COPY

GEOLOGICAL AND GEOCHEMICAL REPORT

ON

THE CHID PROPERTY

ATLIN MINING DIVISION

TATSAMENIE LAKE AREA, BC

NTS 104 K/8W
58 22' N, 132 16' W

Prepared for:
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September, 1993

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A. SUMMARY

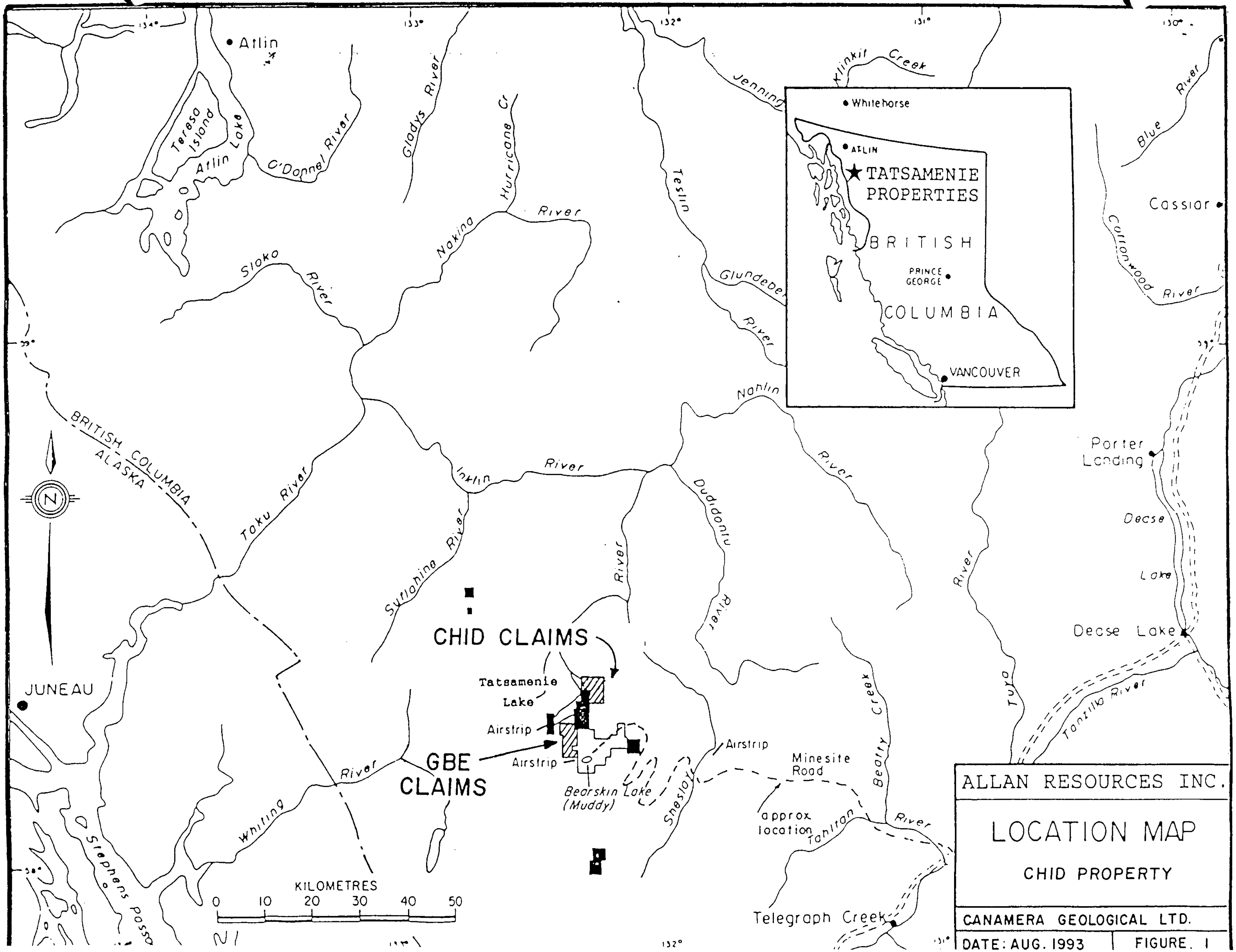
Trenching, prospecting, geochemical sampling and geophysical EM/Mag grid surveying were carried out on the CHID claims between July 12 and July 30, 1993. Areas of interest on the property which were evaluated include the showings on Chid and 2nd Creek, the clay altered gossan zones in the northeast corner of Chid #2 claim and reconnaissance to the south on Chid #3 claim.

Two mineralized north/south trending structures were examined on Chid Creek, namely the Ultramafic fault zone and the Chute zone. The Chute zone is intermittently exposed over a 200 metre strike length. The best mineralization occurs in the creek bed within a brecciated pyritic quartz zone grading 0.665 optAu over 0.19 m. Trenching at the south end of the zone (50-60 metres south of the above/showing) outlined alteration within this structure over a five to seven metre width and a pyritic quartz vein over a 0.75 metre width grading 1.07 optAu. The Ultramafic fault structure is intermittently exposed between the banks of Chid Creek over a strike length of 250 metres. Mineralization consists of erratic quartz carbonate stock work veins and zones of Fe carbonate alteration. Previous sampling was restricted to small veins within this structure in the order of ten to twenty centimetres wide with grades less than 0.1 optAu. Trenching done at the south end of this exposed structure uncovered an altered and pyritic quartz carbonate stock work zone 2.4 metres wide, but without significant Au values. Geophysical testing over both the Chid and Ultramafic zones detected a very subtle mag low indicating that these structures are narrow (in the order of five metres or less).

Another target on the property is a north/south trending structure exposed on 2nd Creek which is marked by a thirty metre wide Fe carbonate alteration zone uncovered by trenching on the south side of the creek. Mineralization consists of disseminated pyrite associated with quartz carbonate stock-work and a one metre wide amorphous pyritic quartz vein, within the zone of alteration. This one metre vein returned 1914 ppbAu. Previous sampling of the showing on strike, exposed on the north side of the creek, returned ten and a half metres of 0.05 opt Au including two higher grade zones of 0.25 opt. across 1.5 metres and 1.016 oz/ton across 0.1 m. Resampling of this zone by the author returned much lower values. A mag low and a small VLF cross-over were detected on the immediate geophysical survey lines.

Examination of the mineralized area in the northeast corner of Chid #2 (Roof Pendant Mineralization), although interesting, does not constitute a drill target. The prominent clay altered zone is associated with Tertiary rhyolitic dikes generally trending east-west similar to those on the Ant property to the East. Although disseminated pyrite is extensive and occasional chalcedonic quartz is present, the grades of Au mineralization and the size of the mineralized area are small. Also in this area the contact between the andesite volcanics and intrusive diorite was found to be void of sulphide although propylitic alteration was substantial in the volcanics.

An occurrence of angular mineralized tetrahedrite float was found in Chid Creek which assayed 3.22% Cu and 3.06 optAg. Some follow-up prospecting on the Cu target is recommended for the source is probably local, along the North bank of Chid Creek Canyon.


Atlin
Teresa Island
Atlin Lake
O'Donnel River
Gladys River
Hurricane Cr
Nakina River
Sloko River
Teslin
Jennings
Klinkit Creek
Blue River
Cassiar
Cottonwood River
Glundebery River
Nahlin River
BRITISH COLUMBIA
ALASKA
Taku River
Inklin River
Sutlahine River
Dudidontu River
Porter Landing
Dease Lake
Tuya River
CHID CLAIMS
Tatsamenie Lake
Airstrip
GBE CLAIMS
Bearskin Lake (Muddy)
Sheslay
Minesite Road
approx location
Tahltan River
Beatty Creek
Tanzilla River
JUNEAU
Whiting River
Stephens Passage
Telegraph Creek
KILOMETRES
0 10 20 30 40 50
Whitehorse
ATLIN
TATSAMENIE PROPERTIES
BRITISH COLUMBIA
PRINCE GEORGE
VANCOUVER
ALLAN RESOURCES INC.
LOCATION MAP
CHID PROPERTY
CANAMERA GEOLOGICAL LTD.
DATE: AUG. 1993
FIGURE. 1

Elsewhere on the Chid claims frequent Fe carbonate gossans were located in the headwaters of the creeks on Chid #2 and #3; however none of these areas were found to be Au anomalous .

B. Introduction

This report summarizes exploration work conducted by Canamera Geological on the Chid claims during July 1993. It also contains the results of the exploration program carried out in June of 1992 by Canamera Geological Limited. The above work is based on recommendations by J.C. Freeze in her Geological Report on the Tatsamenie properties dated March 1990. Much of the regional and background information in the above mentioned report has been utilized in the compilation of this report.

The Chid claims cover structurally controlled pyritic gold-bearing quartz veins similar to the Golden Bear property at Muddy Lake. The property is held under title by Allan Resources Incorporated of Vancouver, BC, while Canamera Geological Limited is the operator.

C. Location and Access (See Fig.1)

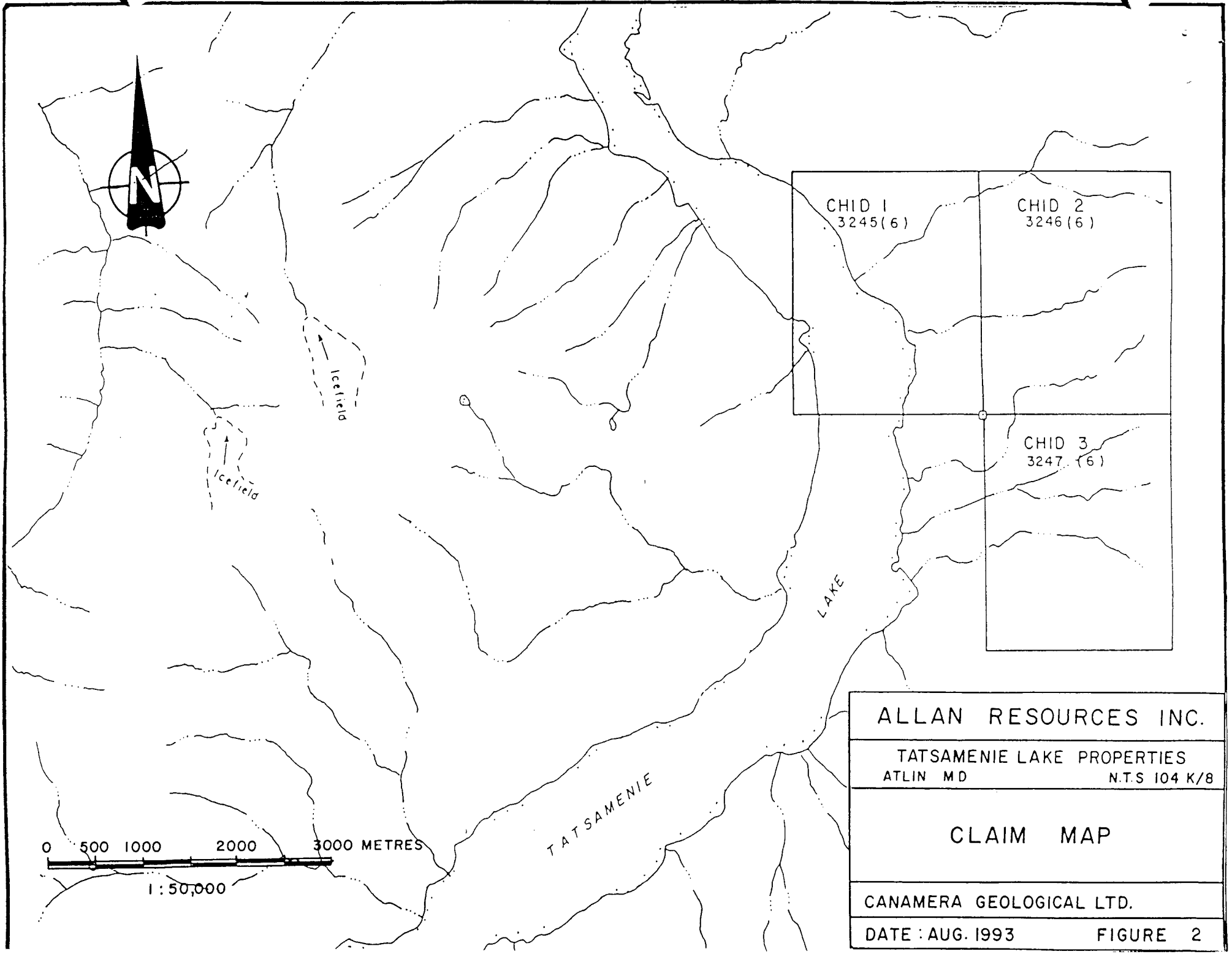
The Chid property is situated in the Atlin mining division in northwestern British Columbia, centred approximately one hundred kilometres northwest of Telegraph Creek and 140 kilometres southeast of Atlin. The claim block covers a total area of fifteen square kilometres and is centred at 58° 22'N and 132°16' W. (Map sheet 104 K/8)

The nearest highway to the property area is Highway 114, which extends from Dease Lake to Telegraph Creek. An all-weather road has been constructed from the highway to the Golden Bear mine (Muddy Lake), located ten kilometres south of the Chid Claims.

Air access by fixed wing aircraft is available to three gravel landing strips in the area. A strip on the Sheslay River allows up to DC-3 sized planes; a second at Muddy (Bearskin) Lake handles airplanes up to Caribou size; and a third strip at the western end of Tatsamenie Lake allows airplanes the size of a Cessna 206 to land. Access to Tatsamenie Lake is available by float plane from June until late October and by plane on skis during winter months, except during freezing and break up periods. Exploration can be carried out from camps on the shore of Tatsamenie Lake.

D. Property Status (See Fig. 2)

The Chid property covers three claims comprised of sixty units as listed below. Allan Resources Incorporated has options to earn an interest in these claims from their owners. The legal status of the claims are beyond the scope of this report.



ALLAN RESOURCES INC.

TATSAMENIE LAKE PROPERTIES

ATLIN M.D. N.T.S 104 K/8

CLAIM MAP

CANAMERA GEOLOGICAL LTD.

DATE : AUG. 1993 FIGURE 2

Claim Status

Group	Claim Name	Tenure Number	Record Number	Record Date	*Expiry Date	Number of Units
CHID	CHID 1	202545	3245	06/28/88	06/28/96	20
	CHID 2	202546	3246	06/28/88	06/28/95	20
	CHID 3	202547	3247	06/28/88	06/28/95	20

* (Note: Expiry date does not include the application of work done in this report)

E. Physiography, Vegetation and Climate

The claims are situated on the lee side of the Coast Range Mountains, eighty kilometres east of the Pacific Coast. The region has a relatively dry climate; winter snow cover is moderate; snow, rain and wind storms are common all year round.

The property covers semi-rugged alpine to sub-alpine terrains. Elevations range from 800 metres to 1800 metres. Most of the Chid Claims cover topography which is relatively easily accessible except for canyons along Chid Creek.

Vegetation is variable with elevation; tree line is at an elevation of approximately 1,200 metres, above which alpine tundra covers the property; shrubs and trees are restricted to valley slopes. Engelmann spruce, alpine fir, lodgepole pine, white spruce and white bark pine trees characterize the vegetation, with tag alder and willows locally as underbrush and in snow-slide areas.

Fast flowing creeks drain the alpine terrain along the east side of the property flowing west into Tatsamenie Lake. The lower sections of the creeks are sensitive to sediment discharge because of the fish spawning grounds along the margin of the lake.

F. History

1. Regional

The Tatsamenie Lake area was initially explored in the fifties for its porphyry copper potential. Of several copper showings in the area, two have been classified as small porphyry copper type occurrences.

In 1981, Chevron Canada Resources Limited explored the Tatsamenie Lake area for precious metals. Several claims were staked and developed through to the diamond drilling stage. The most advanced to date is the Golden Bear property which North American Metals Corporation has, under a joint venture agreement with Chevron, developed proven and probable reserves of 1.5 million tons grading 0.31 ounces of gold per ton. The mine has been under production since January 1990. Chevron's share of the joint venture was taken over by

Homestake Canada Limited who in turn has recently sold its share to Wheaton River Mines Limited.

2. Property

The area covered by the Chid claims was staked and explored by Chevron in the early 1980's. Several zones of gold, silver, antimony, and arsenic mineralization were discovered occurring in shear zones with quartz, fuchsite, malachite, azurite, and hematite. Several rock samples carried values of 2,000 to greater than 10,000 ppb gold, 1 to 53 ppm silver, 13 to 104 ppm antimony and 40 to 4,400 ppm arsenic.

In 1988 the following exploration program was undertaken by geologists, prospectors and field technicians employed by Stetson Resource Management Corporation. (See 1990 Geological Report on the Tatsamenie Lake Area by J.C. Freeze)

1) Geological mapping and prospecting was carried out over the claims at a scale of 1:10,000 where possible. Mapping was carried out at more detailed scales along creeks and in mineralized areas.

2. Rock chip sampling of quartz and calcite veins, quartz-carbonate stockwork zones, hydrothermal alteration zones and all pyritic rocks was carried out over the areas mapped.

3. Heavy mineral concentrate sampling was carried out in creeks and at the break in slope along strategic contour lines on Chid 1 and 2.

4. On the Chid 1 claim an access trail was cut from Tatsamenie Lake up to the Chute precious metal zone.

In 1989 a limited exploration program was carried for assessment purposes. Additional geological mapping and rock chip sampling was carried out near the northern boundary of the Chid 2 Claim along the southern fork of Chid Creek.

3. Recent Exploration

During June of 1992, Canamera Geological conducted a small program consisting of line-cutting, some rock and soil sampling and minor EM/Mag testing. The significant results of the aforementioned program are included in this report.

Between July 12th and July 31st, 1993, the following program was completed on the Chid Claims.

a. trenching (hand and blast) on showings in Chid and 2nd Creek.
b. Soil-sampling - 148 samples
c. Silt-sampling - 22 samples
d. Rock-sampling - 47 samples
e. EM(VLF) and magnetometre surveys over the grid area (approximately 15 line km)

Prospecting and geological mapping was also done in conjunction with the above program. A declination of 26.5° E was used for compass settings. The purpose of the program was to evaluate existing showings for potential drill-targets.

The above program was carried out from a camp established on the east side of Tatsamenie Lake by a crew of three. Field-work was supervised by the author on site. The overall program was supervised by Bill Dynes and John Dupuis.

G. Geology

1. Regional Geology (See Fig. 3)

The Tatsamenie Lake area was mapped as part of the Tulsequah Map Sheet 104k by J.G. Southern of the Geological Survey of Canada in 1971. This map accompanies memoir 362 (GSC map #1262A).

The oldest unit in the area is a diorite gneiss of unknown age. Permian serpentinite and limestone units are overlain by Pre-Upper Triassic clastic sediments and volcanic rocks. The Permian and Pre-Upper Triassic rocks belong to the Stikine Terrane which is an allochthonous package accreted onto the North American craton in late Triassic to Middle Jurassic time (Monger, 1984). Sedimentary, volcanic and volcaniclastic rocks were deposited on the Stikine Terrane in Triassic to Jurrassic time.

Four igneous events have intruded these rocks: a Triassic granodiorite; a Jurassic diorite (part of the Coast Complex); a Cretaceous - Tertiary group of rhyolite dikes, quartz feldspar porphyries and monzonites; and later Tertiary - Pleistocene intermediate to felsic extrusive and intrusive rocks.

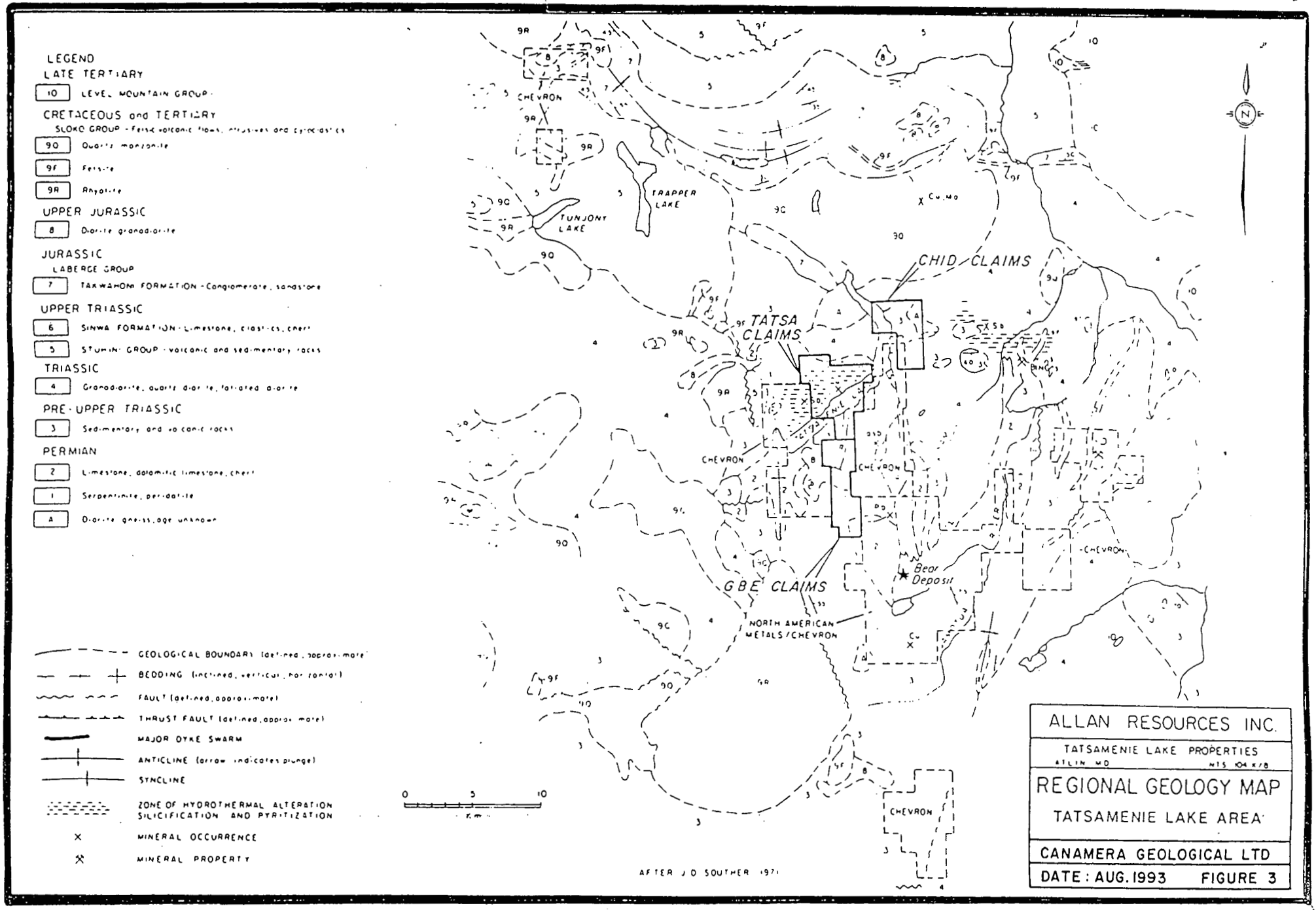
2. Regional Mineralization (see Fig. 4)

The Stikine Terrane host several precious and base metal ore deposits:

In the Iskut area, at the southern end of the terrane, two structurally controlled precious metal deposits have been outlined: the Reg property held by Skyline Explorations, which has been in production, and the Snip property held in a joint venture between Cominco Limited and Delaware Resource Corporation (Prime Resource Corporation) which is presently in production.

In the Stikine River area two porphyry copper - gold + molybdenum deposits on Galore Creek and Schaft Creek have been outlined.

In the Stikine Arch area the Red Dog property hosts structurally controlled gold mineralization with associated base metals.


