2	45	5.76	.03	2	1	1.19	10	.01	18	1.11	.01	.01	1	1
L-54 R-108-7015	2	72	433	1575	3.3	11	8	1826	1.28	6	5	ND	1	10	8	2	3	14	1.47	.02	2	1	.44	3	.01	33	.36	.01	.01	1	1
L-55 R-108-7016	2	455	6	303	.1	86	33	1830	5.68	4	5	ND	1	34	1	2	2	158	1.35	.09	2	120	2.68	23	.56	9	3.35	.05	.06	1	1
STD C/FA-AU	21	60	41	130	7.3	66	27	1103	3.92	37	18	7	35	49	15	15	20	55	.48	.14	38	54	.87	171	.07	37	1.71	.06	.10	12	51

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AG&& AND AU&& BY FIRE ASSAY (1 A/T).

DATE RECEIVED: JULY 29 1985 DATE REPORT MAILED: Aug 8/85 ASSAYER: T. Saundry. DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD FILE # 85-1629 PAGE 1

	SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Ag&& OZ/T	Au&& OZ/T	Wt GM
"That" Lake	L-22 R-108-6818	1	86	8	88	.1	137	15	698	6.69	2	5	ND	2	27	1	2	3	113	.91	.11	3	138	3.61	22	.54	2	3.32	.11	.02	1	.01	.001	430
	L-23 R-108-6819	1	11	15	13	.1	17	2	134	.75	2	5	ND	1	57	1	2	2	15	.24	.01	2	18	.33	3	.07	2	.37	.01	.01	1	.01	.001	620
	L-24 R-108-6820	1	2680	10	126	.3	16	20	1209	5.19	2	5	ND	2	11	1	2	2	112	.32	.02	4	18	2.54	77	.13	6	2.61	.07	.13	1	.01	.001	830
Middle Cr	L-25 R-108-6821	1	95	5	35	.1	5	2	334	1.58	2	5	ND	2	14	1	2	2	7	1.38	.05	9	4	.39	42	.01	2	.84	.05	.14	1	.01	.001	350
	L-26 R-108-6822	1	264	8	90	.1	9	13	822	4.68	2	5	ND	1	15	1	2	2	65	1.33	.14	2	10	1.40	43	.12	2	2.11	.12	.18	1	.01	.001	380
	L-27 R-108-6823	1	36	10	53	.1	34	18	1784	4.60	5	5	ND	2	77	1	3	2	80	3.63	.02	2	130	3.54	144	.20	4	2.67	.56	.05	1	.01	.001	310
	L-28 R-108-6824	1	68	11	73	.2	55	22	1414	6.21	6	5	ND	2	62	1	2	2	101	9.05	.04	2	202	3.90	17	.18	3	3.30	.06	.02	1	.01	.001	440
Intermin Elev.	L-31 R-108-6825	1	197	14	98	.2	44	23	1211	9.44	77	5	ND	2	57	1	2	2	217	5.84	.08	2	36	2.72	12	.41	4	3.22	.06	.02	1	.01	.001	560
	L-32 R-108-6826	3	144	18	104	.3	48	14	1350	11.30	4	5	ND	2	30	1	2	2	281	2.37	.09	6	48	2.41	47	.82	11	2.39	.12	.02	1	.01	.001	360
	KW-97 R-108-6827 ✓	1	201	11	3077	.3	3	15	2573	6.57	8	5	ND	1	16	21	2	2	17	12.53	.02	2	6	.41	13	.04	2	.52	.01	.01	7	.01	.001	1160
	KW-98 R-108-6828 ✓	1	390	9	12813	.5	4	46	1206	2.97	17	5	ND	1	7	112	2	3	12	2.43	.08	2	8	.89	10	.03	3	.50	.01	.01	1	.02	.001	900
	99 R-108-6829 ✓	1	48	6	704	.1	2	5	557	2.73	22	5	ND	2	19	6	3	2	9	.50	.03	5	9	.91	6	.08	2	1.01	.15	.01	1	.01	.001	700
	100 R-108-6830 ✓	1	13	7	225	.1	9	1	726	2.16	11	5	ND	1	22	2	2	2	39	6.91	.11	2	53	.85	5	.11	2	1.38	.01	.01	1	.01	.001	1170
	101 R-108-6831 ✓	1	30	14	207	.2	4	11	1986	3.75	9	5	ND	1	123	2	6	5	30	15.38	.09	2	4	2.08	32	.07	2	2.19	.01	.05	1	.01	.001	560
	102 R-108-6832 ✓	1	263	8	188	.3	77	14	888	3.73	9	5	ND	1	95	1	2	4	73	7.12	.09	2	71	1.84	8	.40	2	1.94	.01	.01	1	.01	.001	1000
	KW-96 R-108-6833 ✓	1	13	10	44	.2	5	1	147	.64	3	5	ND	7	13	1	2	2	4	.89	.01	12	4	.15	19	.02	2	.32	.06	.04	1	.01	.001	850
Hand-some Lake	97 R-108-6834 ✓	2	24	6	40	.5	3	2	319	5.04	13	5	ND	2	11	1	2	3	83	.46	.09	4	6	.80	36	.22	2	.82	.04	.16	1	.01	.001	840
	98 R-108-6835 ✓	1	17	14	34	.3	2	5	299	6.62	32	5	ND	2	19	1	2	5	55	.58	.10	2	4	.93	22	.21	2	1.04	.03	.10	1	.01	.001	1200
	99 R-108-6836 ✓	1	14	11	20	.1	1	1	235	3.66	15	5	ND	2	13	1	2	4	49	.34	.07	4	2	.73	60	.20	2	.71	.03	.11	1	.01	.001	720
	100 R-108-6837 ✓	1	23	15	36	1.6	2	12	541	7.27	10	5	ND	2	4	1	2	6	21	.10	.07	4	1	.93	24	.03	2	1.11	.02	.19	1	.06	.004	1000
	KW-101 R-108-6838 ✓	1	16	10	11	.6	3	4	56	5.02	11	5	ND	1	3	1	2	2	12	.08	.08	4	2	.14	32	.21	2	.38	.01	.18	1	.02	.001	650
	102 R-108-6839 ✓	1	23	9	59	.1	4	10	609	4.95	5	5	ND	3	35	1	2	3	124	.79	.07	5	3	1.49	33	.19	3	2.06	.05	.04	1	.01	.001	770
	103 R-108-6840 ✓	1	40	11	63	.1	6	11	751	4.75	12	5	ND	2	45	1	4	2	120	1.82	.09	7	7	1.66	53	.14	6	2.49	.11	.06	1	.01	.001	1080
	104 R-108-6841 ✓	3	14	15	2686	.1	1	13	1513	12.10	28	5	ND	1	11	19	2	2	26	14.38	.01	2	3	.89	11	.02	2	.80	.01	.01	1	.01	.001	400
	105 R-108-6842 ✓	1	8	5	92	.1	8	5	565	2.47	3	5	ND	3	17	1	2	3	28	.64	.05	6	12	1.12	41	.11	2	1.40	.08	.07	1	.01	.001	1330
	106 R-108-6843 ✓	69	85	25	35	.6	2	1	54	3.61	294	5	ND	1	2	1	2	5	4	.18	.01	3	3	.08	31	.01	2	.22	.01	.06	1	.01	.010	900
	STD C	20	59	40	136	7.0	69	27	1151	3.87	41	19	8	35	50	17	15	20	58	.48	.13	35	59	.87	172	.08	38	1.72	.04	.10	11	-	-	-

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN,FE,CA,P,CR,MG,BA,TI,B,AL,NA,K,W,SI,ZR,CE,SN,Y,NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU** ANALYSIS BY FA+AA FROM 20 GRAM SAMPLE.

DATE RECEIVED: AUG 12 1985 DATE REPORT MAILED: P2-SUITE Aug 14/85 ASSAYER: T. Saundry ..DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT - 301-608-001-108 FILE # 85-1818 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
R-24 R-108-7114	1	58	2	72	.1	98	22	838	6.05	4	5	ND	1	14	1	2	2	127	1.39	.05	6	42	3.48	13	.46	15	3.01	.03	.01	1	1
-23 R-108-7115	1	48	2	96	.2	49	19	1069	5.98	2	8	ND	1	128	1	4	2	165	6.23	.06	5	71	2.41	13	.43	9	2.53	.01	.01	1	2
-22 R-108-7116	1	80	3	47	.1	34	16	974	4.75	45	5	ND	1	83	1	2	2	49	12.89	.07	7	65	.99	33	.12	19	1.98	.01	.13	2	1
-21 R-108-7117	1	213	4	83	.2	57	30	1683	9.16	9	5	ND	1	61	1	2	2	275	5.37	.08	13	97	3.27	13	.58	25	2.98	.03	.01	1	9
-20 R-108-7118	1	6	3	23	.1	2	2	217	1.19	5	5	ND	3	7	1	2	2	4	.41	.02	8	3	.15	34	.03	7	.47	.04	.12	1	1
R-19 R-108-7119	1	92	2	89	.3	56	21	729	7.45	6	5	ND	1	27	1	6	2	148	1.11	.07	6	52	2.18	26	.75	9	2.20	.05	.01	1	2
-18 R-108-7120	1	64	9	94	.1	62	24	1364	9.16	3	5	ND	1	39	1	2	2	215	3.72	.07	11	98	3.85	28	.52	18	3.26	.03	.04	1	3
-17 R-108-7121	1	117	6	60	.1	212	33	985	6.55	2	5	ND	1	21	1	2	5	132	1.57	.04	5	225	6.02	5	.28	21	3.89	.14	.01	1	1
L-68 R-108-7043 ✓	1	62	6	57	.2	19	25	827	6.28	3	5	ND	1	158	1	2	2	165	3.05	.08	2	48	1.82	43	.21	11	4.82	.56	.02	1	2
L-69 R-108-7044 ✓	1	73	6	53	.1	10	11	890	6.79	2	5	ND	1	94	1	2	2	142	2.04	.07	7	22	1.68	52	.24	11	3.88	.41	.07	1	1
L-70 R-108-7045 ✓	1	50	9	148	.1	23	21	1502	8.42	3	5	ND	1	55	1	2	7	157	2.16	.07	9	52	3.05	12	.19	16	3.65	.12	.03	1	1
-71 R-108-7046 ✓	1	55	9	75	.1	18	22	812	6.71	6	5	ND	1	73	1	2	4	136	1.41	.10	9	23	2.51	40	.16	14	3.31	.24	.03	1	2
-72 R-108-7047 ✓	1	80	7	88	.3	13	17	1030	6.88	5	5	ND	1	62	1	4	3	137	1.44	.11	5	21	2.09	88	.21	13	3.18	.22	.04	1	1
-73 R-108-7048 ✓	1	17	10	68	.1	62	16	653	3.68	5	21	ND	1	251	1	2	3	71	3.36	.07	5	197	1.47	14	.16	10	2.69	.11	.01	1	1
-74 R-108-7049 ✓	1	304	5	97	.1	41	22	994	4.85	2	5	ND	1	79	1	2	2	110	1.74	.06	3	92	3.11	10	.27	6	2.79	.05	.01	1	1
L-75 R-108-7050 ✓	1	48	2	60	.1	43	23	763	4.26	2	5	ND	1	82	1	2	2	94	1.09	.05	2	90	2.64	4	.28	8	2.50	.03	.01	1	2
L-118 R-108-7051	1	33	8	87	.3	63	27	2174	7.62	2	5	ND	1	108	1	8	5	130	20.49	.05	8	27	1.21	29	.04	11	1.89	.01	.05	2	2
L-119 R-108-7052	1	17	3	86	.2	40	22	1532	5.60	6	5	ND	1	70	1	2	2	105	12.34	.02	5	14	1.79	6	.05	3	1.53	.01	.01	1	2
L-120 R-108-7053	1	3	2	29	.1	2	3	355	1.52	2	5	ND	1	10	1	2	2	8	1.31	.03	10	2	.38	18	.01	4	.67	.03	.11	1	1
L-121 R-108-7054	1	162	7	98	.1	51	23	1291	7.88	3	5	ND	1	40	1	2	2	159	6.72	.07	6	46	2.35	8	.31	11	2.81	.02	.05	1	2
L-80 R-108-7055	1	170	2	106	.2	25	16	1128	9.02	3	9	ND	1	32	1	2	2	217	4.84	.10	10	23	2.13	20	.72	278	3.60	.03	.01	1	6
L-81 R-108-7056	1	16	2	74	.1	7	5	905	3.94	2	5	ND	2	8	1	3	2	31	.48	.03	3	11	.94	60	.32	6	1.59	.04	.12	1	1
L-83 R-108-7057	1	92	7	86	.2	57	24	1069	6.05	10	5	ND	1	56	1	2	2	147	4.85	.10	7	240	5.00	13	.24	10	3.92	.37	.01	1	1
L-84 R-108-7058	1	62	4	129	.5	45	7	386	2.99	20	5	ND	1	171	1	2	2	251	11.59	.42	6	109	1.29	44	.12	10	1.57	.08	.09	1	1
L-85 R-108-7059	1	47	2	102	.7	35	3	267	1.87	11	5	ND	1	122	1	2	2	238	8.37	.56	9	76	1.01	61	.10	13	1.25	.02	.11	1	2
L-86 R-108-7060	1	73	5	54	.1	32	11	532	2.16	2	5	ND	1	59	1	2	2	71	5.22	.10	3	108	2.12	6	.23	7	2.45	.02	.01	1	1
L-87 R-108-7061	1	4	2	28	.2	14	9	358	1.32	2	5	ND	1	82	1	2	2	39	1.72	.11	2	22	1.57	5	.16	4	1.73	.01	.01	1	1
STD C/FA AU	20	62	41	137	7.0	68	28	1118	4.07	38	17	9	39	50	17	15	21	59	.48	.15	40	60	.88	179	.08	41	1.72	.06	.12	11	48

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU** ANALYSIS BY FA+AA FROM 20 GRAM SAMPLE.

DATE RECEIVED: AUG 22 1985 DATE REPORT MAILED: Aug 26/85 ASSAYER: V. Saundry ..DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT - 301-608-001-108 FILE # 85-2006 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
R108-7195	1	6	2	22	.1	3	3	425	1.43	2	5	ND	6	42	1	3	4	12	.72	.05	9	6	.32	75	.07	9	1.48	.06	.08	1	2
R108-7196	1	14	4	70	.1	5	8	1021	3.98	2	5	ND	5	20	1	4	48	52	1.58	.11	13	10	.68	181	.33	20	2.28	.04	.13	1	1
R108-7197	1	8	5	37	.1	4	6	694	2.91	3	5	ND	3	12	1	2	20	36	.39	.07	12	6	.73	346	.25	15	1.35	.04	.06	1	4
R108-7198	1	59	6	73	.1	17	19	1233	5.61	2	5	ND	2	24	1	2	49	145	2.67	.12	23	39	2.32	80	.24	24	2.60	.04	.02	1	1
R108-7199	1	17	4	69	.1	2	8	850	4.12	2	5	ND	2	23	1	2	41	69	1.70	.18	16	1	1.16	45	.23	19	1.94	.07	.03	1	1
R108-7200	2	9	13	105	.1	1	13	2848	8.30	28	7	ND	6	20	1	2	58	34	8.27	.08	30	1	.71	58	.04	29	1.30	.01	.02	4	1
R108-7201	2	44	6	170	.1	7	10	1221	5.94	2	5	ND	5	41	1	2	60	112	.95	.13	20	14	1.30	58	.32	20	3.00	.10	.17	1	2
R108-7202	1	161	17	131	.4	11	14	1052	6.49	73	5	ND	5	40	1	2	69	150	1.13	.17	29	15	1.30	50	.27	27	2.96	.14	.13	1	15
R108-7203	2	285	13	34	.4	101	53	248	9.88	25	5	ND	5	60	1	2	64	43	3.52	.09	32	14	.54	13	.12	31	2.63	.10	.01	1	1
R108-7204	1	122	5	81	.1	6	21	772	4.13	4	5	ND	3	33	1	2	43	76	.66	.12	20	12	1.22	303	.27	15	1.80	.05	.03	1	1
R108-7205	1	102	8	73	.1	8	10	651	4.11	2	5	ND	5	28	1	2	49	115	1.24	.10	21	25	.93	30	.31	19	1.61	.14	.11	1	1
R108-7206	5	5	4	27	.1	4	5	410	1.37	2	5	ND	3	146	1	2	49	28	3.87	.09	9	3	.65	158	.14	11	3.17	.12	.02	1	1
R108-7207	7	96	11	82	.1	15	15	795	5.01	7	5	ND	3	88	1	2	77	204	1.71	.13	17	38	1.11	64	.34	17	3.21	.32	.14	1	2
R108-7208	1	31	5	63	.1	15	10	562	3.59	2	5	ND	5	71	1	2	65	107	1.72	.09	16	30	1.15	61	.34	12	2.88	.23	.13	1	1
R108-7209	11	86	13	75	.1	21	16	812	6.20	17	5	ND	4	61	1	2	74	346	1.38	.12	19	50	1.52	43	.38	16	3.11	.23	.09	1	2
R108-7210	4	98	10	85	.1	10	17	987	5.69	9	5	ND	5	57	1	2	71	203	1.24	.27	23	15	1.30	83	.26	21	2.87	.25	.22	1	2
R108-7211	3	36	4	132	.1	7	27	1233	7.55	4	5	ND	4	43	1	2	84	80	1.92	.11	26	7	1.98	16	.61	28	2.74	.05	.01	1	1
R108-7212	1	39	9	47	.1	8	9	482	3.77	2	5	ND	3	47	1	2	55	115	1.16	.09	16	18	.69	28	.28	14	1.67	.20	.11	2	2
R108-7213	69	64	2	51	.1	8	9	493	3.77	2	5	ND	3	35	1	2	47	106	1.03	.09	19	13	.78	23	.27	13	1.57	.14	.06	1	1
R108-7214	1	55	6	66	.2	5	6	993	1.10	7	5	ND	7	13	1	2	29	5	5.54	.03	6	4	.04	9	.04	287	1.19	.01	.01	2	2
R108-7215	2	133	2	25	.2	219	31	152	3.91	22	5	ND	4	572	1	2	52	40	3.69	.11	11	114	.88	25	.13	15	4.13	.23	.03	1	1
R108-7216	20	69	17	29	.1	27	5	215	2.61	102	5	ND	2	24	1	2	27	41	.95	.32	10	42	.30	31	.05	10	.90	.03	.04	1	5
R108-7217	15	53	2	41	.1	36	5	95	1.43	6	5	ND	1	80	1	2	10	46	1.35	.24	6	29	.06	44	.03	7	1.03	.04	.01	2	1
R108-7218	4	76	3	18	.2	22	10	236	2.26	2	5	ND	2	102	1	2	45	22	2.73	.05	6	8	.06	13	.10	7	2.31	.08	.01	1	1
R108-7219	9	164	4	55	.1	27	9	269	3.76	12	5	ND	2	61	1	2	49	52	2.62	.24	11	22	.42	63	.11	56	1.59	.03	.02	1	1
R108-7220	2	159	8	59	.2	251	41	128	6.54	19	5	ND	2	44	1	2	44	68	2.46	.16	14	197	.92	32	.11	20	2.34	.01	.12	1	1
R108-7221	3	49	12	94	.1	15	18	1187	5.19	4	5	ND	4	131	1	2	53	121	2.33	.17	15	26	2.17	9	.27	24	3.17	.06	.02	1	2
R108-7222	1	18	8	64	.1	8	12	1099	5.27	2	5	ND	5	32	1	2	58	132	2.30	.17	13	10	1.70	18	.27	19	2.83	.04	.03	1	1
R108-7223	1	35	2	89	.1	40	20	660	5.84	2	5	ND	4	15	1	2	59	153	2.13	.08	13	12	1.64	6	.37	35	2.32	.05	.02	1	3
R108-7224	3	151	2	97	.1	55	22	888	6.91	2	5	ND	3	17	1	2	84	186	2.02	.09	19	43	2.08	6	.64	32	2.53	.05	.01	1	3
R108-7225	1	47	2	34	.2	23	7	401	2.01	3	5	ND	2	119	1	2	29	65	2.81	.03	4	37	.77	3	.36	10	1.02	.04	.01	2	2
R108-7226	1	95	8	38	.1	51	20	771	4.09	2	5	ND	4	46	1	2	70	122	6.65	.11	9	66	2.31	3	.23	35	4.14	.04	.01	1	1
R108-7227	1	18	5	38	.1	28	10	501	2.67	2	5	ND	1	20	1	2	17	72	.66	.03	4	58	1.26	2	.27	17	1.27	.13	.01	1	3
R108-7228	2	55	2	43	.3	32	14	678	5.46	4	5	ND	4	67	1	3	86	153	3.09	.08	11	16	1.20	6	.72	21	1.83	.10	.01	1	8
R108-7229	1	73	3	79	.1	42	17	817	4.21	4	5	ND	4	17	1	2	36	73	4.18	.04	5	36	1.03	14	.21	11	1.41	.05	.10	1	1
R108-7230	3	79	8	89	.1	34	21	1208	6.91	2	5	ND	4	19	1	2	76	163	3.35	.08	12	7	1.60	62	.51	53	3.25	.03	.01	1	2
STD E/FA AU	22	57	40	132	6.9	64	26	1144	3.97	38	16	7	36	50	16	16	2	60	.43	.14	38	57	.79	171	.08	39	1.55	.05	.10	11	49