LEGEND
LATE TERTIARY
10 LEVEL MOUNTAIN GROUP -
CRETACEOUS and TERTIARY
SLOKO GROUP - Felsic volcanic flows, pyroclastics and epiclastics
90 Quartz monzonite
9f Felsite
9R Rhyolite
UPPER JURASSIC
8 Diorite granodiorite
JURASSIC
LABERGE GROUP
7 TAKWAHOKH FORMATION - Conglomerate, sandstone
UPPER TRIASSIC
6 SINWA FORMATION - Limestone, clastics, chert
5 STUHINI GROUP - volcanic and sedimentary rocks
TRIASSIC
4 Granodiorite, quartz diorite, foliated diorite
PRE-UPPER TRIASSIC
3 Sedimentary and volcanic rocks
PERMIAN
2 Limestone, dolomitic limestone, chert
1 Serpentinite, peridotite
A Diorite gneiss, age unknown
GEOLOGICAL BOUNDARY (defined, approximate)
BEDDING (inclined, vertical, horizontal)
FAULT (defined, approximate)
THRUST FAULT (defined, approximate)
MAJOR DYKE SWARM
ANTICLINE (arrow indicates plunge)
SYNCLINE
ZONE OF HYDROTHERMAL ALTERATION SILICIFICATION AND PYRITIZATION
MINERAL OCCURRENCE
MINERAL PROPERTY
TRAPPER LAKE
TUNJONY LAKE
CHID CLAIMS
TATSA CLAIMS
GBE CLAIMS
Bear Deposit
NORTH AMERICAN METALS/CHEVRON
CHEVRON
0 5 10
km
AFTER J D SOUTHER 1971
ALLAN RESOURCES INC.
TATSAMENIE LAKE PROPERTIES
ATLIN MD NTS 104 K/8
REGIONAL GEOLOGY MAP
TATSAMENIE LAKE AREA
CANAMERA GEOLOGICAL LTD
DATE : AUG. 1993 FIGURE 3

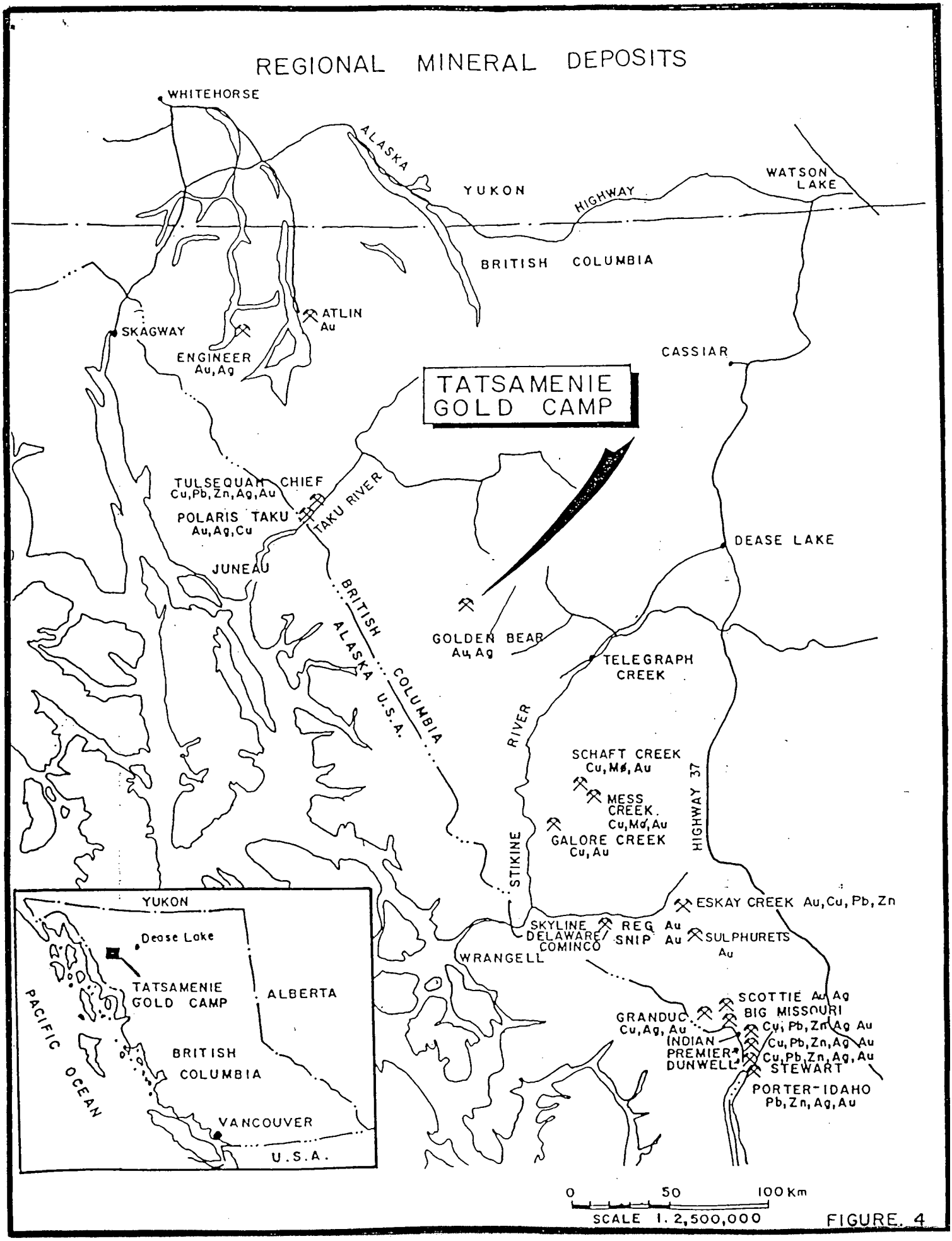

REGIONAL MINERAL DEPOSITS
WHITEHORSE
ALASKA
YUKON
HIGHWAY
WATSON LAKE
BRITISH COLUMBIA
ATLIN Au
SKAGWAY
ENGINEER Au, Ag
CASSIAR
TATSAMENIE GOLD CAMP
TULSEQUAH CHIEF Cu, Pb, Zn, Ag, Au
POLARIS TAKU Au, Ag, Cu
TAKU RIVER
DEASE LAKE
JUNEAU
BRITISH ALASKA U.S.A. COLUMBIA
GOLDEN BEAR Au, Ag
TELEGRAPH CREEK
RIVER
SCHAFT CREEK Cu, Mø, Au
MESS CREEK Cu, Mø, Au
GALORE CREEK Cu, Au
HIGHWAY 37
STIKINE
ESKAY CREEK Au, Cu, Pb, Zn
SKYLINE DELAWARE/ COMINCO
REG SNIP Au
SULPHURETS Au
WRANGELL
SCOTTIE Au Ag
BIG MISSOURI Cu, Pb, Zn Ag Au
Cu, Pb, Zn, Ag, Au
INDIAN PREMIER DUNWELL Cu, Pb, Zn, Ag, Au
GRANDUC Cu, Ag, Au
STEWART
PORTER-IDAHO Pb, Zn, Ag, Au
YUKON
Dease Lake
TATSAMENIE GOLD CAMP
ALBERTA
PACIFIC OCEAN
BRITISH COLUMBIA
VANCOUVER
U.S.A.
0 50 100 Km
SCALE 1. 2,500,000

FIGURE. 4

At the northern end of the Terrane, in the Taku River are, base and precious metal ore in volcanogenic massive sulphides were produced at the Tulsequah Chief mine and gold ore was produced at the Polaris Taku mine. Both of these mines are currently being explored with the intent to bring them back into production.

In the Tatsamenie Lake area, centrally located within the Stikine Terrane, both porphyry style copper - molybdenum and structurally controlled precious metal mineralization has been found.

The most significant precious metal deposit discovered in the area to date is the Bear deposit on the Golden Bear property held by the Golden Bear Operating Company (Chevron Minerals Ltd. and Homestake Mineral Development Company). The deposit is hosted by an extensive northerly trending structure called the West Wall Fault. Gold mineralization and associated quartz-carbonate alteration is controlled by northerly trending vertical fault structures between Permian limestone and Pre-Upper Triassic tuff. Both the limestone and the tuff act as hosts to the ore.

The gold is commonly associated with disseminations and fracture filings of fine grained pyrite, predominantly along fault contacts. Accessory minerals include pyrrhotite, arsenopyrite, tetrahedite and minor galena, sphalerite, chalcopyrite and tellurides. Most of the gold is submicron in size and not visible to the naked eye (Kenway, 1986). The mineralization is considered to fit Lindgren's (1933) mesothermal classification of ore deposits.

3. Property Geology (See Map 1 and 2)

The general area of the claims is underlain by rock units similar to those hosting the Golden Bear deposit, consisting of Pre-Upper Triassic andesitic volcanics and minor sediments. These have been intruded by several igneous bodies ranging from diorite during the early Triassic and late Jurassic time to felsic dikes during the late Cretaceous to early Tertiary time. Porphyry copper mineralization in the surrounding area is related to the dioritic intrusives; precious metal mineralization occurs associated with the younger Cretaceous/Tertiary intrusives in the northeast part of Chid 2 and as north-south trending fault structures with Au bearing quartz-veins on the rest of the property.

Within the claims area the andesitic volcanics remain as small roof-pendants along the eastern part of the claim block surrounded by magnetic hornblende-quartz-diorite which is locally gneissic in texture. Fe-carbonate alteration is wide-spread within the diorite along the eastern margin of the claim block. Where examined the volcanic/intrusive contact was propylitically altered. Massive course black amphibolite bodies, several hundred metres across, were found in the upper Chid Creek area. A number of feldspar porphyry to rhyolite dikes were located, the most significant of which occurs in the upper Chid Creek area. These dikes tend to trend east-west and are locally intensely argillically altered containing disseminated pyrite mineralization and traces of chalcedonic quartz and associated Au mineralization.

Of significance on the property are a number of north/south trending steeply dipping structures (faults) which are exposed on Chid and 2nd Creek. These zones are marked by Fe-carbonate alteration, locally stock work quartz/carbonate veins and breccias which contain gold mineralization associated with disseminate pyrite and gray chalcedonic quartz. The three main structures are the 2nd Creek zone, Ultramafic zone and Chute zone.

4. Property Mineralization (See map 1 and 2 and Figs. 5-9)

a) Chid 1

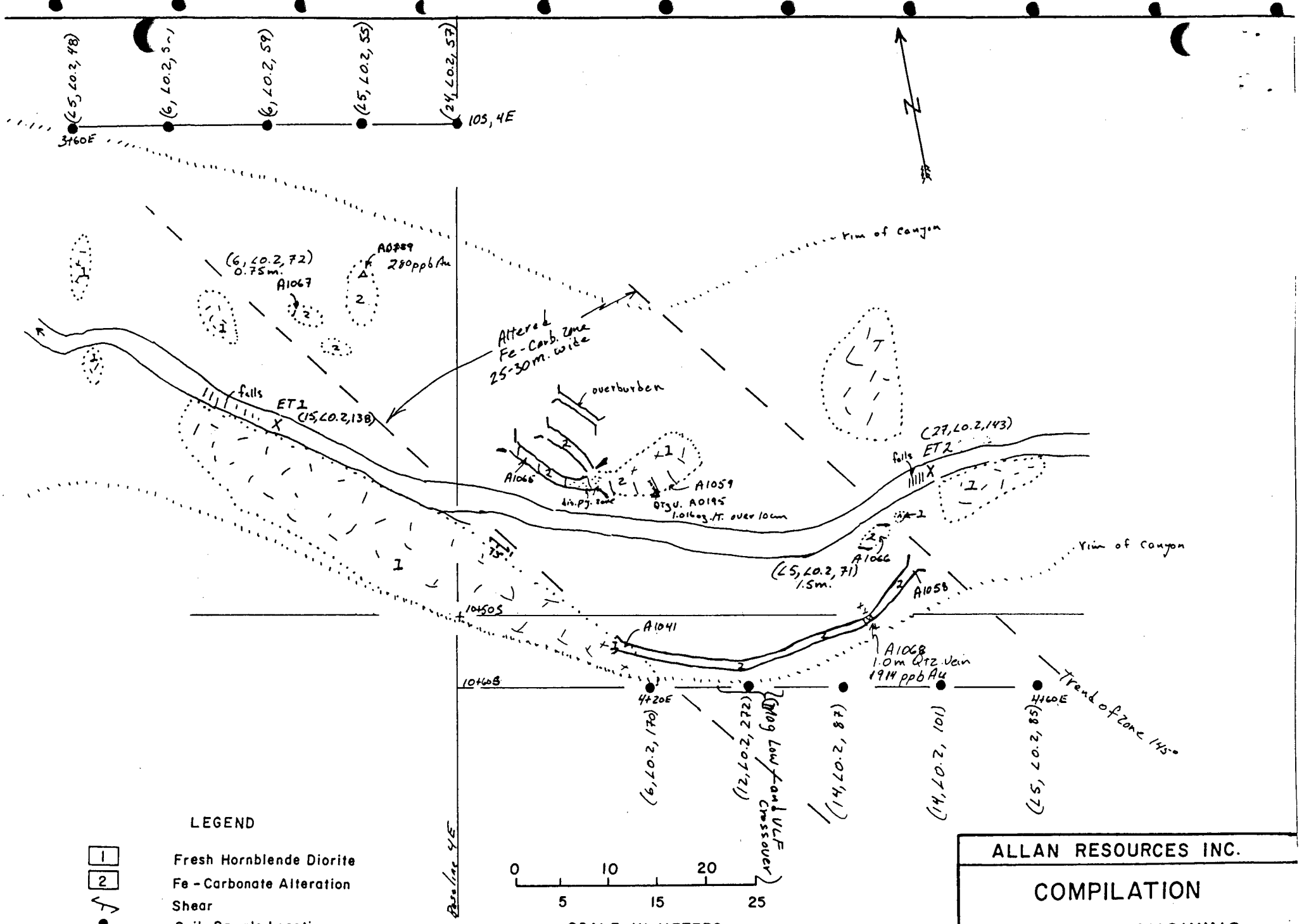
Steep dipping north /south tending fault structures occurring within the hornblende diorites exposed in the Chid Creek Canyon, are the main mineralized targets. The Chute zone has been traced over a distance of approximately 200 metres in length with occasional narrow breccia zones and quartz veins containing disseminated pyrite and chalcopyrite and sometimes chalcedonic quartz. The best mineralized occurrences are located near the bottom of the creek (0.665 opt Au across 0.19 metres) and in a trench at the south-end of the zone (1.071 optAu across 0.75 metres). Elsewhere along this structure minor quartz-carbonate stock-work and buff Fe-carbonate alteration contain geochemically anomalous gold values. Both ends of this zone are covered by glacial overburden.

The Ultramafic fault zone occurs, as a structure similar to the Chute zone, 300 metres to the west. The fault has diverted the west flowing Chid Creek to the south along this zone. This mineralized zone is traceable for about 250 metres containing isolated occurrences of pyritic quartz-carbonate stock work and Fe-carbonate alteration without the presence of chalcedonic quartz. Au grades in all the sampling along this structure are low and discontinuous. The best grade (from previous work) is 0.09 0z/t.Au over 0.17 metres. Trenching at the south end of the zone located pyritic quartz-carbonate stock work; the best sample contains 198 ppbAu across 1.4 metres.

Prospecting between the Chute and Ultramafic zones located additional Fe-carbonate and minor quartz vein mineralization but of more significance is a tetrahedrite mineralized float-sample (angular) containing 3.22 % Cu, 3.06 oz./t. Ag and 9 ppbAu. This sample was located in a small talus slide on the immediate north side of the creek.

b) Chid 2

The widest structural target located occurs on 2nd Creek and consists of a thirty metre wide Fe-carbonate alteration zone exposed on both sides of the creek - over about eighty metres along strike. The zone strikes at 145^{O}, dips steeply to the southwest and trends northwest towards the Ultramafic zone on Chid Creek. Mineralization consists of disseminated pyrite associated with quartz-carbonate stock work veins, and several amorphous to gray quartz veins which host the gold values. The best Au value (1992) is 1.016 opt across a ten centimetre quartz vein on the north bank of the creek. Trenching along the south bank uncovered a one metre quartz vein that returned 1914 ppbAu. Sampling of the mineralization on the north side of the creek (1987-1989) returned 1742 ppbAu across 10.5 metres including 1.5 metres of 0.25 optAu but resampling of this showing during this program only returned 405 ppb across 9.0 metres true width. The quartz veins appear to pinch and swell along strike.



LEGEND

1	Fresh Hornblende Diorite
2	Fe - Carbonate Alteration
	Shear
●	Soil - Sample Location
X	Silt - Sample Location
△	1992 Rock - Sample Location
(350, <0.2, 500)	ppb Au, ppm Ag and Cu

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COMPILATION
2nd CREEK SHOWING

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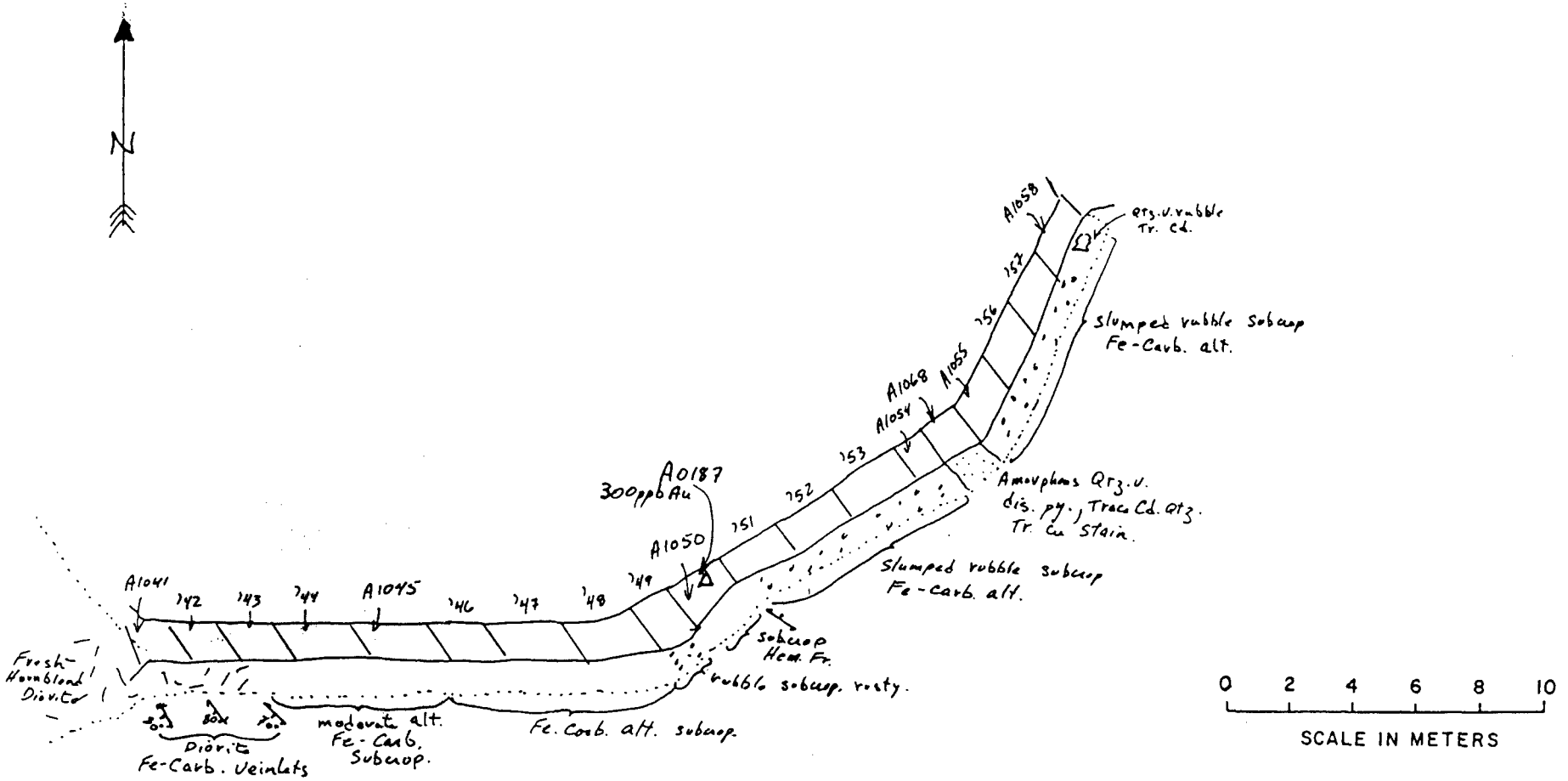
DATE: AUG. 1993 | BY: E.G.O. | FIG. 5



	ppb Au	ppm Ag	ppm Cu	width
A1041	<5	<0.2	112	1.25 m.
A1042	146	<0.2	109	1.25 m
A1043	17	<0.2	110	1.25 m
A1044	<5	<0.2	254	1.8 m
A1045	<5	<0.2	101	1.9 m
A1046	<5	<0.2	395	1.25 m
A1047	54	<0.2	251	1.9 m
A1048	6	<0.2	205	1.5 m
A1049	22	<0.2	114	1.15 m

	ppb Au	ppm Ag	ppm Cu	width
A1050	5	<0.2	64	1.7 m
A1051	<5	<0.2	205	2 m.
A1052	<5	<0.2	141	2 m.
A1053	97	<0.2	239	2 m.
A1054	311	<0.2	94	1 m
A1055	27	<0.2	183	1.9 m
A1056	8	<0.2	59	1.75 m
A1057	<5	<0.2	85	1.5 m
A1058	10	<0.2	129	2 m
A1068	1914	3.5	211	1.0 m

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TRENCH MAP, 2nd CREEK SOUTH BANK OF CREEK

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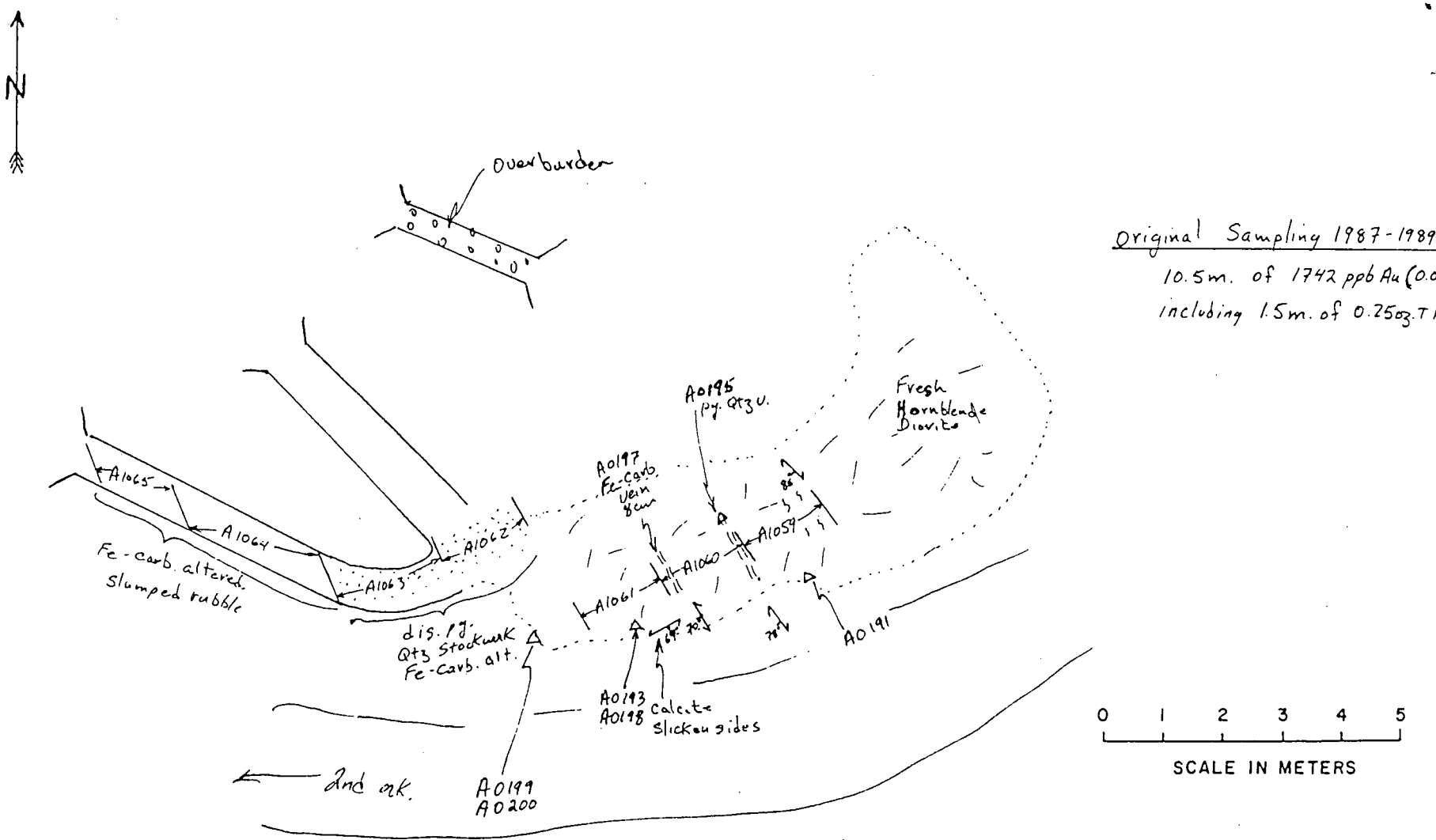
DATE: AUG. 1993 | BY: E.G.O. | FIG. 6



Original Sampling 1987-1989

10.5m. of 1742 ppb Au (0.05g.T.)

including 1.5m. of 0.250z.T Au

1993 Samples

	ppb. Au	ppm Ag	ppm Cu	T. width.
A1059	75	<0.2	80	1.5m
A1060	1230	2.6	317	1.5m
A1061	15	<0.2	464	1.5m
A1062	114	<0.2	332	1.5m
A1063	946	0.7	133	1.5m
A1064	50	<0.2	509	1.5m
A1065	<5	<0.2	384	1.0m

1992 Samples

	ppb Au	Width
A0193	0.336 oz/t.	—
A0195	1.016 oz/t.	10 cm.
A0197	125	—
A0198	35	—
A0199	850	—
A0200	3600	—

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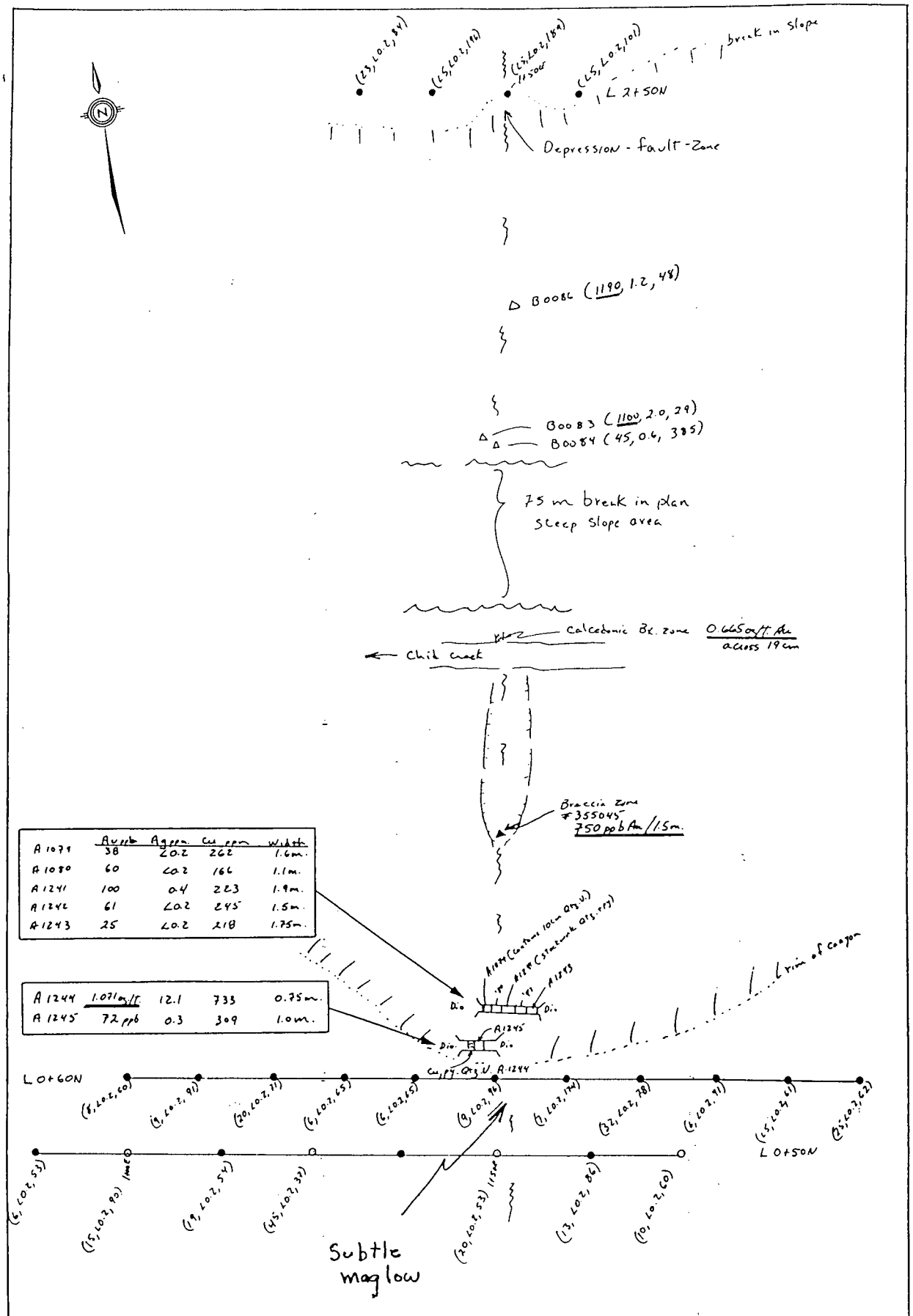
TRENCH MAP, 2nd CREEK SHOWING NORTH BANK OF CREEK

CANAMERA GEOLOGICAL LTD.

DATE: AUG 1993 | BY: E.G.O. | FIG. 7



	Au ppb	Ag ppm	Cu ppm	Width
A 1079	38	LO.2	262	1.6m.
A 1080	60	LO.2	166	1.1m.
A 1241	100	0.4	223	1.9m.
A 1242	61	LO.2	245	1.5m.
A 1243	25	LO.2	218	1.75m.

A 1244	1.071 oz/t	12.1	733	0.75m.
A 1245	72 ppb	0.3	309	1.0m.

LEGEND

△ 80086	Rock Samples, 1992
O	Soil Samples, 1992
●	Soil Samples, 1993
(55, <0.2, 385)	ppb Au, ppm Ag, ppm Cu

0 10 20
5 15 25
SCALE IN METERS

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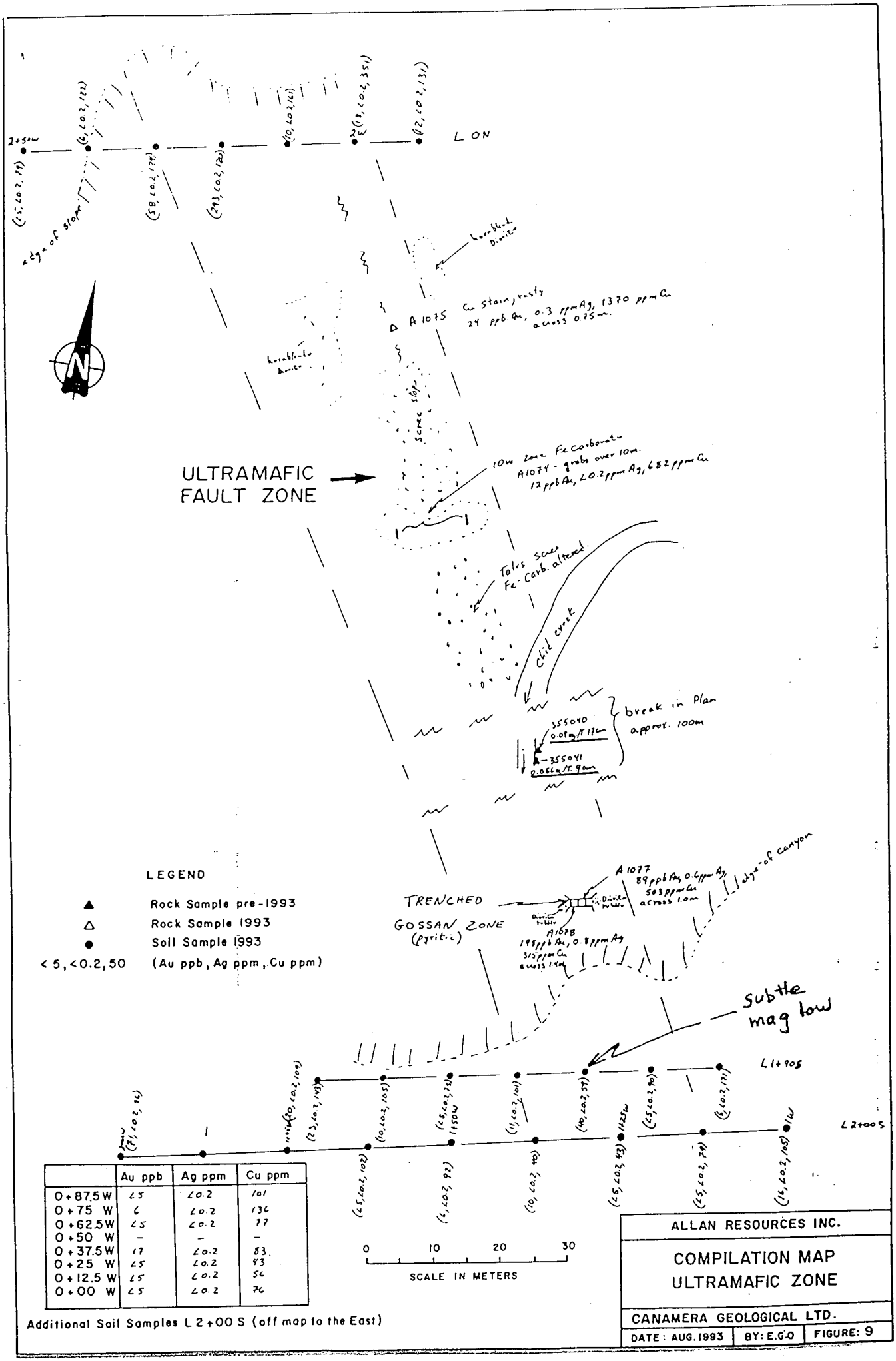
COMPILATION - MAP
CHUTE ZONE

CANAMERA GEOLOGICAL LTD.

DATE: AUG. 1993 | BY: E.G.O. | FIG. 8



	Au ppb	Ag ppm	Cu ppm
0+87.5W	<5	<0.2	101
0+75 W	6	<0.2	136
0+62.5W	<5	<0.2	77
0+50 W	–	–	–
0+37.5W	17	<0.2	83
0+25 W	<5	<0.2	93
0+12.5 W	<5	<0.2	56
0+00 W	<5	<0.2	76

In the northeast Chid area anomalous Au, Ag, and Cu values appear to be associated with argillic alteration, pyrite mineralization and minor chalcedonic quartz veinlets related to Cret/Tertiary felsic dikes near the andesitic volcanics and diorite contact. Au values in rock and soil samples are less than 1000 ppb with anomalous values in Cu, Ag, Sb, As, as well (500, 3, 5, > 2000 ppm respectively). Other showings in the area include several small Cu stained gossans occurring further downhill in Chid Creek. The best zone is 1.4 metres wide and extends for twenty five metres returning 498 ppbAu, 22.3 ppmAg and 13745 ppmCu (A1073). Elsewhere, towards the eastern boundary of Chid 2, two gossan talus float occurrences contain galena, sphalerite and pyrite mineralization in Fe-carbonate altered zones. The best Au value in these occurrences is 120 ppb (A1070).

c) Chid 3

Numerous buff ankeritic altered zones occur near the head of the drainages near the eastern boundary of Chid 3 and on Chid 2 as well but where sampled these zones contain in the order of 20 ppbAu and several hundred ppmCu.

H. Geochemistry

1. Rock (47 Samples)

Rock chip samples were collected from all trenches; width was measured as true width across structures. In addition, mineralized gossan or alteration in outcrop and float occurrences were also sampled. A total of forty seven samples were collected and analyzed by Bondar-Clegg using the twenty seven element ICP method for Ag, Cu, Pb, Zn, Mo, Ni, Co, Cd, Bi, As, Sb, Fe, Mn, Te, Ba, Cr, V, Sn, W, La, Al, Mg, Ca, Na, K, Sr, Y. Au was analyzed by the 30 gm Fire assay method. See Appendix (IV) for results and Appendix (III) for sample descriptions.

Copper, silver, antimony, and arsenic values show a moderate correlation with the Au values. Previous sampling suggests a Hg correlation with the Au as well. Anomalous results are discussed under property mineralization.

2. Silts

Twenty two silts were collected from various drainages and analyzed by Bondar-Clegg using the same element package (Au Fire assay and 27 element ICP) as for the rocks. Samples were dry sieved to -80 mesh before analysis.

Anomalous results in the Chid and 2nd Creek are in the range of 20-65 ppbAu with Cu in the range of 200 - 500 ppm. This probably reflects the type of mineralization discovered to date. One sample on 2nd Creek (ET7) contains 378 ppbAu, the source for which has not been located. Silt samples from the Chid 3 claim all have less than 20 ppbAu and less than 150 ppmCu. See Appendix (V) for results.

3. Soils

A total of 148 samples were collected from the "B" horizon, where possible; they were processed and analyzed similar to the method used for the silt samples above.

Soil sampling was done along grid lines in the areas of the Ultramafic zone, the Chute zone and the 2nd Creek zone to try and extend the trace of the mineralized structures beneath the overburden. This was largely unsuccessful as the structures were narrow and the area has been glaciated. A number of contour soil lines were put in on claims Chid 1 and 2 above the 1100 metre contour where heavy mineral samples from a previous program were anomalous in Au. Au results are flat with only four values above 50 ppb out of seventy three samples. A number of samples (talus fines) in the northeast Chid area are very anomalous; 362-930 ppbAu, 1.7 - 2.9 ppmAg and 400 - 700 ppmCu. Au tends to be concentrated in talus fines and do not appear to reflect a high grade source. Elsewhere soil sampling of ankeritic gossan zones show only background Au values (<20 ppb).

I. Geophysics

VLF/EM testing was attempted on the structural targets within the grid area. A subtle mag low was detected at the south end of the Ultramafic and Chute zones indicating a narrow (possible 5 metre) structure. A weak mag low and subtle VLF cross over was detected at the south end of the 2nd Creek zone. Further extensions of these zones are very difficult to detected from the grid geophysical survey. See Appendix (VII) for maps and comments.

J. Trenching

Hand trenching with blasting assistance was carried out on the Chute, Ultramafic and 2nd Creek showings as follows:

2nd Creek: 4 trenches, 48 m. or approximately 24 m^3
Chute: 2 trenches, 10 m. or approximately 5 m^3
Ultramafic: 1 trench, 3 m or approximately 1.3 m^3

Trenches were chip samples across structures to attain true widths.

K. Conclusions

1. Gold is associated with pyritic gray chalcedonic quartz veining with grades up to 1.07 oz/t. located in the Chute zone. Several steep dipping north/south structures (faults) have been identified hosting the above mineralization. The Au bearing quartz veins discovered to date tend to be narrow and irregular. Weakly anomalous Au values are associated with pyritic quartz-carbonate stock work and amorphous quartz veins.

2. Au is also associated with pyritic chalcedonic quartz veinlets related to east/west felsic dikes but grades and width of mineralization are much lower than the above north/south structures.

3. Glaciation has affected the area up to the 12-1300 metre elevation contour; soil geochemistry below these elevation has not proven to be an effective tool in the location of mineralization.

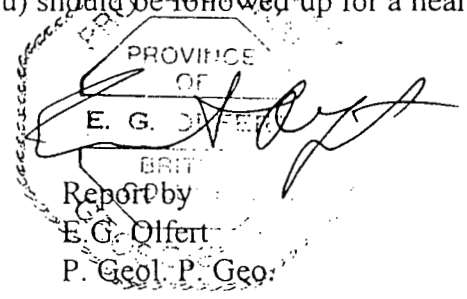
4. Extensive ankeritic alteration zones occur on the claims but Au values do no appear to be anomalous in these zones unless they contain pyritic quartz veins or stock-work, quartz-carbonate veins.

L Recommendations

1. The Chute zone may be considered a drill-target on the basis of the quartz vein containing 1.07 oz/t. across 0.75 m. However, it is still a high risk target considering the narrow irregular nature of these veins, as well as the remote location.

2. Mechanical trenching is recommended at a future date to test the north/south structures. This should be done at a time when the area is more accessible and environmental attitudes are more in tune with reality.

3. Some further prospecting is recommended along the north side of Chid Creek canyon in search of the source of the Cu Ag mineralized float (3.22% Cu, 3.06 oz/t.Ag). Also, one silt sample on 2nd Creek (ET-7 returned 378 ppbAu) should be followed up for a nearby Au-bearing structure up stream.



Report by
E.G. Olfert
P. Geol. P. Geo.

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APPENDIX I

*STATEMENT OF EXPENDITURES

			$
Project Preparation			1050.00
Field Personnel			
Geologist:			
July 12 - 30, 1993	25 mandays X $350		8750.00
Assistant			
July 12 - 30, 1993	25 mandays X $250		6250.00
Geophysical Technician			
July 12 - 30, 1993	25 mandays X $250		6250.00
Camp Building, Materials and Maintenance			7350.00
Food			
Groceries			1830.00
Communication			2100.00
Radio rentals (one month)		1100.00	
Walkie Talkies (one month)		1000.00	
Transportation (including Mob and Demob)			
Fixed wing	mob/demob and supply flights		9500.00
Helicopter	7.2 hours @ $750/hour		5400.00
Trenching Supplies			4000.00
Transportation		approx $1000	
Explosives, Caps		approx $1000	
Percussion drill rental		approx $1500	
Bits, Parts, Repairs, Maintenance		approx $ 500	
Geochem and Assays			4500.00
47 rock samples,	27 element ICP + F.A. A Au @ $20/sample	($ 940)	
2 rock samples,	Au, Ag and Cu Assay @ $30	($ 60)	
146 soil samples,	27 element ICP + F.A. A Au @ $20/sample	($2920)	
21 silt samples,	27 element ICP + F.A. A Au @ $20/sample	($ 420)	
Misc sampling materials		($160)	
Miscellaneous			7000.00
VLF/EM and Mag unit rental	25 days @ $210/day	($5250)	
Computer rental	25 days @ $10/day	($ 250)	
Printer rental	25 days @ $5/day	($ 125)	
Field Equipment	25 days @ $50/day	($1250)	
Sample Shipping	$125		
Report Writing and Drafting			4000.00
Supervision, Administration and Overhead			6700.00
TOTAL PROGRAM			**$74,680.00**

* NOTE: These expenditures only cover the 1993 program

APPENDIX II

CERTIFICATE

I, Ernest G. Olfert, with business address at 3020 Fraser Street, Vancouver, British Columbia do hereby certify that:

1. I am a Consulting Geologist registered with the Profession Engineers of BC. as a professional Geoscientist; I am also registered as a Professional Geologist with the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

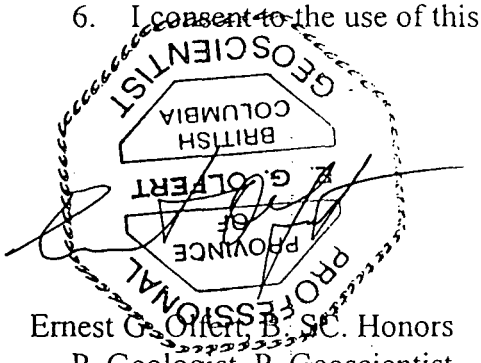
2. I hold a B.Sc. (Honors) Degree in Geology (1970) from the University of Calgary, Alberta.

3. I have practiced my profession as a geologist continuously since 1970, having worked in Canada, Mexico, Greenland, and Europe. I worked for Cominco from 1970 - 1983 and for a number of consulting and public companies from 1983 to the present.

4. I do not have any direct or indirect interest in the securities of Allan Resources Inc.

5. I have no interest in the property described in the report and will receive only normal consulting fees for the preparation of this report.

6. I consent to the use of this report on the Chid property by Allan Resources Inc.



Ernest G. Olfert, B. Sc. Honors
P. Geologist, P. Geoscientist

September 1993

APPENDIX III

ROCK SAMPLES

ect: CHID
l (Grid):
ectors: E. OLFERT

Results Plotted By:
Map: NTS:
Date: Surface Underground

MPLE MBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
1069	N. bank 2nd ck. 1500m. ELV.		✓					H. diorite	Ankerite gossan zone veining 70°/80°S	
1070	S. " " " 1470m. ELV.		✓					alt. diorite	Stringers of Py, sphalerite in Fe-Carb. alteration	
1071	Upper Chid ck. Ridge 1558 m. ELV		✓					Rhyolite Dyke	clay altered zone 25m x 75m dis. py 5%.	
1072	" " " ck. 1381 m ELV.		✓					Diorite	10m x 3m gossan dis. py in Fractures.	
1073	" " " " 1228m. ELV.		✓					Diorite	gossan strikes along S. bank of ck. 4-5' x 25m. trend 150/60°	
1074	Ultramafic Zone Chid ck.		✓					alt. Diorite	grab across 10m. altered zone (gossan) N. side of creek.	
1075	" " " "			0.75m				" "	Shear 82°/70°S gossan zone Fe-Carb., trace malachite.	
1077	Ultramafic trench			1.0m				alt. Diorite	gossan trench stockwk Qtz/Carb. (slumped subcrop)	
1078	East of + Adjoining 1076			1.4m				" "	gossan, STKWK amorphous QTZ/carb with 3-4% py.	
1079	CHUTE - Lower Trench			1.6m				Diorite	weak alteration - 10 cm Qtz-vein with py in diorite 0/C.	
1080	East of + Adjoining 1079			1.1m				alt. Diorite	stockwork Qtz/Carb., trace dis. py., reddish weathered 0/C.	
1241	" " " " 1080			1.9m				" "	good stockwork as above trace py, malachite	
1242	" " " " 1241			1.5m				" "	Some stockwork as above.	
1243	" " " " 1242			1.75m				" "	Fe-carb altered - minor stockwork No Sulphides	
1244	CHUTE - Upper Trench			0.75m				Quartz-vein	reddish weathered, non chalcedonic, trace py. with	
1245	East + Adjoining 1244			1.0m				alt. Diorite	minor quartz veinlets, mostly Fe carb. [malachite, azurite]	
1246	CHID ck 7 Between U.M. fault		·	0.22m				Qtz. vein ·	Small Qtz vein x-cutting 3' Fe Carbonate structure 90°/48°S	
1247	" " 5 and CHUTE ZONE						✓	diorite alt.	Fe-Carb alt. with ?Chalcocite + hematite + malachite + Azurite	
1114	CRK. CHID 3 1250m ELV		✓					(Diorite)	QTZ. Vein / Fe-Carbonate sample	

ROCK SAMPLES

ct: CHID — Results Plotted By: _____

(Grid): _____ — Map: _____ NTS: _____

ctors: E. OLFERT — Date: _____ Surface ___ Underground ___

MPLE MBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
201041	2nd crk Trench West end			✓	1.25m			Diorite	Some ankerite stringers O/C.	
42	East adjoining 1041			✓	1.25m.			"	Some Fe carb. + siliceous stringers O/C	
43	" " 1042			✓	1.25m			"	as 1042 but slightly more altered. O/C	
44	" " 1043			✓	1.8m			alt. "	Fe carb. altered. O/C Veins (137°/69S.W.)	
45	" " 1044			✓	1.9m			alt. "	" " " O/C	
46	" " 1045			✓	1.25m			" "	Limonite altered. Subcrop.	
47	" " 1046			✓	1.9m			" "	Fe carb. " , Several 2" Qtz. veins with Hem.	Subcrop
48	" " 1047			✓	1.5m			" "	Fe carb altered with amorphous qtz. Trace Hem. O/C	
49	" " 1048			✓	1.5m			" "	Weath. Lim. zone slumped subcrop.	
50	" " 1049			✓	1.7m			" "	" Limonitic Siliceous Amorphous qtz. Vein 110°/70N.	
51	" " 1050			✓	2m.			" "	Some amorphous qtz./carb. veins rubble subcrop.	
52	" " 1051			✓	2m			" "	few Fe. carb veins ½cm. limonite Fractures	(rubble subcrop)
53	" " 1052			✓	2m			" "	yellow weath. gossan Fe carb, Ep., Hem. alt. (rubble	subcrop
54	" " 1053			✓	1m			" "	rusty slumped rubble	(rubble subcrop)
55	" " 1068			✓	1.9m			" "	Fe carb. altered and fractures "	"
56	" " 1055			✓	1.75m			" "	rusty rubble subcrop, trace hem.	
57	" " 1056			✓	1.5m			" "	Fe carb, hem, few qtz. stringers (rubble subcrop)	
58	" " 1057			✓	2m.			" "	rusty, (Tr. hem, Ep., chalcedonic qtz.) "	"
	END of above trench									
201059	2nd crk. trench (East-end)			1.5m				alt. Diorite	minn shears (140°/85S.W.) minn Qtz./carb. Veinlets O/C	
60	West adjoining 1059			1.5m				"	Veinlets Qtz./carb (includes A0195 1.0 oz/ton/10cm) slickensides 67°/69S.	
61	" " 1060			1.5m				"	Some Qtz. carb. veinlets 157°/88 N.E (includes A0198)	
62	" " 1061			1.5m				alt. "	Sil. Veinlets with dis. py. (rusty Fe carb)	(Subcrop
63	" " 1062			1.5m				" "	Sil. Stockwork fractures 2% py. rusty.	(Subcrop
64	" " 1063			1.5m				" "	Some veinlets qtz. carb. rusty	(Subcrop
65	" " 1064			1.0m				" "	Fe carb., minn fractures, magnetic	"
	END of Trench									
1066	In crk. west A1058			1.5m				" "	rusty, Limonite, Hem. Fracture, Shear/joint at 110° V. O/C	
1067	West of A1065			0.75m				" "	orange Limonitic, calcareous, few Hairline Fractures O/C	
1068	between A1054 + 1055			1.0m				Qtz. Vein	amorphous, locally Chalcedonic, dis. fine gr. pyrite	

tr. 1 140°/vert. S.W.