FALCONBRIDGE LTD PROJECT - 301-608-001-108 FILE # 85-2006

	SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
CW 182	R108-7231	1	26	2	89	.1	46	27	1005	7.58	10	5	ND	1	34	1	2	2	176	7.80	.04	5	17	1.88	11	.05	11	2.52	.07	.01	1	2
183	R108-7232	1	160	2	11	.1	8	4	170	1.23	3	5	ND	1	4	1	3	2	32	.30	.02	2	5	.21	7	.02	7	.41	.02	.06	1	110
184	R108-7233	5	289	4	96	.1	153	29	503	11.37	2	5	ND	1	81	1	2	2	218	3.16	.17	4	233	5.04	13	.52	6	4.40	.28	.03	1	6
185	R108-7234	1	293	2	14	.1	16	4	510	2.06	11	5	ND	1	20	1	2	2	74	3.33	.05	4	37	.43	11	.07	13	.67	.06	.12	1	33
186	R108-7235	1	119	2	6	.3	8	2	428	.82	5	5	ND	1	19	1	2	2	17	6.67	.06	2	15	.10	22	.03	11	.46	.05	.18	1	90
187	R108-7236	1	754	2	3	.1	5	1	306	.74	6	5	ND	1	8	1	2	5	22	1.56	.03	2	18	.06	11	.01	7	.28	.05	.09	1	1
188	R108-7237	1	82	2	86	.1	155	33	699	7.52	2	5	ND	1	50	1	2	2	139	2.43	.07	6	65	5.08	38	.37	14	4.42	.16	.04	1	6
189	R108-7238	5	495	3	151	.1	145	31	1158	9.64	2	5	ND	1	50	1	2	2	243	3.15	.12	11	147	6.22	30	.79	10	4.37	.06	.01	1	4
190	R108-7239	1	95	3	100	.3	23	16	885	5.21	4	5	ND	1	112	1	2	2	131	2.42	.10	7	31	2.28	46	.27	10	3.91	.40	.05	1	1
CW 191	R108-7240	1	3071	2	33	.1	5	5	518	2.38	5	5	ND	4	21	1	2	2	22	.46	.02	8	6	.52	232	.02	7	1.20	.10	.09	2	1
192	R108-7241	11	109	6	61	.1	13	27	668	6.56	9	5	ND	1	86	1	2	2	113	1.46	.11	7	18	2.05	59	.10	5	3.28	.33	.06	1	1
193	R108-7242 ✓	1	85	4	128	.1	2	17	1339	7.91	6	5	ND	1	18	1	2	2	173	.58	.12	9	1	1.86	178	.29	6	2.54	.07	.03	1	1
CW 194	R108-7243	1	13381	4	1	1.3	4	2	177	2.08	8	5	ND	1	6	1	7	2	7	.16	.01	2	1	.12	43	.01	4	.25	.02	.01	5	3
	STD C/FA-AU	20	60	41	133	7.2	71	28	1201	3.91	38	17	9	37	53	17	15	23	59	.46	.15	41	61	.88	179	.08	37	1.72	.06	.10	11	50

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ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU** ANALYSIS BY FA+AA FROM 20 GRAM SAMPLE.

DATE RECEIVED: AUG 29 1985 DATE REPORT MAILED: Sept. 1/85 ASSAYER. T. Saundry. DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT - 301-608-001-108 FILE # 85-2121 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
R108-7244	2	240	12	90	.1	127	46	744	6.21	17	5	ND	4	102	1	2	2	117	7.80	.15	13	93	2.04	24	.01	13	2.64	.09	.22	1	3
R108-7245	2	14	10	109	.1	1	6	1046	4.04	3	5	ND	1	27	1	4	2	24	.68	.17	9	1	.91	37	.23	2	1.57	.05	.07	1	2
R108-7246	1	22	12	69	.1	11	11	617	3.16	3	5	ND	3	44	1	2	2	43	2.61	.09	12	16	1.39	36	.23	2	2.51	.24	.07	1	1
R108-7247	1	170	2	70	.3	5	21	1029	5.00	3	5	ND	2	83	1	2	2	121	2.33	.18	6	9	1.54	57	.24	3	2.64	.09	.07	1	1
R108-7248	2	5	2	82	.1	4	6	1014	3.72	2	5	ND	2	37	1	2	2	27	1.85	.07	13	1	1.57	85	.07	10	2.19	.02	.20	1	3
R108-7249	2	137	8	71	.1	4	18	1021	5.07	4	5	ND	2	59	1	2	2	30	1.38	.13	6	7	1.25	40	.09	2	1.71	.10	.08	1	1
R108-7250	2	22	4	87	.1	3	9	615	4.62	2	5	ND	2	20	1	2	2	36	.51	.11	5	3	1.97	35	.18	2	1.84	.07	.13	1	1
R108-7251	1	154	7	25	.1	208	28	295	3.44	2	5	ND	1	138	1	2	2	92	2.06	.14	5	300	1.27	14	.12	11	2.20	.26	.04	1	1
R108-7252	2	1	8	21	.1	1	2	358	1.28	2	5	ND	5	8	1	2	2	5	.20	.03	12	3	.19	53	.04	5	.49	.07	.07	1	2
R108-7253	2	8	7	18	.1	7	2	360	1.24	4	5	ND	5	32	1	2	2	7	.55	.03	7	12	.10	566	.01	10	.29	.08	.12	1	4
R108-7254	2	4	10	19	.1	2	1	300	1.24	2	5	ND	6	7	1	2	2	3	.09	.03	17	1	.14	70	.01	4	.38	.09	.08	1	1
R108-7255	2	65	10	50	.1	21	21	1640	4.84	7	5	ND	4	237	1	3	2	34	6.21	.09	6	38	2.05	738	.01	22	.46	.08	.30	1	2
R108-7256	2	49	5	87	.1	24	19	1078	5.68	3	5	ND	1	33	1	2	2	136	2.30	.11	8	15	1.92	21	.35	2	2.53	.04	.04	1	1
R108-7257	1	41	24	62	.1	14	9	450	2.58	3	5	ND	3	152	1	2	2	28	2.14	.10	15	5	.71	196	.01	26	1.25	.14	.21	1	2
R108-7258	1	12	11	18	.1	1	2	244	1.06	2	5	ND	5	18	1	2	2	4	.73	.03	15	1	.09	254	.01	12	.29	.06	.14	1	1
R108-7259	1	55	7	91	.1	25	24	1451	4.59	2	5	ND	1	123	1	2	2	103	1.94	.09	2	49	2.06	43	.35	11	2.86	.08	.04	1	1
R108-7260	1	29	3	89	.1	35	30	2244	7.52	4	5	ND	1	98	1	2	2	118	1.97	.07	2	66	1.74	38	.31	2	4.39	.39	.10	1	1
R108-7261	1	51	2	26	.1	8	6	261	1.70	2	5	ND	1	85	1	2	2	54	2.17	.04	2	17	.19	7	.40	2	1.60	.08	.01	1	5
R108-7262	2	34	6	71	.1	32	15	599	3.79	2	5	ND	1	58	1	2	2	92	1.40	.09	6	53	1.54	28	.26	2	2.37	.17	.06	1	4
R108-7263	2	69	2	34	.1	29	18	369	3.79	6	5	ND	1	45	1	4	4	97	.60	.02	5	39	1.08	1	.34	2	1.57	.02	.01	1	1
R108-7264	1	63	7	30	.1	42	20	421	3.72	3	5	ND	1	133	1	2	2	96	2.67	.09	6	41	1.27	27	.37	2	3.30	.46	.02	1	2
R108-7265	3	115	19	94	.1	42	24	825	6.44	111	5	ND	1	10	1	2	2	185	.31	.06	7	72	2.71	16	.10	2	2.76	.04	.04	1	9
R108-7266	2	165	2	71	.1	47	28	776	5.06	2	5	ND	1	36	1	2	3	128	1.53	.08	8	24	2.05	12	.74	2	2.33	.07	.01	1	1
R108-7267	1	148	4	58	.1	59	23	680	4.08	3	5	ND	1	19	1	2	2	122	1.53	.06	5	108	2.09	23	.62	3	2.32	.05	.02	1	2
R108-7268	1	6	12	22	.1	21	6	179	1.62	2	5	ND	1	29	1	2	2	27	.55	.05	3	31	.82	103	.09	2	1.01	.04	.06	1	1
R108-7269	1	73	6	73	.1	8	17	754	4.40	4	5	ND	1	67	1	4	2	105	2.12	.10	6	10	1.22	19	.27	6	2.70	.07	.05	1	1
R108-7270	1	34	7	44	.1	7	10	555	3.28	2	5	ND	3	21	1	2	2	80	1.47	.10	8	17	.79	93	.18	6	1.49	.08	.06	1	3
R108-7271	2	24	6	62	.1	1	11	893	4.95	5	5	ND	3	46	1	2	2	104	1.35	.14	10	1	1.66	29	.27	2	2.50	.06	.04	1	2
R108-7272	2	55	19	45	.1	12	5	579	1.50	2	5	ND	3	121	1	2	2	37	8.91	.13	4	17	1.77	6	.08	2	1.60	.01	.01	1	1
R108-7273	3	71	11	115	.1	26	14	479	4.00	8	5	ND	1	67	1	2	2	85	2.45	.32	8	38	2.67	44	.15	2	2.98	.04	.02	1	1
R108-7274	4	94	17	53	.1	28	10	387	2.61	10	5	ND	1	69	1	2	2	55	1.41	.13	4	29	1.42	134	.14	4	1.99	.04	.05	1	4
R108-7275	4	38	18	29	.1	106	14	114	18.89	2162	5	ND	1	7	1	20	2	9	.10	.07	2	4	.09	5	.01	2	.37	.01	.07	1	1
R108-7276	23	27	10	27	.1	44	15	81	2.04	186	5	ND	1	10	1	3	2	12	.33	.26	5	9	.08	26	.01	3	.45	.01	.12	1	1
R108-7277	6	798	22	88	.2	15	74	941	16.64	52	5	ND	1	38	1	12	2	112	1.31	.12	10	1	1.18	14	.16	2	2.35	.14	.06	1	1
R108-7278	2	265	6	105	.1	7	40	959	7.36	12	5	ND	1	56	1	3	2	98	1.69	.13	6	4	1.39	12	.22	2	2.77	.17	.04	1	6
R108-7279	2	24	8	94	.1	10	12	737	3.75	13	5	ND	1	26	1	2	2	46	.74	.12	6	12	1.56	35	.24	2	1.75	.04	.06	1	2
STD C/FA-AU	20	61	42	137	7.1	70	29	1184	4.00	38	16	8	37	53	15	16	20	60	.48	.15	37	60	.88	176	.08	39	1.72	.06	.10	12	50

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED JULY 5 1985

DATE REPORTS MAILED July 12/85

ASSAY CERTIFICATE

SAMPLE TYPE : ROCK - CRUSHED AND PULVERIZED TO -100 MESH.
AG** AND AU** BY FIRE ASSAY I.A.T.

ASSAYER V. Saundry DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT 301-608-001-108 FILE# 85-1241 PAGE# 1

SAMPLE	Cu %	Pb %	Zn %	Ag** oz/t	Au** oz/t
TRIPLE CREEK					
R-106 6746	-	-	-	.02	.001
R-108 6747	-	-	-	.01	.001
R-108 6748	-	-	-	.02	.001
R-108 6749	-	-	-	.05	.001
R-108 6750	-	-	-	.01	.001
R-108 6751	-	-	-	.01	.001
R-108 6752	-	-	-	.01	.001
R-108 6753	-	-	-	.02	.001
R-108 6754	-	-	-	.01	.001
R-108 6755	-	-	-	.04	.001
R-108 6756	-	-	-	.05	.001
R-108 6757	-	-	-	.01	.001
R-108 6758	-	-	-	.03	.001
R-108 6759	-	-	-	.01	.001
R-108 6760	-	-	-	.06	.001
R-108 6761	-	-	-	.04	.001
R-108 6762	-	-	-	.03	.001
R-108 6763	.01	.01	4.76	.02	.001
R-108 6764	.02	.02	6.35	.01	.001
R-108 6765	-	-	-	.02	.001

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 2ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN,FE,CA,P,CR,MG,BA,TI,B,AL,NA,K,W,SI,ZR,CE,SN,Y,NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS

DATE RECEIVED: JULY 5 1985 DATE REPORT MAILED: July 12/85 ASSAYER T. Saundry. DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT - 301-808-001-108 FILE # 85-1241 PAGE 1

	SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM
Club Cr. L-01	R-108 6746	1	112	14	80	.2	297	42	876	6.65	18	5	ND	1	112	1	2	2	169	4.60	.04	10	250	4.40	19	.18	12	5.37	.23	.02	1
Club Cr. L-02	R-108 6747	1	129	10	67	.2	262	54	671	6.41	67	5	ND	2	144	1	2	2	147	6.09	.03	10	268	4.18	23	.15	6	5.17	.12	.05	1
Triple Cr. L-03	R-108 6748	1	175	16	44	.3	71	36	642	4.33	40	5	ND	3	203	1	2	4	139	10.04	.06	8	201	1.00	22	.17	7	4.17	.42	.06	1
" L-04	R-108 6749	2	109	5	45	.2	94	36	651	5.09	79	5	ND	3	120	1	2	2	126	8.99	.06	10	173	1.01	15	.16	6	3.38	.37	.08	1
" L-05	R-108 6750	1	126	3	66	.4	155	41	1124	5.63	9	5	ND	1	91	1	2	2	102	1.24	.03	6	263	1.96	2	.50	5	2.42	.01	.01	1
Bluff Cr. CW-43	R-108 6751	1	29	2	61	.2	108	20	618	3.15	12	5	ND	2	39	1	2	2	96	4.99	.09	8	169	2.18	5	.33	9	4.11	.01	.01	1
" CW-44	R-108 6752	1	142	6	112	.6	53	35	1321	6.02	11	5	ND	1	80	1	2	4	166	1.79	.07	12	36	1.88	8	.65	5	2.47	.02	.01	1
" CW-45	R-108 6753	2	84	9	24	.1	7	4	233	1.01	4	5	ND	2	11	1	2	2	8	.29	.01	8	7	.21	29	.04	3	.40	.06	.05	1
" CW-46	R-108 6754	1	14	9	50	.2	3	6	407	1.63	78	5	ND	1	4	1	2	2	19	.34	.02	2	4	.42	22	.04	7	.59	.01	.07	1
CW-47	R-108 6755	8	2187	26	11244	1.9	32	38	2120	2.70	11	5	ND	1	59	77	2	7	58	4.09	.07	3	11	.56	41	.32	6	.99	.01	.02	1
Triple Cr. CW-48	R-108 6756	1	27	14	207	.3	80	40	1310	7.82	20	5	ND	1	19	1	2	2	198	.80	.06	11	123	4.59	12	.43	2	3.96	.01	.01	1
" CW-49	R-108 6757	1	15	10	72	.1	7	8	852	2.68	6	5	ND	1	8	1	2	2	60	.35	.08	9	4	.91	16	.25	5	1.40	.05	.05	1
" CW-50	R-108 6758	1	41	10	125	.1	7	12	909	4.04	8	5	ND	1	15	1	2	2	66	1.03	.09	11	9	1.33	47	.19	7	1.66	.03	.14	1
" CW-51	R-108 6759	1	8	2	94	.3	1	14	1133	4.75	19	5	ND	1	37	1	2	2	63	.78	.15	12	3	1.43	8	.19	4	1.91	.04	.03	1
Little Cr. CW-52	R-108 6760	1	1512	2	112	1.8	59	38	1133	5.16	15	5	ND	1	484	1	2	2	99	1.29	.09	5	78	1.72	20	.56	4	1.88	.01	.01	1
Little Cr. CW-53	R-108 6761	4	597	6	29	1.4	36	13	496	2.94	4	5	ND	1	428	1	2	5	66	.68	.04	2	41	.42	17	.37	2	.77	.01	.01	1
" CW-55	R-108 6762	1	60	3	56	.7	78	16	451	4.06	2	5	ND	1	235	1	2	8	152	1.82	.06	2	108	1.15	4	.93	7	1.84	.01	.01	1
Pillow Cr. CW-56	R-108 6763	1	14	10	178	.2	16	5	356	1.56	2	5	ND	1	12	1	2	2	25	.24	.01	2	27	.43	2	.06	3	.65	.02	.01	1
	STD C	21	58	40	137	7.1	69	27	1146	3.91	39	19	7	38	51	16	15	21	61	.48	.15	38	60	.88	181	.08	38	1.72	.06	.11	11

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ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: PULPS AU** ANALYSIS BY FA+AA FROM 20 GRAM SAMPLE.