Project: CHID

STREAM SEDIMENTS

Results Plotted By:

Area (Grid): CHID As Indicated

Map: N.T.S.:

Collectors: E. OLFERT, T. COVAS, B. CHORE

Date:

Sample Number	NOTES	SEDIMENT DATA					STREAM DATA					SPRING	DRY GULLY				
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width	Depth	Velocity						
T-1	Below showing in 2nd crk near Bnd. ELV 1030m		65	35				✓	3'	1'	F						
T-2	Above " " " "		60	40				✓	3'	1'	F						
T-5	2nd creek 1460m	50	25	25				✓	2'	6"	F						
6	" 1360m	10	70	20				✓	8"	3"	F						
7	" 1270m	25	50	25				✓	10"	3"	M						
8	3rd Creek 3800' Z wood filled debris	20	50	30			Not active	too	2'	4"	M						
T 10	" 3620' J " " "	50	30	20					1'	3"	M						
T15	4670' - stream starting in aigue chid ck.	20	40	40				✓	2'	2"	F						
T 17	3970' Chid - just above junction Fork	40	35	25				✓	2'	4"	F						
18	3850' Chid " below " "	20	50	30				✓	10'	8"	F						
19	3650' Chid " above waterfall gneiss RKS	40	35	25				✓	10'	10"	F						
50	x 3700' ELV - trib to 2nd ck - (slide ck) at 11+40S on soil line	30	50	20				✓	1'	2"	M.						
51	≈ " " " 2nd ck. at 14+75S on soil line	40	35	25				✓	3'	4"	F						
T 52	Chid crk. below ultramafic zone 2990'	20	50	30				✓	10'	1'	F						
06700	CHID Claim 3 ELV 1190m.	mixed						✓	1-3m	20.5m	F						
06702	CHID Claim 3 ELV 1105m	mixed						✓	1-3m	20.5m	M-F						
703	↓ " 990m	mixed						✓	"	"	"						
704	↓ " 890m	mixed						✓	"	"	"						
01034	CHID Claim 3 ELV 1270m.	mixed						✓	1m.	13"	M-F						
1035	↓ " 1180m	mixed						✓	1m	6"	M						
1036	↓ 1080m		✓	✓				✓	2m.	4"	M						
1037	↓ 960m		✓	✓			Subsurface		1'	2"	M						

SOIL SAMPLES

Project: CHID

Area (Grid):

Collectors: T. COUAS

Results Plotted By:

Map: N.T.S.:

Date

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
A001146	Contour Soil-line		Soil-line - CHID#2 ELV. 1240m		S.W									B	10"	✓			Talus	Br.
47														B	8"	✓			"	"
48														B	8"	✓			"	"
49														B	6-8"	✓			"	"
50														A-B	12"		✓	?	?	Lt. Br.
51														B	13"	✓			✓	"
52														Talus fines			✓		Talus	Br.
53														B	12"	✓			✓	Br
54														B	14"	✓			✓	reddish Br.
55														B	16"	✓			Talus	Br
56														B	10"				✓	reddish Br.
57														A-B	-		✓	?	?	Lt. Br.
58														B	6"	✓			Talus	"
59														B	8"	✓			Talus	DK. Br
60														B	12"	✓		?	?	LT Red
61														B	12"	✓		?	?	Red Br.
62														A-B	6"		✓	?	?	Br./Black
63														B	10"	✓		?	?	red Br.
64														A-B	10"		✓	?	?	Dark Br.
A001165	↓				↓				↓					B	12"	✓		?	?	red
A001114	Contour Soil-line		N.E. CHID 2 ELV 1550 - 1600m.		S.W				Scree Slope					Scree	—		✓		✓	reddish
1115	↓		↓		↓				↓					↓			✓		✓	↓
1116														↓			✓		✓	
1117														↓			✓		✓	
1118														Scree			✓		✓	Reddish
1119														Scree			✓		✓	Br
1120														Clay altered zone			✓		✓	Yellow

SOIL SAMPLES

Project: CHID

Area (Grid): CHID 1 & 2 Claims

Collectors: B. CHORE

Results Plotted By: _____

Map: _____ N.T.S.: _____

Date _____

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
✱00 1121	Contour	Soil-line	1320m ELV CHID #2		S.W			u. edge of trees				alpine		B	10"	✓			✓	Br.
1122														B	10"	✓			✓	Br
1123														B	8"	✓			✓	Lt Br.
1124														B	8"	✓			✓	"
1125														B	10"	✓			✓	Br
1126														B	8"	✓			✓	—
1127														B	10"	✓			✓	Br
1128														B	Talus		Talus		✓	"
1129														B	-		slide		✓	Br
1130														Talus	fines		✓		✓	—
1131														B	-				✓	Br
1132														B	10"	✓			✓	Lt. Br.
1133														A-B	4"		Talus ✓		✓	Br
1134														B	10"		✓		✓	Br
1135														B	10"		✓		✓	"
1136														B	9"		✓		✓	"
1137														B	10"		✓		✓	"
1138														B	10"	✓			✓	"
1139														B	10"	✓			✓	"
1140														?	?	?			?	?
1141														B	8"	✓			✓	Lt Br.
1142														B	10"	✓			✓	Br.
1143														B	12"	✓			✓	"
✱00 1171	2+00S	0+00W	grid Samples (main)		West		Wooded							B	10"	✓		mixed		Br.
✱00 1172	2+00S	0+12.5W												B	8"	✓		"		Lt Br.
73		0+25W												B	12"	✓		"		"
74		0+37.5W												B	14"	✓		"		"
75		0+50W																		

SOIL SAMPLES

Project: CHID

Area (Grid): CHID 1 GRID AREA

Collectors: B. CHORE

Results Plotted By: _____

Map: _____ N.T.S.: _____

Date _____

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
A00 11 77	2+00S	0+75W	Main CHID GRID		W			wooded						B	8"	✓		mixed		Lt. Br.
A00 11 79		0+87.5W												B	9"	✓		"		"
1180		1+00 W												B	10"	✓		"		Br.
1181		1+12.5W												B	12"	✓		"		Lt. Br.
1182		1+25 W												B	8"	✓		"		BR
1183		1+37.5W												B	8"	✓		"		BR
1184		1+50 W												—	—			—		—
1185		1+62.5W												—	—			—		—
1186		1+75W												B	16"	✓		mixed		Lt Br.
1187		1+87.5W												B	10"	✓		"		"
1188		2+00 W												B	10"	✓		"		"
1189	0+50N	1+62.5E	Main CHID GRID		W			wooded						B	8"	✓		mixed		Br.
1190		1+37.5E												B	10"	✓		"		orange Br.
1191		1+12.5E												B	10"	✓		"		" "
1192		0+87.5E												B	8"	✓		"		BR
1193	0+60N	1+00 E			N+W			wooded						B	9"	✓		"		Lt. BR.
1194		1+10 E												B	8"	✓		"		"
1195		1+20 E												B	8"	✓		"		"
1196		1+30 E												B	8"	✓		"		"
1197		1+40 E												B	10"	✓		"		"
1198		1+50 E												B	12"	✓		"		"
1199		1+60 E												—	—	—		—		—
1200		1+70 E												B	9"	✓		mixed		Lt. BR.
A00 1178 a		1+80 E												B	10"	✓		"		Orange Br.
b		1+90 E												B	10"	✓		"		"
c		2+00 E			No slope									B	10"	✓		"		BR.

SOIL SAMPLES

Project: CHID GRID
Area (Grid): MAIN GRID (Ultramafic Zone)
Collectors: B. CHORE, T. COVAS.

Results Plotted By: _____
Map: _____ N.T.S.: _____
Date _____

Sample Number	Sample Location		Notes	Topography				Vegetation						Soil Data						
	Line	Station		Valley Bottom	Direction of slope	Hill Top	Level Ground	Heavily Wooded	Sparsely Wooded	Burnt	Logged	Grassland	Swampy	Horizon Sampled	Depth to Horizon Sample	Horizon Development: Good	Horizon Development: Poor	Parent Material: Drift	Parent Material: Bedrock	Colour
A001201	L1+90S	1+10W	Main CHID GRID		S.W			Wooded						B	16"	✓		Mixed		Yellow Br
1202	↓	1+20W			↓			↓						B	10"	✓		"		Lt. BR.
1203		1+30W												B	8"	✓		"		—
1204		1+40W												B	11"	✓		"		BR
1205		1+50W												B	10"	✓		"		Orange/BR.
1206		1+60W												B	10"	✓		"		" "
1207	↓	1+70W			↓			↓						B	10"	✓		"		BR
1209	L0+00W	2+00W	Main CHID GRID		S				✓					A-B	6"		✓	Mixed		BR
1210		2+10W												A-B	12"		✓	"		BR
1211		2+20W												B	10"	✓		"		BR
1212		2+30W												B	10"	✓		"		BR
1213		2+40W												B	8"	✓		"		BR
1214		2+50W			↓				↓					—	—	—		—		—

SOIL SAMPLES

Project: CHID

Area (Grid): CHID

Collectors: E. OLFERT

Results Plotted By:

Map: N.T.S.:

Date

Sample Number	Sample Location: Line	Station	Notes	Topography: Valley Bottom	Direction of slope	Hill Top	Level Ground	Vegetation: Heavily Wooded	Sparsely Wooded	Burnt	Logged	Grassland	Swampy	Soil Data: Horizon Sampled	Depth to Horizon Sample	Horizon Development: Good	Poor	Parent Material: Drift	Bedrock	Colour
	10+60S	4+20E	Top of slope along ck		*				[illegible]					B		✓			✓	Br
		4+30E	"											B		✓			✓	"
		4+40E	"											B		✓			✓	"
		4+50E	"											B		✓		✓	✓	"
		4+60E	"											B		✓		✓	✓	Br.
	10S	3+60E	Slope top above ck					✓						B		✓				gy/Br
		3+70E	"					✓						B		✓		✓	✓	gy/Br
		3+80E	"					✓						B		✓			✓	Br
		3+90E	"					✓						B		✓		✓	✓	gy/Br
		4E	"					✓						B		✓		✓	✓	gy/Br
Elevation 3290'		EL 3	Post S. end of Chid 1 near ultramafic fault (gossan 30m x 15m)		S.W				✓	gossan Patch				talus fines						reddish Br.
3rd creek	1150m	EL 9	carbonate alt. dike buff ✓		S			slide ck.						talus fines					✓	Br.
ELV	4220'	EL 11	Chid 3 in fine fan scree in chute (Slope E to ck)											Talus fines					✓	Br.
ELV	4200'	EL 12	just W. of EL11 " " " " "					"	"	" "	Tom's Qtz Vein (A001214)					"			✓	Br.
ELV	5730	EL 13	Ridge top N.E. Chid #2 "C" horizon near contact Rhyolite Dyke / andesite																✓	Yellow
ELV	5230'	EL 14	ridge, Carb. alt. zone 10m wide (Chid 2 N.E.)																✓	Br
		Z																		
ELV	4500'	EL 16	Carb. alt-zone weath Buff 40m x 10m slope of ck S. bank.																✓	Br
ELV	36-3700'	EL 21	0+50 Soil line just South of		W				✓					B	8"	✓			—	Br.
		22	(1+00S) Chid ck.												"				—	
		23	(1+50S)												"				—	
		24	(2+00S)												"				—	
		25	(2+50S)												18"				—	
		26	(3+00S)												6"				—	
		27	(3+50S)												10"				—	
		28	(4+00S)												10"				—	
		29	(4+50S)												10"					

SOIL SAMPLES

Project: CHID

Area (Grid):

Collectors: E. OLFERT

Results Plotted By:

Map: N.T.S.:

Date

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
EL	3700'	EL 30 (5S)	Soil-line between chid and		W				conif					B	10"					Br
		31 (5+50S)	2nd Crk.												14"					
		32 (6S)													2'					
		33 (6+50S)													12"					
		34 (7S)													18"					
		35 (7+50S)													10"					
		36 (8S)													12"					
		37 (8+50S)													10"					
		38 (9S)													6"					
		39 (9+50S)													16"					
		40 (10S)													10"					
		41 (10+50S)													12"					
		42 (11S)	} slide area						alder						12"					
		43 (11+50S)	}						alder						6"					
		44 (12S)							conif						10"					
		45 (12+50S)													6"					
		46 (13S)													6"					
		47 (13+50S)													4"					
		48 (14S)													8"					
		49 (14+50S)			S										8"					
	L0S	2+40W			S			✓							8"					Br
		2+50W			S			✓							14"					Br.
	L2+50W	1+30E			S				✓					B	8"				✓	Br
		1+40E			S				✓					Ahs	8"				✓	
		1+50E			S				✓					Ahs	2"				✓	
		1+60E			S				✓					B	6"				✓	

Source material from slide

APPENDIX IV

Fax Cover * Fax Cover * Fax Cover

PLEASE DELIVER AS SOON AS POSSIBLE TO:

Company Name: CANAMERA GEOLOGICAL LTD.

Contact Name: ATTN: ART FREEZE

Fax Number: 683-2637

From: Chemex Labs

212 Brooksbank Av. - N Vancouver, B.C. - Canada -- V7J 2C1
Phone : (604) 984-0221 FAX : (604) 984-0218

Sender: DONNA Rock Geochem 1992

Description:

Results for workorder A9217389 - Project :
26 samples received on 10-JUL-92 by our Vancouver office
This workorder has all data entered

TO BILL DYNES: Sorry for the delay in faxing this certificate.

-Donna Baylis

FAX COPY ONLY - A certified copy will be sent through the mail

Number of pages (including cover sheet) : 3

Date Sent: 18-JUN-93 at 15:40 PDT

If there are any problems with this transmission, please call our office immediately at (604) 984-0221

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

DATE PRINTED: 16-AUG-93

REPORT: V93-00777.0 (COMPLETE)

PROJECT: CHID 93 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
CHID/93 EL-13		63	<0.2	269	20	28	6	5	5	<1.0	12	124	<5	7.45	118	<10	53	5	40	<20	<20	33	0.83	0.25	0.20	0.14	1.08	91	6
CHID/93 EL-16		18	1.6	116	127	174	1	144	37	<1.0	8	283	8	3.15	940	<10	217	134	113	<20	<20	<1	1.30	1.57	4.03	0.01	0.14	188	6
A1146		8	<0.2	58	13	119	<1	15	13	<1.0	7	10	<5	4.78	577	<10	181	21	139	<20	<20	4	2.07	0.56	0.46	0.01	0.08	28	3
A1147		13	<0.2	66	15	123	1	16	15	<1.0	7	12	<5	5.06	648	<10	246	23	157	<20	<20	4	2.38	0.65	0.25	0.01	0.09	25	3
A1148		17	<0.2	71	8	84	1	15	18	<1.0	7	8	<5	4.59	1142	<10	220	19	117	<20	<20	4	1.71	0.64	0.41	0.02	0.15	35	4
A1149		9	<0.2	89	11	88	2	20	18	<1.0	8	13	<5	4.71	826	<10	196	25	125	<20	<20	6	1.84	0.78	0.45	0.02	0.12	35	4
A1150		8	<0.2	112	10	76	<1	26	26	<1.0	14	<5	<5	5.11	832	<10	169	28	171	<20	<20	4	2.53	1.40	0.73	0.02	0.11	35	5
A1151		30	<0.2	78	8	77	<1	20	16	<1.0	7	<5	6	4.85	631	<10	136	20	120	<20	<20	5	2.02	0.73	0.29	0.02	0.08	27	5
A1152		11	<0.2	75	14	202	2	21	22	<1.0	8	<5	<5	4.48	1787	<10	355	27	110	<20	<20	4	1.61	0.81	0.61	0.02	0.14	33	4
A1153		7	<0.2	100	10	105	1	29	23	<1.0	10	20	<5	4.93	1227	<10	354	37	141	<20	<20	5	2.45	1.16	0.77	0.02	0.16	43	6
A1154		<5	<0.2	93	10	99	2	24	19	<1.0	12	8	<5	4.86	888	<10	206	34	137	<20	<20	5	2.23	0.94	0.44	0.02	0.10	34	4
A1155		<5	<0.2	112	15	153	2	32	23	<1.0	10	11	<5	5.10	1552	<10	436	48	128	<20	<20	8	2.26	0.94	0.55	0.02	0.11	38	8
A1156		<5	<0.2	81	9	117	<1	30	20	<1.0	6	12	<5	4.22	1886	<10	415	44	96	<20	<20	5	1.78	0.83	0.86	0.02	0.10	42	6
A1157		14	<0.2	115	6	60	<1	28	21	<1.0	8	6	<5	4.44	947	<10	211	37	139	<20	<20	8	1.94	1.22	0.76	0.03	0.11	49	11
A1158		<5	<0.2	104	7	93	<1	27	24	<1.0	6	<5	<5	4.69	1178	<10	212	34	139	<20	<20	4	2.22	1.27	0.84	0.03	0.11	43	5
A1159		<5	<0.2	70	11	145	1	19	22	<1.0	7	10	<5	4.73	1850	<10	381	27	113	<20	<20	5	1.95	0.69	0.51	0.02	0.12	38	4
A1160		<5	<0.2	74	11	92	<1	26	17	<1.0	8	13	<5	4.86	896	<10	268	32	125	<20	<20	6	2.27	0.74	0.35	0.02	0.11	35	6
A1161		6	<0.2	83	13	135	1	26	19	<1.0	10	7	<5	4.60	1263	<10	364	36	123	<20	<20	6	2.28	0.97	0.56	0.02	0.17	45	6
A1162		9	<0.2	58	14	120	2	19	19	<1.0	8	17	<5	4.35	2160	<10	645	31	113	<20	<20	4	1.72	0.63	0.60	0.02	0.14	46	3
A1163		24	<0.2	78	12	87	4	22	22	<1.0	8	10	<5	4.90	2014	<10	382	33	122	<20	<20	7	1.75	0.75	0.60	0.02	0.12	46	6
A1164		10	<0.2	73	10	82	2	20	20	<1.0	7	<5	<5	4.76	1869	<10	352	31	118	<20	<20	5	1.73	0.75	0.57	0.02	0.11	43	5
A1165		54	<0.2	180	8	62	<1	25	18	<1.0	9	10	<5	4.68	918	<10	194	34	155	<20	<20	7	2.41	1.02	0.67	0.04	0.10	39	9
EL-20		6	<0.2	214	9	63	1	52	20	<1.0	9	12	<5	4.98	376	<10	142	60	183	<20	<20	3	2.46	1.23	0.48	0.03	0.06	37	4
EL-21		17	<0.2	54	11	97	1	83	20	<1.0	9	11	<5	4.66	445	<10	183	102	149	<20	<20	2	2.12	1.27	0.31	0.03	0.08	28	2
EL-22		<5	<0.2	45	6	71	<1	26	13	<1.0	6	12	<5	3.62	560	<10	199	52	105	<20	<20	3	1.92	0.83	0.39	0.03	0.10	37	3
EL-23		<5	<0.2	100	7	84	2	42	15	<1.0	9	12	<5	3.89	421	<10	268	68	118	<20	<20	6	2.19	1.30	0.80	0.04	0.08	61	6
EL-24		<5	<0.2	59	7	56	<1	28	14	<1.0	6	<5	<5	4.04	656	<10	165	39	124	<20	<20	4	1.77	0.88	0.64	0.03	0.10	55	5
EL-25		6	<0.2	160	8	80	1	28	15	<1.0	9	13	<5	3.69	810	<10	318	37	101	<20	<20	7	1.80	0.89	0.90	0.03	0.09	70	10
EL-26		<5	<0.2	56	6	54	<1	39	15	<1.0	8	6	<5	3.18	671	<10	159	81	86	<20	<20	7	1.60	1.28	0.86	0.04	0.09	56	8
EL-27		12	<0.2	141	7	107	2	30	14	<1.0	8	7	<5	3.94	708	<10	310	40	112	<20	<20	11	2.22	0.94	0.80	0.03	0.11	72	12

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

DATE PRINTED: 16-AUG-93

EPORT: V93-00777.0 (COMPLETE)

PROJECT: CHID 93 PAGE 2

AMPLE JMBER	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
L-28		<5	<0.2	73	7	97	1	23	12	<1.0	<5	14	<5	3.58	554	<10	248	38	102	<20	<20	4	2.07	0.86	0.43	0.02	0.09	41	3
L-29		6	<0.2	76	5	54	<1	29	14	<1.0	5	16	<5	3.55	613	<10	230	54	98	<20	<20	6	1.88	1.11	0.82	0.03	0.10	62	8
L-30		<5	<0.2	46	6	60	1	14	11	<1.0	7	5	<5	3.61	528	<10	164	24	104	<20	<20	4	1.45	0.69	0.38	0.02	0.10	34	3
L-31		<5	<0.2	365	7	95	1	19	14	<1.0	7	14	<5	3.72	718	<10	173	26	100	<20	<20	5	1.71	0.93	1.35	0.03	0.07	85	8
L-32		6	<0.2	404	6	58	2	21	13	<1.0	<5	22	5	3.42	451	<10	187	36	88	<20	<20	9	1.91	0.99	1.17	0.02	0.10	83	19
L-33		<5	<0.2	64	7	71	1	23	16	<1.0	6	16	<5	4.05	658	<10	103	33	116	<20	<20	5	2.59	0.98	0.44	0.02	0.11	43	4
L-34		<5	<0.2	67	18	67	2	25	14	<1.0	<5	8	<5	3.56	616	<10	184	41	92	<20	<20	8	2.32	0.93	1.00	0.02	0.07	58	7
L-35		<5	<0.2	87	13	123	1	32	20	<1.0	6	9	<5	4.79	926	<10	235	45	129	<20	<20	6	3.45	1.12	0.53	0.02	0.12	45	5
L-36		<5	<0.2	159	7	89	<1	42	18	<1.0	<5	12	<5	4.17	926	<10	224	67	106	<20	<20	12	2.57	1.31	0.83	0.02	0.14	52	16
L-37		<5	<0.2	87	9	76	<1	30	17	<1.0	10	8	<5	4.03	827	<10	189	51	106	<20	<20	8	1.99	1.16	0.86	0.03	0.13	57	11
L-38		<5	<0.2	43	7	68	<1	23	10	<1.0	<5	10	<5	3.30	492	<10	198	41	94	<20	<20	5	1.61	0.87	0.46	0.02	0.10	37	5
L-39		6	<0.2	92	8	88	1	19	14	<1.0	<5	5	<5	3.55	758	<10	202	28	89	<20	<20	8	1.76	0.85	0.92	0.02	0.11	62	11
L-40		112	<0.2	219	59	319	2	42	33	<1.0	<5	373	14	7.12	1814	<10	680	30	127	<20	<20	9	1.33	0.57	1.10	0.01	0.15	38	26
L-41		<5	<0.2	113	8	99	<1	30	15	<1.0	6	19	5	3.62	742	<10	284	58	94	<20	<20	10	1.91	1.09	1.31	0.02	0.11	97	14
L-42		<5	<0.2	113	8	120	<1	46	21	<1.0	5	23	<5	4.12	1410	<10	465	79	104	<20	<20	8	2.72	1.44	1.09	0.03	0.17	82	12
L-43		<5	<0.2	60	4	88	<1	36	13	<1.0	6	6	<5	3.57	498	<10	145	78	97	<20	<20	6	1.91	1.24	0.53	0.02	0.10	48	5
L-44		6	<0.2	62	9	88	2	22	14	<1.0	7	15	<5	3.85	690	<10	271	37	103	<20	<20	8	1.87	1.07	0.67	0.02	0.12	59	9
L-45		<5	<0.2	39	6	73	<1	12	10	<1.0	<5	9	<5	3.16	523	<10	199	20	88	<20	<20	5	1.34	0.68	0.48	0.01	0.10	38	4
L-46		<5	<0.2	37	6	86	<1	19	11	<1.0	7	15	<5	3.37	516	<10	218	35	97	<20	<20	4	1.64	0.82	0.48	0.02	0.07	42	3
L-47		<5	<0.2	93	9	63	<1	17	14	<1.0	6	<5	<5	3.80	874	<10	211	25	99	<20	<20	12	1.36	0.84	0.64	0.02	0.11	37	13
L-48		<5	<0.2	52	8	75	<1	19	12	<1.0	8	<5	<5	3.56	581	<10	206	33	98	<20	<20	6	1.56	0.92	0.50	0.02	0.10	35	6
L-49		22	<0.2	55	14	82	<1	20	15	<1.0	7	7	<5	4.49	633	<10	208	27	137	<20	<20	3	1.96	0.80	0.35	0.02	0.11	29	3
L2+50N-1+30E		23	<0.2	84	11	81	1	35	18	<1.0	8	14	<5	4.45	720	<10	164	58	138	<20	<20	3	2.04	0.96	0.48	0.02	0.16	35	3
L2+50N-1+40E		<5	<0.2	196	13	90	2	49	26	<1.0	8	16	<5	4.25	2193	<10	367	68	121	<20	<20	5	1.97	1.03	1.13	0.03	0.27	59	7
L2+50N-1+50E		<5	<0.2	189	18	109	1	69	32	<1.0	9	18	<5	4.90	1650	<10	469	101	137	<20	<20	7	1.97	0.93	0.90	0.02	0.27	50	13
L2+50N-1+60E		<5	<0.2	101	10	91	2	29	14	<1.0	6	<5	<5	3.50	794	<10	202	48	92	<20	<20	9	1.83	0.98	0.86	0.02	0.10	63	9
ET-17		35	<0.2	770	36	102	18	22	30	<1.0	11	78	<5	5.42	978	<10	156	18	196	<20	<20	5	2.75	1.64	2.29	0.03	0.13	102	8
ET-18		<5	<0.2	509	30	123	34	10	31	<1.0	10	37	<5	4.64	931	<10	82	8	115	<20	<20	8	1.51	0.72	0.76	0.03	0.10	43	12
ET-19		34	<0.2	534	37	131	33	13	31	<1.0	8	47	<5	4.58	1070	<10	100	13	119	<20	<20	10	1.91	0.89	0.79	0.03	0.11	51	15
ET-50		<5	<0.2	64	10	50	<1	17	15	<1.0	6	60	<5	4.30	893	<10	197	34	154	<20	<20	6	1.08	0.76	0.92	0.02	0.07	63	10

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

DATE PRINTED: 16-AUG-93
PROJECT: CHID 93 PAGE 3

EPORT: V93-00777.0 (COMPLETE)

AMPLE	ELEMENT	Au	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y
JMBER	UNITS	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM
T-51		<5	<0.2	127	35	156	2	20	22	<1.0	9	18	<5	5.01	1083	<10	212	17	205	<20	<20	6	1.63	1.20	1.18	0.03	0.10	67	10
T-52		64	<0.2	468	30	110	13	40	34	<1.0	6	33	<5	4.78	935	<10	131	49	175	<20	<20	7	2.06	1.37	1.33	0.04	0.09	73	12

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

DATE PRINTED: 16-AUG-93

REPORT: V93-00777.0 (COMPLETE) PROJECT: CHID 93 PAGE 4

STANDARD NAME	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
HIGH GOLD STANDARD		501	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		501	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BCC GEOCHEM STD 3		-	3.7	734	217	476	428	443	31	<1.0	-	296	28	3.54	-	<10	210	133	32	<20	<20	5	4.18	3.26	4.83	0.30	0.19	74	3
Number of Analyses		-	1	1	1	1	1	1	1	1	-	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	3.7	734	217	476	428	443	31	0.5	-	296	28	3.54	-	5	210	133	32	10	10	5	4.18	3.26	4.83	0.30	0.19	74	3
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	5.0	820	250	500	600	600	40	2.0	4	320	50	5.00	850	0.2	220	150	34	16	8	6	5.10	4.90	5.13	0.30	0.20	78	6
LOW AU STANDARD		16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANALYTICAL BLANK		<5	<0.2	<1	<2	<1	<1	<1	<1	<1.0	<5	<5	<5	<.01	<1	<10	3	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1
ANALYTICAL BLANK		-	<0.2	<1	<2	<1	<1	<1	<1	<1.0	<5	<5	<5	<.01	<1	<10	<2	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1
Number of Analyses		1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mean Value		3	0.1	0.5	1	0.5	0.5	0.5	0.5	0.5	3	3	3	.005	0.5	5	2	0.5	0.5	10	10	0.5	.005	.005	.005	.005	.005	0.5	0.5
Standard Deviation		-	<0.1	<1	<1	<1	<1	<1	<1	<0.1	<1	<1	<1	<.01	<1	<1	1	<1	<1	<1	<1	<1	<.01	<.01	<.01	<.01	<.01	<1	<1
Accepted Value		5	0.2	1	2	1	1	1	1	1.0	5	5	5	0.01	1	10	2	1	1	20	20	1	0.01	0.01	0.01	0.01	0.01	1	1
BCC GEOCHEM STD 2		-	33.2	170	13	56	14	14	7	<1.0	-	7	<5	3.60	406	<10	66	78	81	<20	<20	3	2.37	1.00	0.60	0.06	0.12	56	5
Number of Analyses		-	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	33.2	170	13	56	14	14	7	0.5	-	7	3	3.60	406	5	66	78	81	10	10	3	2.37	1.00	0.60	0.06	0.12	56	5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	34.0	190	15	62	17	14	7	0.2	1	8	-	4.50	500	-	74	89	90	-	2	4	2.75	1.21	0.76	0.06	0.13	63	8

Chid Rocks 1992

Chemex Labs Ltd.