DATE RECEIVED: AUG 8 1985 DATE REPORT MAILED: Aug 13/85 ASSAYER. T. Saundry. DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT - 301-608-001-108 FILE # 85-1241 R PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
Little C cw 56 R108 6763	1	97	47	49361	.1	9	56	7705	3.26	18	5	ND	1	33	351	5	4	13	2.39	.02	2	14	.27	51	.02	3	.26	.02	.04	1	5
" " cw 57 R108 6764	1	233	223	59277	1.7	12	74	8288	4.03	13	5	ND	1	23	457	2	10	22	2.05	.03	2	17	.41	40	.06	7	.35	.01	.04	1	4

Zn. s

	SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Ag(g) OZ/T	Au(g) OZ/T	Wt GM
Tuff Co.	6803 R108-CH-75	1	10	3	22	.2	18	10	683	3.01	5	5	ND	5	19	1	2	2	80	5.41	.02	4	33	.68	3	.02	4	1.41	.02	.01	1	.02	.001	660
	7 R108-CH-76	1	64	9	84	.2	16	10	581	3.48	46	5	ND	1	10	1	2	2	40	1.59	.01	2	22	.96	6	.05	2	.98	.01	.03	1	.02	.002	860
Mineralized Is.	5 R108-CH-77	1	30	6	69	.1	5	12	900	4.60	2	5	ND	2	52	1	2	2	128	1.66	.09	8	5	1.36	128	.15	7	1.66	.06	.11	1	.01	.001	690
	6 R108-CH-78	1	13	3	19	.1	2	2	220	1.01	2	5	ND	7	16	1	2	2	9	.66	.02	12	2	.19	109	.02	5	.37	.05	.12	1	.01	.001	1450
	7 R108-CH-79	1	20	7	206	.1	2	12	1227	4.71	2	5	ND	4	46	2	2	2	104	1.59	.06	6	1	1.50	110	.23	4	1.88	.05	.06	1	.01	.001	760
Lucky mt.	6806 R108-CH-80	1	3	2	4	.1	2	1	39	.32	34	5	ND	1	1	1	2	2	3	.02	.01	2	2	.03	3	.01	4	.05	.01	.02	1	.02	.002	640
	9 R108-CH-81	2	10	2	4	.2	8	1	56	.53	420	5	ND	1	1	1	2	2	4	.01	.01	2	9	.07	5	.01	4	.10	.01	.04	1	.01	.014	590
Mineralized Is.	10 R108-CH-82	1	12	3	30	.1	8	9	343	3.43	8	5	ND	4	90	1	2	2	108	1.81	.10	9	8	.99	23	.18	6	2.42	.30	.05	1	.01	.001	1040
	11 R108-CH-83	1	5	2	57	.1	3	5	444	2.35	3	5	ND	8	42	1	2	2	34	1.77	.06	11	3	.79	30	.09	3	1.07	.06	.14	1	.01	.001	1420
	12 R108-CH-84	1	16	3	37	.1	2	5	333	2.33	4	5	ND	4	14	1	2	2	17	.87	.04	12	2	.41	46	.02	5	.60	.05	.17	2	.01	.001	1270
	6813 R108-CH-85	1	9	6	31	.1	1	3	265	2.09	2	5	ND	6	13	1	2	2	25	.35	.07	9	3	.44	23	.12	6	.68	.06	.14	1	.01	.001	1230
	14 R108-CH-86	3	1075	6	43	.7	2	54	181	7.99	8	5	ND	6	26	1	4	5	8	.50	.01	10	14	.34	12	.01	6	1.07	.04	.17	2	.04	.001	520
	15 R108-CH-87	1	317	2	14	.1	5	4	262	1.07	5	8	ND	1	677	1	2	2	4	1.19	.03	2	21	.29	539	.01	5	.27	.03	.04	1	.02	.001	1070
	16 R108-CH-88	2	98	3	14	.1	8	5	27	.86	9	7	ND	1	182	1	2	2	6	.05	.02	5	30	.18	1308	.01	7	.34	.01	.07	1	.01	.001	1460
	6817 R108-CH-89	1	39	3	45	.1	6	10	418	3.16	2	5	ND	5	27	1	2	2	28	1.34	.04	9	8	.55	73	.01	3	.84	.05	.21	1	.01	.001	1120
	STD C	19	58	39	132	7.1	69	26	1060	3.62	36	16	8	37	52	17	15	20	60	.43	.13	38	60	.79	153	.07	40	1.56	.04	.13	12	-	-	-

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AG** AND AU** BY FIRE ASSAY USING 1 ASSAY TON.

DATE RECEIVED: JUNE 25 1985 DATE REPORT MAILED: July 2/85 ASSAYER. T. Saundry .DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT - 303-608-001-108 FILE # 85-1100A PAGE 1

	SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Ag** OZ/T	Au** OZ/T
S.W. KT	CW-11 R-108 6732	1	97	2	120	.1	3	16	1197	5.50	2	5	NB	1	21	1	2	2	121	1.08	.11	5	3	1.62	288	.32	5	2.62	.04	.09	1	.01	.001
"	CW-13 R-108 6733	1	10	2	89	.1	1	9	701	2.98	6	5	NB	1	147	1	2	4	61	2.32	.09	2	2	1.23	55	.23	5	1.71	.01	.02	1	.01	.001
"	CW-14 R-108 6734	1	66	3	59	.1	3	16	863	5.67	3	5	NB	1	21	1	2	2	224	1.66	.08	7	13	1.69	33	.23	2	2.02	.04	.05	1	.01	.001
200' S.W. of	CW-19 R-108 6735	1	32	3	33	.1	17	9	1280	2.82	9	5	NB	5	176	1	2	4	51	11.36	.06	5	34	1.33	36	.10	6	1.54	.01	.04	1	.02	.001

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN,FE,CA,P,CR,MG,BA,TI,B,AL,NA,K,W,SI,ZR,CE,SN,Y,NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS Ag** AND AU** BY FIRE ASSAY

DATE RECEIVED: JULY 2 1985 DATE REPORT MAILED: July 9/85 ASSAYER V. Saundry ..DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT - 301-608-001-108 FILE # 85-1170 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Ag** OZ/T	Au** OZ/T
R-108-16 ✓	5	1308	28	34	2.0	302	140	227	34.00	161	5	ND	10	9	1	3	4	12	1.56	.04	2	2	.50	4	.01	2	.75	.01	.01	1	.07	.001
R-108-CW-25	1	17	6	40	.2	9	7	446	4.20	6	5	ND	4	33	1	2	2	105	1.11	.11	5	10	.72	27	.14	6	1.51	.10	.07	1	.06	.001
R-108-CW-26	1	3	4	28	.2	7	7	407	3.11	2	5	ND	3	25	1	2	3	104	1.19	.09	2	17	1.05	20	.15	7	1.44	.09	.04	1	.01	.001
R-108-CW-27	1	24	7	135	.2	1	9	1173	5.25	2	5	ND	5	30	1	2	2	45	.70	.20	7	1	1.44	16	.22	4	1.90	.05	.03	1	.01	.001
R-108-CW-28	1	4	2	17	.1	2	2	260	1.26	2	5	ND	1	14	1	2	2	7	.59	.02	7	1	.34	85	.08	4	.62	.06	.09	1	.06	.001
R-108-CW-30	1	3	5	18	.1	6	2	346	.78	2	5	ND	1	11	1	2	2	11	.24	.02	5	7	.56	131	.08	2	.54	.06	.02	1	.06	.001
R-108-CW-31	1	2	32	2	.7	1	1	79	.20	3	5	ND	2	315	1	2	2	1	29.79	.01	2	1	.25	2	.01	2	.03	.01	.01	2	.10	.001
R-108-CW-33A	1	45	8	54	.4	1	9	2919	5.68	15	5	ND	11	8	1	4	2	20	11.22	.04	2	1	.39	8	.06	2	.98	.01	.01	5	.02	.001
STD C	20	60	39	128	7.0	68	26	1093	3.95	39	18	6	38	49	16	15	17	61	.48	.15	38	57	.87	173	.07	38	1.71	.06	.11	12	-	-

SAMPLE#		Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
Berrybush Creek																																
R108-54	7141	1	298	67	65	.5	16	9	396	3.01	171	5	MD	1	9	1	2	2	45	1.53	.05	2	23	.66	24	.17	2	.73	.01	.05	6	395
R108-55	7142	2	111	62	8	.3	3	1	138	.70	3	5	MD	1	11	1	2	2	6	.11	.02	2	15	.07	9	.04	4	.21	.01	.04	10	3
R108-56	7143	1	324	4	4	.1	2	1	65	.39	2	5	MD	1	1	1	2	2	2	.04	.03	2	12	.03	5	.01	3	.06	.01	.01	8	3

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS Au** BY FIRE ASSAY (1 A/T)

DATE RECEIVED: JULY 9 1985 DATE REPORT MAILED: July 13/85 ASSAYER T. Saundry DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

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S.W. KT Claim

Handsome Lake

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** OZ/T	Au** OZ/T
CW-59 R108-6766	1	48	23	84	.1	4	16	1243	6.94	17	5	ND	6	15	1	2	2	198	1.79	.14	3	8	1.70	38	.32	10	2.83	.04	.05	1	.05	.002
CW-60 R108-6767	1	42	14	69	.1	5	18	1034	5.78	10	5	ND	6	23	1	2	2	197	1.34	.08	2	17	1.65	57	.20	10	2.27	.05	.07	1	.05	.001
CW-61 R108-6768	1	17	10	95	.1	12	19	1271	5.52	10	5	ND	5	72	1	2	2	131	.99	.11	3	25	2.79	12	.23	8	2.90	.02	.01	1	.05	.001
CW-62 R108-6769	1	43	7	113	.1	2	11	1212	5.17	4	5	ND	5	44	1	2	2	76	1.55	.17	4	3	1.37	13	.19	7	2.00	.03	.03	1	.05	.001
CW-63 R108-6770	1	6	7	70	.1	6	13	1066	5.67	2	5	ND	4	15	1	2	2	149	.80	.15	4	12	1.62	31	.20	8	1.84	.05	.06	1	.05	.001
CW-64 R108-6771	1	12	8	77	.1	2	11	1201	4.65	6	5	ND	2	80	1	2	2	72	1.12	.15	4	9	1.45	37	.21	6	2.05	.05	.03	1	.05	.001
CW-29 R108-6772	2	4	6	17	.1	2	3	288	1.37	2	5	ND	4	9	1	2	5	11	.18	.02	7	2	.49	65	.12	6	.65	.05	.07	1	.05	.002
CW-32 R108-6773	3	10	8	61	.9	1	9	3309	13.66	20	5	ND	11	6	1	2	2	4	19.39	.01	2	1	.12	12	.01	4	.14	.01	.01	17	.05	.001
CW-33 R108-6774	2	116	10	120	.7	1	17	3930	7.64	29	5	ND	8	6	1	2	2	9	9.66	.01	2	1	.16	21	.01	2	.13	.01	.01	19	.05	.001
CW-34 R108-6775	2	3110	10	41	10.4	3	13	3015	10.86	20	5	ND	8	6	1	2	2	8	12.43	.01	2	1	.43	41	.01	2	.37	.01	.01	15	.25	.001
CW-35 R108-6776	1	90	12	30	.1	5	15	428	2.33	6	5	ND	2	74	1	2	2	48	1.26	.16	5	1	1.58	18	.20	7	1.75	.03	.01	1	.05	.001
CW-36 R108-6777	1	372	10	54	.1	55	17	1130	3.35	4	5	ND	5	86	1	2	2	96	1.44	.12	3	97	1.72	29	.58	16	1.65	.03	.01	1	.05	.001
CW-37 R108-6778	1	22	9	117	.1	7	21	2279	4.60	4	5	ND	6	145	1	2	2	23	2.52	.05	2	6	1.78	6	.15	5	2.56	.01	.01	1	.05	.002
CW-38 R108-6779	1	10	9	81	.1	12	13	1312	2.46	2	5	ND	7	121	1	2	2	74	2.24	.13	3	13	3.22	27	.22	6	2.62	.01	.01	1	.05	.001
CW-39 R108-6780	1	8	9	52	.1	3	12	970	3.49	4	5	ND	4	70	1	2	2	55	1.07	.10	6	9	1.75	20	.25	12	2.08	.04	.02	1	.05	.001
CW-40 R108-6781	1	5	4	41	.1	3	5	952	1.09	2	5	ND	3	72	1	2	2	18	1.08	.03	6	5	.70	8	.19	20	1.12	.03	.01	1	.05	.001
CW-41 R108-6782	2	6	5	23	.1	2	2	424	1.67	3	5	ND	2	10	1	2	8	12	.23	.03	8	4	.40	41	.11	7	.71	.05	.06	1	.05	.001
STD C	21	58	38	136	7.2	66	28	1170	3.97	40	18	6	40	47	18	15	21	59	.48	.16	37	61	.88	188	.08	39	1.71	.06	.12	12	-	-

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AG++ BY FIRE ASSAY AU++ BY FIRE ASSAY (1 A/T)

DATE RECEIVED: JULY 16 1985 DATE REPORT MAILED: July 25/85 ASSAYER. T. Saundry. DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT - 301-608-001-108 FILE # 85-1419 PAGE 1

	SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Ag++ OZ/T	Au++ OZ/T	Wt GM
	CW-65 R-108-6783 ✓	1	169	13	77	.6	42	20	861	5.34	2	5	ND	7	40	1	2	2	113	3.65	.05	2	52	1.96	25	.01	4	2.64	.01	.05	1	.02	.001	770
	-66 R-108-6784 ✓	2	269	11	115	.9	63	26	1133	7.23	10	5	ND	6	11	1	2	2	142	2.41	.08	2	92	2.98	21	.36	5	3.43	.01	.13	1	.02	.001	950
	-67 R-108-6785 ✓	1	831	8	42	.5	30	7	526	1.88	3	5	ND	2	12	1	2	2	37	3.15	.06	2	58	1.06	7	.07	12	1.05	.01	.02	1	.02	.001	520
West of "Lucky"	-68 R-108-6786 ✓	1	38	5	28	.3	24	14	436	2.60	9	5	ND	1	34	1	2	2	38	1.57	.01	2	39	.86	8	.01	2	1.04	.01	.02	1	.01	.001	1500
	-69 R-108-6787 ✓	1	311	14	27	1.8	14	6	107	2.98	31	5	ND	2	2	1	2	3	36	.15	.03	4	12	.21	14	.12	2	.41	.01	.07	1	.06	.005	570
	-70 R-108-6788 ✓	4	64	14	127	.7	323	36	1414	6.75	4	5	ND	9	54	1	2	2	138	3.24	.13	2	337	6.16	17	.01	2	4.22	.01	.02	1	.02	.001	600
	-71 R-108-6789 ✓	1	11	3	9	.1	15	3	136	.80	2	5	ND	1	2	1	2	2	13	.09	.01	2	14	.37	2	.01	2	.32	.01	.01	1	.01	.001	675
	-72 R-108-6790 ✓	1	46	4	58	.3	26	14	698	4.32	4	5	ND	3	4	1	2	2	103	.11	.03	4	24	1.66	11	.02	2	2.00	.01	.01	1	.01	.001	1200
	-73 R-108-6791 ✓	1	5	2	7	.1	3	3	175	1.47	4	5	ND	4	2	1	2	4	3	.13	.02	10	1	.07	35	.03	4	.33	.02	.15	1	.01	.001	1480
	CW-74 R-108-6792 ✓	1	17	6	53	.6	28	10	501	2.33	5	5	ND	4	18	1	2	2	63	8.17	.04	2	55	1.46	10	.17	2	1.31	.01	.02	1	.02	.001	1460
Triple Cr	L-06 R-108-6793	3	577	956	1349	2.0	36	22	1742	7.19	4	5	ND	10	49	8	2	9	172	6.25	.08	2	31	2.64	17	.63	2	3.00	.01	.02	4	.06	.001	620
"	L-10 R-108-6794	1	52	16	64	.5	17	8	689	3.04	3	5	ND	7	34	1	3	3	63	2.76	.06	6	21	1.22	72	.21	2	1.38	.02	.08	1	.01	.001	590
North Cr	L-12 R-108-6795	2	36	5	9	.4	6	2	166	.61	2	5	ND	6	22	1	2	2	16	10.61	.01	2	6	.23	2	.04	19095	.24	.01	.01	6	.02	.001	1270
"	L-12A R-108-6796	1	24	5	21	.4	10	4	270	1.06	3	5	ND	2	41	1	2	10	49	.96	.04	4	13	.24	5	.46	330	.49	.03	.01	1	.01	.001	860
"	L-13 R-108-6797	1	78	6	41	.2	11	14	431	4.43	5	5	ND	7	18	1	3	2	71	.79	.12	5	15	1.48	42	.18	27	1.89	.06	.05	2	.01	.001	910
North Cr	L-14 R-108-6798	2	71	7	35	.6	7	12	369	4.37	3	5	ND	5	17	1	2	4	102	.91	.11	7	9	1.39	58	.21	17	1.93	.07	.05	1	.02	.001	830
North C	L-15 R-108-6799	1	109	8	47	.2	6	21	322	6.38	13	5	ND	3	15	1	2	2	60	.79	.10	5	5	1.10	24	.12	30	1.34	.06	.03	1	.01	.001	380
Active Cr.	L-19 R-108-6800	2	280	12	140	.8	58	25	1164	6.68	6	5	ND	5	23	1	2	2	151	3.31	.08	2	90	2.33	32	.27	13	2.71	.05	.04	1	.02	.001	940
Active	L-20 R-108-6801	7	148	74	76	2.4	132	29	319	19.36	271	5	ND	9	30	1	25	2	72	1.88	.11	114	101	3.34	7	.02	23	2.68	.01	.01	1	.08	.001	970
Active	L-21 R-108-6802	1	59	8	40	.2	120	21	724	3.88	5	5	ND	2	9	1	2	2	63	1.87	.03	2	64	2.91	9	.15	14	2.48	.05	.01	1	.01	.001	1200
	STD C	21	60	39	137	7.7	69	27	1170	3.98	40	17	7	41	47	17	15	21	58	.48	.15	40	61	.80	189	.08	38	1.72	.06	.12	12	-	-	-

TEC
Ac

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN,FE,CA,P,CR,MG,BA,TI,B,AL,NA,K,W,SI,ZR,CE,SN,Y,NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU** ANALYSIS BY FA+AA FROM 20 GRAM SAMPLE.

DATE RECEIVED: AUG 7 1985 DATE REPORT MAILED: Aug 9/85 ASSAYER: T. Saundry. DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT - 301-608-001-108 FILE # 85-1760 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
L-56 R-108-7017	1	116	5	68	.3	45	29	166	4.09	21	5	ND	2	20	1	2	2	47	3.18	.06	2	43	2.38	6	.07	9	3.19	.02	.03	1	4
-57 R-108-7018	3	26178	11	39	2.0	8	29	450	10.29	10	5	ND	3	83	1	2	2	36	.83	.38	2	3	1.28	5	.13	5	1.50	.02	.02	1	34
-58 R-108-7019	1	68	19	119	.3	9	51	1124	32.29	30	6	ND	4	4	1	19	2	29	3.08	.08	2	1	.15	6	.01	2	.30	.01	.02	10	1
-59 R-108-7020	2	70	2	40	.2	11	17	431	4.07	7	5	ND	1	54	1	2	2	32	.93	.12	2	11	.76	36	.14	2	1.42	.09	.05	1	1
-6[illegible] R-108-7021	2	86	5	40	.3	11	19	419	4.27	4	5	ND	3	34	1	2	4	74	1.20	.07	3	25	1.17	23	.18	5	2.01	.14	.06	1	1
Mouth Lucky Cr.																															
L-61 R-108-7022	1	53	2	38	.3	11	15	337	3.95	3	5	ND	3	47	1	2	3	81	1.66	.36	4	16	.99	45	.17	13	2.24	.17	.09	1	1
-62 R-108-7023	2	32	13	6	.2	1	3	88	.90	2	5	ND	7	6	1	2	2	8	.04	.01	6	2	.15	28	.04	7	.31	.07	.11	1	2
-63 R-108-7024	2	10	2	5	.1	1	3	75	1.11	2	5	ND	7	8	1	2	2	4	.05	.01	8	1	.14	112	.01	4	.30	.07	.10	1	1
-64 R-108-7025	2	36	2	54	.1	7	7	433	2.89	2	5	ND	4	18	1	2	4	33	1.00	.06	6	7	.72	63	.13	7	1.37	.07	.12	1	1
-65 R-108-7026	2	66	6	38	.1	12	17	436	5.26	2	5	ND	2	37	1	2	4	47	.81	.06	6	8	1.68	46	.27	2	1.93	.11	.61	1	3
L-66 R-108-7027	2	46	3	45	.2	24	18	436	4.12	5	5	ND	3	73	1	2	2	52	1.40	.13	5	12	1.42	43	.21	8	2.15	.20	.19	1	1
L-67 R-108-7028	5	72	2	36	.1	7	18	869	5.53	3	5	ND	5	11	1	2	5	118	.46	.20	7	8	.63	84	.16	7	1.75	.04	.27	1	1
CW-109 R-108-7029	21	2646	33	34	.8	3	9	442	3.29	28	5	ND	3	43	1	2	2	8	1.05	.07	5	1	.66	69	.06	8	.79	.01	.16	1	37
108 R-108-7030	1	324	4	57	.2	23	25	2250	10.90	11	5	ND	6	221	1	2	2	22	14.22	.03	9	1	1.23	12	.01	5	1.69	.01	.01	5	1
109 R-108-7031	1	10	2	16	.1	4	4	349	1.50	2	5	ND	3	15	1	2	2	9	.31	.04	8	3	.34	17	.08	6	.62	.07	.05	1	1
CW-110 R-108-7032	1	19	2	15	.1	1	[illegible]	602	3.47	3	5	ND	1	21	1	2	2	13	6.49	.01	2	1	.16	3	.01	2	.18	.01	.01	1	3
111 R-108-7033	2	24	3	1123	.2	2	25	2253	5.36	19	5	ND	3	34	10	2	2	6	7.32	.03	3	1	.64	14	.01	4	.66	.01	.01	5	1
Handsome Lake 112 R-108-7034	1	2	2	33	.1	6	12	565	3.73	2	5	ND	1	66	1	2	5	45	.71	.14	6	11	1.39	9	.21	2	1.67	.04	.03	1	1
113 R-108-7035	7	53	5	16	.2	2	5	221	2.51	20	5	ND	2	112	1	2	2	15	.78	.04	6	1	.44	9	.10	3	.95	.01	.01	1	7
114 R-108-7036	1	4	4	38	.2	1	5	447	2.20	4	5	ND	3	22	1	2	2	14	1.01	.06	9	1	.45	97	.14	5	.93	.07	.06	1	2
CW-115 R-108-7037	2	19	2	91	.2	2	12	1404	6.88	8	5	ND	2	16	1	2	2	62	.57	.11	2	1	3.20	57	.17	4	2.75	.05	.06	1	52
116 R-108-7038	1	5	2	20	.1	1	7	223	2.08	2	5	ND	2	22	1	2	2	37	.42	.06	2	1	1.22	26	.19	4	1.38	.04	.11	1	3
117 R-108-7039	2	6	2	34	.1	1	5	381	1.74	2	5	ND	3	40	1	2	2	11	.82	.05	8	1	.63	62	.10	4	1.56	.07	.04	1	1
118 R-108-7040	1	4	2	18	.1	2	5	303	2.09	2	5	ND	4	26	1	2	2	25	.41	.06	8	2	.87	13	.13	4	1.15	.07	.03	1	1
119 R-108-7041	4	7	4	24	.1	1	11	286	5.75	4	5	ND	1	17	1	2	2	15	.36	.08	2	1	.59	26	.08	3	1.20	.09	.14	1	1
CW-120 R-108-7042	1	11	2	25	.1	5	9	461	3.03	2	5	ND	3	12	1	2	2	69	.90	.08	6	4	.80	40	.19	5	1.48	.05	.04	1	2
STD C/FA-AU	22	60	37	139	7.2	69	30	1192	4.03	37	19	8	37	52	17	15	21	60	.48	.15	37	61	.88	175	.08	37	1.71	.04	.11	11	48

RECONNAISSANCE

Silt Geochemistry

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604) 253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED SEPT 13 1985

DATE REPORTS MAILED Sept 16/85

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : PULP
Hg - STANDARD BASE METAL DIGESTION, COLD VAPOUR REDUCTION AA ANALYSIS.