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

To: CANAMERA GEOLOGICAL LTD. ##

220 CAMBIE ST., SUITE 290
VANCOUVER, BC
V6B 2M9

Project :
Comments:

Page Number 1-A
Total Pages 1
Certificate Date 15-JUL-92
Invoice No I-9217389
P.O. Number :
Account :

CERTIFICATE OF ANALYSIS A9217389

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA-AA	Au FA oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
B0076	205	274	625	-----	0.4	0.49	< 2	40	< 0.5	< 2	7.61	< 0.5	28	26	9	6.84	10	< 1	0.36	< 10	2.34
B0077	205	274	15	-----	1.8	0.64	2450	90	< 0.5	< 2	6.84	9.5	19	15	21	4.68	< 10	< 1	0.40	< 10	1.55
B0078	205	274	< 5	-----	< 0.2	0.60	12	40	< 0.5	< 2	7.58	< 0.5	24	221	53	3.38	10	< 1	0.05	< 10	5.46
B0079	205	274	2570	-----	5.0	3.28	342	80	< 0.5	< 2	0.13	< 0.5	15	17	224	12.65	10	< 1	0.29	< 10	1.71
B0080	205	274	10	-----	0.2	0.71	46	50	< 0.5	< 2	4.75	< 0.5	17	28	27	4.36	< 10	2	0.17	< 10	1.60
B0081	205	274	15	-----	< 0.2	0.79	14	40	< 0.5	< 2	6.09	< 0.5	9	17	3	3.13	< 10	4	0.06	< 10	1.99
B0082	205	274	30	-----	0.2	0.80	26	500	< 0.5	< 2	5.00	< 0.5	18	15	129	4.64	10	3	0.27	< 10	1.78
B0083	205	274	1100	-----	2.0	0.40	128	110	< 0.5	< 2	3.26	0.5	11	154	29	3.50	< 10	1	0.20	< 10	1.01
B0084	205	274	45	-----	0.6	0.72	28	560	< 0.5	< 2	5.56	2.0	22	22	385	5.94	10	4	0.27	< 10	1.95
B0086	205	274	1190	-----	1.2	0.35	120	390	< 0.5	< 2	7.67	< 0.5	13	73	48	3.46	< 10	1	0.20	< 10	2.74
B0087	205	274	20	-----	1.2	0.36	78	880	< 0.5	< 2	10.35	3.5	15	41	186	4.38	< 10	9	0.03	< 10	4.13
A0186	205	274	330	-----	0.8	0.60	432	120	< 0.5	< 2	8.58	< 0.5	8	97	23	3.25	< 10	< 1	0.02	< 10	3.20
A0187	205	274	300	-----	0.4	0.47	8	180	< 0.5	< 2	13.15	< 0.5	20	38	59	4.25	< 10	1	0.09	< 10	2.19
A0188	205	274	2380	-----	2.2	0.23	8	90	< 0.5	< 2	4.01	< 0.5	13	105	11	2.82	< 10	1	0.14	< 10	1.35
A0189	205	274	280	-----	0.2	0.70	2	110	< 0.5	< 2	7.84	< 0.5	20	17	218	4.52	< 10	< 1	0.20	< 10	1.39
A0190	205	274	5790	-----	4.4	0.30	6	130	< 0.5	< 2	7.41	< 0.5	20	93	19	4.25	< 10	7	0.18	< 10	1.34
A0191	205	274	40	-----	< 0.2	3.47	2	110	< 0.5	< 2	10.80	< 0.5	22	6	14	4.35	10	1	0.15	< 10	1.37
A0192	205	274	135	-----	0.2	0.67	2	60	< 0.5	< 2	12.90	< 0.5	20	7	24	4.67	< 10	< 1	0.22	< 10	1.15
A0193	205	274	>10000	0.336	20.6	0.30	16	110	< 0.5	< 2	6.83	< 0.5	19	120	76	4.43	< 10	7	0.12	< 10	1.18
A0194	205	274	95	-----	0.2	1.45	< 2	60	< 0.5	< 2	14.00	< 0.5	17	14	76	3.48	< 10	< 1	0.15	< 10	1.59
A0195	205	274	>10000	1.016	64.0	0.46	22	300	< 0.5	< 2	8.00	< 0.5	28	137	97	4.50	< 10	22	0.11	< 10	0.63
A0196	205	274	100	-----	0.4	6.18	10	130	< 0.5	< 2	7.89	< 0.5	28	9	476	6.00	20	1	0.08	< 10	1.52
A0197	205	274	125	-----	0.4	0.29	< 2	50	< 0.5	< 2	14.05	< 0.5	25	28	52	4.13	< 10	< 1	0.04	< 10	4.46
A0198	205	274	35	-----	0.2	5.81	6	190	< 0.5	< 2	6.98	< 0.5	28	11	428	6.32	20	< 1	0.06	< 10	2.27
A0199	205	274	850	-----	0.8	1.46	6	190	< 0.5	< 2	8.37	< 0.5	22	33	143	4.51	10	1	0.24	< 10	1.26
A0200	205	274	3600	-----	3.0	0.29	4	230	< 0.5	< 2	6.13	< 0.5	16	94	20	3.17	< 10	1	0.15	< 10	1.93

CERTIFICATION: _____

Rocks 1992

Chemex Labs Ltd.

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

To: CANAMERA GEOLOGICAL LTD. ##

220 CAMBIE ST., SUITE 290
VANCOUVER, BC
V6B 2M9

Project :
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Page Number 1-B
Total Pages 1
Certificate Date 15-JUL-92
Invoice No. I-9217389
P.O. Number :
Account :

CERTIFICATE OF ANALYSIS A9217389

SAMPLE DESCRIPTION	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
B0076	205	274	845	< 1	< 0.01	16	< 10	6	2	17	131	< 0.01	< 10	< 10	121	< 10	42
B0077	205	274	3800	< 1	< 0.01	6	540	152	12	7	97	< 0.01	< 10	< 10	34	< 10	644
B0078	205	274	795	< 1	0.01	221	< 10	2	2	16	740	< 0.01	< 10	< 10	70	< 10	40
B0079	205	274	920	2	< 0.01	5	680	72	10	8	7	0.01	< 10	< 10	169	< 10	130
B0080	205	274	920	< 1	< 0.01	5	1590	8	6	12	93	< 0.01	< 10	< 10	122	< 10	50
B0081	205	274	635	< 1	0.01	3	1870	10	2	15	200	< 0.01	< 10	< 10	111	< 10	44
B0082	205	274	950	< 1	< 0.01	4	1810	8	24	11	118	< 0.01	< 10	< 10	100	< 10	78
B0083	205	274	930	15	< 0.01	5	590	32	6	1	73	< 0.01	< 10	< 10	23	< 10	60
B0084	205	274	1010	1	0.01	12	360	40	10	31	198	< 0.01	< 10	< 10	218	< 10	198
B0086	205	274	1445	10	< 0.01	7	550	10	8	2	174	< 0.01	< 10	< 10	33	< 10	50
B0087	205	274	1110	< 1	0.01	19	200	38	30	6	243	< 0.01	< 10	< 10	101	< 10	326
A0186	205	274	1930	6	< 0.01	2	50	12	8	2	94	< 0.01	< 10	< 10	12	< 10	26
A0187	205	274	1085	< 1	< 0.01	15	70	6	6	8	158	< 0.01	< 10	< 10	104	170	46
A0188	205	274	470	3	< 0.01	13	70	< 2	< 2	4	71	< 0.01	< 10	< 10	39	< 10	24
A0189	205	274	760	< 1	< 0.01	10	30	4	4	20	86	< 0.01	< 10	< 10	139	< 10	38
A0190	205	274	835	1	< 0.01	36	390	4	< 2	8	107	< 0.01	< 10	< 10	67	< 10	44
A0191	205	274	665	< 1	0.07	10	< 10	4	4	19	251	< 0.01	< 10	< 10	148	< 10	40
A0192	205	274	800	< 1	< 0.01	7	< 10	4	4	20	184	< 0.01	< 10	< 10	129	< 10	40
A0193	205	274	610	2	< 0.01	6	< 10	2	10	5	87	< 0.01	< 10	< 10	49	< 10	36
A0194	205	274	825	< 1	0.02	6	< 10	2	2	12	279	< 0.01	< 10	< 10	119	< 10	30
A0195	205	274	585	1	< 0.01	7	< 10	2	2	5	126	< 0.01	< 10	< 10	50	< 10	22
A0196	205	274	445	< 1	0.13	11	10	10	4	19	376	< 0.01	< 10	< 10	268	< 10	40
A0197	205	274	855	< 1	< 0.01	8	< 10	2	2	3	182	< 0.01	< 10	< 10	53	10	40
A0198	205	274	555	< 1	0.13	14	10	12	6	23	375	< 0.01	< 10	< 10	274	< 10	42
A0199	205	274	730	< 1	0.03	17	120	4	4	17	175	< 0.01	< 10	< 10	116	< 10	42
A0200	205	274	535	1	< 0.01	21	80	2	2	4	117	< 0.01	< 10	< 10	61	< 10	32

CERTIFICATION: _____

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

REPORT: V93-00784.0 (COMPLETE)

REFERENCE:

CLIENT: CANAMERA GEOLOGICAL LTD.

SUBMITTED BY: UNKNOWN

PROJECT: CHID 93

DATE PRINTED: 20-AUG-93

	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
1	Au	Gold	25	5 PPB	FIRE ASSAY	FIRE ASSAY @ 30 G
2	Ag	Silver	25	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Cu	Copper	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Pb	Lead	25	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Zn	Zinc	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Mo	Molybdenum	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Ni	Nickel	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	Co	Cobalt	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Cd	Cadmium	25	1.0 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	Bi	Bismuth	25	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	As	Arsenic	25	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Sb	Antimony	25	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Fe	Iron	25	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Mn	Manganese	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Te	Tellurium	25	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	Ba	Barium	25	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Cr	Chromium	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	V	Vanadium	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Sn	Tin	25	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	W	Tungsten	25	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	La	Lanthanum	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Al	Aluminum	25	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Mg	Magnesium	25	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Ca	Calcium	25	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Na	Sodium	25	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	K	Potassium	25	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	Sr	Strontium	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Y	Yttrium	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK	25	2 -150	25	CRUSH/SPLIT & PULV.	25

REPORT COPIES TO: MR. JOHN DUPUIS
MR. BILL DYNES

INVOICE TO: MR. JOHN DUPUIS

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

DATE PRINTED: 20-AUG-93

REPORT: V93-00784.0 (COMPLETE) PROJECT: CHID 93

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
A1041		<5	<.2	112	4	46	<1	8	22	<1.0	<5	<5	<5	4.48	565	<10	401	107	220	<20	<20	<1	5.46	1.51	8.16	0.22	0.10	371	3
A1042		146	<.2	109	3	59	<1	16	25	<1.0	<5	<5	6	4.39	839	<10	165	9	147	<20	<20	<1	1.94	1.34	>10.00	0.02	0.36	160	5
A1043		17	<.2	110	2	51	<1	8	25	<1.0	<5	10	9	4.55	832	<10	193	9	191	<20	<20	<1	2.34	0.76	>10.00	0.05	0.22	178	5
A1044		<5	<.2	254	4	43	<1	6	23	<1.0	<5	12	17	4.64	772	<10	154	10	215	<20	<20	<1	3.62	0.52	>10.00	0.14	0.14	246	4
A1045		<5	<.2	101	<2	47	<1	5	23	<1.0	<5	<5	<5	4.70	940	<10	145	8	196	<20	<20	<1	3.38	0.95	>10.00	0.10	0.31	243	5
A1046		<5	<.2	395	4	58	<1	10	30	<1.0	<5	8	15	5.21	859	<10	125	3	224	<20	<20	<1	1.70	0.44	9.09	0.02	0.20	100	7
A1047		54	<.2	251	4	54	1	12	24	<1.0	<5	8	15	4.48	887	<10	107	7	179	<20	<20	<1	1.53	1.22	>10.00	0.01	0.25	112	5
A1048		6	<.2	205	5	49	<1	10	24	<1.0	<5	6	10	4.23	837	<10	91	5	194	<20	<20	<1	1.15	1.39	>10.00	0.01	0.12	157	4
A1049		22	<.2	114	3	54	<1	13	23	<1.0	<5	<5	6	4.35	844	<10	64	9	173	<20	<20	<1	1.32	1.31	>10.00	0.01	0.25	196	5
A1050		5	<.2	64	3	56	<1	13	22	<1.0	<5	<5	9	4.02	814	<10	74	9	180	<20	<20	<1	0.67	1.88	>10.00	0.01	0.05	162	4
A1051		<5	<.2	205	<2	42	1	11	23	<1.0	<5	<5	<5	4.28	847	<10	1113	6	169	<20	<20	<1	2.29	0.45	>10.00	0.03	0.10	230	5
A1052		<5	<.2	141	<2	46	<1	12	26	<1.0	<5	9	<5	4.80	884	<10	291	4	216	<20	<20	<1	2.92	0.52	>10.00	0.06	0.07	250	4
A1053		97	<.2	239	4	52	<1	13	29	<1.0	<5	13	6	4.91	989	<10	191	8	172	<20	<20	<1	1.80	0.33	>10.00	0.03	0.18	129	4
A1054		311	<.2	94	12	52	<1	8	19	<1.0	<5	15	7	3.81	872	<10	466	13	118	<20	<20	<1	1.19	0.42	9.99	0.01	0.24	152	7
A1055		27	<.2	183	20	83	<1	18	22	1.3	<5	<5	<5	4.45	1334	<10	313	19	149	<20	<20	4	1.42	0.64	8.41	0.04	0.26	86	13
A1056		8	<.2	59	18	110	<1	4	20	1.3	<5	6	<5	4.26	1372	<10	367	10	135	<20	<20	4	1.15	0.39	6.04	0.04	0.18	52	13
A1057		<5	<.2	85	22	104	<1	9	18	1.1	<5	7	<5	4.02	1420	<10	291	17	117	<20	<20	3	1.45	0.23	9.63	0.02	0.19	54	13
A1065		<5	<.2	384	3	37	<1	11	24	<1.0	<5	<5	<5	4.65	549	<10	312	11	222	<20	<20	<1	6.40	0.72	>10.00	0.18	0.07	516	2
A1066		<5	<.2	71	2	69	<1	3	17	<1.0	<5	<5	<5	3.92	1187	<10	1097	17	117	<20	<20	4	1.20	1.26	5.76	0.05	0.17	160	12
A1067		6	<.2	72	4	59	4	13	26	<1.0	<5	<5	<5	4.65	880	<10	129	8	167	<20	<20	<1	1.39	0.90	>10.00	0.01	0.11	111	7
A1068		1914	3.5	211	66	122	<1	10	21	1.8	<5	34	25	3.86	1142	<10	115	34	64	<20	<20	<1	0.87	2.08	>10.00	0.02	0.20	161	6
A1069		10	<.2	203	12	185	2	5	10	1.8	<5	51	13	2.85	920	<10	233	13	178	<20	<20	<1	1.10	1.64	>10.00	0.05	0.08	197	7
A1070		120	5.4	391	1069	16403	<1	4	21	220.5	<5	128	22	5.58	1013	15	48	10	69	<20	321	2	0.93	1.70	6.77	0.02	0.37	260	10
A1071		132	1.5	77	122	144	5	1	2	2.5	<5	>2000	7	3.14	601	<10	55	34	2	<20	<20	9	0.78	0.07	0.30	0.01	0.57	10	5
A001114		8	<.2	81	6	67	3	10	10	<1.0	<5	18	<5	3.20	1410	<10	55	121	32	<20	<20	<1	0.52	2.03	>10.00	0.01	0.16	62	6

REPORT: V93-00784.0 (COMPLETE)

DATE PRINTED: 20-AUG-93

PROJECT: CHID 93 PAGE 2

STANDARD NAME	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
LOW AU STANDARD		16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BCC GEOCHEM STD 3		-	4.7	833	209	494	552	508	38	2.5	<5	304	35	3.77	722	<10	236	152	33	<20	<20	5	4.85	2.73	4.99	0.33	0.21	80	5
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	4.7	833	209	494	552	508	38	2.5	3	304	35	3.77	722	5	236	152	33	10	10	5	4.85	2.73	4.99	0.33	0.21	80	5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	5.0	820	250	500	600	600	40	2.0	4	320	50	5.00	850	0.2	220	150	34	16	8	6	5.10	4.90	5.13	0.30	0.20	78	6
ANALYTICAL BLANK		<5	<.2	<1	<2	<1	1	<1	<1	<1.0	<5	<5	<5	<.01	<1	<10	<2	<1	<1	<20	<20	<1	<.01	<.01	<0.01	<.01	<.01	<1	<1
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		3	0.1	0.5	1	0.5	1	0.5	0.5	0.5	3	3	3	.005	0.5	5	1	0.5	0.5	10	10	0.5	.005	.005	0.005	.005	.005	0.5	0.5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		5	0.2	1	2	1	1	1	1	1.0	5	5	5	0.01	1	10	2	1	1	20	20	1	0.01	0.01	0.01	0.01	0.01	1	1

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

REPORT: V93-00778.0 (COMPLETE)

REFERENCE:

CLIENT: CANAMERA GEOLOGICAL LTD.

SUBMITTED BY: UNKNOWN

PROJECT: CHID 93

DATE PRINTED: 16-AUG-93

	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
1	Au	Gold	22	5 PPB	FIRE ASSAY	FIRE ASSAY @ 30 G
2	Ag	Silver	22	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Cu	Copper	22	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Pb	Lead	22	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Zn	Zinc	22	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Mo	Molybdenum	22	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Ni	Nickel	22	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	Co	Cobalt	22	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Cd	Cadmium	22	1.0 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	Bi	Bismuth	22	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	As	Arsenic	22	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Sb	Antimony	22	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Fe	Iron	22	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Mn	Manganese	22	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Te	Tellurium	22	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	Ba	Barium	22	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Cr	Chromium	22	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	V	Vanadium	22	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Sn	Tin	22	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	W	Tungsten	22	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	La	Lanthanum	22	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Al	Aluminum	22	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Mg	Magnesium	22	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Ca	Calcium	22	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Na	Sodium	22	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	K	Potassium	22	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	Sr	Strontium	22	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Y	Yttrium	22	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK	22	2 -150	22	CRUSH/SPLIT & PULV.	22

REMARKS: Assay of high Ag, Au and Cu to follow on V93-00778.6

REPORT COPIES TO: MR. JOHN DUPUIS
MR. BILL DYNES

INVOICE TO: MR. JOHN DUPUIS

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

DATE PRINTED: 16-AUG-93

REPORT: V93-00778.0 (COMPLETE)

PROJECT: CHID 93

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
A1058		10	<0.2	129	18	95	4	8	16	<1.0	<5	15	8	3.53	1216	<10	318	18	105	<20	<20	3	0.99	0.83	>10.00	<.01	0.07	77	12
A1059		75	<0.2	80	<2	49	2	13	24	<1.0	<5	<5	<5	4.31	737	<10	93	10	170	<20	<20	<1	2.51	1.14	>10.00	0.06	0.23	212	4
A1060		1230	2.6	317	2	35	3	10	22	<1.0	<5	5	<5	3.98	647	<10	118	10	177	<20	<20	<1	3.61	1.57	>10.00	0.07	0.11	273	3
A1061		15	<0.2	464	3	38	2	11	22	<1.0	<5	<5	6	3.93	625	<10	791	6	189	<20	<20	<1	5.09	1.78	>10.00	0.13	0.11	445	3
A1062		114	<0.2	332	<2	49	<1	17	30	<1.0	<5	<5	6	5.07	718	<10	232	6	252	<20	<20	<1	3.42	0.99	>10.00	0.07	0.14	298	4
A1063		946	0.7	133	4	46	4	24	25	<1.0	<5	12	<5	4.58	868	<10	83	27	152	<20	<20	<1	0.79	1.48	>10.00	0.01	0.28	137	4
A1064		50	<0.2	509	4	45	<1	14	25	<1.0	<5	<5	9	4.89	763	<10	109	5	237	<20	<20	<1	3.09	0.52	>10.00	0.06	0.08	223	4
A1072		498	0.3	245	16	217	<1	7	20	2.0	6	183	14	7.02	1329	<10	34	10	160	<20	<20	<1	3.68	2.06	0.45	<.01	0.25	12	3
A1073		498	22.3	13745	13	173	32	47	49	1.2	<5	140	108	5.62	1379	<10	33	5	143	<20	<20	<1	2.55	1.94	3.68	0.02	0.30	52	6
A1074		12	<0.2	682	5	66	1	7	26	<1.0	<5	7	9	4.71	979	<10	154	8	191	<20	<20	<1	1.87	2.21	>10.00	0.01	0.08	317	7
A1075		24	0.3	1370	8	87	<1	8	27	<1.0	<5	57	83	4.75	1372	<10	74	7	261	<20	<20	<1	0.92	3.07	>10.00	0.01	0.14	302	7
A1077		89	0.6	503	5	71	4	8	30	<1.0	<5	55	81	4.98	967	<10	136	10	278	<20	<20	<1	1.38	1.47	>10.00	0.01	0.22	94	5
A1078		198	0.8	315	8	56	5	8	24	<1.0	<5	98	59	4.01	1186	<10	74	33	103	<20	<20	<1	0.74	1.49	>10.00	<.01	0.16	83	3
A1079		38	<0.2	262	7	78	2	6	26	<1.0	<5	49	19	4.99	1256	<10	103	5	183	<20	<20	3	2.09	1.93	>10.00	0.08	0.24	145	10
A1080		60	<0.2	166	21	214	2	6	21	2.8	<5	28	9	4.38	1044	<10	197	7	146	<20	<20	3	1.04	2.18	>10.00	0.02	0.24	115	9
1241		100	0.4	223	31	397	<1	7	23	4.7	<5	27	33	4.97	1246	<10	228	7	150	<20	<20	3	0.74	2.16	>10.00	0.01	0.32	157	10
1242		61	<0.2	245	10	81	3	7	29	<1.0	<5	7	12	5.69	1351	<10	466	9	216	<20	<20	2	1.61	1.96	>10.00	0.12	0.31	234	11
1243		25	<0.2	218	6	65	<1	7	26	<1.0	<5	<5	<5	5.23	1076	<10	272	11	239	<20	<20	2	1.45	1.82	>10.00	0.03	0.28	203	10
1244		>10000	12.1	733	31	338	20	5	16	5.5	<5	152	248	3.71	856	27	60	57	56	<20	<20	<1	0.37	2.04	>10.00	<.01	0.19	104	3
1245		72	0.3	309	12	100	1	6	22	1.0	<5	9	21	4.43	1023	<10	427	7	142	<20	<20	<1	1.00	2.38	>10.00	0.04	0.28	208	6
1246		1257	3.5	494	20	94	22	8	37	1.3	7	162	136	5.04	1011	<10	49	30	104	<20	<20	1	0.79	1.99	>10.00	<.01	0.35	121	10
1247		9	>50.0	>20000	32	205	11	4	13	9.8	<5	>2000	>2000	3.04	815	<10	36	43	131	<20	<20	<1	0.41	2.25	>10.00	<.01	0.02	59	5

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

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REPORT: V93-00778.0 (COMPLETE)

PROJECT: CHID 93 PAGE 2

STANDARD NAME	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
LOW AU STANDARD		16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BCC GEOCHEM STD 2		-	35.4	211	14	59	17	13	10	<1.0	<5	<5	<5	3.89	449	<10	73	89	91	<20	<20	4	2.70	1.11	0.70	0.06	0.13	65	6
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	35.4	211	14	59	17	13	10	0.5	3	3	3	3.89	449	5	73	89	91	10	10	4	2.70	1.11	0.70	0.06	0.13	65	6
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	34.0	190	15	62	17	14	7	0.2	1	8	-	4.50	500	-	74	89	90	-	2	4	2.75	1.21	0.76	0.06	0.13	63	8
ANALYTICAL BLANK		<5	0.2	-	2	3	<1	1	<1	<1.0	<5	-	-	0.03	-	<10	3	2	1	<20	<20	1	<.01	0.01	0.03	<.01	<.01	2	<1
Number of Analyses		1	1	-	1	1	1	1	1	1	1	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		3	0.2	-	2	3	0.5	1	0.5	0.5	3	-	-	0.03	-	5	3	2	1	10	10	1	.005	0.01	0.03	.005	.005	2	0.5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		5	0.2	1	2	1	1	1	1	1.0	5	5	5	0.01	1	10	2	1	1	20	20	1	0.01	0.01	0.01	0.01	0.01	1	1

BONDAR-CLEGG

Certificate of Analysis

Inchcape Testing Services

REPORT: V93-00778.6 (COMPLETE) REFERENCE:

CLIENT: CANAMERA GEOLOGICAL LTD. SUBMITTED BY: UNKNOWN

PROJECT: CHID 93 DATE PRINTED: 21-AUG-93

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold (Grav.)	1	0.005 OPT		
2	Ag	Silver (Grav.)	1	0.02 OPT		FIRE ASSAY
3	Cu	Copper	1	0.01 PCT	HF-HCL-HNO3	AAS LOW LEVEL ASSAY

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK	2	2 -150	2	SAMPLES FROM STORAGE	2

REPORT COPIES TO: MR. JOHN DUPUIS
MR. BILL DYNES

INVOICE TO: MR. JOHN DUPUIS

Bondar-Clegg & Company Ltd.
130 Pemberton Avenue, North Vancouver, B.C., V7P 2R5, Canada
Tel: (604) 985-0681, Fax: (604) 985-1071

Registered Assayer, Province of British Columbia

BONDAR-CLEGG

Certificate of Analysis

Inchcape Testing Services

DATE PRINTED: 21-AUG-93

REPORT: V93-00778.6 (COMPLETE) ASSAYS PROJECT: CHID 93 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Cu PCT
R2 1244		1.066		
R2 1247			3.09	3.22

Bondar-Clegg & Company Ltd.
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Tel: (604) 985-0681, Fax: (604) 985-1071

Registered Assayer, Province of British Columbia

APPENDIX V

Fax Cover * Fax Cover * Fax Cover

PLEASE DELIVER AS SOON AS POSSIBLE TO:

Company Name: CANAMERA GEOLOGICAL LTD.