ASSAYER V. Saundry DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT 301-608-001-108 FILE# RE-RUN PAGE# 1

	SAMPLE		Hg ppb
	S-108-7062	(85-1818)	500
	S-108-7063	"	80
	S-108-7064	"	140
L-127	R-108 7200	(85-2006)	4000

mercury Cr

	SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
Sam's Silt 76830	S-108-7062	1	111	14	108	.1	63	21	1114	6.55	2	5	MD	1	17	1	5	2	162	.74	.04	5	69	1.85	39	.30	8	2.71	.01	.02	1	7
76828	S-108-7063	1	112	12	118	.1	59	18	1117	6.60	2	8	MD	1	17	1	2	2	157	.94	.04	3	58	2.12	29	.44	7	2.73	.02	.02	1	8
76828	S-108-7064	1	111	10	116	.1	58	19	1184	6.46	4	5	MD	1	19	1	2	2	155	.99	.05	3	57	2.03	29	.43	6	2.74	.02	.02	1	4
Silt - S-108-29	S-108-7109	1	147	14	98	.1	40	19	1351	5.49	2	5	MD	1	30	1	3	6	139	.86	.08	3	54	1.73	27	.33	8	2.63	.01	.02	1	7

Suicide Cr.

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
ST108-529	2	75	17	104	.1	37	12	1857	5.37	78	8	ND	1	47	1	2	3	107	1.96	.20	2	75	1.47	89	.10	2	2.81	.02	.03	1	3
ST108-530	3	71	27	130	.2	50	14	2439	4.91	46	5	ND	1	38	1	2	4	96	1.44	.12	2	73	1.44	82	.10	2	2.98	.01	.03	1	2
ST108-531	2	52	25	162	.1	52	15	1072	4.24	21	5	ND	1	47	1	2	2	104	1.39	.13	2	110	2.18	59	.14	2	2.83	.62	.08	1	2

Triple Cr. Prec S, H Samples (Resample)

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SILT -80 MESH AND ROCKS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.
R2 - Rock. Au** - F.A./AA

DATE RECEIVED: AUG 13 1985 DATE REPORT MAILED: Aug 15/85 ASSAYER. T. Saundry DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD PROJECT-301-608-001-108 FILE # 85-1843 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
Seaside Creek silt { S108-50	1	240	10	177	.1	66	28	2223	6.63	24	5	NB	2	23	1	2	2	135	.51	.08	8	53	1.85	61	.13	3	6.50	.01	.02	1	20

APPENDIX III

Petrographic

Vancouver Petrographics Ltd.

JAMES VINNELL, Manager
JOHN G. PAYNE, Ph. D. Geologist

P.O. BOX 39
8887 NASH STREET
FORT LANGLEY, B.C.
V0X 1J0

PHONE (604) 888-1323

Invoice 5176

Report for: Zlata Rebic,
Falconbridge Ltd.,
Box 1089,
Ucluelet, B.C.,
V0R 3A0.

June 4, 1985

Samples: R108-2, R108-3, R108-4, R108-5.

Summary:

The samples are highly altered andesites and related diorites, originally consisting mainly of plagioclase with plagioclase phenocrysts. R108-2 and R108-5 are definately volcanic andesites; R108-5 is porphyritic and R108-2 contains a few xenolithic andesitic/dioritic fragments; small amounts of olivine appear to be fragmental. R108-3 is highly altered but appears to have consisted mainly of large euhedral plagioclase grains indicating a diorite, although the large plagioclase grains may be phenocrysts from a rock of volcanic affinities. R108-4 is more like R108-3 than the other two samples. Alteration has been intense and pervasive in all of the rocks.

The alteration in R108-2 is different and may be regional in extent. It consists of replacement of the plagioclase by fine epidote and chlorite. Very thin stringers of quartz and calcite occur cutting through the epidote alteration.

In the other samples the alteration consists of the development of calcite, clays, sericite and quartz in various proportions. Alteration probabaly occured along shears. The alteration minerals are very fine grained and intimately mixed; they form an interconnecetd spherulitic patchwork with colloform textures in which one or the other of the alteration minerals is concentrated in thin zones. The alteration in R108-3 and R108-5 consists of mainly of sericite, calcite and clays with some quartz in R108-5. The clays are optically indeterminate (amorphous) but may be montmorillonitic and/or chloritic in part. In sample R108-4 there is very little sericite; calcite with a chloritic clay are the main alteration minerals, along with lesser quartz.

A. L. Littlejohn, M.Sc.

R108-2: ALTERED (EPIDOTE) ANDESITE.

This sample is a fine grained, dark green, massive volcanic rock of andesitic composition. It has been intensely and pervasively altered with the production of very fine epidote which has replaced, along with some chlorite, most of the original minerals (mainly plagioclase). Scattered about the rock are rounded to ovoid fragments up to 2mm in size which consisted of a coarser grained andesite or diorite; they have also been almost completely replaced by epidote. There are a few grains and small aggregates of olivine scattered unevenly about the rock; one aggregate contains large plagioclase laths, a few of which are also scattered about the rock. I suspect that these are fragments from a gabbroic environment. Minerals are:

epidote	50%	
chlorite	20	
plagioclase	12	
fragments	12	(mainly epidote after plagioclase)
Fe-Ti oxides	5	
olivine	1	
quartz	minor	(veinlets)
calcite	minor	(veinlets)
opaque	trace	(pyrite ?)
tremolite	trace	

The original andesite appears to have consisted of a mass of fine plagioclase laths less than 0.1mm in length, along with fine interstitial material. Pervasive alteration has resulted in the formation of an extremely fine, compact, cloudy mass of epidote, intimately mixed with chlorite and Fe-Ti oxides. Grain size of this mixture is less than 0.005mm. The outlines of the fine plagioclase laths can be discerned in places. Sometimes the epidote coarsens to subrounded or subprismatic grains up to 0.2mm in size, occuring in small indistinct patches or in thin diffuse stringers. The chlorite also may occur in thin stringers or patches.

Andesitic-dioritic fragments are from 0.5 to 2.0mm in size and generally ovoid in shape with embayments and patches of the enclosing material within them. They consisted of an aggreggate of subhedral laths 0.2 to 1.0mm in size ("diorite") or of a mass of shapeless interlocking grains about 0.2mm in size ("andesite"). Mostly they are altered to a mass of shapeless or subprismatic interlocking epidote grains 0.1 to 0.5mm in size; only a few contain remnants of the plagioclase and it is not always possible to tell the original rock type. In places chlorite has formed in small patches within the mass of epidote. Fine acicular tremolite may occur with the chlorite. Small diffuse patches of carbonate sometimes occur also but these are associated with veinlets and are later; the tremolite is probabaly associated with this.

(continued)

R108-2 (cont.)

As well as the fragments consisting of (altered) plagioclase aggregates there are single euhedral to subhedral laths 0.3 to 1.5mm in size unevenly scattered about the rock. The smaller ones may be original laths which have not undergone as intense alteration; the larger ones are probabaly derived from the fragments. These plagioclase grains are rather cloudy with incipient alteration and small grains of epidote and/or fine flakes of chlorite often occur within them.

Olivine forms rounded to squat prismatic grains 0.2 to 0.5mm in size. They occur unevenly scattered about the rock, often in clusters or aggregates of a few grains. One aggregate contains a few euhedral laths of plagioclase intergrown with the olivine. Epidote sometimes replaces the edges of the olivine or occurs in fractures.

There is a system of subparallel veinlets about 0.1mm in width and spaced about 1 - 2mm apart cutting through the rock. These consist of an intergrowth of fine quartz and/or calcite. Diffuse patches of carbonate occur in the fragments where the veins intersect them. Also occuring are clusters of fine opaque grains which may be pyrite.

R108-3: ALTERED (SERICITE-CLAY) DIORITE (?).

This sample is a very highly altered rock consisting mainly of spherultic, colloform patches of clays, calcite and sericite. There is more than one type of clay but they are optically indeterminate and may be intimately intergrown with one another. There are large tabular aggregates of sericite, containing diffuse remnants of plagioclase, suggesting that the rock was a diorite, but otherwise the original fabric and mineralogy has been totally obscured. Minerals are:

sericite	25%	(includes minor illite)
clays	50	
calcite	20	
plagioclase	3	(remnants)
Fe-Ti oxides	2	(includes some limonite)
quartz	minor	

Plagioclase remnants occur in tabular aggregates up to 3mm in size. These consist of a mass of very fine ragged sericite flakes, sometimes intimately intergrown with illite. Ragged grains of calcite up to 0.1mm in size occur throughout the mass of sericite, often coalescing into small patches. The plagioclase occurs as diffuse remnants "underneath" the sericite and carbonate; sometimes there are patches of subrounded recrystallised plagioclase grains up to 0.2mm in size.

Apart from the large altered plagioclase laths the rest of the rock consists of spherultic, colloform intergrowth of sericite, clays and carbonate. The spherules vary in size from 0.2 to 2.0mm and occur amongst more shapeless intergrowths of these minerals. The spherules commonly have a core of sericitic material surrounded by thin zones of carbonate, then by clays. More than one zone of clay may occur. The cores may consist of carbonate or sometimes clay.

The spherulitic aggregates occur amongst interconnected shapeless patches of the same materials, sometimes carbonate-rich, elsewhere clay rich, often having colloform textures. Individual clay or carbonate zones may be crowded with extremely fine Fe-Ti oxides, altering to limonite in places. Many ragged, indistinct patches of sericite occur amongst the clays and carbonate. Within some of the carbonate patches there are small amounts of fine quartz intergrown with it. Some carbonate occurs in veinlets up to 0.2mm wide. The veinlets tend to pinch and swell around the patches of one or the other minerals.

(continued)

RB108-3 (cont.)

Apart from the illite associated with sericite there are at least two types of clay which probabaly belong to the montmorillonite group. The commonest forms a mass of shapeless interlocking grains less than 0.005mm in size with moderate relief and low birefringence. It is colourless to pale brown, due in part to limonitic stain. Colloform structures are a result, in part, to differences in colour and grain size. There is also a greenish coloured clay which is much finer grained, has higher relief and is isotropic or amorphous. Perhaps this is a type of chlorite (?). This type is often intimately intergrown with patches of carbonate but also occurs in some zones of the colloform structures. Fine Fe-Ti oxides are common with this.

RB108-4: ALTERED (CALCITE-CHLORITIC CLAY) PORPHYRITIC ANDESITE (DIORITE ?)

This sample was a medium grained inequigranular rock originally consisting of euhedral plagioclase laths up to 2mm in size within a groundmass of finer plagioclase grains up to 0.2mm in size. It could have been a volcanic andesite or a subvolcanic diorite. Alteration has been intense and pervasive, being concentrated in diffuse, interconnected patches a few millimeters in size. The dominant alteration minerals are calcite and a chloritic clay. Minerals are:

plagioclase	15%
calcite	32
clay/chlorite	38
quartz	8
Fe-Ti oxides	5
epidote	2
sericite	minor
tremolite	minor

Plagioclase phenocrysts are euhedral and 1 to 2mm in size. They occur, sometimes in clusters, within a groundmass of subrounded to irregularly shaped interlocking plagioclase grains about 0.05 to 0.2mm in size. The phenocrysts are speckled with fine sericite and ragged patches of calcite and/or chloritic clay occur within them. A few are more or less completely altered to carbonate. Within the groundmass plagioclase there is a fine intergranular film of Fe-Ti oxide and chloritic clay around the grains. Ragged Fe-Ti oxide grains and small patches and stringers of carbonate and/or chlorite occur.

The rock remnants occur within an inhomogeneous patchwork of the alteration minerals, dominantly carbonate and chloritic clay. The carbonate forms grains less than 0.05mm in size. The chloritic clay is a pale greenish flakey material, extremely fine grained, which is sometimes isotropic and sometimes weakly birefringent in anomalous bluish colours. The mixture occurs in more or less spherultic patches which often have a colloform structure. Often the large core of the patch is chloritic and is surrounded by zones of carbonate or of carbonate/clay mixtures.

Ragged Fe-Ti oxides occur throughout and may be concentrated in zones, particularly adjacent to the rock remnants. Rounded grains of epidote less than 0.05mm in size occur scattered within the altered patches. Sericite sometimes occurs where indistinct plagioclase remnants can be discerned "underneath" the mass of carbonate and chloritic clay. Some diffuse plagioclase remnants contain small masses of fine feathery tremolite grains, particularly where carbonate patches or veinlets occur.

Quartz forms shapeless to subrounded interlocking grains 0.05 to 0.5mm in size which occur in small patches amongst the mass of calcite and chloritic clay. Most patches are less than 1.0mm in size and consist of grains about 0.2mm in size. The edges of the patches are intergrown with the surrounding mineral. Larger patches are more variable in grain size and may have calcite intergrown with the quartz.

R108-5: ALTERED (SERICITE-CALCITE-CLAY-QUARTZ) PORPHYRITIC ANDESITE.

This sample is a highly altered rock which has been sheared and pervasively altered with an intimate intergrowth of sericite, calcite, clay and quartz. For the most part the original fabric and mineralogy has been totally obscured but there are patches in which the original texture remains. Minerals are:

plagioclase	10%	
sericite	25	
calcite	35	
clay	18	(including some chlorite)
quartz	12	
Fe-Ti oxides	5	
opaque (pyrite)	trace	

The original rock was an andesite consisting of euhedral plagioclase laths 0.5 to 2.5mm in size scattered about a very fine grained groundmass consisting mainly of very thin, small plagioclase laths. There are several patches in which this texture occurs but the phenocrysts have been completely altered to a compact mass of very fine sericite. The groundmass consists of an extremely fine (less than 0.005mm) intimate mixture of carbonate and sericite with carbonate dominant; the outline of the fine plagioclase laths remains. Indistinct chloritic material or clay can be made out in diffuse patches amongst the carbonate and sericite. Some clays occur with the sericite in the altered phenocrysts. There are several very thin diffuse stringers of sericite and/or calcite within the mass of fine grained material.

Most of the rock has been highly altered and recrystallised so that the original texture is obscured. In these parts there are spherultic patches and swirls in varying shades of drab olive-green. This consists of mixtures of the alteration minerals along with patches of recrystallised plagioclase. This material is dominated by carbonate which forms extremely fine grains (about 0.005mm), often intimately intergrown with sericite. Small diffuse patches of carbonate or sericite concentration occur throughout, as do fine stringers. There is an extremely fine, almost isotropic clay intimately intergrown with the carbonate and sericite and this may grade into small chloritic patches. Ragged Fe-Ti oxide grains, less than 0.05mm in size, are disseminated evenly throughout the carbonate-sericite-clay intergrowth. Quartz occurs in vein-like patches up to 1mm wide, but usually less, where it forms subhedral to shapeless grains of variable size from 0 05 to 0.3mm. The edges of the patches are intimately intergrown with calcite and/or sericite.

(continued)

R108-5 (cont.)

Throughout the patchy intergrowth of carbonate, sericite and clay there are diffuse patches containing plagioclase. There is often a narrow colloform zonation of alteration minerals around these more or less rounded patches which are up to 5mm in size. The plagioclase has been recrystallised to a variety of forms and is intergrown with the alteration minerals; sometimes carbonate is dominant, sometimes chloritic material is dominant. It is always cloudy with incipient alteration. Most patches consist of a mass of subrounded interlocking plagioclase grains 0.05 to 0.2mm in size; some patches are equigranular, others are not. In places there is an aggregate of fine feathery elongated grains and occasionally these form spherules.

Cubic opaque grains (pyrite) 0.1 to 0.3mm in size occur in clusters scattered about the rock.

APPENDIX IV

Drill Logs

Logged by Z. Rebic, graduate geologist, project supervisor many years experience in B.C.; the core is on the property.

EK

PROPERTY WICK CLAIMS

HOLE NUMBER L-1

SHEET NUMBER 1

SECTION FROM ____ TO ____

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LUCKY GRID 135N 50E

ELEVATION OF COLLAR 168 m

DATUM

DIRECTION AT START: BEARING 270° DIP 54°, 54° at 30.48m, 53° at end

STARTED June 25, 1985

COMPLETED June 27, 1985

ULTIMATE DEPTH 59.74 m

PROPOSED DEPTH 57.00 m

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
0 - 4.40	OVERBURDEN • pebbles and boulders of granodiorite, diorite and mafic volcanics						
4.40 - 16.20	QUARTZ FELDSPAR PORPHYRY • light grey, massive • 30-40% plagioclase phenocrysts up to 5mm, poorly formed, anhedral with diffuse borders but fairly fresh • 1-3% quartz eyes up to 2mm • 5-10% chloritized mafics up to 2mm as clots • trace to 1% pyrite	7.31 - 8.31	0.001				
	7.56 - 8.30 • broken up core with slickensides on some fragments - fault at 10° to the core axis • occasional epidote and quartz veins 1-2mm in width						

PROPERTY.....

HOLE NUMBER L1

SHEET NUMBER 2

SECTION FROM..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.....
DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING.....
DIP.....

STARTED.....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	12.95 - 15.34	12.95-13.95	0.001				
	• dark greyish-green						
	• 10-15% plagioclase phenocrysts up to 3mm - poorly formed, anhedral						
	• 1% quartz eyes						
	• 5-10% chlorite clots						
	• hairline fractures filled with quartz						
	• minor pyrite						
	• 2mm wide quartz vein at 10° to the core axis						
	15.34 - 15.90						
	• like 12.95 - 15.34 but 50% of plagioclase is epidotized						
	15.90 - 16.20						
	• grain size decrease to fine						
	• chilled contact at 35° to the core axis at 16.20m						

PROPERTY

HOLE NUMBER L1

SHEET NUMBER 3

SECTION FROM ____ TO ____

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT. DEP.

STARTED

ELEVATION OF COLLAR

COMPLETED

DATUM

ULTIMATE DEPTH

DIRECTION AT START: BEARING DIP

PROPOSED DEPTH

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
16.20 - 28.68	MAFIC VOLCANIC BRECCIA	22.55-23.55	0.001				
	• green fragments with pale blue matrix						
	• fragments have alteration rings of clays, chlorite, epidote and calcite						
	• occasional lath of epidotized plagioclase up to 1 cm						
	• up to 2 mm wide calcite and quartz veins at 35°, 70°, 25° and 45° to the core axis						
	• also irregular veins present						
	• chlorite clots in the breccia - some euhedral after pyroxene						
	• amygdaloidal mafic volcanics occur as blocks or thin relatively unaltered mafic flows at irregular intervals						
	• epidote fills amygdules						
	• hematite occurs locally within the breccia						
28.68 - 30.38	PORPHYRITIC AMYGDALOIDAL MAFIC VOLCANIC						
	• yellowish-green, massive						
	• fine grained epidote/chlorite matrix						

N.M.P.-FORM A

PROPERTY.....

HOLE NUMBER L1

SHEET NUMBER 4

SECTION FROM..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.....
DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING.....
DIP.....

STARTED.....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	• occasional lath of epidotized plagioclase up to 1cm						
	• up to 2cm amygdules filled with epidote						
	• occasional sheared section at 25° to the core axis with 2mm wide quartz veins						
	• trace pyrite						
30.38 - 41.66	MAFIC VOLCANIC BRECCIA	36.18-37.18	0.001				
	• same as 16.20 - 28.68	37.18-37.80	0.001				
	• broken up core 32.10 - 33.50, 37.00 - 37.18	37.80-38.73	0.001				
		38.73-39.24	0.001				
	• shear or fault at 15° to the core axis at 37.18 - 37.80, 38.73-39.24	39.24-39.76	0.001				
		39.76-40.76	0.001				
	• hematite occurs locally	40.76-41.76	0.001				
	• trace pyrite						
	• irregular quartz veins up to 2mm in width						

N.M.P.-FORM A

PROPERTY.....

HOLE NUMBER L1

SHEET NUMBER 5

SECTION FROM..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.....
DEP.....

STARTED.....

ELEVATION OF COLLAR.....

COMPLETED.....

DATUM.....

ULTIMATE DEPTH.....

DIRECTION AT START: BEARING.....
DIP.....

PROPOSED DEPTH.....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
41.66-41.76	MAFIC VOLCANIC						
	• fine grained, buff (bleached out)						
	• chlorite clots						
	• 3-5 % pyrite						
	• epidote, clays, calcite matrix						
41.76 - 41.90	CALCITE VEIN	41.76-41.90	0.019				
	• minor quartz						
	• contacts at approximately 45° to the core axis						
	• lower contact (at 41.90) is slickensided - shear or fault						
41.90 - 46.79	PORPHYRITIC AMYGDALOIDAL MAFIC VOLCANIC	41.90-42.79	0.001				
	• fine grained, green, massive	42.79-43.79	0.001				
	• 5 % chlorite clots up to 2mm - some appear to be after pyroxene (augite)	44.79-45.76	0.001				
		45.76-46.79	0.001				
	• amygdules up to 1cm filled with epidote (appear locally)						
	• minor poorly formed plagioclase phenocrysts						
	• trace pyrite						

N.M.P.-FORM A

PROPERTY

HOLE NUMBER L1

SHEET NUMBER 6

SECTION FROM ____ TO ____

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT ____ DEP ____

ELEVATION OF COLLAR ____

DATUM ____

DIRECTION AT START: BEARING ____ DIP ____

STARTED ____

COMPLETED ____

ULTIMATE DEPTH ____

PROPOSED DEPTH ____

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	• 2mm wide quartz veins at 20° to the core axis						
46.79-46.91	MAFIC VOLCANIC	46.79-47.04	0.001				
	• fine grained, buff (bleached out)						
	• epidote, clays, calcite						
	• 2mm wide quartz vein in a fracture at 70° to the core axis						
46.91-58.59	MAFIC VOLCANIC BRECCIA	47.04-48.04	0.001				
	• same as 16.20-28.68	48.04-49.04	0.001				
	• alteration rings of clays, calcite, epidote and chlorite around the fragments	49.04-50.04	0.001				
		50.04-51.04	0.001				
		51.04-52.04	0.001				
	• irregular ovoid masses of quartz and epidote	52.04-53.04	0.001				
		53.04-54.04	0.001				
	• hematite staining locally	54.04-55.00	0.001				
	• trace pyrite	55.00-55.20	0.001				
	55.20-56.25	55.20-56.25	0.001				
	• block or a thin flow of porphyritic						

N.M.P.-FORM A

PROPERTY

HOLE NUMBER L1

SHEET NUMBER 7

SECTION FROM ____ TO ____

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT. DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	amygdaloidal mafic volcanic	56.25-56.66	0.001				
	• hematite staining						
	• amygdules filled with quartz and epidote						
	• locally sheared						
	• irregular quartz and epidote veins up to 2 mm in width						
	• trace to 1% pyrite						
	56.66 - 58.59	56.66-57.66	0.001				
	• occasional up to 2 cm wide quartz and calcite vein at 45° and 35° to the core axis	57.66-58.59	0.001				
	• trace to 1% pyrite locally						
58.59 - 59.74	MAFIC VOLCANIC FELDSPAR PORPHYRY	58.59-59.74	0.001				
	• fine grained green						
	• 15% plagioclase phenocrysts up to 2 mm - anhedral						
	• plagioclase mostly epidotized						
	• 3-5% chlorite clots						

PROPERTY

HOLE NUMBER L1

SHEET NUMBER 8

SECTION FROM ____ TO ____

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT. ____ DEP. ____

ELEVATION OF COLLAR ____

DATUM ____

DIRECTION AT START: BEARING ____ DIP ____

STARTED ____

COMPLETED ____

ULTIMATE DEPTH ____

PROPOSED DEPTH ____

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	• at upper contact (58.59) 2 cm wide quartz/epidote vein at 65° to the core axis						
	• appears coarser towards the end of the hole because of plagioclase phenocrysts						
	End of Hole						

N. M. P. - FORM A

PROPERTY WICK CLAIMS

HOLE NUMBER L2

SHEET NUMBER 1

SECTION FROM ____ TO ____

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LUCKY GRID
135°N 50E

ELEVATION OF COLLAR 168 m

DATUM

DIRECTION AT START: BEARING 270°
DIP 65°, 64° at end

STARTED June 27, 1985

COMPLETED June 29, 1985

ULTIMATE DEPTH 66.45 m

PROPOSED DEPTH 64.00 m

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
0 - 3.14	OVERBURDEN						
3.14 - 16.90	QUARTZ FELDSPAR PORPHYRY	8.84-9.84	0.001				
	• light grey, massive						
	• 20% subhedral to anhedral plagioclase phenocrysts up to 3mm - fairly fresh						
	• 3-5% anhedral quartz up to 5mm						
	• 5-10% chlorite up to 5mm (after pyroxene or hornblende)						
	• trace pyrite as crystals up to 1mm						
	14.47 - 16.9	14.94-15.94	0.001				
	• fine grained, inequigranular, green, massive						
	• 0.05 to 1mm epidotized anhedral plagioclase phenocrysts						
	• epidote and chlorite matrix						
	• quartz and epidote veins up to 1mm in width						
	• occasional xenoliths within the porphyry						

N.M.P.-FORM A

PROPERTY.....

HOLE NUMBER L2

SHEET NUMBER 2

SECTION FROM..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.....
DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING.....
DIP.....

STARTED.....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
16.90 - 17.98	MAFIC VOLCANIC BRECCIA • green, massive • fragments of mafic volcanic and epidotized plagioclase • epidote, quartz and plagioclase in amygdules • 15-20% chlorite clots (after pyroxene?) • fragments have alteration rings consisting of epidote, chlorite, clays and sericite • trace pyrite	17.78 - 18.78	0.001				
17.98 - 18.00	QUARTZ/CALCITE VEIN						
18.00 - 20.50	MAFIC VOLCANIC BRECCIA • green, massive • fragments with concentric alteration rings of chlorite, epidote and clays • calcite, epidote, chlorite and clays occur in the matrix • quartz fills thin fractures • hematite staining in the matrix						

N. M. P. - FORM A

PROPERTY.....

HOLE NUMBER L.2

SHEET NUMBER 3

SECTION FROM..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.....
DEP.....

STARTED.....

ELEVATION OF COLLAR.....

COMPLETED.....

DATUM.....

ULTIMATE DEPTH.....

DIRECTION AT START: BEARING.....
DIP.....

PROPOSED DEPTH.....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	• irregular patches of quartz						
	• <1% pyrite associated with quartz veins and patches						
	20.00 - 20.50						
	• a block or thin flow of mafic volcanic feldspar porphyry						
	• epidotized plagioclase phenocrysts up to 5mm (10-15%)						
	• 5% chlorite clots up to 2mm						
	• some hematite						
	• 1 mm wide quartz veins						
20.50-20.53	CALCITE VEIN						
20.53-28.74	MAFIC VOLCANIC BRECCIA	25.96-26.96	0.001				
	• green, massive						
	• plagioclase altered to sericite and epidote						
	• some plagioclase has chloritic centre						
	• quartz veinlets with minor pyrite (2mm wide)						
	• blocks or thin flows of porphyritic						

N.M.P.-FORM A

PROPERTY.....

HOLE NUMBER L-2

SHEET NUMBER 4

SECTION FROM..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.....
DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING.....
DIP.....

STARTED.....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	amygdaloidal mafic volcanics occur within the breccia • hematite locally						
28.74-35.50	MAFIC VOLCANIC AUGITE PORPHYRY • green, massive • 20-25% chlorite after augite • 2mm to 7mm subhedral to euhedral crystals of augite completely altered to chlorite • some fragments occur locally with concentric alteration rings of clays, epidote and calcite as in the mafic bre • quartz in veinlets and irregular patches • hematite locally	34.10-35.10	0.001				
35.50-51.31	MAFIC VOLCANIC BRECCIA • green, massive • fragments with alteration rings of clays, epidote, chlorite and calcite	40.84-41.84	0.001				

N.M.P.-FORM A

PROPERTY

HOLE NUMBER L 2

SHEET NUMBER 5

SECTION FROM ____ TO ____

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT. DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	• quartz as veinlets and irregular masses	45.50-46.50	0.001				
	• blocks or thin flows of amygdaloidal	46.50-47.50	0.001				
	porphyritic mafic volcanic	47.50-48.50	0.001				
	• amygdules up to 2cm filled with	48.50-49.50	0.001				
	quartz and epidote	49.50-50.50	0.001				
	• few plagioclase phenocrysts up to 1cm	50.50-51.31	0.001				
	• amygdaloidal porphyritic sections						
	often contain hematite						
	• quartz and epidote veins 1mm to						
	5mm common throughout						
	• negligible pyrite						
51.31 – 55.95	MAFIC VOLCANIC FELDSPAR PORPHYRY	51.31-51.65	0.001				
	• fine grained, green, massive	51.65-52.65	0.001				
	• 10% chlorite clots 1mm to 2mm	52.65-53.65	0.001				
	• 5-10% plagioclase phenocrysts 1mm to	53.65-54.65	0.001				
	2mm	54.65-55.65	0.001				
	• trace pyrite	55.65-55.95	0.001				
	• quartz and calcite veins 1mm wide						
	at 20°, 45° and parallel to the core						
	axis						

N. M. P. - FORM A

PROPERTY.....

HOLE NUMBER L2

SHEET NUMBER 6

SECTION FROM..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.....
DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING.....
DIP.....

STARTED.....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
55.95 - 57.30	MAFIC VOLCANIC FELDSPAR PORPHYRY	55.95-56.95	0.001				
	• chilled contact at 45° to the core axis at 55.95						
	• greenish-grey, massive						
	• 30% plagioclase phenocrysts up to 3mm - mostly anhedral with some euhedral						
	• 3% chlorite clots up to 1mm						
	• trace pyrite						
	• epidote filled fractures at 10° to the core axis						
	• epidote and quartz veins up to 5mm in width at 45° to the core axis						
	56.95 - 57.30	56.95-57.30	0.001				
	• bleached out						
	• epidote and calcite in the matrix						
	• 5mm calcite vein						
	• 56.95 - 57.05 - broken up core, fault gouge						

N.M.P.-FORM A

PROPERTY .....

HOLE NUMBER L2

SHEET NUMBER 7

SECTION FROM ..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT. .....
DEP. .....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....
DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
57.30 - 57.68	QUARTZ VEIN	57.30-57.68	0.068				
	• contact at 45° to the core axis						
	• crystalline quartz						
	• drusy quartz in the cavities						
	• inclusions of chloritized and epidotized mafic volcanics (wall rock)						
	• up to 1% pyrite as 2 mm clusters of tiny cubes						
	• fine calcite present as vein material with quartz at 57.61 - 57.66						
57.68 - 57.80	MAFIC VOLCANIC	57.68-57.80	0.001				
	• fine grained, buff						
	• bleached out						
	• epidote and calcite matrix						
	• same as 56.95 - 57.30						
57.80 - 57.85	QUARTZ / CALCITE VEIN	57.80-57.85	0.001				
	• coarse calcite rhombs						

N. M. P. - FORM A

PROPERTY

HOLE NUMBER L2

SHEET NUMBER 8

SECTION FROM ____ TO ____

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT. DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
57.85 - 62.18	MAFIC VOLCANIC FELDSPAR PORPHYRY	57.85-58.85	0.001				
	• green, massive	58.85-59.85	0.001				
	• 10-15% chlorite clots up to 2 mm	59.85-60.85	0.001				
	• poorly formed plagioclase phenocrysts up to 2mm	60.85-61.95	0.001				
	• quartz and epidote veins 1mm to 2mm in width						
	61.95 - 62.18	61.95-62.18	0.001				
	• fine grained, massive						
	• bleached out						
	• epidote and chlorite						
62.18 - 62.54	PORPHYRITIC AMYGDALOIDAL MAFIC VOLCANIC	62.18-62.54	0.001				
	• green, massive						
	• plagioclase phenocrysts up to 8mm - euhedral to anhedral						
	• 2% chlorite clots 1mm in size						
	• trace disseminated pyrite						

N.M.P.-FORM A

PROPERTY .....

HOLE NUMBER L2

SHEET NUMBER 9

SECTION FROM ..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT. .....
DEP. .....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....
DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
62.54 - 62.62	QUARTZ/EPIDOTE ZONE	62.54-62.62	0.001				
	• very fine grained						
	• irregular masses						
62.62 - 64.15	PORPHYRITIC AMYGDALOIDAL MAFIC VOLCANIC	62.62-63.15	0.001				
	• green, massive	63.15-64.15	0.001				
	• 5% chlorite clots up to 1mm in size						
	• few phenocrysts of plagioclase						
	• amygdules filled with epidote						
	• hairline fractures filled with quartz/epidote						
	• siliceous						
	• trace pyrite						
	• hematite staining						
64.15 - 65.87	MAFIC VOLCANIC BRECCIA	64.15-65.15	0.001				
	• fragments with alteration rings of epidote,	65.15-65.87	0.001				
	chlorite, clays and calcite						
	• pale blue clays						
	• chlorite clots within the fragments						
	• quartz/epidote in amygdules						
	• trace pyrite						

N.M.P.-FORM A

PROPERTY.....

HOLE NUMBER L.2

SHEET NUMBER 10

SECTION FROM..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.....
DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING.....
DIP.....

STARTED.....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
65.87 - 66.45	PORPHYRITIC AMYGDALOIDAL MAFIC VOLCANIC	65.87-66.45	0.001				
	• green to purple because of hematite						
	• massive						
	• occasional plagioclase phenocryst up to 8mm						
	• 2mm wide quartz and calcite veins at 20°, 10° and 70° to the core axis						
	• amygdules rare – filled with epidote when present						
	• chlorite clots up to 1mm						
	• trace pyrite						
	End of hole						

N.M.P.-FORM A

PROPERTY WICK CLAIMS

HOLE NUMBER L3

SHEET NUMBER 1

SECTION FROM ..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LUCKY GRID
70.7N 29.7E

ELEVATION OF COLLAR 142 m

DATUM

DIRECTION AT START: BEARING 267°
DIP 45°, 41° at end

STARTED June 29, 1985

COMPLETED July 1, 1985

ULTIMATE DEPTH 38.40 m

PROPOSED DEPTH 34.00 m

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
0 – 2.00	OVERBURDEN						
	• fragments of quartz feldspar porphyry with chloritized mafics and epidotized plagioclase						
2.00 – 11.96	QUARTZ FELDSPAR PORPHYRY	7.25-8.25	0.001				
	• light grey, massive	8.25-8.61	0.001				
	• 30% plagioclase phenocrysts up to 4mm – fairly fresh anhedral crystals						
	• 3-5% quartz eyes up to 3mm						
	• 5% chloritized mafic minerals						
	• fractures at 15° and 35° to the core axis						
	• trace pyrite						
	8.61 – 9.42						
	• 30-40% chlorite after plagioclase and mafics						
	• epidotized matrix						
	• fractures at 35° filled with calcite and hematite						

N.M.P.-FORM A

PROPERTY .....

HOLE NUMBER L3

SHEET NUMBER 2

SECTION FROM ..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT. .....
DEP. .....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....
DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	• trace pyrite						
	9.42 - 9.94						
	• green, massive, chloritized						
	• poorly formed phenocryst up to 2mm						
	• at 9.94 contact at 40° to the core axis in a fracture filled with calcite and hematite						
	• one inclusion of fine grained mafic rock						
	• 1% pyrite associated with fractures						
	9.94 - 11.96	9.94-10.94	0.001				
	• fine grained, massive, green						
	• white specs throughout						
	• hairline fractures filled with calcite						
	• 1% pyrite associated with fractures						
	• weakly magnetic						

N. M. P. - FORM A

PROPERTY .....

HOLE NUMBER L3

SHEET NUMBER 3

SECTION FROM ..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT. .....
DEP .....

STARTED .....

ELEVATION OF COLLAR .....

COMPLETED .....

DATUM .....

ULTIMATE DEPTH .....

DIRECTION AT START: BEARING .....
DIP .....

PROPOSED DEPTH .....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
11.96 - 13.46	MAFIC VOLCANIC BRECCIA	12.78-13.46	0.001				
	• green						
	• fragmented						
	• amygdules filled with quartz						
	• at 12.00 fracture with slickensides – fault at 45° to the core axis						
	• 1mm wide calcite/hematite veins parallel the fracture						
	• 1% pyrite associated with veins						
13.46 - 14.06	FELDSPAR PORPHYRY	13.46-14.06	0.001				
	• dark green						
	• 20-30% plagioclase laths up to 4mm						
	• fractures at 45° to the core axis filled with quartz						
	• also fractures with irregular attitudes						
	• trace pyrite						
	• weakly magnetic						

N.M.P.-FORM A

PROPERTY.....

HOLE NUMBER L3

SHEET NUMBER 4

SECTION FROM..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.....
DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING.....
DIP.....

STARTED.....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
14.06 - 16.16	MAFIC VOLCANIC BRECCIA						
	• green						
	• fragments with alteration rings of clays, epidote, chlorite						
	• locally hematite present						
	• amygdules filled with quartz and epidote						
16.16 - 27.20	AUGITE FELDSPAR PORPHYRY						
	• dark green matrix						
	• 30 - 50% plagioclase phenocrysts up to 5mm - euhedral to anhedral						
	• some plagioclase phenocrysts appear epidotized						
	• 15% chlorite after augite phenocrysts						
	• fine fractures filled with quartz contain trace up to 1% pyrite						
	16.74 - 17.10						
	• block or a thin flow of porphyritic amygdaloidal mafic volcanic						

N.M.P.-FORM A

PROPERTY

HOLE NUMBER L3

SHEET NUMBER 5

SECTION FROM ____ TO ____

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT. DEP

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	18.59 – 18.92						
	• extremely broken core – fault?						
	• extremely sheared mafic rock – possibly porphyry						
	• lots of epidote and chlorite						
	• at 18.73 1cm wide quartz vein at 45° to the core axis						
	19.87 – 26.67	25.67-26.67	0.001				
	• occasional 5mm wide calcite vein at 65° to the core axis – some hematite						
	26.86 – 27.20						
	• epidotized, bleached out section	26.86-27.20	0.001				
27.20-27.34	CALCITE VEIN	27.20-27.34	0.001				
	• bleached wall rock inclusions						
	• fault gauge at 27.26 m at 45° to the core axis						

N. M. P. - FORM A

PROPERTY.....