Contact Name: ATTN: ART FREEZE

Fax Number: 683-2637

From: Chemex Labs

212 Brooksbank Av. - N. Vancouver, B.C. - Canada -- V7J 2C1
Phone : (604) 984-0221 FAX : (604) 984-0218

Sender: DONNA

Soils 1992

Description:

Results for workorder A9217388 - Project :
110 samples received on 10-JUL-92 by our Vancouver office
This workorder has all data entered

TO BILL DYNES: Sorry for the delay in getting this certificate to you.

-Donna Baylis

FAX COPY ONLY - A certified copy will be sent through the mail

Number of pages (including cover sheet) : 7

Date Sent: 18-JUN-93 at 15:54 PDT

If there are any problems with this transmission, please call our office immediately at (604) 984-0221

Chemex Labs Ltd.

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

To: CANAMERA GEOLOGICAL LTD.
220 CAMBIE ST., SUITE 290
VANCOUVER, BC
V6B 2M9

##

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Page Number 3-A
Total Pages 3
Certificate Date 15-JUL-92
Invoice No. I-9217388
P.O. Number :
Account :

Project :
Comments:

CERTIFICATE OF ANALYSIS A9217388

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L7+50S																					
B2843 - 3E	201	229	< 5	< 0.2	2.79	< 2	340	< 0.5	< 2	0.91	< 0.5	14	73	72	4.32	< 10	< 1	0.17	< 10	1.02	555
B2844 - 3+25E	201	229	< 5	< 0.2	3.18	6	480	< 0.5	< 2	1.21	< 0.5	16	90	105	4.29	< 10	< 1	0.17	10	1.20	880
B2845 - 3+50E	201	229	< 5	< 0.2	1.54	2	440	< 0.5	< 2	0.69	< 0.5	17	49	25	3.72	< 10	< 1	0.20	< 10	0.51	1270
B2846 - 3+75E	201	229	< 5	< 0.2	2.14	2	250	< 0.5	< 2	1.02	< 0.5	17	74	78	4.01	< 10	< 1	0.13	10	1.14	795
B2847 - 4E	201	229	< 5	< 0.2	1.53	< 2	240	< 0.5	< 2	0.71	< 0.5	9	51	40	3.50	< 10	< 1	0.16	< 10	0.53	265
L11+50S																					
B2848 - 4E	201	229	< 5	< 0.2	1.99	2	850	< 0.5	< 2	1.59	1.5	21	52	82	4.14	< 10	< 1	0.09	< 10	0.63	3370
B2849 - 4+25E	201	229	< 5	< 0.2	1.72	20	280	< 0.5	6	0.42	< 0.5	11	44	28	4.81	< 10	< 1	0.17	< 10	0.71	335
B2850 - 4+50E	201	229	< 5	< 0.2	1.41	10	240	< 0.5	< 2	0.52	< 0.5	11	39	21	5.92	< 10	< 1	0.17	< 10	0.50	320
B2851 - 4+75E	201	229	< 5	< 0.2	2.47	< 2	540	< 0.5	2	0.93	< 0.5	19	28	24	4.74	< 10	< 1	0.09	< 10	1.09	760
B2852 - 5E	217	229	< 5	< 0.2	0.65	< 2	1040	< 0.5	< 2	4.39	< 0.5	4	22	38	1.09	< 10	< 1	0.08	< 10	0.33	380
B2853 - 5+25E	201	229	< 5	< 0.2	1.28	< 2	510	< 0.5	4	1.30	< 0.5	8	42	38	3.25	< 10	< 1	0.08	10	0.48	455
B2854 - 5+50E	201	229	< 5	< 0.2	1.02	< 2	250	< 0.5	2	0.49	< 0.5	6	43	17	3.51	< 10	< 1	0.16	< 10	0.26	215
L12+50S																					
B2855 - 5E	201	229	< 5	< 0.2	1.45	4	230	< 0.5	< 2	0.20	< 0.5	6	21	22	3.45	< 10	< 1	0.08	< 10	0.15	280
B2856 - 4+25E	217	229	< 5	< 0.2	1.21	< 2	1240	< 0.5	< 2	3.85	< 0.5	5	33	113	2.10	< 10	< 1	0.16	< 10	0.48	455
B2857 - 4+50E	201	229	< 5	< 0.2	2.93	2	560	< 0.5	4	2.03	< 0.5	12	35	97	3.72	< 10	< 1	0.07	< 10	0.76	205
B2858 - 4+75E	201	229	< 5	< 0.2	1.52	< 2	250	< 0.5	6	0.62	< 0.5	11	53	41	3.94	< 10	< 1	0.08	< 10	0.57	255
B2859 - 5E	217	229	< 5	0.6	0.82	< 2	1060	< 0.5	< 2	5.89	< 0.5	5	33	213	1.09	< 10	< 1	0.05	< 10	0.48	1115
B2860 - 5+25E	201	229	< 5	0.6	3.34	2	1110	< 0.5	< 2	2.57	< 0.5	17	101	648	4.22	< 10	< 1	0.10	70	0.93	1590
B2861 - 5+50E	201	229	< 5	< 0.2	1.63	< 2	380	< 0.5	< 2	1.04	< 0.5	10	53	43	3.55	< 10	< 1	0.08	< 10	0.70	350
B2862 - 5+75E	201	229	< 5	< 0.2	2.58	< 2	750	< 0.5	< 2	1.43	< 0.5	13	54	92	4.95	< 10	< 1	0.08	< 10	0.86	590
B2863 - 6E	217	229	< 5	0.2	1.50	< 2	790	< 0.5	< 2	2.89	< 0.5	11	46	258	2.84	< 10	< 1	0.08	10	0.67	1145
B2864 - 6+25E	201	229	< 5	< 0.2	1.85	8	520	< 0.5	< 2	0.91	< 0.5	12	28	71	4.86	< 10	< 1	0.08	< 10	0.64	610
B2865 - 6+50E	201	229	< 5	< 0.2	1.82	10	400	< 0.5	< 2	0.54	< 0.5	11	28	37	5.08	< 10	< 1	0.13	< 10	0.53	450
L9+50S																					
B2866 4E	201	229	< 5	< 0.2	1.71	6	250	< 0.5	< 2	0.51	< 0.5	11	45	40	3.91	< 10	< 1	0.08	< 10	0.68	345
B2867 - 3+75E	201	229	10	< 0.2	2.29	12	400	< 0.5	< 2	0.52	< 0.5	14	62	57	5.00	< 10	< 1	0.08	< 10	0.64	555
B2868 - 3+50E	201	229	15	< 0.2	2.07	6	300	< 0.5	< 2	0.82	< 0.5	12	83	36	4.00	< 10	< 1	0.10	< 10	1.01	370
B2869 - 3+25E	201	229	< 5	< 0.2	2.55	< 2	640	< 0.5	< 2	1.16	< 0.5	17	91	98	4.20	< 10	< 1	0.17	< 10	1.20	1100
B2870 - 3E	201	229	15	< 0.2	1.40	8	210	< 0.5	< 2	0.55	< 0.5	8	39	35	4.71	< 10	< 1	0.07	< 10	0.39	245
B2871 - 2+75E	201	229	< 5	< 0.2	2.10	18	130	< 0.5	< 2	0.32	< 0.5	11	56	32	5.04	< 10	< 1	0.06	< 10	0.71	315
B2872 - 2+50E	201	229	< 5	< 0.2	3.06	16	260	< 0.5	< 2	0.55	< 0.5	17	44	60	4.65	< 10	< 1	0.08	< 10	0.93	975

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Soils 1992

Chemex Labs Ltd.

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

To: CANAMERA GEOLOGICAL LTD. ##

220 CAMBIE ST., SUITE 290
VANCOUVER, BC
V6B 2M9

Project :
Comments:

Page Number 2-A
Total Pages 3
Certificate Date 15-JUL-92
Invoice No. I-9217388
P.O. Number :
Account :

CERTIFICATE OF ANALYSIS A9217388

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
B2795 1+50E	201	229	50	< 0.2	2.35	16	190	< 0.5	< 2	0.50	< 0.5	17	72	59	5.18	< 10	< 1	0.11	< 10	1.08	535
B2796 1+75E	201	229	20	< 0.2	2.50	24	280	< 0.5	8	0.45	< 0.5	25	122	56	5.63	< 10	< 1	0.13	< 10	1.04	615
B2797 2E	201	229	40	< 0.2	3.10	20	190	< 0.5	2	0.61	< 0.5	22	130	80	5.22	< 10	< 1	0.09	< 10	1.69	590
B2798 2+25E	201	229	15	< 0.2	3.24	12	400	< 0.5	2	0.78	< 0.5	21	43	118	5.61	< 10	< 1	0.16	< 10	1.10	1355
B2799 2+50E	201	229	20	< 0.2	3.11	12	350	< 0.5	6	0.96	< 0.5	19	39	85	5.85	< 10	< 1	0.18	< 10	1.23	655
B2800 2+75E	201	229	15	< 0.2	2.17	6	460	< 0.5	2	0.72	< 0.5	19	87	54	5.02	< 10	< 1	0.11	< 10	1.08	1005
B2801 3E	201	229	25	< 0.2	2.37	10	680	< 0.5	< 2	0.74	< 0.5	23	65	76	5.11	< 10	< 1	0.14	< 10	0.96	1535
B2802 3+25E	201	229	< 5	< 0.2	2.35	18	1190	< 0.5	< 2	1.20	< 0.5	25	55	97	4.63	< 10	< 1	0.18	< 10	1.01	5210
B2803 3+50E	201	229	< 5	< 0.2	2.67	22	420	< 0.5	< 2	0.62	< 0.5	21	51	99	5.35	< 10	< 1	0.17	< 10	1.07	1460
B2804 3+75E	201	229	65	0.2	3.25	32	370	< 0.5	4	1.35	< 0.5	25	31	196	6.41	< 10	< 1	0.21	< 10	1.83	1545
B2805 4E	201	229	15	< 0.2	3.26	36	380	< 0.5	4	0.92	< 0.5	25	34	151	6.05	< 10	< 1	0.21	< 10	1.52	1405
B2806 4E	201	229	30	< 0.2	2.94	30	350	< 0.5	2	0.97	< 0.5	23	61	148	5.73	< 10	< 1	0.18	< 10	1.56	1145
B2807 3+75E	201	229	15	0.2	2.57	20	480	< 0.5	< 2	0.77	< 0.5	26	64	97	5.57	< 10	< 1	0.20	< 10	1.07	1650
B2808 3+50E	201	229	15	< 0.2	2.52	20	440	< 0.5	< 2	0.82	< 0.5	25	86	90	5.55	< 10	< 1	0.16	< 10	1.15	1315
B2809 3+25E	201	229	< 5	< 0.2	2.78	20	860	< 0.5	6	0.66	< 0.5	30	97	109	5.01	< 10	< 1	0.17	< 10	1.01	5950
B2810 3E	201	229	< 5	< 0.2	2.74	20	330	< 0.5	< 2	0.62	< 0.5	22	89	69	5.24	< 10	< 1	0.13	< 10	1.06	620
B2811 2+75E	201	229	< 5	< 0.2	2.68	14	280	< 0.5	< 2	0.67	< 0.5	24	162	98	4.26	< 10	< 1	0.13	< 10	1.87	820
B2812 2+50E	201	229	< 5	< 0.2	2.22	12	330	< 0.5	< 2	0.63	0.5	30	65	56	5.22	< 10	< 1	0.16	< 10	0.97	1365
B2813 2+25E	201	229	35	0.2	2.15	8	320	< 0.5	< 2	0.87	< 0.5	20	66	54	5.27	< 10	< 1	0.13	< 10	0.87	850
B2814 2E	201	229	15	0.2	2.75	6	340	< 0.5	4	0.66	< 0.5	24	61	61	4.89	< 10	< 1	0.13	< 10	0.89	2000
B2815 1+75E	201	229	< 5	< 0.2	2.04	4	540	< 0.5	< 2	0.43	< 0.5	33	64	52	5.10	< 10	< 1	0.12	< 10	0.65	2330
B2816 1+50E	201	229	< 5	< 0.2	1.93	14	310	< 0.5	8	0.55	< 0.5	33	82	76	5.17	< 10	< 1	0.08	< 10	0.68	1000
B2817 1+25E	201	229	35	< 0.2	1.74	10	380	< 0.5	< 2	0.65	< 0.5	17	50	50	4.26	< 10	< 1	0.12	< 10	0.61	1395
B2818 1E	201	229	< 5	< 0.2	2.18	4	210	< 0.5	6	0.48	< 0.5	17	54	46	4.56	< 10	< 1	0.10	< 10	0.87	590
B2819 0+75E	201	229	95	< 0.2	2.35	12	270	< 0.5	< 2	0.51	< 0.5	21	65	53	4.65	< 10	< 1	0.11	< 10	0.92	1085
B2820 0+50E	201	229	< 5	< 0.2	2.22	12	240	< 0.5	< 2	0.46	< 0.5	14	50	45	4.45	< 10	< 1	0.11	< 10	0.74	660
B2821 0+25E	201	229	< 5	< 0.2	1.80	12	220	< 0.5	2	0.36	< 0.5	12	49	29	4.63	< 10	< 1	0.08	< 10	0.53	420
B2822 0E	201	229	15	< 0.2	1.70	10	200	< 0.5	< 2	0.38	< 0.5	12	45	33	4.45	< 10	< 1	0.11	< 10	0.55	415
B2831	201	229	< 5	< 0.2	1.64	2	150	< 0.5	8	0.45	< 0.5	10	54	27	4.61	< 10	< 1	0.08	< 10	0.58	170
B2832	201	229	< 5	< 0.2	2.47	< 2	220	< 0.5	2	0.71	< 0.5	17	59	69	4.51	< 10	< 1	0.08	< 10	0.85	705
B2833	201	229	< 5	< 0.2	1.92	6	340	< 0.5	2	1.90	< 0.5	11	44	81	3.05	< 10	< 1	0.08	< 10	0.73	610
B2834	201	229	< 5	0.2	2.02	< 2	400	< 0.5	2	2.99	< 0.5	12	46	459	3.26	< 10	< 1	0.08	10	0.72	570
B2835 1E	201	229	< 5	< 0.2	2.64	14	210	< 0.5	2	1.17	< 0.5	20	60	103	5.18	< 10	< 1	0.13	< 10	1.02	725
B2836 1+25E	201	229	< 5	< 0.2	1.89	14	220	< 0.5	2	0.59	< 0.5	13	50	35	4.39	< 10	< 1	0.17	< 10	0.68	525
B2837 1+50E	201	229	< 5	< 0.2	1.94	4	230	< 0.5	2	0.67	< 0.5	12	48	36	4.44	< 10	< 1	0.13	< 10	0.69	310
B2838 1+75E	201	229	< 5	< 0.2	1.74	6	200	< 0.5	4	0.62	< 0.5	13	65	45	3.90	< 10	< 1	0.11	< 10	0.98	415
B2839 2E	201	229	< 5	< 0.2	1.90	< 2	400	< 0.5	2	0.55	< 0.5	15	59	42	3.77	< 10	< 1	0.13	< 10	0.73	680
B2840 2+25E	201	229	< 5	< 0.2	1.79	4	240	< 0.5	2	0.49	< 0.5	10	46	34	3.48	< 10	< 1	0.14	< 10	0.75	320
B2841 2+50E	217	229	< 5	< 0.2	1.60	< 2	330	< 0.5	< 2	2.54	< 0.5	12	63	95	2.59	< 10	< 1	0.17	< 10	0.89	525
B2842 2+75E	201	229	< 5	< 0.2	1.53	< 2	400	< 0.5	2	2.25	< 0.5	10	58	56	2.83	< 10	< 1	0.10	< 10	0.78	540

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06/18/93 3:04PM CHEMEX LABS VAX-FAX PAGE 04

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Chemex Labs Ltd.

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

To: CANAMERA GEOLOGICAL LTD. ##
220 CAMBIE ST., SUITE 290
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SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L0+50N																					
B2755 - 0+00	201	229	30	< 0.2	2.22	16	140	< 0.5	< 2	0.52	< 0.5	16	45	101	5.50	< 10	< 1	0.09	< 10	0.91	420
B2756 - 0+25E	201	229	70	< 0.2	2.60	18	410	< 0.5	2	0.73	< 0.5	24	52	170	6.05	< 10	< 1	0.12	< 10	0.83	1255
B2756.5 0+50E	201	229	20	< 0.2	3.15	20	170	< 0.5	8	0.86	< 0.5	22	47	402	5.64	< 10	< 1	0.09	< 10	1.53	805
B2757 - 0+75E	201	229	5	< 0.2	1.98	2	370	< 0.5	4	0.50	< 0.5	17	47	36	5.06	< 10	< 1	0.08	< 10	0.60	1650
B2758 - 1E	201	229	15	< 0.2	2.71	32	190	< 0.5	4	0.73	< 0.5	16	49	90	5.34	< 10	< 1	0.14	< 10	0.89	310
B2759 1+25E	201	229	45	< 0.2	1.97	16	220	< 0.5	2	0.51	< 0.5	14	43	37	4.97	< 10	< 1	0.09	< 10	0.69	445
B2760 - 1+50E	201	229	20	< 0.2	2.50	14	230	< 0.5	< 2	0.40	< 0.5	16	48	53	5.46	< 10	< 1	0.08	< 10	0.82	395
B2761 - 1+75E	201	229	10	< 0.2	2.17	14	230	< 0.5	< 2	0.69	< 0.5	21	41	60	5.28	< 10	< 1	0.12	< 10	0.66	1240
B2762 - 2E	201	229	15	0.2	2.92	20	290	< 0.5	4	0.40	< 0.5	20	52	66	6.02	< 10	< 1	0.08	< 10	0.79	890
B2763 - 2+25E	201	229	35	< 0.2	2.04	10	320	< 0.5	2	0.43	< 0.5	15	43	39	4.90	< 10	< 1	0.07	< 10	0.61	775
B2764 - 2+50E	201	229	15	< 0.2	2.35	12	320	< 0.5	6	0.57	< 0.5	13	41	49	5.34	< 10	< 1	0.10	< 10	0.97	435
B2765 - 2+75E	201	229	< 5	< 0.2	3.56	18	460	< 0.5	2	0.50	< 0.5	21	63	98	5.27	< 10	< 1	0.12	< 10	1.03	1215
B2766 - 3E	201	229	< 5	< 0.2	2.47	< 2	660	< 0.5	6	0.50	< 0.5	19	60	51	5.58	< 10	< 1	0.13	< 10	0.81	875
B2767 - 3+25E	201	229	< 5	< 0.2	2.55	< 2	360	< 0.5	< 2	0.50	< 0.5	21	49	67	5.20	< 10	< 1	0.13	< 10	0.74	2350
B2768 - 3+50E	201	229	20	< 0.2	2.46	10	420	< 0.5	4	0.64	< 0.5	22	43	56	4.64	< 10	< 1	0.10	< 10	0.71	2030
B2769 - 3+75E	201	229	< 5	< 0.2	2.45	< 2	230	< 0.5	2	0.46	< 0.5	13	41	41	5.07	< 10	< 1	0.09	< 10	0.80	475
B2770 - 4E	201	229	25	< 0.2	3.42	14	200	< 0.5	2	0.83	< 0.5	21	39	132	5.62	< 10	< 1	0.11	< 10	1.17	565
B2772 - 4E	201	229	< 5	< 0.2	2.19	12	290	< 0.5	< 2	0.61	< 0.5	14	35	45	5.62	< 10	< 1	0.11	< 10	0.75	415
L0																					
B2773 - 3+75E	201	229	< 5	0.2	2.54	12	600	< 0.5	4	0.83	< 0.5	21	61	155	5.24	< 10	< 1	0.08	< 10	0.99	1570
B2774 - 3+50E	201	229	< 5	< 0.2	3.09	12	720	< 0.5	< 2	1.04	< 0.5	35	73	112	5.70	< 10	< 1	0.13	10	0.91	3670
B2775 - 5+25E	201	229	40	< 0.2	2.82	12	400	< 0.5	< 2	0.59	< 0.5	20	51	45	6.15	< 10	< 1	0.12	< 10	0.72	955
B2776 - 3E	201	229	25	< 0.2	3.48	< 2	460	< 0.5	4	0.62	< 0.5	23	67	104	5.46	< 10	< 1	0.13	< 10	1.20	1435
B2777 - 2+75E	201	229	< 5	< 0.2	2.72	12	290	< 0.5	< 2	0.65	< 0.5	19	48	56	5.96	< 10	< 1	0.09	< 10	0.94	595
B2778 - 2+50E	201	229	25	< 0.2	2.83	10	380	< 0.5	6	0.49	< 0.5	20	88	55	5.59	< 10	< 1	0.10	10	1.15	710
B2779 - 2+25E	201	229	10	< 0.2	2.48	2	390	< 0.5	2	0.46	< 0.5	15	43	48	5.05	< 10	< 1	0.10	< 10	0.75	570
B2780 - 2E	201	229	40	< 0.2	2.33	10	260	< 0.5	< 2	0.47	< 0.5	15	40	53	4.80	< 10	< 1	0.09	< 10	0.87	695
B2781 - 1+75E	201	229	5	< 0.2	2.18	< 2	340	< 0.5	4	0.42	< 0.5	14	43	50	4.86	< 10	< 1	0.08	< 10	0.65	720
B2782 - 1+50E	201	229	10	< 0.2	1.98	16	810	< 0.5	< 2	0.93	< 0.5	23	38	70	5.39	< 10	< 1	0.14	< 10	0.68	1470
B2783 - 1+25E	201	229	40	< 0.2	1.97	4	350	< 0.5	2	0.59	< 0.5	14	51	33	4.54	< 10	< 1	0.11	< 10	0.69	695
B2784 - 1E	201	229	< 5	< 0.2	1.95	10	360	< 0.5	< 2	0.49	< 0.5	17	44	34	4.75	< 10	< 1	0.09	< 10	0.63	880
B2785 - 6+75E	201	229	< 5	< 0.2	1.78	14	300	< 0.5	2	0.66	< 0.5	17	41	48	5.17	< 10	< 1	0.14	< 10	0.73	760
B2786 - 6+50E	201	229	< 5	0.2	2.25	20	560	< 0.5	< 2	0.89	< 0.5	23	42	65	5.13	< 10	< 1	0.16	< 10	0.85	2840
B2787 - 8+25E	201	229	< 5	0.4	1.47	6	780	< 0.5	< 2	2.04	< 0.5	22	40	112	3.51	< 10	< 1	0.21	< 10	0.55	3510
B2788 C+00	201	229	< 5	0.2	2.12	8	530	< 0.5	< 2	1.18	< 0.5	20	47	84	4.85	< 10	< 1	0.17	< 10	0.80	3190
L3+50N																					
B2789 C+00	201	229	< 5	< 0.2	1.82	10	200	< 0.5	4	0.42	< 0.5	12	43	43	4.58	< 10	< 1	0.09	< 10	0.74	340
B2790 0+25E	201	229	< 5	< 0.2	1.89	6	370	< 0.5	2	0.60	< 0.5	16	92	49	4.47	< 10	< 1	0.12	< 10	0.76	685
B2791 - 0+50E	201	229	< 5	< 0.2	1.97	14	460	< 0.5	2	0.41	< 0.5	21	87	48	4.55	< 10	< 1	0.09	< 10	0.79	905
B2792 - 0+75E	201	229	< 5	< 0.2	2.93	8	370	< 0.5	4	0.68	< 0.5	33	227	73	7.51	< 10	< 1	0.15	< 10	1.89	1280
B2793 - 1E	201	229	< 5	< 0.2	2.09	16	510	< 0.5	2	0.65	< 0.5	26	62	84	5.51	< 10	< 1	0.17	< 10	0.74	2340
B2794 - 1+25E	201	229	< 5	< 0.2	2.28	< 2	330	< 0.5	4	0.60	< 0.5	17	38	60	5.46	< 10	< 1	0.12	< 10	0.92	665

CERTIFICATION: _____

06/18/93 3:01PM CHEMEX LABS VAX-FAX PAGE 02

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

REPORT: V93-00783.0 (COMPLETE)

REFERENCE:

CLIENT: CANAMERA GEOLOGICAL LTD.