HOLE NUMBER L3

SHEET NUMBER 6

SECTION FROM ..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.....
DEP.....

STARTED.....

ELEVATION OF COLLAR.....

COMPLETED.....

DATUM.....

ULTIMATE DEPTH.....

DIRECTION AT START: BEARING.....
DIP.....

PROPOSED DEPTH.....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
27.34 - 28.84	AUGITE FELDSPAR PORPHYRY	27.34-27.93	0.001				
	• same as 16.16 – 27.20	27.93-28.39	0.054				
	• 1% pyrite						
	• 1 mm wide quartz veins						
	• broken core at 28.0 m – fault?						
	28.39 - 28.84	28.39-28.84	0.001				
	• epidotized plagioclase						
28.84-28.95	QUARTZ VEIN	28.84-28.95	0.001				
	• contact at 80° to the core axis						
	• 1% pyrite						
28.95 - 31.97	AUGITE FELDSPAR PORPHYRY	28.95-29.86	0.001				
	• same as 16.16 - 27.20	29.86-30.86	0.001				
	• at 28.95 slickensides on the fragmented core – fault	30.86-31.86	0.001				
	• also broken core with slickensides at 31.86						
	• 1% pyrite						
	• 5 mm wide quartz vein at 31.86						

N.M.P. - FORM A

PROPERTY.....

HOLE NUMBER L3

SHEET NUMBER 7

SECTION FROM..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.....
DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING.....
DIP.....

STARTED.....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	31.86 – 31.97						
	• bleached out – epidote, chlorite, clay, calcite	31.86-31.97	0.001				
	• some calcite veining						
31.97 - 32.36	QUARTZ VEIN	31.97-32.36	0.832				
	• inclusions of chloritized wallrock						
	• some calcite with quartz						
	• 1% pyrite						
32.36-32.81	AUGITE FELDSPAR PORPHYRY	32.36-32.81	0.001				
	• extremly bleached out						
	• very fine grained – epidotized						
	• trace pyrite						
32.81 - 38.40	MAFIC VOLCANIC BRECCIA	32.81-33.81	0.001				
	• green	33.81-34.81	0.001				
	• fragments with alteration rings of epidote, clays, chlorite	34.81-35.81	0.001				
		35.81-36.81	0.001				
	• epidotized plagioclase phenocrysts	36.81-37.76	0.001				
	• fragments of amygdaloidal mafic volcanic with hematite staining	37.76-38.40	0.001				

N.M.P.-FORM A

PROPERTY

HOLE NUMBER L3

SHEET NUMBER 8

SECTION FROM ____ TO ____

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.

DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING

DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	• at 36.00 fault gauge						
	• at 37.76 1cm wide quartz vein						
	End of hole						

N. M. P. - FORM A

PROPERTY WICK CLAIMS

HOLE NUMBER L4

SHEET NUMBER 1

SECTION FROM ..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LUCKY GRID 70.7N 29.7E

ELEVATION OF COLLAR 142 m

DATUM .....

DIRECTION AT START: BEARING 267° DIP 61°, 59° at end

STARTED July 1, 1985

COMPLETED July 3, 1985

ULTIMATE DEPTH 52.60 m

PROPOSED DEPTH 48.00 m

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
0 - 1.44	OVERBURDEN						
	• pebbles of quartz feldspar porphyry						
1.44 - 12.90	QUARTZ FELDSPAR PORPHYRY	3.96-4.96	0.001				
	• light grey, massive						
	• 30-40% plagioclase phenocrysts up to 5mm - poorly formed but fairly fresh						
	• 10% chlorite clots up to 3mm, 3% quartz eyes						
	• epidote along fracture surfaces						
	• trace pyrite						
	7.01 - 7.40						
	• broken up core with slickensided fractures at 10° to the core axis						
	8.53 - 8.83						
	• slickensides at 40° to the core axis - fragmented core						
	• occasional quartz vein up to 1mm in width at 40° to the core axis						
	• also fractures subparallel to the core axis						

N.M.P.-FORM A

PROPERTY

HOLE NUMBER L4

SHEET NUMBER 2

SECTION FROM ____ TO ____

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT. ____ DEP. ____

ELEVATION OF COLLAR ____

DATUM ____

DIRECTION AT START: BEARING ____ DIP ____

STARTED ____

COMPLETED ____

ULTIMATE DEPTH ____

PROPOSED DEPTH ____

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	9.70 - 12.90						
	• fine grained, dark green, massive						
	• at 12.40 epidote alteration around 2-3mm wide quartz veins with some hematite in the veins						
	• quartz veins have irregular attitudes						
	• trace pyrite						
12.90 - 14.60	MAFIC VOLCANIC BRECCIA	13.60 - 14.60	0.001				
	• green, massive						
	• 1-2 mm wide irregular quartz veins with some hematite						
	• alteration rings of epidote, clays, chlorite, calcite						
	• some fragments contain occasional amygdules filled with epidote						
	• locally hematite						
14.60 - 27.04	AUGITE FELDSPAR PORPHYRY						
	• green, massive						
	• 50-60% plagioclase phenocrysts up to						

N. M. P. - FORM A

PROPERTY

HOLE NUMBER L4

SHEET NUMBER 3

SECTION FROM ____ TO ____

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT. DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	4mm - anhedral to euhedral						
	• 20% chlorite clots up to 5 mm possibly after augite						
	• thin quartz veinlets						
	• magnetic						
	• some sections are less porphyritic						
	15.50 - 16.00						
	• mafic volcanic breccia						
	• hematite staining						
	• up to 1mm wide quartz veins						
	• trace pyrite						
	16.00 - 16.37	16.00-16.37	0.001				
	• porphyritic amygdaloidal mafic volcanic	22.77-23.77	0.001				
27.04 - 31.43	MAFIC VOLCANIC BRECCIA	28.75-29.34	0.001				
	• green to purple because of hematite	29.34-30.34	0.001				
	• fragments have alteration rings of pale blue clays	30.34-31.43	0.001				
	• 70% mafic volcanic fragments						

N.M.P.-FORM A

PROPERTY

HOLE NUMBER L4

SHEET NUMBER 4

SECTION FROM ____ TO ____

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT

DEP

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING

DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	• chlorite clots						
	• 3mm wide quartz veins at 45° to the core axis						
	• trace pyrite						
31.43 – 32.10	MAFIC VOLCANIC	31.43 – 31.75	0.001				
	• fine grained, bleached buff						
	• massive						
	• possible plagioclase phenocrysts up to 1mm altered to epidote						
	• trace pyrite						
	31.75 – 32.10	31.75 – 32.10	0.001				
	• in addition has 15-20% chlorite clots up to 3mm						
32.10 – 32.75	QUARTZ / CALCITE VEIN	32.10 – 32.75	0.001				
	• sheared and slickensided						
	• fault gauge at 32.20 at 45° to the core axis						
	• wall rock inclusions						

N. M. P. - FORM A

PROPERTY.....

HOLE NUMBER L4

SHEET NUMBER 5

SECTION FROM..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.....
DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING.....
DIP.....

STARTED.....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	• trace to 2% pyrite						
32.75 - 36.20	MAFIC VOLCANIC	32.75-33.25	0.001				
	• fine grained, buff						
	33.25 - 35.87	33.25-34.44	0.001				
	• 30% chlorite clots	34.44-35.44	0.001				
	• 1cm calcite vein at 33.60	35.44-35.87	0.001				
	• also 1mm quartz veins at 45° to the core axis						
		35.87-36.10	0.001				
	36.10-36.20	36.10-36.20	0.001				
	• 10% chlorite clots						
36.20-37.44	MAFIC VOLCANIC BRECCIA	36.20-36.27	0.001				
	• epidotized fragments and matrix	36.27-37.44	0.001				
	• hematite staining						
	• occasional plagioclase phenocrysts and quartz filled amygdules						
	• trace pyrite						

N.M.P.-FORM A

PROPERTY.....

HOLE NUMBER L4

SHEET NUMBER 6

SECTION FROM..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.....
DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING.....
DIP.....

STARTED.....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
37.44 – 37.65	QUARTZ/CALCITE VEINS	37.44-37.65	0.015				
	• wall rock inclusions						
	• fault gauge at 37.55 m at 45° to the core axis						
	• trace pyrite						
37.65 – 52.60	MAFIC VOLCANIC BRECCIA	37.65-38.42	0.001				
	• fragments with alteration rings of pale blue clays, epidote, calcite	38.42-39.00	0.001				
		39.00-40.00	0.001				
	• some quartz filled amygdules in large fragments or thin flows	40.00-41.00	0.001				
		41.00-42.00	0.001				
	• quartz vein 2cm wide at 52.36	42.00-43.00	0.001				
		43.00-44.00	0.001				
		44.00-45.00	0.001				
		45.00-46.00	0.002				
		46.00-47.00	0.001				
		47.00-48.00	0.002				
		48.00-49.00	0.001				
		49.00-50.00	0.001				
		50.00-51.00	0.001				
	End of hole	51.00-52.00	0.001				
		52.00-52.60	0.001				

N.M.P.-FORM A

PROPERTY WICK CLAIMS

HOLE NUMBER L 5

SHEET NUMBER 1

SECTION FROM ____ TO ____

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LUCKY GRID
70.7 N 29.7 E

ELEVATION OF COLLAR 142 m

DATUM

DIRECTION AT START: BEARING 294°
DIP 45°, 42° at end

STARTED July 3, 1985

COMPLETED July 4, 1985

ULTIMATE DEPTH 48.16 m

PROPOSED DEPTH 45.00 m

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
0 - 0.40	OVERBURDEN						
	• boulders of quartz feldspar porphyry						
0.40 - 21.58	QUARTZ FELDSPAR PORPHYRY	15.24-16.24	0.001				
	• light grey, massive						
	• 30-40% plagioclase phenocrysts up to 5mm, poorly formed - partly epidotized						
	• 5% quartz eyes up to 2mm						
	• 5-10% chloritized mafics						
	• occasional xenolith of diorite						
	• fractures at 10° and 25° to the core axis						
	• trace pyrite						
21.58 - 25.26	PORPHYRITIC AMYGDALOIDAL MAFIC VOLCANIC						
	• very fine grained greyish-green matrix, massive						
	• amygdules up to 1cm filled with epidote and quartz						
	• hairline fractures filled with calcite						
	• trace to 1% pyrite in the fractures						
	• locally sheared						

N.M.P. - FORM A

PROPERTY.....

HOLE NUMBER L5

SHEET NUMBER 2

SECTION FROM ..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT. .....
DEP. .....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....
DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
25.26 - 27.05	MAFIC VOLCANIC BRECCIA						
	• fragments with alteration rings of pale blue clays						
	• black chlorite clots						
	• some hematite staining						
	• chlorite, epidote and calcite in the matrix						
	• thin fractures (< 1 mm wide) filled with calcite						
	• trace pyrite						
	26.47 - 27.05	26.47-27.05	0.001				
	• bleached out buff						
	• epidote and calcite in the matrix						
27.05-27.25	QUARTZ / CALCITE VEINS	27.05-27.25	0.005				
	• contacts at 45° to the core axis						
	• fault gauge at 27.12 m						
	• 5 veins with wallrock over 20 cm						
	• 1% pyrite						

PROPERTY.....

HOLE NUMBER L5

SHEET NUMBER 3

SECTION FROM..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.....
DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING.....
DIP.....

STARTED.....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
27.25 - 29.59	MAFIC VOLCANIC BRECCIA	27.25-27.91	0.001				
	• same as 26.47 - 27.05	27.91-28.37	0.001				
	• 1mm to 2mm quartz veins with irregular attitudes						
	• irregular quartz masses						
	• hematite locally						
	• up to 1% pyrite						
	28.37 - 29.59	28.37-29.59	0.001				
	• irregular quartz and calcite veins up to 5mm in width						
	• chlorite clots						
	• trace pyrite						
29.59 - 29.87	CALCITE / QUARTZ VEIN	29.59-29.87	0.012				
	• irregular contacts but average at 45° to the core axis						
	• trace to 1% pyrite						

N.M.R. - FORM A

PROPERTY .....

HOLE NUMBER L5

SHEET NUMBER 4

SECTION FROM ..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT. .....
DEP. .....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....
DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
29.87-30.40	MAFIC VOLCANIC BRECCIA	29.87-30.40	0.001				
	• same as 28.37-29.59						
	• broken up core between 29.92 and 30.08						
	• fault at 30° to the core axis						
	• 1% pyrite along fractures						
30.40 - 35.13	FELDSPAR PORPHYRY	30.40-31.40	0.001				
	• fine to medium grained, light green	31.40-32.40	0.001				
	• 30% epidotized plagioclase phenocrysts	32.40-33.40	0.001				
	up to 2mm - all poorly formed, anhedral	33.40-34.40	0.001				
	• irregular fractures up to 1mm filled with	34.40-35.13	0.001				
	calcite						
	• trace pyrite						
35.13-35.44	CALCITE VEINS	35.13-35.44	0.001				
	• bleached out wall rock						
	• at 35.38 fault gauge						
	• contacts at approximately 50° to the core						
	axis						
	• trace to 1% pyrite						

N. M. P. - FORM A

PROPERTY.....

HOLE NUMBER L5

SHEET NUMBER 5

SECTION FROM..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.....
DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING.....
DIP.....

STARTED.....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
35.44 - 36.63	MAFIC VOLCANIC	35.44-36.63	0.001				
	• fine grained, dark green, massive						
	• 10% chlorite clots up to 1mm						
	• poorly formed plagioclase crystals up to 1mm						
	• irregular fractures filled with calcite						
	• trace to 1% pyrite						
36.63-48.16	MAFIC VOLCANIC BRECCIA	36.63-37.63	0.001				
	• fragments with alteration rings of pale blue	37.63-38.63	0.001				
	clays, chlorite, epidote	38.63-39.63	0.001				
	• sections of porphyritic amygdaloidal	39.63-40.63	0.001				
	mafic volcanic - fragments or thin flows	40.63-41.63	0.001				
	• occasional euhedral plagioclase up to	41.63-42.63	0.001				
	1 cm	42.63-43.63	0.001				
	• amygdules up to 2cm filled with quartz	43.63-44.63	0.001				
	and epidote	44.63-45.63	0.001				
	• hematite locally	45.63-46.63	0.001				
	• chlorite clots	46.63-47.63	0.001				
	• trace pyrite	47.63-48.16	0.001				
	End of hole						

N.M.P.-FORM A

PROPERTY WICK CLAIMS

HOLE NUMBER L6

SHEET NUMBER 1

SECTION FROM ____ TO ____

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LUCKY GRID
33.1N 25.6E

ELEVATION OF COLLAR 128.2 m

DATUM

DIRECTION AT START: BEARING 270°
DIP 45°, 44° at end

STARTED July 4, 1985

COMPLETED July 5, 1985

ULTIMATE DEPTH 30.48 m

PROPOSED DEPTH 25.00 m

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t
0 - 3.27	OVERBURDEN		
	• fragments of mafic volcanic and granitic rocks		
3.27 - 4.12	MAFIC VOLCANIC BRECCIA		
	• fine grained greenish matrix		
	• epidotized and chloritized plagioclase phenocrysts up to 5mm occur after first 20 cm of fine grained rock		
	• concentric alteration rings around fragments consisting most likely of clays		
	• 1mm wide quartz veins with irregular attitudes		
	• dark chlorite clots up to 5mm - some euhedral after augite?		
	• slickensided at 3.96 m		
	• trace pyrite		
4.12 - 10.90	FELDSPAR PORPHYRY	9.90 - 10.90	0.001
	• light green, massive		
	• 5-10% anhedral plagioclase up to 1mm		
	• irregular chlorite clots up to 1mm		

N.M.P.-FORM A

PROPERTY.....

HOLE NUMBER L6

SHEET NUMBER 2

SECTION FROM..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.....
DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING.....
DIP.....

STARTED.....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	• fractures at 10° and 25°						
	• at 10.90 sheared contact at 35° to the core axis						
	• trace pyrite						
10.90 – 12.15	MAFIC VOLCANIC	10.90 – 11.15	0.001				
	• fine grained, green, massive, calcareous	11.15 – 12.15	0.001				
	• 10% chlorite clots up to 3mm						
	• white specs less than 0.1 mm						
	• irregular masses of quartz						
	• fractures up to 1mm in width filled with calcite and quartz						
	• 1% disseminated pyrite often associated with chlorite clots						
12.15 – 12.80	MAFIC VOLCANIC BRECCIA	12.15 – 12.80	0.001				
	• fragments with alteration rings						
	• pale matrix – lots of clays						
	• irregular quartz veins 1mm wide						
	• trace to 1% disseminated pyrite						
	• 12.60 – 12.80 – broken up core – shear or fault						

PROPERTY .....

HOLE NUMBER L6

SHEET NUMBER 3

SECTION FROM ..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT. .....
DEP. .....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....
DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
12.80 - 12.90	QUARTZ VEIN	12.80 - 12.90	0.918				
	• includes wall rock						
	• 1% pyrite						
12.90 - 13.80	MAFIC VOLCANIC	12.90 - 13.80	0.010				
	• fine grained, green, massive						
	• 2cm wide calcite vein at 13.30						
	• 1cm wide calcite vein at 13.56						
	• vein contacts are at 45° to the core axis						
	• 1% disseminated pyrite						
	• bleached out rock next to the veins						
13.80 - 14.00	QUARTZ / CALCITE VEIN	13.80 - 14.00	0.257				
	• includes wallrock						
	• trace disseminated pyrite						
	• contacts at 45° to the core axis						
14.00 - 23.28	MAFIC VOLCANIC	14.00 - 15.00	0.001				
	• fine grained, green, massive	15.00 - 16.00	0.001				
	• rare anhedral plagioclase up to 1mm	16.00 - 17.00	0.001				
	• 1mm - 2mm wide quartz veins	17.00 - 18.00	0.001				

PROPERTY.....

HOLE NUMBER L6

SHEET NUMBER 4

SECTION FROM..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.....
DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING.....
DIP.....

STARTED.....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	• trace to 1% disseminated pyrite	18.00 - 19.00	0.001				
		19.00 - 20.00	0.001				
		20.00 - 21.00	0.001				
		21.00 - 22.00	0.001				
		22.00 - 23.00	0.001				
		23.00 - 23.28	0.001				
23.28 - 23.50	ZONE OF CALCITE VEINS	23.28-23.50	0.001				
	• 5mm wide veins at 45° to the core axis						
	• 1% disseminated pyrite in the wallrock						
23.50 - 25.50	MAFIC VOLCANIC						
	• same as 14.00 - 23.28 but calcareous						
	• occasional calcite veins 1mm to 3mm						
	• chilled contact at 25.50 at 45° to the core axis						
25.50 - 30.48	MAFIC VOLCANIC						
	• very fine grained, dark green						
	• 3% anhedral plagioclase up to 1mm						
	• 5mm calcite vein at 45° to the core axis						
	• trace pyrite						

N. M. P. - FORM A

PROPERTY.....

HOLE NUMBER L6

SHEET NUMBER 5

SECTION FROM ..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.....
DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING.....
DIP.....

STARTED.....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	26.66 - 27.24						
	• calcareous						
	• occasional 2mm wide calcite vein at 45° to the core axis						
	• at 27.24 slickensides — fault or shear						
	27.24 - 27.30						
	• 2mm calcite veins with epidotized fine grained rock						
	• 3% disseminated pyrite along fractures						
	27.30 - 30.48						
	• not as calcareous						
	• irregular calcite veins up to 2 mm wide						
	• at 29.42 1cm epidote vein at 45° to the core axis						
	• trace disseminated pyrite						
	End of hole						

N.M.P.-FORM A

PROPERTY WICK CLAIMS

HOLE NUMBER L7

SHEET NUMBER 1

SECTION FROM ____ TO ____

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LUCKY GRID
33.1 N 25.6 E

ELEVATION OF COLLAR 128.2 m

DATUM

DIRECTION AT START: BEARING 270°
DIP 57°, 55° at end

STARTED July 6, 1985

COMPLETED July 7, 1985

ULTIMATE DEPTH 36.58 m

PROPOSED DEPTH 28.00 m

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
0 - 3.38	OVERBURDEN						
	• fragments of fine grained mafic rock						
3.38 - 10.12	MAFIC VOLCANIC BRECCIA						
	• green, massive						
	• fine grained matrix						
	• fragments with concentric alteration rings						
	• 1 mm wide fractures filled with quartz						
	• 2 mm wide quartz veins at 50° to the core axis						
	• trace pyrite						
	• occasional amygdule filled with quartz and epidote						
	5.37 - 6.01	5.37 - 6.01	0.001				
	• amygdaloidal mafic volcanic as a block or a thin flow	7.21 - 8.21	0.001				
	• hematite						
	8.21 - 9.12	8.21 - 9.12	0.001				
	• same as 5.37 - 6.01						

N.M.P.-FORM A

PROPERTY

HOLE NUMBER 47

SHEET NUMBER 2

SECTION FROM ... TO ...

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT ... DEP ...

ELEVATION OF COLLAR ...

DATUM ...

DIRECTION AT START: BEARING ... DIP ...

STARTED ...

COMPLETED ...

ULTIMATE DEPTH ...

PROPOSED DEPTH ...

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	• amygdules up to 3cm filled with quartz and epidote						
	• 1mm to 2mm quartz veins at 45° to the core axis – also irregular attitude						
	9.12 - 10.12	9.12 - 10.12	0.001				
	• pale blue clays around fragments						
	• chlorite after euhedral to anhedral augite?						
	• at 9.40 broken up rock – fault or shear?						
10.12 - 15.93	MAFIC VOLCANIC	10.12 - 11.12	0.001				
	• fine grained, greyish-green, massive	11.12 - 12.12	0.001				
	• epidote, chlorite and calcite	12.12 - 13.12	0.001				
	• locally hematite	13.12 - 14.12	0.001				
	• 10% chlorite clots up to 2mm	14.12 - 15.12	0.001				
	• fractures at 25° to the core axis with 1mm - 3mm wide quartz and calcite veins	15.12 - 15.93	0.007				

PROPERTY

HOLE NUMBER L7

SHEET NUMBER 3

SECTION FROM ____ TO ____

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT. ____ DEP ____

ELEVATION OF COLLAR ____

DATUM ____

DIRECTION AT START: BEARING ____ DIP ____

STARTED ____

COMPLETED ____

ULTIMATE DEPTH ____

PROPOSED DEPTH ____

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
15.93 - 16.15	QUARTZ VEIN	15.93 - 16.15	0.001				
	• irregular contact						
	• chloritized wallrock inclusions						
	• at 16.09 fault gauge and broken vein at 30° to the core axis						
16.15 - 17.98	MAFIC VOLCANIC	16.15 - 17.15	0.003				
	• bleached buff	17.15 - 17.98	0.012				
	• fine grained, massive						
	• quartz veins up to 5 mm in width with irregular attitudes						
	• pyrite cubes trace to 1% locally						
	• lacks calcite in the matrix						
17.98 - 18.73	QUARTZ VEIN	17.98 - 18.73	1.680				
	• wallrock inclusions						
	• contact not well defined						
	• drusy quartz						
	• visible gold at 18.05 and 18.35 → sent to the laboratory for fire assay						

N.M.P.-FORM A

PROPERTY

HOLE NUMBER L7

SHEET NUMBER 4

SECTION FROM ..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT. DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
18.73 - 36.58	MAFIC VOLCANIC BRECCIA	18.73-19.73	0.016				
	• bleached buff (epidote, chlorite, clays, sericite)	19.73-20.73	0.001				
	• fragments with alteration rings	20.73-21.30	0.007				
	• some subhedral plagioclase phenocrysts up to 5 mm	21.30-21.52	0.001				
	• 1 mm wide quartz veins at 45° to the core axis						
	21.52 - 22.28	21.52-22.28	0.002				
	• fine grained, greyish-green, massive, siliceous	22.28-22.56	0.001				
	• a block or a thin flow	22.56-23.56	0.001				
	• occasional quartz filled amygdules up to 3 mm	23.56-24.42	0.001				
	• quartz veins 1 mm to 2 mm wide at 45° and 60° to the core axis						
	• up to 3% pyrite cubes in and around fractures						
	24.42 - 24.56	24.42-24.56	0.001				
	• abut 8 quartz veins 5 mm wide in this interval						

N. M. P. - FORM A

PROPERTY.....

HOLE NUMBER L7

SHEET NUMBER 5

SECTION FROM ..... TO .....

DIAMOND DRILL RECORD

FALCONBRIDGE LIMITED

LOCATION: LAT.....
DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING.....
DIP.....

STARTED.....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

METRES	DESCRIPTION	SAMPLE INTERVAL	AU oz/t				
	24.56 - 36.58	24.56-25.56	0.001				
	• same afic volcanic breccia	25.56-26.56	0.001				
	• intervals of hematitic amygdaloidal	26.56-27.56	0.001				
	mafic volcanics as blocks or	27.56-28.56	0.001				
	thin flows	28.56-29.56	0.001				
	• at 31.50 shear zone with 3mm calcite	29.56-30.56	0.001				
	vein at 30° to the core axis	30.56-31.56	0.001				
	• plagioclase phenocrysts altered to	31.56-32.56	0.001				
	epidote - up to 5mm	32.56-33.56	0.001				
	• 2 mm wide quartz vein at 45°	33.56-34.56	0.001				
	• only trace pyrite	34.56-35.56	0.001				
		35.56-36.58	0.002				
	End of hole						

N. M. P. - FORM A

LEGEND

7 — QUARTZ VEINS
- 7a Quartz vein
- 7b Calcite vein
- 7c Quartz/Calcite vein
- 7d Quartz/Epidote vein
- 7e Quartz stockwork

6 — DYKES
- 6a Diabase (fine to medium grained)
- 6b Mafic dyke (fine grained)

JURASSIC - TERTIARY INTRUSIONS

5 —
- 5a Granodiorite (medium grained, equigranular)
- 5b Porphyritic granodiorite
- 5c Feldspar porphyry
- 5d Quartz porphyry
- 5e Quartz feldspar porphyry
- 5f Diorite
- 5g Quartz diorite
- 5h Gabbro
- 5i Granite
- 5j Quartz monzonite

LOWER JURASSIC AND UPPER TRIASSIC

HAZELTON FORMATION
DACITIC TO ANDESITIC

4 —
- 4 Unsubdivided
- 4a Massive flow, fine grained
- 4b Amygdaloidal flow
- 4c Fragmental flow
- 4d Siliceous intermediate to felsic? flow (May not be part of Bonanza)
- 4e Tuff

PARSON BAY OR BONANZA FORMATIONS
SEDIMENTARY ROCKS (calcareous)

3 —
- 3a Argillite
- 3b Mudstone
- 3c Siltstone
- 3d Sandstone

UPPER TRIASSIC

QUATSINO FORMATION
LIMESTONE

2 —
- 2a Massive limestone
- 2b Thin-bedded, argillaceous limestone
- 2c Marble
- 2d Skarn

UPPER TRIASSIC AND OLDER

KARMUTSEN FORMATION
MAFIC METAVOLCANIC ROCKS (basalt to andesite)

1 —
- 1 Unsubdivided
- 1a Massive flow, fine grained
- 1b Pillowed flow
- 1c Porphyritic feldspar flow
- 1d Amygdaloidal flow
- 1e Porphyritic flow (chlorite after augite)
- 1f Monolithic flow (epidotized fragments)
- 1g Porphyritic quartz crystal flow
- 1h Breccia
- 1i Feldspar crystal tuff
- 1j Tuff
- 1k Lithic tuff
- 1l Fragmental flow (bombs, blocks and lithic fragments)

4811 Sample number

Shear zone or fault

Anticline

Bedding (inclined)

295/60 Strike direction/dipping to the right

5442 000 m N

5440 000 m N

5438 000 m N

5436 000 m N

5434 000 m N

5432 000 m N

328 000 m E

330 000 m E

332 000 m E

334 000 m E

TOQUART LAKE

TOQUART RIVER

TOQUART BAY

Kegash Mtn.

LUCKY VEIN

ELLSWICK

KITE LAKE

Creek

86223 KU CLAIM
86222 KW CLAIM

13387 KN CLAIM
08216 KY CLAIM

WICK CLAIM 81426
KW CLAIM 86219

86220 KZ CLAIM
86220 KY CLAIM

KT CLAIM 38232

KN3392 OYSTER 1 MCCLAIM

Hillier Island 50635 KS CLAIM

Snowden Island

Refuge Is.

PIPESTEM INLET

SAND

RECONNAISSANCE MAPPING

SCALE: 1:10000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,685

FALCONBRIDGE LIMITED

PROPERTY: WICK & K CLAIMS — PW 106

LOCATION: TOQUART BAY

TYPE OF MAP: GEOLOGY-WEST HALF

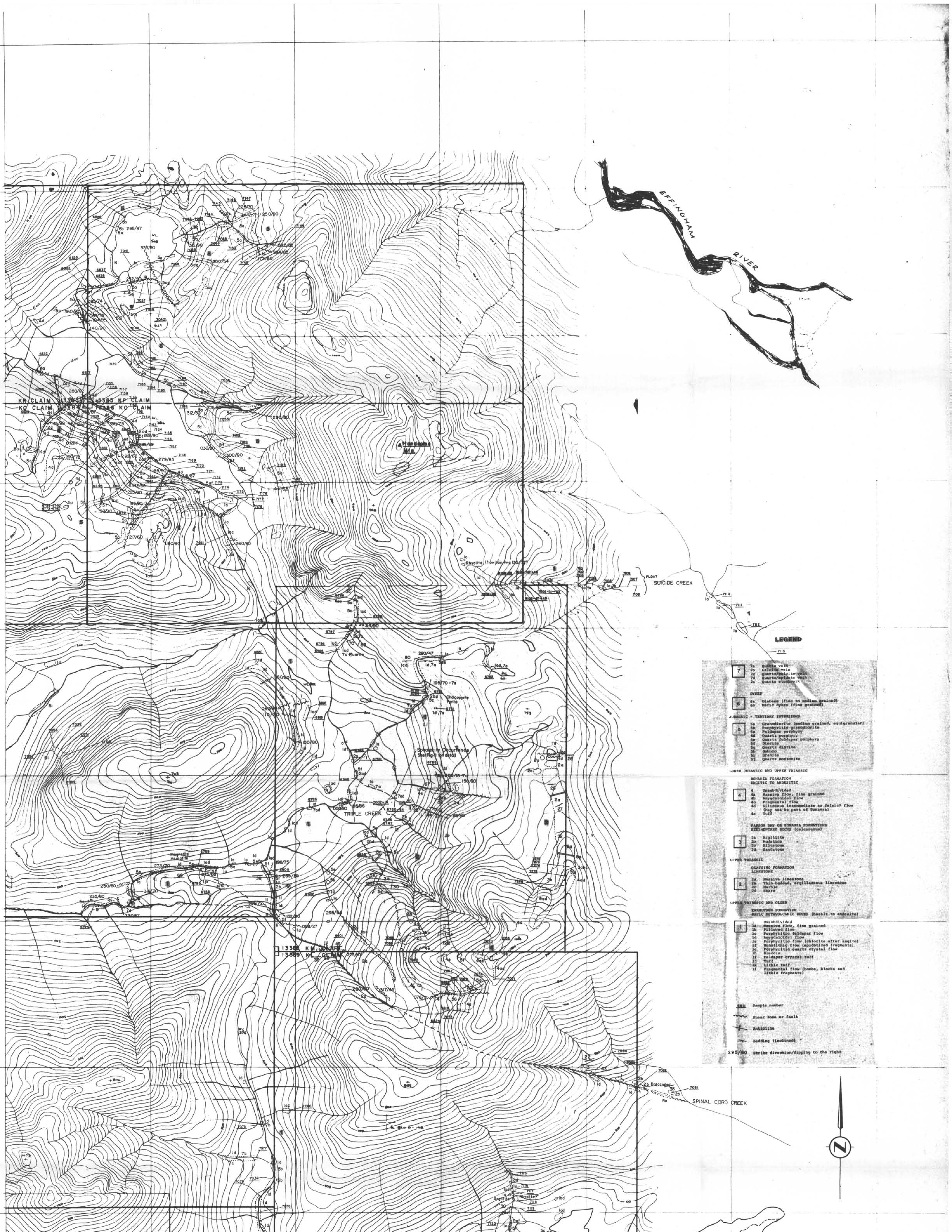
WORKING PLACE:

BASED ON: FIELDWORK 1985

DATE OF WORK: MAY-AUG. 1985 — MAP REF. NO.: — FIG. NO.: 8

DRAWN BY: J. ROUSE

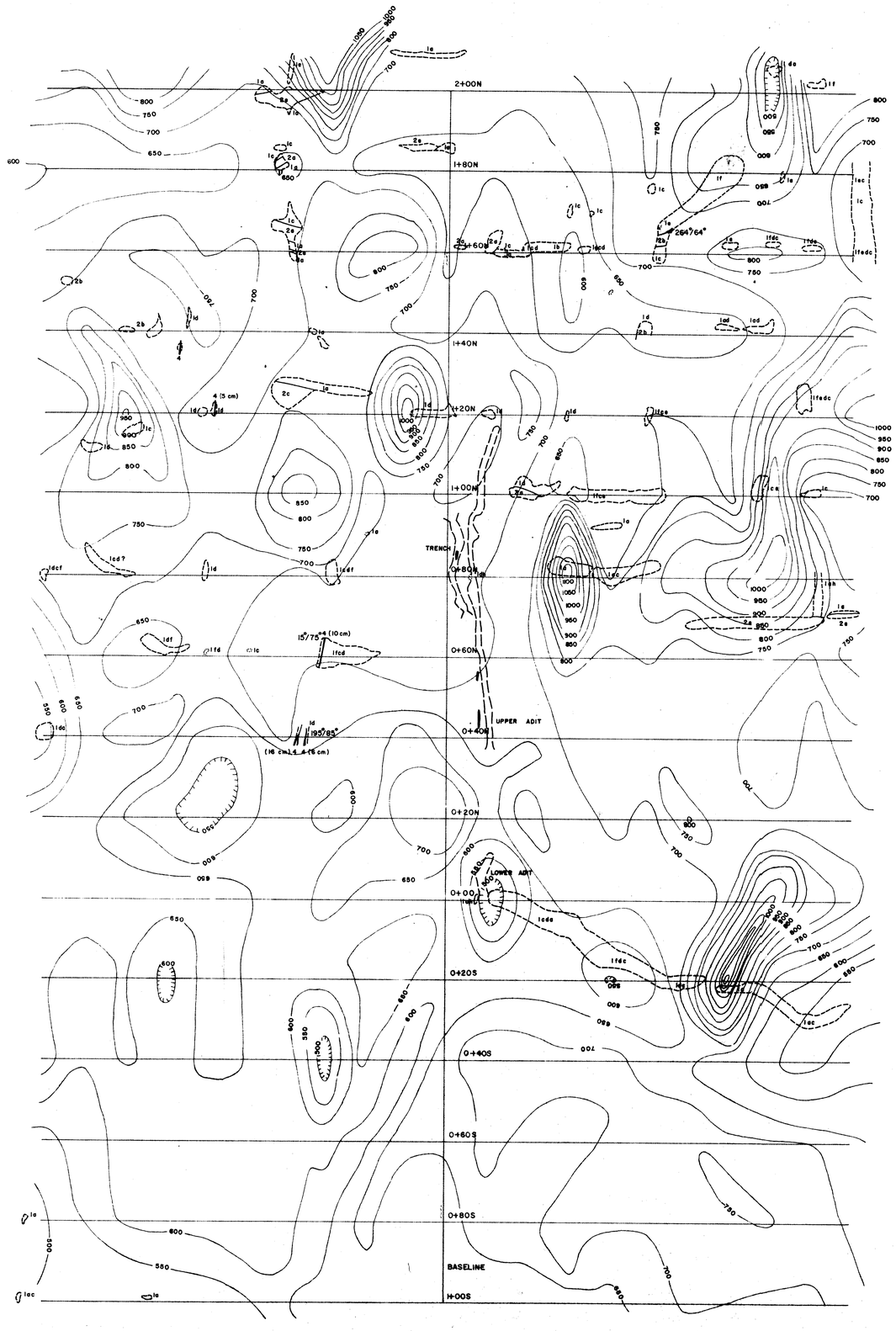
DATE: OCT. 1985 — N.T.S. NO.: 92 F/8



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,685

FALCONBRIDGE LIMITED		
PROPERTY: WICK & K CLAIMS	PN 108	
LOCATION: TOQUART BAY		
TYPE OF MAP: GEOLOGY - EAST HALF		
WORKING PLACE:		
BASED ON: FIELDWORK 1985		
DATE OF WORK: MAY-AUG. 1985	MAP REF. NO.:	FIG. NO.:
DRAWN BY: J. ROUSE		4
DATE: OCT. 1985	N.T.S. NO.: 92 F/3	



LEGEND

4 Quartz/calcite vein

3 Diabase

JURASSIC - TERTIARY INTRUSIONS

2 2a Granodiorite (equigranular)
2b Porphyritic granodiorite
2c Feldspar porphyry
2d Quartz porphyry
2e Quartz feldspar porphyry

UPPER TRIASSIC AND OLDER KARMUTSEN FORMATION

1 Undubdivided

1a Massive fine-grained flow
1b Pillowed flow
1c Porphyritic feldspar flow
1d Amygdaloidal flow
1e Porphyritic flow (chlorite after augite)
1f Monolithic flow (epidotized fragments)
1g Porphyritic quartz flow
1h Mafic volcanic breccia