SUBMITTED BY: UNKNOWN

PROJECT: CHID 93

DATE PRINTED: 23-AUG-93

	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
1	Au	Gold	36	5 PPB	FIRE ASSAY	FIRE ASSAY @ 30 G
2	Ag	Silver	36	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Cu	Copper	36	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Pb	Lead	36	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Zn	Zinc	36	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Mo	Molybdenum	36	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Ni	Nickel	36	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	Co	Cobalt	36	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Cd	Cadmium	36	1.0 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	Bi	Bismuth	36	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	As	Arsenic	36	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Sb	Antimony	36	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Fe	Iron	36	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Mn	Manganese	36	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Te	Tellurium	36	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	Ba	Barium	36	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Cr	Chromium	36	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	V	Vanadium	36	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Sn	Tin	36	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	W	Tungsten	36	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	La	Lanthanum	36	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Al	Aluminum	36	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Mg	Magnesium	36	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Ca	Calcium	36	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Na	Sodium	36	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	K	Potassium	36	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	Sr	Strontium	36	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Y	Yttrium	36	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER
S SOIL	21
T STREAM SED, SILT	15

SIZE FRACTIONS	NUMBER
1 -80	36

SAMPLE PREPARATIONS	NUMBER
DRY, SIEVE -80	36

REPORT COPIES TO: MR. JOHN DUPUIS
MR. BILL DYNES

INVOICE TO: MR. JOHN DUPUIS

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

DATE PRINTED: 23-AUG-93

REPORT: V93-00783.0 (COMPLETE)

PROJECT: CHID 93 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
L105 3+60E		<5	<.2	48	6	55	<1	18	10	<1.0	<5	18	<5	2.53	308	<10	151	46	86	<20	<20	4	1.24	0.57	0.43	0.02	0.12	50	3
L105 3+70E		6	<.2	52	4	50	2	17	9	<1.0	<5	11	<5	2.70	272	<10	127	46	93	<20	<20	4	1.36	0.52	0.38	0.02	0.07	54	3
L105 3+80E		6	<.2	59	4	52	<1	26	12	<1.0	<5	14	<5	2.98	311	<10	114	65	103	<20	<20	4	1.53	0.82	0.50	0.02	0.08	50	3
L105 3+90E		<5	<.2	55	3	55	<1	29	12	<1.0	<5	12	6	2.59	350	<10	136	74	87	<20	<20	5	1.68	1.04	0.72	0.04	0.08	62	5
L105 4+00E		24	<.2	57	4	69	<1	28	13	<1.0	<5	9	<5	2.68	448	<10	135	74	88	<20	<20	5	1.55	0.96	0.64	0.03	0.09	56	4
L10+60S 4+20E		6	<.2	170	3	52	<1	16	15	<1.0	<5	9	<5	3.33	289	<10	140	32	128	<20	<20	3	2.54	1.01	0.52	0.03	0.06	54	3
L10+60S 4+30E		12	<.2	272	5	63	<1	19	22	<1.0	<5	18	<5	4.75	803	<10	146	21	181	<20	<20	7	1.72	0.48	0.46	0.01	0.10	37	15
L10+60S 4+40E		14	<.2	87	21	135	<1	14	19	<1.0	<5	30	<5	4.52	514	<10	179	18	195	<20	<20	2	2.72	1.04	0.47	0.03	0.09	40	3
L10+60S 4+50E		14	<.2	101	16	153	<1	18	22	1.1	<5	25	<5	4.74	544	<10	258	24	196	<20	<20	3	2.48	0.95	0.52	0.03	0.14	42	3
L10+60S 4+60E		<5	<.2	85	16	201	<1	16	21	<1.0	<5	26	<5	4.99	557	<10	247	22	224	<20	<20	2	2.72	1.03	0.55	0.03	0.14	42	3
EL-3		<5	<.2	128	10	119	<1	594	64	2.2	<5	48	28	5.88	1907	<10	271	503	110	<20	<20	3	0.71	2.23	6.73	<.01	0.04	137	10
EL-9		14	0.3	129	14	143	<1	19	26	<1.0	<5	16	7	3.66	2197	<10	578	23	72	<20	<20	12	1.57	0.55	1.32	0.01	0.24	93	23
EL-11		<5	<.2	90	<2	42	<1	24	21	<1.0	7	15	5	3.45	971	<10	261	15	63	<20	<20	3	0.79	0.22	0.84	<.01	0.20	32	9
EL-12		24	<.2	362	<2	57	<1	8	15	1.2	<5	124	14	2.35	641	<10	107	4	48	<20	<20	3	0.92	0.13	0.78	<.01	0.31	33	8
EL-14		30	<.2	90	38	224	<1	48	44	2.4	<5	29	9	5.88	1376	<10	175	27	290	<20	<20	<1	0.93	1.01	8.55	0.03	0.16	153	11
A001115		362	2.5	729	59	302	2	17	73	12.0	<5	>2000	23	6.06	2456	<10	93	9	164	<20	<20	12	2.94	1.39	1.01	0.03	0.41	60	21
A001116		415	2.9	483	188	218	3	6	44	12.4	<5	>2000	20	6.67	1304	<10	106	8	108	<20	<20	7	2.17	0.91	0.22	0.05	0.51	55	9
A001117		418	1.7	630	140	501	<1	9	57	31.9	<5	>2000	33	6.54	2040	<10	130	10	138	<20	<20	16	2.29	1.17	0.77	0.03	0.66	59	21
A001118		574	5.8	522	2351	1672	17	8	44	157.5	<5	>2000	155	8.10	2959	<10	174	7	91	<20	<20	27	1.61	0.64	0.42	0.02	0.39	76	41
A001119		62	<.2	249	63	248	3	11	24	2.9	<5	1413	13	5.38	1539	<10	152	14	141	<20	<20	11	2.19	1.09	0.88	0.02	0.50	67	12
A001120		930	4.9	385	538	317	32	4	13	10.8	8	>2000	22	5.72	2424	<10	213	5	29	<20	<20	29	0.68	0.16	0.09	0.01	0.30	42	18
A1034		20	<.2	139	16	89	5	18	18	<1.0	<5	55	11	4.66	1060	<10	482	22	135	<20	<20	9	1.30	0.96	1.58	0.02	0.15	98	13
A1035		17	<.2	139	12	82	1	15	17	<1.0	<5	40	7	4.20	1018	<10	508	18	107	<20	<20	9	1.24	0.84	1.77	0.02	0.16	110	13
A1036		14	<.2	140	11	87	3	16	17	<1.0	<5	35	<5	4.35	1018	<10	536	20	119	<20	<20	10	1.39	0.89	1.72	0.02	0.18	108	14
A1037		18	<.2	121	12	79	<1	21	16	<1.0	<5	32	<5	4.27	944	<10	535	33	119	<20	<20	10	1.36	0.94	1.48	0.02	0.15	91	14
ET-2		27	<.2	143	24	133	4	17	20	1.3	<5	50	<5	6.50	839	<10	206	22	337	<20	<20	6	1.57	1.05	1.25	0.04	0.11	66	11
ET-5		30	<.2	266	41	222	2	16	29	1.6	<5	78	9	6.14	1449	<10	344	10	265	<20	<20	7	2.60	1.44	1.18	0.05	0.23	68	17
ET-6		28	<.2	186	44	193	<1	17	24	1.7	<5	52	8	6.30	1104	<10	245	11	294	<20	<20	7	1.84	1.25	1.26	0.05	0.14	60	13
ET-7		378	<.2	148	37	154	<1	17	23	1.3	<5	30	<5	5.97	922	<10	190	15	294	<20	<20	6	1.75	1.15	1.12	0.05	0.12	56	10
ET-8		6	<.2	110	10	72	<1	31	15	<1.0	<5	29	<5	3.44	922	<10	424	54	89	<20	<20	9	1.29	0.85	1.19	0.02	0.14	84	11

BONDAR-CLEGG

Geochemical Lab Report

Inchcap Testing Services

DATE PRINTED: 23-AUG-93

REPORT: V93-00783.0 (COMPLETE)

PROJECT: CHID 93 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
ET-10		6	<.2	101	7	74	2	28	14	<1.0	<5	13	<5	3.38	821	<10	467	54	84	<20	<20	9	1.17	0.81	1.31	0.02	0.13	90	10
ET-15		37	<.2	244	55	215	<1	14	26	2.1	<5	517	9	5.49	1353	<10	188	14	231	<20	<20	8	2.79	1.48	1.47	0.07	0.29	123	12
C006700		9	<.2	108	6	53	<1	19	17	<1.0	<5	<5	<5	3.87	828	<10	489	32	106	<20	<20	6	1.02	0.50	0.97	0.01	0.19	55	10
C006702		14	<.2	98	4	54	<1	14	13	<1.0	<5	<5	<5	3.53	783	<10	502	24	91	<20	<20	11	1.02	0.52	1.18	0.01	0.21	99	11
C006703		9	<.2	134	3	54	2	16	13	<1.0	<5	13	<5	3.32	991	<10	626	23	74	<20	<20	13	0.93	0.61	1.89	0.01	0.21	132	13
C006704		<5	<.2	126	4	45	2	13	11	<1.0	<5	<5	<5	3.36	749	<10	610	27	87	<20	<20	13	0.95	0.55	1.62	0.01	0.20	119	12

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

DATE PRINTED: 23-AUG-93

REPORT: V93-00783.0 (COMPLETE)

PROJECT: CHID 93 PAGE 3

STANDARD NAME	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
HIGH GOLD STANDARD		513	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		513	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CCC GEOCHEM STD 4		-	<.2	359	34	282	6	43	9	1.6	<5	58	<5	2.81	585	<10	83	79	7	<20	<20	4	0.91	1.14	1.75	0.06	0.19	50	4
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.1	359	34	282	6	43	9	1.6	3	58	3	2.81	585	5	83	79	7	10	10	4	0.91	1.14	1.75	0.06	0.19	50	4
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.5	290	33	255	4	42	9	0.8	2	30	-	2.40	600	0.2	64	77	9	1	1	4	0.77	1.34	1.43	0.04	0.14	39	4
LOW AU STANDARD		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANALYTICAL BLANK		-	<.2	<1	<2	<1	<1	<1	<1	<1.0	<5	<5	<5	<.01	<1	<10	<2	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.1	0.5	1	0.5	0.5	0.5	0.5	0.5	3	3	3	.005	0.5	5	1	0.5	0.5	10	10	0.5	.005	.005	.005	.005	.005	0.5	0.5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		5	0.2	1	2	1	1	1	1	1.0	5	5	5	0.01	1	10	2	1	1	20	20	1	0.01	0.01	0.01	0.01	0.01	1	1

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

REPORT: V93-00787.0 (COMPLETE)

REFERENCE:

CLIENT: CANAMERA GEOLOGICAL LTD.

SUBMITTED BY: UNKNOWN

PROJECT: CHID 93

DATE PRINTED: 23-AUG-93

	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
1	Au	Gold	68	5 PPB	FIRE ASSAY	FIRE ASSAY @ 30 G
2	Ag	Silver	68	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Cu	Copper	68	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Pb	Lead	68	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Zn	Zinc	68	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Mo	Molybdenum	68	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Ni	Nickel	68	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	Co	Cobalt	68	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Cd	Cadmium	68	1.0 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	Bi	Bismuth	68	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	As	Arsenic	68	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Sb	Antimony	68	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Fe	Iron	68	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Mn	Manganese	68	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Te	Tellurium	68	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	Ba	Barium	68	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Cr	Chromium	68	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	V	Vanadium	68	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Sn	Tin	68	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	W	Tungsten	68	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	La	Lanthanum	68	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Al	Aluminum	68	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Mg	Magnesium	68	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Ca	Calcium	68	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Na	Sodium	68	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	K	Potassium	68	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	Sr	Strontium	68	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Y	Yttrium	68	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOIL	69	1 -80	69	DRY, SIEVE -80	69

REMARKS: "IS" denotes insufficient sample.

REPORT COPIES TO: MR. JOHN DUPUIS
MR. BILL DYNES

INVOICE TO: MR. JOHN DUPUIS

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

DATE PRINTED: 23-AUG-93

REPORT: V93-00787.0 (COMPLETE)

PROJECT: CHID 93 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
CH93 A001121		<5	<0.2	77	8	94	<1	17	15	<1.0	<5	19	<5	5.32	1338	<10	422	35	138	<20	<20	5	2.61	0.59	0.45	0.01	0.12	40	4
CH93 A001122		<5	<0.2	98	9	168	<1	27	23	<1.0	<5	14	8	5.23	1784	<10	346	51	139	<20	<20	6	2.49	0.88	0.66	0.02	0.16	55	5
CH93 A001123		<5	<0.2	177	11	189	4	27	26	<1.0	<5	22	6	5.68	1914	<10	435	39	187	<20	<20	4	3.97	1.12	0.84	0.03	0.13	70	4
CH93 A001124		22	<0.2	179	7	115	2	23	26	<1.0	<5	14	7	6.23	789	<10	183	28	209	<20	<20	3	3.54	1.27	0.71	0.03	0.09	50	5
CH93 A001125		8	<0.2	162	9	113	<1	18	26	<1.0	<5	20	8	6.41	966	<10	250	18	210	<20	<20	4	2.78	0.99	0.69	0.02	0.08	43	6
CH93 A001126		10	<0.2	88	12	136	3	21	16	1.2	<5	27	7	4.77	471	<10	88	26	171	<20	<20	4	3.52	0.94	0.35	0.02	0.05	20	4
CH93 A001127		<5	<0.2	90	22	155	<1	17	16	<1.0	<5	24	<5	5.29	1184	<10	148	26	177	<20	<20	5	2.74	0.75	0.35	0.02	0.08	34	4
CH93 A001128		<5	<0.2	125	31	123	2	24	21	<1.0	<5	21	<5	4.79	1025	<10	126	40	183	<20	<20	4	2.28	0.97	0.54	0.07	0.10	29	5
CH93 A001129		13	<0.2	111	25	118	2	22	18	<1.0	<5	28	<5	5.24	615	<10	117	28	196	<20	<20	6	2.74	0.96	0.49	0.03	0.09	32	6
CH93 A001130		35	<0.2	113	14	107	<1	20	24	<1.0	<5	14	<5	5.16	1283	<10	425	17	186	<20	<20	2	4.50	1.08	1.27	0.07	0.11	159	3
CH93 A001131		20	<0.2	164	15	123	2	19	28	<1.0	<5	35	8	5.91	1488	<10	275	15	182	<20	<20	2	2.40	0.95	0.63	0.02	0.10	47	3
CH93 A001132		<5	<0.2	97	12	104	1	23	20	<1.0	<5	20	<5	4.70	1166	<10	198	39	137	<20	<20	4	2.37	0.82	0.43	0.02	0.10	37	4
CH93 A001133		35	<0.2	106	14	112	<1	17	22	<1.0	<5	12	<5	4.67	1869	<10	325	18	145	<20	<20	3	3.19	0.77	0.68	0.03	0.15	65	3
CH93 A001134		93	<0.2	166	6	81	1	14	21	<1.0	<5	9	<5	4.87	581	<10	119	14	175	<20	<20	3	3.84	0.83	0.49	0.04	0.07	52	4
CH93 A001135		35	<0.2	122	8	103	<1	16	19	<1.0	<5	15	<5	4.45	1114	<10	131	17	157	<20	<20	3	3.94	0.77	0.60	0.05	0.08	70	3
CH93 A001136		35	<0.2	125	15	91	3	15	17	<1.0	<5	31	7	4.72	509	<10	130	16	159	<20	<20	5	3.11	0.77	0.63	0.06	0.08	61	4
CH93 A001137		16	<0.2	94	12	95	3	15	17	<1.0	<5	17	<5	4.61	784	<10	194	19	147	<20	<20	3	2.74	0.83	0.64	0.03	0.13	52	3
CH93 A001138		38	<0.2	114	10	78	2	13	17	<1.0	<5	6	<5	4.37	787	<10	99	16	157	<20	<20	3	3.21	0.81	0.40	0.04	0.06	38	3
CH93 A001139		74	<0.2	148	13	101	<1	18	20	<1.0	<5	28	<5	4.88	834	<10	261	23	151	<20	<20	4	2.55	0.79	0.64	0.04	0.13	48	5
CH93 A001140		45	<0.2	170	13	109	3	16	19	<1.0	<5	21	<5	4.69	802	<10	188	17	155	<20	<20	4	2.86	0.80	0.46	0.04	0.08	38	5
CH93 A001141		19	<0.2	191	18	89	<1	16	20	<1.0	<5	24	6	4.31	865	<10	193	18	139	<20	<20	6	2.19	0.87	0.62	0.03	0.13	40	7
CH93 A001142		40	<0.2	114	26	95	<1	17	20	1.2	<5	26	6	4.57	1162	<10	221	21	150	<20	<20	4	2.22	0.77	0.54	0.02	0.11	42	5
CH93 A001143		39	<0.2	138	16	90	<1	18	19	<1.0	<5	27	5	4.82	520	<10	75	24	167	<20	<20	3	2.19	0.93	0.42	0.02	0.09	28	3
CH93 L0+00N 1+90W		42	<0.2	431	4	65	<1	22	26	<1.0	<5	32	<5	4.40	871	<10	156	29	154	<20	<20	4	2.89	1.23	1.28	0.03	0.18	99	6
CH93 L0+00N 2+00W		18	<0.2	351	5	50	<1	20	21	<1.0	<5	17	<5	3.28	816	<10	158	26	100	<20	<20	6	1.56	1.04	1.81	0.02	0.07	59	9
CH93 L0+00N 2+10W		10	<0.2	161	10	66	3	21	16	<1.0	<5	19	5	3.57	664	<10	160	31	108	<20	<20	7	1.71	0.72	1.39	0.03	0.07	58	8
CH93 L0+00N 2+20W		293	<0.2	120	12	74	1	24	17	<1.0	<5	16	<5	3.67	508	<10	249	35	106	<20	<20	7	1.79	0.71	0.85	0.03	0.11	49	7
CH93 L0+00N 2+30W		58	<0.2	124	9	62	2	20	16	<1.0	<5	21	<5	4.15	670	<10	170	35	134	<20	<20	7	1.64	0.74	0.85	0.03	0.08	45	8
CH93 L0+00N 2+40W		6	<0.2	122	8	64	1	27	16	<1.0	<5	27	<5	3.83	472	<10	212	42	118	<20	<20	4	2.01	0.79	0.54	0.03	0.09	43	4
CH93 L0+00N 2+50W		<5	<0.2	79	8	66	4	41	16	<1.0	<5	21	7	3.27	378	<10	157	76	101	<20	<20	5	2.13	1.02	0.45	0.03	0.08	35	4

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

DATE PRINTED: 23-AUG-93

REPORT: V93-00787.0 (COMPLETE) PROJECT: CHID 93 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
CH93 L1+90S 1+10W		6	<0.2	171	4	72	2	30	21	<1.0	<5	22	21	4.36	366	<10	212	41	135	<20	<20	4	2.74	0.84	0.50	0.03	0.09	50	5
CH93 L1+90S 1+20W		<5	<0.2	90	7	74	<1	24	17	<1.0	<5	10	<5	3.90	504	<10	316	39	131	<20	<20	4	2.27	0.75	0.46	0.03	0.06	50	3
CH93 L1+90S 1+30W		40	<0.2	59	10	132	2	18	15	<1.0	<5	14	<5	4.01	838	<10	281	34	122	<20	<20	4	1.94	0.54	0.32	0.02	0.05	38	3
CH93 L1+90S 1+40W		11	<0.2	101	9	66	4	30	15	<1.0	<5	20	<5	3.91	372	<10	226	39	119	<20	<20	5	2.25	0.77	0.33	0.02	0.05	35	4
CH93 L1+90S 1+50W		<5	<0.2	75	9	75	4	20	15	<1.0	<5	21	<5	4.29	414	<10	126	37	149	<20	<20	4	2.25	0.65	0.33	0.02	0.05	38	3
CH93 L1+90S 1+60W		10	<0.2	105	7	83	3	18	19	<1.0	<5	<5	<5	4.30	342	<10	87	25	173	<20	<20	3	2.53	0.99	0.37	0.03	0.04	37	2
CH93 L1+90S 1+70W		23	<0.2	143	13	78	<1	37	17	<1.0	<5	20	<5	3.84	374	<10	205	38	139	<20	<20	3	2.07	0.88	0.47	0.02	0.04	35	4
CH93 L2+00S 0+00W		<5	<0.2	76	5	45	<1	22	16	<1.0	<5	9	<5	3.43	271	<10	123	31	115	<20	<20	3	1.83	0.84	0.41	0.03	0.06	45	3
CH93 L2+00S 0+12.5W		<5	<0.2	56	5	68	4	15	12	<1.0	<5	10	<5	3.26	284	<10	194	36	111	<20	<20	4	1.70	0.66	0.56	0.02	0.05	73	3
CH93 L2+00S 0+25W		<5	<0.2	43	5	35	2	12	9	<1.0	<5	9	<5	2.93	197	<10	133	31	100	<20	<20	2	1.26	0.50	0.89	0.02	0.03	71	2
CH93 L2+00S 0+37.5W		17	<0.2	83	4	35	4	14	13	<1.0	<5	12	5	2.87	233	<10	110	36	93	<20	<20	3	1.21	0.58	0.69	0.02	0.04	61	4
CH93 L2+00S 0+62.5W		<5	<0.2	77	7	47	<1	28	14	<1.0	<5	15	<5	3.52	254	<10	242	46	101	<20	<20	4	2.56	0.61	0.39	0.02	0.04	39	4
CH93 L2+00S 0+75W		6	<0.2	136	4	68	<1	17	22	<1.0	<5	14	<5	4.35	314	<10	72	18	191	<20	<20	1	3.18	1.21	0.38	0.03	0.04	46	2
CH93 L2+00S 0+87.5W		<5	<0.2	101	2	48	2	28	15	<1.0	<5	28	<5	3.81	334	<10	208	41	119	<20	<20	4	2.47	0.80	0.42	0.03	0.05	45	4
CH93 L2+00S 1+00W		16	<0.2	105	4	62	<1	28	16	<1.0	<5	11	<5	3.60	302	<10	254	38	116	<20	<20	4	2.45	0.79	0.46	0.03	0.06	52	4
CH93 L2+00S 1+12.5W		<5	<0.2	79	9	134	5	22	19	<1.0	<5	<5	<5	3.88	425	<10	264	38	121	<20	<20	4	2.17	0.66	0.39	0.03	0.07	43	3
CH93 L2+00S 1+25W		<5	<0.2	43	4	89	2	15	11	<1.0	<5	11	<5	3.44	273	<10	191	31	121	<20	<20	4	1.57	0.39	0.24	0.02	0.05	32	2
CH93 L2+00S 1+37.5W		10	<0.2	40	3	62	2	11	11	<1.0	<5	8	<5	2.82	642	<10	149	30	102	<20	<20	5	1.37	0.35	0.23	0.02	0.04	30	2
CH93 L2+00S 1+50W		6	<0.2	92	3	74	4	30	21	<1.0	<5	14	<5	3.97	426	<10	140	37	141	<20	<20	3	2.93	1.00	0.36	0.03	0.05	33	3
CH93 L2+00S 1+62.5W		<5	<0.2	102	5	77	2	29	19	<1.0	<5	17	5	3.93	383	<10	126	40	144	<20	<20	3	2.67	0.97	0.39	0.03	0.06	43	3
CH93 L2+00S 1+75W		20	<0.2	109	7	74	<1	31	17	1.1	<5	17	<5	3.67	347	<10	128	48	119	<20	<20	3	2.58	0.90	0.42	0.02	0.07	45	3
CH93 L2+00S 1+87.5W		IS																											
CH93 L2+00S 2+00W		71	<0.2	86	7	67	3	24	16	<1.0	<5	10	<5	3.65	812	<10	208	42	125	<20	<20	4	2.13	0.72	0.44	0.02	0.07	44	3
CH93 L0+50N 0+87.5E		6	<0.2	53	14	94	<1	16	13	1.6	<5	15	<5	3.57	1045	<10	262	34	119	<20	<20	6	1.57	0.45	0.28	0.02	0.07	33	2
CH93 L0+50N 1+12.5E		19	<0.2	54	2	43	3	22	13	<1.0	<5	13	<5	3.05	330	<10	90	54	98	<20	<20	3	1.49	0.68	0.41	0.02	0.07	43	3
CH93 L0+50N 1+62.5E		13	<0.2	86	9	78	2	26	15	<1.0	<5	21	5	4.00	361	<10	173	40	131	<20	<20	4	2.23	0.79	0.34	0.02	0.06	38	3
CH93 L0+60N 1+00E		8	<0.2	60	8	80	<1	21	16	<1.0	<5	18	<5	3.62	1042	<10	192	43	120	<20	<20	5	1.96	0.56	0.28	0.02	0.06	36	2
CH93 L0+60N 1+10E		9	<0.2	91	7	78	2	22	17	<1.0	<5	12	6	3.48	523	<10	163	40	115	<20	<20	4	1.82	0.66	0.31	0.02	0.06	35	3
CH93 L0+60N 1+20E		20	<0.2	71	9	57	<1	17	12	<1.0	<5	20	<5	3.90	324	<10	166	35	140	<20	<20	4	1.88	0.63	0.30	0.02	0.07	33	3
CH93 L0+60N 1+30E		6	<0.2	65	11	83	<1	17	11	<1.0	<5	19	6	3.50	428	<10	202	33	118	<20	<20	4	1.85	0.61	0.34	0.02	0.06	37	3