SYMBOLS

NOTE: Datum = 55,000 gammas

650 magnetic contour interval in gammas

500 magnetic low

264°/64° strike direction / dipping to the right

outcrop

trench

adit

outcrop with geological contact

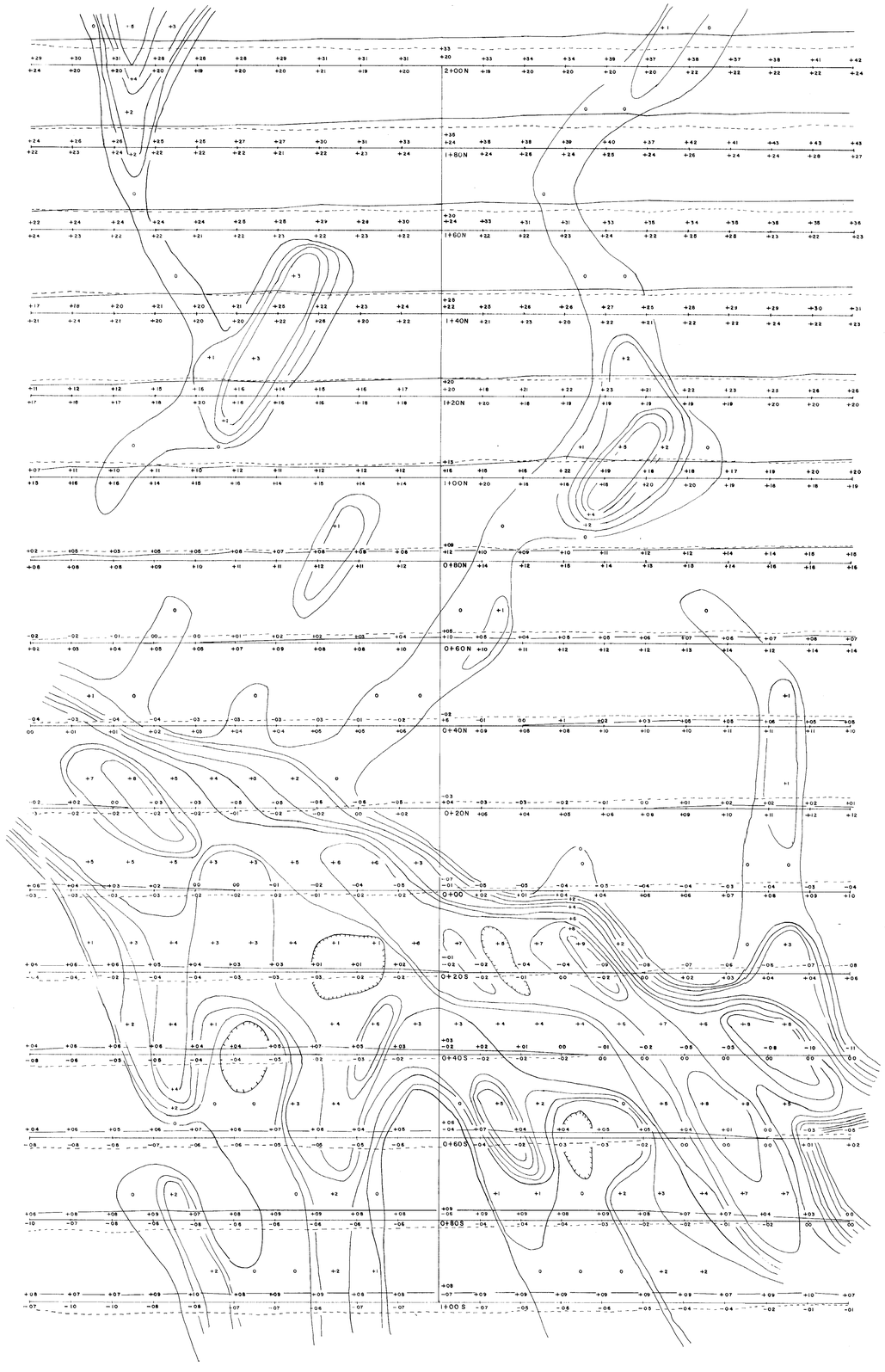
(10 cm) vein, vein width

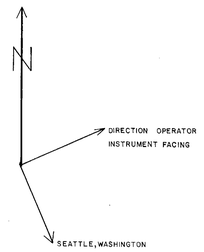
GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,685

SCALE 1:1000

FALCONBRIDGE LTD.	
PROPERTY: Wick Claims - Lucky Grid	PROJECT No.: 108
LOCATION: Toquart Bay	
TYPE OF MAP: Geology & Magnetometer Survey	
WORKING PLACE:	
BASED ON: [redacted]	
DATE OF WORK: [redacted]	MAP REF. NO.:
DRAWN BY: [redacted]	FIG. NO.: 5
DATE: [redacted]	N.T.S. NO.: [redacted]





RECEIVER: Geonics Ltd. VLF-E.M.16

TRANSMITTER: Seattle, Washington - NLK 18.6 KHz

+6 +8 +8 FRASER FILTERED VALUES

-05 -05 -08 -10 -11 TILT QUADRATURE
-03 -01 00 +01 +01

+4 Contoured fraser filtered values

Quadrature profile

Tilt profile

Contoured low

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,685

VERTICAL SCALE

40 20 0 40 60 120 DEGREES

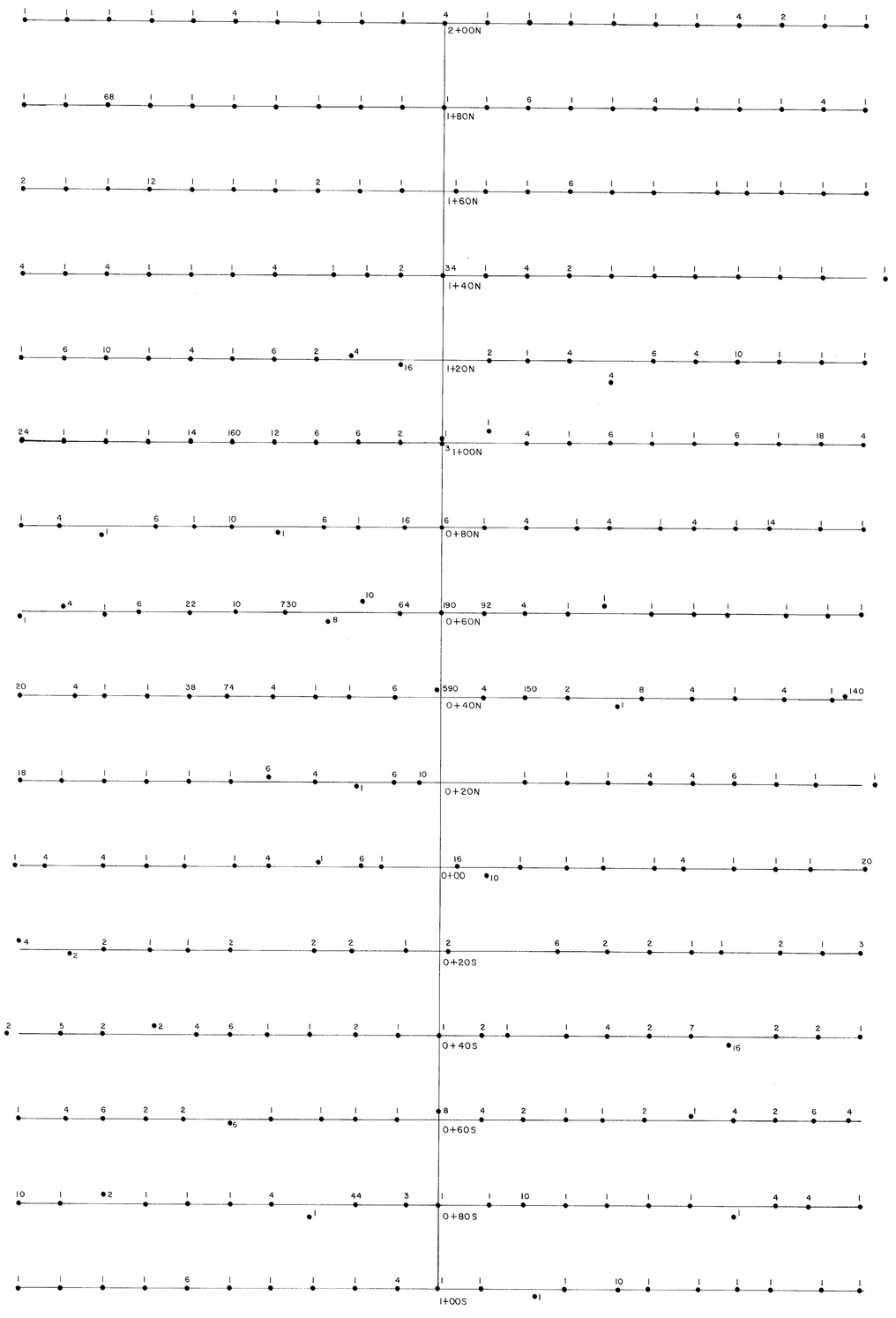
10 5 0 10 20 30 METERS

SCALE: 1:500

FALCONBRIDGE LTD.

PROPERTY: WICK CLAIMS – LUCKY GRID	PROJECT No.: 108
LOCATION: TOQUART BAY	
TYPE OF MAP: GEOPHYSICS – VLF-E.M.16	
WORKING PLACE:	
BASED ON: FIELDWORK 1985	
DATE OF WORK: MAY-AUG 1985	MAP REF. NO.:
DRAWN BY: J. ROUSE	FIG. NO.: 6
DATE: OCT. 8, 1985	N.T.S. NO.: 92 F/3

NO. 748



2 1 1 4 Au ppb

Soil site

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,685

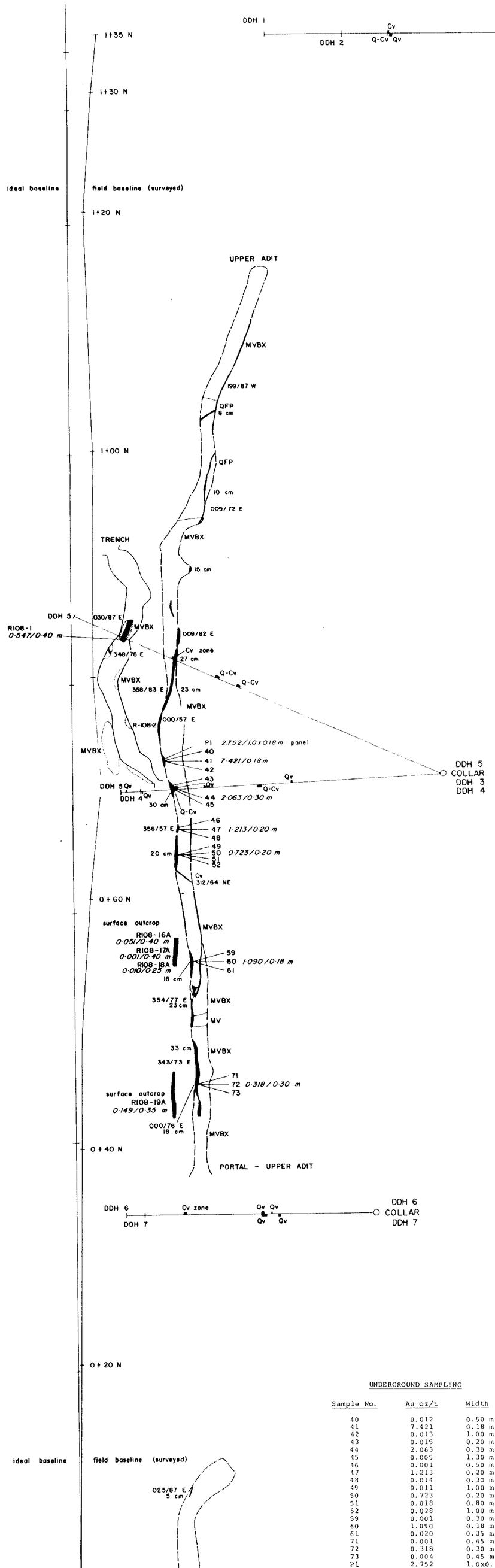
10 5 0 10 20 30 meters

SCALE: 1:500

FALCONBRIDGE LTD.

PROPERTY: WICK CLAIMS - LUCKY GRID	PROJECT NO.: 108
LOCATION: TOQUART BAY	
TYPE OF MAP: Au GEOCHEMISTRY - SOIL	
WORKING PLACE:	
BASED ON: FIELDWORK 1986	
DATE OF WORK: SUMMER 1985	MAP REF. NO.:
DRAWN BY: J. ROUSE	FIG. NO.: 7
DATE: OCT. 9 1985	N.T.S. NO.: 92 F/3

MC 144

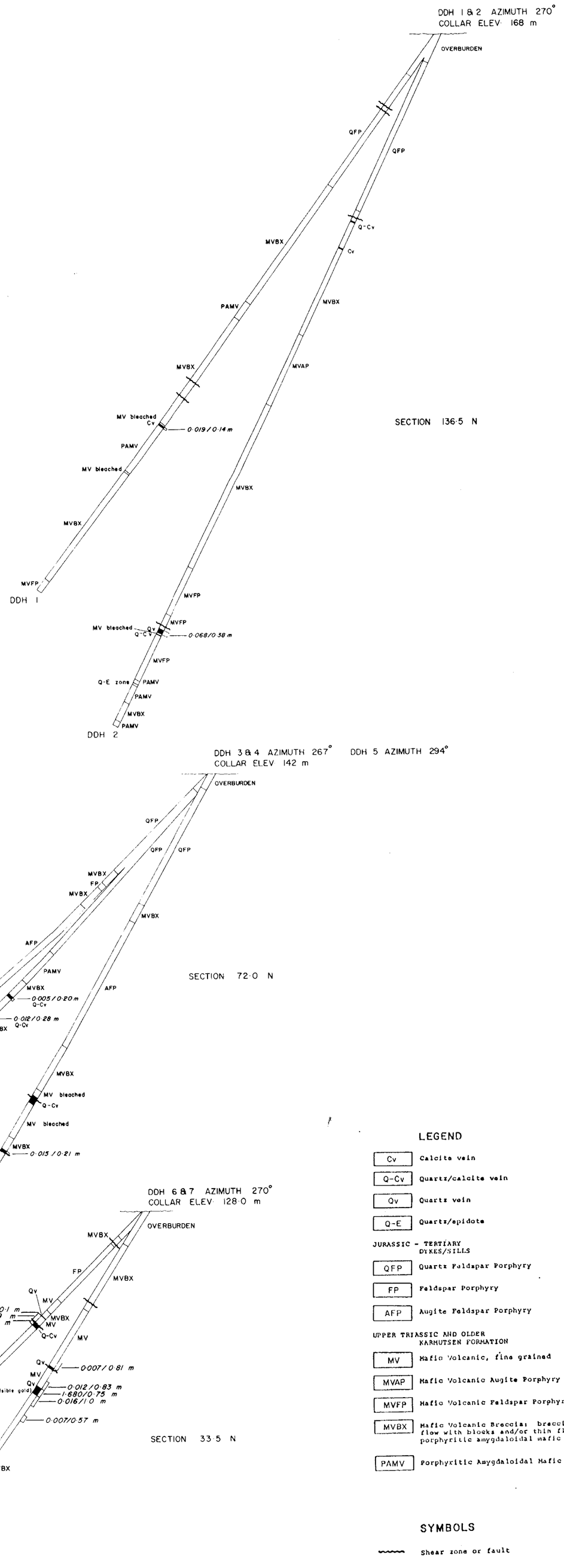


UNDERGROUND SAMPLING

Sample No.	Au oz/t	Width
40	0.012	0.50 m
41	7.421	0.18 m
42	0.013	1.00 m
43	0.015	0.20 m
44	2.063	0.30 m
45	0.005	1.30 m
46	0.001	0.50 m
47	1.213	0.20 m
48	0.014	0.30 m
49	0.011	1.00 m
50	0.723	0.20 m
51	0.018	0.80 m
52	0.028	1.00 m
59	0.001	0.30 m
60	1.090	0.18 m
61	0.020	0.35 m
71	0.001	0.45 m
72	0.318	0.30 m
73	0.004	0.45 m
P1	2.752	1.0x0.18 m panel

Composite Plan Map of Lucky Vein

DDH 1 & 2 AZIMUTH 270°
COLLAR ELEV. 168 m



SECTION 136·5 N

DDH 3 & 4 AZIMUTH 267° DDH 5 AZIMUTH 294°
COLLAR ELEV. 142 m

SECTION 72·0 N

DDH 6 & 7 AZIMUTH 270°
COLLAR ELEV. 128·0 m

SECTION 33·5 N

LEGEND

Cv	Calcite vein
Q-Cv	Quartz/calcite vein
Qv	Quartz vein
Q-E	Quartz/epidote

JURASSIC - TERTIARY DYKES/SILLS

QFP	Quartz Feldspar Porphyry
FP	Feldspar Porphyry
AFP	Augite Feldspar Porphyry

UPPER TRIASSIC AND OLDER KARMUTSEN FORMATION

MV	Mafic Volcanic, fine grained
MVAP	Mafic Volcanic Augite Porphyry
MVFP	Mafic Volcanic Feldspar Porphyry
MVBX	Mafic Volcanic Breccia: brecciated flow with blocks and/or thin flows of porphyritic amygdaloidal mafic volcanics
PAMV	Porphyritic Amygdaloidal Mafic Volcanic

SYMBOLS

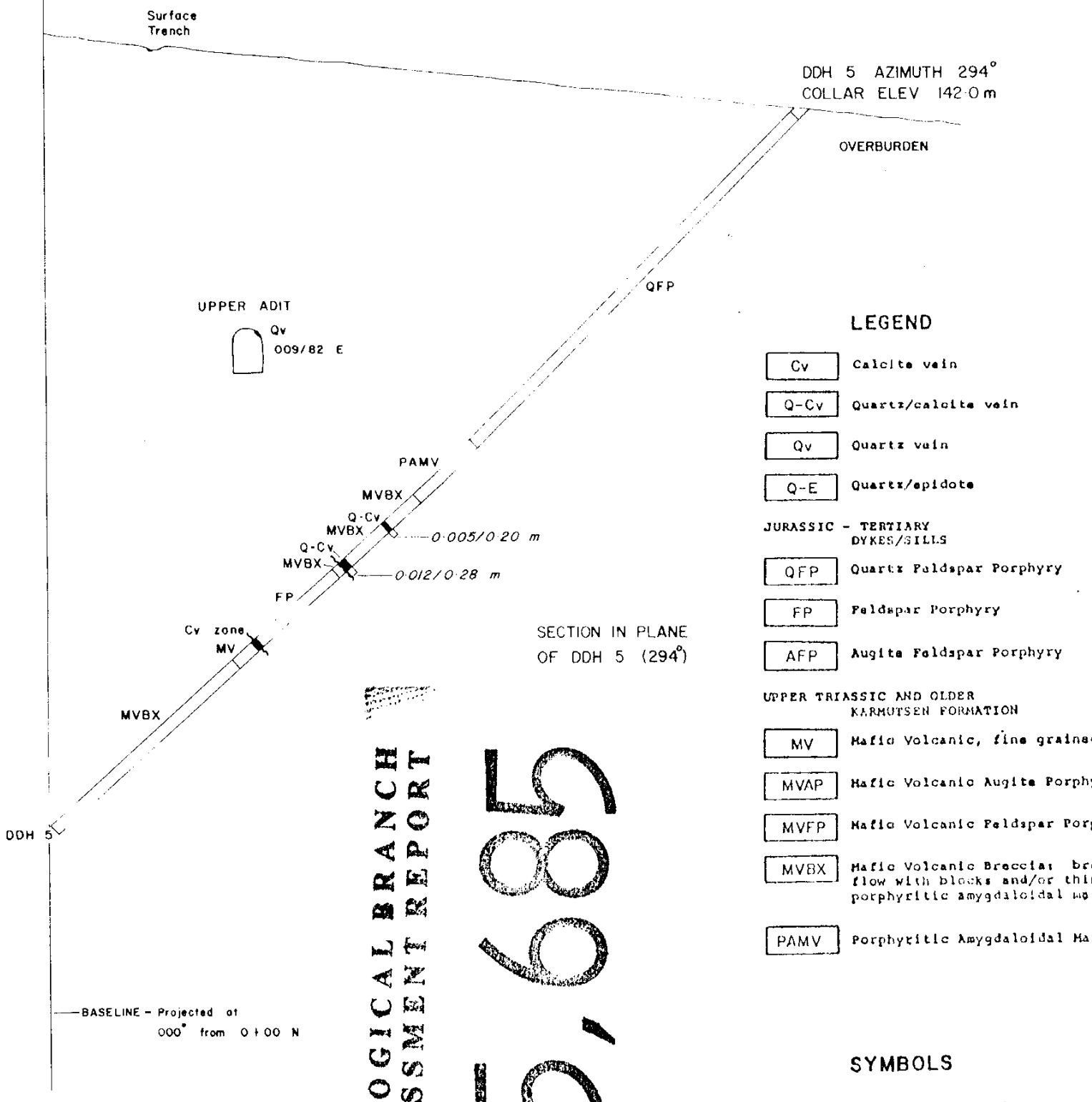
~~	Shear zone or fault
1.680/0.75 m	Au oz/t / sample interval in metres
120/39 E	Strikn and dip direction

DDH Cross Sections of Lucky Vein

0 10m
SCALE: 1:250

FIGURE

LUCKY VEIN CROSS SECTION DDH 5



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PAMV	Porphyritic Amygdaloidal Mafic Volcanic

SYMBOLS

~~	Shear zone or fault
1.680/0.75 m	Au oz/t / sample interval in metres
120/30 E	Strike and dip direction

0 10m

SCALE: 1:250

FIGURE 9