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

EPORT: V93-00787.0 (COMPLETE)

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PROJECT: CHID 93 PAGE 3

AMPLE UMBER	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
:H93	L0+60N 1+40E	6	<0.2	65	8	65	<1	15	12	<1.0	<5	12	<5	3.29	330	<10	158	28	113	<20	<20	4	1.55	0.56	0.32	0.02	0.06	33	2
:H93	L0+60N 1+50E	9	<0.2	96	13	60	<1	19	13	<1.0	<5	30	<5	3.48	293	<10	122	29	114	<20	<20	5	1.84	0.71	0.37	0.02	0.05	33	4
:H93	L0+60N 1+60E	7	<0.2	174	9	75	<1	32	19	<1.0	<5	21	<5	4.47	410	<10	145	43	168	<20	<20	5	2.59	0.96	0.43	0.02	0.08	37	5
:H93	L0+60N 1+70E	32	<0.2	78	11	76	1	21	13	<1.0	<5	29	<5	3.85	295	<10	148	35	131	<20	<20	4	2.24	0.68	0.26	0.02	0.07	33	3
:H93	L0+60N 1+80E	6	<0.2	91	5	65	<1	23	14	<1.0	<5	25	<5	4.00	337	<10	137	35	148	<20	<20	3	1.85	0.69	0.41	0.02	0.06	38	3
CH93	L0+60N 1+90E	<5	<0.2	61	7	62	5	18	13	<1.0	<5	14	<5	3.48	350	<10	170	31	124	<20	<20	3	1.56	0.60	0.32	0.02	0.07	32	2
CH93	L0+60N 2+00E	25	<0.2	62	10	121	<1	18	13	<1.0	<5	30	<5	3.52	474	<10	184	33	115	<20	<20	5	1.62	0.61	0.30	0.02	0.06	31	2
CH93	L2+00N 1+37.5E	6	<0.2	63	8	83	<1	18	13	<1.0	<5	20	<5	3.73	614	<10	165	35	127	<20	<20	4	1.82	0.60	0.27	0.02	0.06	30	3
CH93	L2+00W 1+87.5	10	<0.2	113	5	60	<1	31	16	<1.0	<5	17	<5	3.82	361	<10	137	47	141	<20	<20	4	2.49	0.82	0.34	0.02	0.07	43	3

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

DATE PRINTED: 23-AUG-93

PROJECT: CHID 93 PAGE 4

PORT: V93-00787.0 (COMPLETE)

ANDARD ME	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
IGH GOLD STANDARD		498	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mber of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ean Value		498	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value		500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CC GEOCHEM STD 3		-	4.1	819	193	465	499	481	36	3.5	<5	284	-	3.81	688	<10	226	148	33	<20	<20	6	5.02	2.55	4.86	0.33	0.21	80	4
umber of Analyses		-	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ean Value		-	4.1	819	193	465	499	481	36	3.5	3	284	-	3.81	688	5	226	148	33	10	10	6	5.02	2.55	4.86	0.33	0.21	80	4
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value		-	5.0	820	250	500	600	600	40	2.0	4	320	50	5.00	850	0.2	220	150	34	16	8	6	5.10	4.90	5.13	0.30	0.20	78	6
OW AU STANDARD		17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
lumber of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
lean Value		17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value		17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NALYTICAL BLANK		<5	<0.2	<1	<2	<1	<1	<1	<1	<1.0	<5	<5	<5	<.01	<1	<10	<2	2	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1
NALYTICAL BLANK		<5	<0.2	<1	<2	<1	-	<1	<1	<1.0	<5	<5	<5	<.01	<1	<10	<2	2	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1
lumber of Analyses		2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
lean Value		3	0.1	0.5	1	0.5	0.5	0.5	0.5	0.5	3	3	3	.005	0.5	5	1	2	0.5	10	10	0.5	.005	.005	.005	.005	.005	0.5	0.5
Standard Deviation		<1	<0.1	<1	<1	<1	-	<1	<1	<0.1	<1	<1	<1	<.01	<1	<1	<1	.01	<1	<1	<1	<1	<.01	<.01	<.01	<.01	<.01	<1	<1
Accepted Value		5	0.2	1	2	1	1	1	1	1.0	5	5	5	0.01	1	10	2	1	1	20	20	1	0.01	0.01	0.01	0.01	0.01	1	1
BCC GEOCHEM STD 2		-	30.8	256	14	60	15	13	10	1.2	<5	13	6	3.64	459	<10	80	96	95	<20	<20	5	2.94	1.06	0.71	0.07	0.15	73	6
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	30.8	256	14	60	15	13	10	1.2	3	13	6	3.64	459	5	80	96	95	10	10	5	2.94	1.06	0.71	0.07	0.15	73	6
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	34.0	190	15	62	17	14	7	0.2	1	8	-	4.50	500	-	74	89	90	-	2	4	2.75	1.21	0.76	0.06	0.13	63	8

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Geochemical Lab Report

Inchcape Testing Services

DATE PRINTED: 23-AUG-93

REPORT: V93-00783.1 (COMPLETE) Silt

PROJECT: CHID 93 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
ET-1		15	<.2	138	22	132	<1	18	26	1.5	<5	43	<5	6.09	1046	<10	202	21	302	<20	<20	5	1.71	1.22	1.06	0.05	0.11	55	9

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

REPORT: V93-00777.0 (COMPLETE)

REFERENCE:

CLIENT: CANAMERA GEOLOGICAL LTD.

SUBMITTED BY: UNKNOWN

PROJECT: CHID 93

DATE PRINTED: 16-AUG-93

	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
1	Au	Gold	62	5 PPB	FIRE ASSAY	FIRE ASSAY @ 30 G
2	Ag	Silver	62	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Cu	Copper	62	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Pb	Lead	62	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Zn	Zinc	62	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Mo	Molybdenum	62	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Ni	Nickel	62	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	Co	Cobalt	62	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Cd	Cadmium	62	1.0 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	Bi	Bismuth	62	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	As	Arsenic	62	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Sb	Antimony	62	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Fe	Iron	62	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Mn	Manganese	62	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Te	Tellurium	62	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	Ba	Barium	62	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Cr	Chromium	62	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	V	Vanadium	62	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Sn	Tin	62	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	W	Tungsten	62	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	La	Lanthanum	62	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Al	Aluminum	62	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Mg	Magnesium	62	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Ca	Calcium	62	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Na	Sodium	62	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	K	Potassium	62	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	Sr	Strontium	62	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Y	Yttrium	62	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOIL	56	1 -80	62	DRY, SIEVE -80	62
T STREAM SED, SILT	6				

REPORT COPIES TO: MR. JOHN DUPUIS
MR. BILL DYNES

INVOICE TO: MR. JOHN DUPUIS

APPENDIX VI

A. GEOPHYSICS

SUMMARY

VLF-EM survey produced a number of anomalies, many of which form northerly trends. These trends are believed to reflect structural features within the bedrock.

Magnetic survey detected a many near surface magnetic anomalies. Magnetic trends appear to match VLF-EM conductive trends with many magnetic lows coinciding with VLF-EM anomalies and trends. No significant magnetic anomalies were observed and magnetic features seen in this survey are probably related to bedrock geology.

A.1 Procedure and Instrumentation

A.1.1 Survey Parameters

- survey line separation - 100 meters, detail - 50 meters and 10 meters.
- data station spacing - 12.5 meters, detail - 5 meters.
- horizontal control - survey was conducted along previously located cut lines, at azimuth 280 degrees.
- a total of 14.44 km. of VLF-EM data were accumulated at three frequencies.
- a total of 14.44 km. of magnetic data were accumulated.

A.1.2 Equipment Parameters

- EDA Omni Plus combined VLF-EM and magnetometer
- in-phase (dip angle) and quadrature (out-of-phase) measured in percent at each station
- field strength measured at each station
- transmitting stations - NLK (24.8 kHz.) - Seattle WA
  - NPM (23.4 kHz.) - Lualualei HI
  - NSS (21.4 kHz.) - Annapolis MD
- initialization direction easterly
- earth's total magnetic field measured in gammas (nanoteslas)
- magnetic variations controlled by automatic magnetic base station recording every 30 seconds
- instrument accuracy +/- 0.1 gamma
- station repeatability better than +/- 3 gammas in low gradients

A.1.3 Equipment Specifications - attached

A.1.4 Calculations

A.1.4.1 Total Field Magnetic Survey

Total field magnetic readings were individually corrected for variations in the earth's magnetic field using magnetic base station values.
The formula used for magnetic corrections was;

CTFR = TFR + (DBL - BSR) (gammas)

where: CTFR = Corrected Total Field Reading
TFR = Total Field Reading
DBL = Datum Base Level
BSR = Base Station Reading

A.1.4.2 VLF-EM Survey

No calculations were carried out on VLF-EM data.

A.1.5 Presentation

- Total field magnetic data are presented in profile form superimposed upon shaded gray scale contours on Figure #1 at a scale of 1:2500.
- Total field magnetic data are presented in line contour form superimposed upon shaded gray scale contours on Figure #2 at a scale of 1:2500.
- Seattle VLF-EM in-phase, out-of-phase and field strength readings are presented in profile form on Figure #3 at a scale of 1:2500.
- Hawaii VLF-EM in-phase, out-of-phase and field strength readings are presented in profile form on Figure #4 at a scale of 1:2500.
- Annapolis VLF-EM in-phase, out-of-phase and field strength readings are presented in profile form on Figure #5 at a scale of 1:2500.

A.2 **VLF-EM Survey Results**

VLF-EM profiles from all three frequencies showed a number of VLF-EM anomalies, most of which comprised conductive trends. Data from all three frequencies were analyzed to provide a combined interpretation anomalies and conductive trends. This interpretation has been superimposed upon both the VLF EM and magnetic plan maps accompanying the present report.

An active region on line 1250S at between 650E to 925E, seen on the Seattle data only, is due to noise during the time that the Seattle VLF transmitter was off the air.

All VLF-EM trends show low conductivity and are northerly with one main strong conductor system striking roughly north-south through almost the entire area. This strong lengthy conductive trend is believed to represent a major structure within the survey area. Other weaker conductors also probably reflect minor structures of various lengths. Most VLF anomalies and conductive trends correlate with magnetic lows which supports the conclusion that they are caused by conductive material within structural features such as faults.

A.3 **Magnetometer Results**

Magnetic survey showed a large number of magnetic features throughout the survey area. Profile character suggested that magnetic features trended the same direction as VLF-EM conductors. For this reason magnetic contours were trend enhanced during the computer gridding process. The best results were observed when enhancement was set at Az. 345 degrees which shows the magnetic features roughly parallel to VLF-EM trends as predicted by matching magnetic profile character from line to line.

Most anomalies appear to be near surface and probably reflect local changes in rock type and alteration. As mentioned earlier the linear magnetic lows coincident with VLF conductors are believed to be due to fault zones with varying amounts of alteration. No specific magnetic anomaly stands out as significant with respect to economic mineral occurrences although the survey provides useful information when coupled with geology.

OMNI PLUS VLF/Magnetometer System

EDA

Specifications*

Frequency Tuning Range	15 to 30 kHz, with bandwidth of 150 Hz; tuning range accommodates new Puerto Rico station at 28.5 kHz
Transmitting Stations Measured	Up to 3 stations can be automatically measured at any given grid location within frequency tuning range
Recorded VLF Magnetic Parameters	Total field strength, total dip, vertical quadrature (or alternately, horizontal amplitude)
Standard Memory Capacity	800 combined VLF magnetic and VLF electric measurements as well as gradiometer and magnetometer readings
Display	Custom designed, ruggedized liquid crystal display with built-in heater and an operating temperature range from −40°C to +55°C. The display contains six numeric digits, decimal point, battery status monitor, signal strength status monitor and function descriptors.
RS232C Serial I/O Interface	2400 baud rate, 8 data bits, 2 stop bits, no parity
Test Mode	A. Diagnostic Testing (data and programmable memory) B. Self Test (hardware)
Sensor Head	Contains 3 orthogonally mounted coils with automatic tilt compensation
Operating Environmental Range	−40°C to +55°C; 0 – 100% relative humidity; Weatherproof
Power Supply	Non-magnetic rechargeable sealed lead-acid 18V DC battery cartridge or belt; 18V DC disposable battery belt; 12V DC external power source for base station operation only.
Weights and Dimensions	
Instrument Console	2.8 kg, 128 x 150 x 250 mm
Sensor Head	2.1 kg, 130 dia. x 130 mm
VLF Electronics Module	1.1 kg, 40 x 150 x 250 mm
Lead Acid Battery Cartridge	1.8 kg, 235 x 105 x 90 mm
Lead Acid Battery Belt	1.8 kg, 540 x 100 x 40 mm
Disposable Battery Belt	1.2 kg, 540 x 100 x 40 mm

*Preliminary

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EDA Instruments Inc.,
5151 Ward Road,
Wheat Ridge, Colorado
U.S.A. 80033
(303) 422-9112

Printed in Canada

OMNI IV "Tie-Line" Magnetometer

EDA

Specifications

Dynamic Range	18,000 to 110,000 gammas. Roll-over display feature suppresses first significant digit upon exceeding 100,000 gammas.
Tuning Method	Tuning value is calculated accurately utilizing a specially developed tuning algorithm
Automatic Fine Tuning	± 15% relative to ambient field strength of last stored value
Display Resolution	0.1 gamma
Processing Sensitivity	± 0.02 gamma
Statistical Error Resolution	0.01 gamma
Absolute Accuracy	± 1 gamma at 50,000 gammas at 23°C ± 2 gamma over total temperature range
Standard Memory Capacity	
Total Field or Gradient	1,200 data blocks or sets of readings
Tie-Line Points	100 data blocks or sets of readings
Base Station	5,000 data blocks or sets of readings
Display	Custom-designed, ruggedized liquid crystal display with an operating temperature range from –40°C to +55°C. The display contains six numeric digits, decimal point, battery status monitor, signal decay rate and signal amplitude monitor and function descriptors.
RS 232 Serial I/O Interface	2400 baud, 8 data bits, 2 stop bits, no parity
Gradient Tolerance	6,000 gammas per meter (field proven)
Test Mode	A. Diagnostic testing (data and programmable memory) B. Self Test (hardware)
Sensor	Optimized miniature design. Magnetic cleanliness is consistent with the specified absolute accuracy.
Gradient Sensors	0.5 meter sensor separation (standard), normalized to gammas/meter. Optional 1.0 meter sensor separation available. Horizontal sensors optional.
Sensor Cable	Remains flexible in temperature range specified, includes strain-relief connector
Cycling Time (Base Station Mode)	Programmable from 5 seconds up to 60 minutes in 1 second increments
Operating Environmental Range	–40°C to +55°C; 0–100% relative humidity; weatherproof
Power Supply	Non-magnetic rechargeable sealed lead-acid battery cartridge or belt; rechargeable NiCad or Disposable battery cartridge or belt; or 12V DC power source option for base station operation.
Battery Cartridge/Belt Life	2,000 to 5,000 readings, for sealed lead acid power supply, depending upon ambient temperature and rate of readings
Weights and Dimensions	
Instrument Console Only	2.8 kg, 238 x 150 x 250mm
NiCad or Alkaline Battery Cartridge	1.2 kg, 235 x 105 x 90mm
NiCad or Alkaline Battery Belt	1.2 kg, 540 x 100 x 40mm
Lead-Acid Battery Cartridge	1.8 kg, 235 x 105 x 90mm
Lead-Acid Battery Belt	1.8 kg, 540 x 100 x 40mm
Sensor	1.2 kg, 56mm diameter x 200mm
Gradient Sensor (0.5 m separation - standard)	2.1 kg, 56mm diameter x 790mm
Gradient Sensor (1.0 m separation - optional)	2.2 kg, 56mm diameter x 1300mm
Standard System Complement	Instrument console; sensor; 3-meter cable, aluminum sectional sensor staff, power supply, harness assembly, operations manual.
Base Station Option	Standard system plus 30 meter cable
Gradiometer Option	Standard system plus 0.5 meter sensor

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Printed in Canada

CANAMERA GEOLOGICAL LTD.

Data Listing

Area: CHID CREEK, B.C. Current File Name: CHIDATA.GPH
Grid: CHID CLAIMS From File Name: CHIDXYZ.EXL
Date: July, 1993

INSTRUMENT TYPE: EDA Omni Plus VLF-EM/Magnetometer System

(Line & Station + = Northings and Eastings,
- = Southings and Westings)

DATA TYPE(S):	DATA DETAILS:
#1. Total Field Magnetic Values	Corrected total magnetic field
#2. VLF-EM In-Phase Values	Seattle Transmitter - facing east
#3. VLF-EM Quadrature	Seattle Transmitter - facing east
#4. VLF-EM Field Strength	Seattle total field strength
#5. VLF-EM In-Phase Values	Hawaii Transmitter - facing east
#6. VLF-EM Quadrature	Hawaii Transmitter - facing east
#7. VLF-EM Field Strength	Hawaii total field strength
#8. VLF-EM In-Phase Values	Annapolis Transmitter - facing east
#9. VLF-EM Quadrature	Annapolis Transmitter - facing east
#10.VLF-EM Field Strength	Annapolis total field strength

E	N	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
line	-300										
-400	-300	59215	19.2	0.7	21.1	12.5	3.7	12.7	-6.2	0.7	4.7
-387.5	-300	59212	19.8	1.0	21.3	12.3	4.3	12.7	-6.0	1.0	4.7
-375	-300	58786	19.3	0.8	21.7	11.9	4.3	12.7	-6.2	0.5	4.7
-362.5	-300	58692	18.7	1.5	21.6	9.8	2.5	12.9	-5.8	-0.4	4.6
-350	-300	58590	17.4	2.5	21.7	8.6	0.4	12.9	-6.3	-2.4	4.9
-337.5	-300	58106	15.6	1.7	22.0	7.5	0.2	13.1	-6.3	-2.0	4.9
-325	-300	58146	14.3	2.1	21.8	6.2	-1.9	13.1	-5.4	-2.8	4.8
-312.5	-300	58342	12.6	2.2	21.6	5.0	-2.1	12.8	-5.4	-2.2	4.8
-300	-300	58040	13.8	4.4	21.5	5.3	-1.1	12.7	-7.1	-4.4	4.5
-287.5	-300	58442	13.8	4.7	21.1	5.9	-1.2	12.7	-7.7	-4.6	4.7
-275	-300	58385	16.1	4.9	21.2	6.6	-1.2	12.7	-6.6	-4.1	4.8
-262.5	-300	58309	15.9	4.5	21.4	6.7	-0.4	12.7	-7.4	-4.1	4.9
-250	-300	59355	18.1	3.6	20.9	8.9	-0.7	12.5	-6.4	-4.7	4.9
-237.5	-300	57615	18.6	4.0	21.1	11.5	0.4	13.1	-6.0	-4.2	5.0
-225	-300	57908	15.1	1.5	21.2	8.5	-1.5	13.2	-4.6	-2.5	4.9
-212.5	-300	58365	15.1	0.0	20.3	7.2	-2.5	12.7	-5.9	-1.7	4.9
-200	-300	58379	17.8	0.7	20.3	8.8	-1.7	12.4	-6.0	-3.4	4.9
-187.5	-300	58396	19.4	2.6	20.3	10.8	-0.5	12.5	-6.4	-2.5	4.9
-175	-300	58603	21.6	4.0	19.9	11.7	0.5	12.9	-5.4	-2.7	5.0
-162.5	-300	58423	21.8	2.9	20.4	11.7	0.1	12.8	-6.2	-3.2	5.0
-150	-300	58484	24.8	4.8	19.9	9.6	-3.2	13.0	-9.4	-3.8	5.1
-137.5	-300	58298	27.6	6.6	20.1	9.6	-3.5	13.1	-10.5	-5.6	5.1
-125	-300	58520	28.0	6.2	20.1	11.1	-2.2	12.9	-10.6	-5.3	5.2
-112.5	-300	58454	28.4	6.1	20.3	11.8	-2.2	13.1	-10.7	-4.7	5.2
-100	-300	57821	31.2	7.5	20.8	13.7	-1.6	13.3	-10.8	-5.5	5.2

-87.5	-300	57741	34.7	8.6	21.0	13.4	-0.7	13.9	-12.4	-4.9	5.4
-75	-300	57455	36.1	10.9	22.2	13.2	0.8	14.4	-13.2	-6.2	5.6
-62.5	-300	57264	34.0	8.3	22.7	8.6	-0.6	15.0	-16.5	-6.3	5.6
-50	-300	57636	34.7	7.9	23.4	6.8	-1.7	14.2	-18.4	-8.1	5.6
-37.5	-300	57758	33.0	8.1	24.1	6.9	-0.3	14.1	-17.8	-7.3	5.6
-25	-300	57880	30.5	8.6	26.1	8.1	3.0	13.9	-16.8	-7.3	5.8
-12.5	-300	57780	26.4	6.5	26.6	6.5	3.1	13.9	-15.9	-5.2	5.8
0	-300	57873	17.1	1.9	26.1	4.8	3.4	13.4	-10.0	-0.4	5.6
12.5	-300	58618	9.0	-2.4	25.4	3.1	4.2	12.6	-7.0	4.4	5.0
25	-300	59135	3.3	-5.5	24.6	2.1	3.8	12.3	-4.1	6.8	5.1
37.5	-300	59975	3.3	-7.2	20.6	4.0	5.6	12.2	-1.3	8.5	4.7
50	-300	59921	8.5	-3.8	20.2	7.2	7.8	12.2	-3.2	8.0	4.7
62.5	-300	58210	14.9	-0.8	20.3	7.8	7.9	12.7	-6.2	6.2	4.7
75	-300	59975	15.0	0.9	20.4	5.5	7.0	12.4	-6.8	3.5	4.7
87.5	-300	60108	17.7	2.6	19.6	5.8	6.4	12.8	-9.6	3.5	4.7
100	-300	60256	21.5	5.9	20.0	5.7	7.5	12.6	-11.2	1.4	4.7
112.5	-300	60200	26.3	8.8	20.8	8.9	9.5	12.5	-12.5	1.6	4.9
125	-300	59718	28.1	6.5	22.1	9.5	9.6	12.7	-13.1	-0.2	5.0
137.5	-300	60064	24.6	4.2	21.8	8.5	6.9	12.6	-12.2	0.5	4.9
150	-300	59719	26.9	8.6	22.2	9.5	8.1	12.7	-13.0	-0.4	4.9
162.5	-300	59122	24.4	2.1	23.2	9.7	7.4	12.9	-12.9	1.8	5.0
175	-300	58866	22.1	1.5	22.9	9.7	7.8	12.9	-10.0	2.4	4.9
187.5	-300	59347	23.3	1.0	21.4	4.1	5.7	13.2	-14.0	0.3	4.8
200	-300	59725	26.7	6.9	21.5	4.9	5.8	13.3	-16.1	-1.0	5.1
212.5	-300	58459	26.3	7.2	21.7	2.5	4.8	13.7	-18.0	-0.7	5.0
225	-300	58427	28.0	2.5	22.0	2.0	4.8	13.7	-18.4	-0.3	5.1
237.5	-300	58677	26.4	1.6	22.2	-0.4	4.2	13.5	-20.2	-1.7	5.2
250	-300	59010	26.6	5.6	21.8	-0.6	4.2	13.4	-21.0	-0.6	4.9
262.5	-300	59277	28.3	5.9	21.9	0.4	5.8	13.1	-19.7	-0.6	5.1
275	-300	58430	23.8	1.8	22.8	-1.2	4.5	13.3	-19.2	0.5	4.9
287.5	-300	59877	21.1	-1.2	21.8	-1.4	4.7	12.7	-16.5	4.3	5.1
300	-300	60266	21.0	-1.4	21.4	0.0	5.2	12.7	-16.0	4.8	5.0
312.5	-300	59714	21.9	0.7	21.4	4.3	7.2	12.5	-13.3	4.2	5.1
325	-300	59450	24.2	0.8	21.7	6.0	8.3	12.6	-14.3	5.2	5.0
337.5	-300	59972	20.8	-1.7	20.8	7.5	8.1	12.5	-11.1	6.9	4.8
350	-300	60193	23.1	0.2	20.3	7.7	8.0	12.5	-11.6	5.6	4.7
362.5	-300	59960	27.8	4.4	20.9	9.2	9.3	12.6	-13.4	4.4	4.7
375	-300	61073	27.0	3.6	20.9	10.8	10.6	12.8	-13.0	4.7	5.0
387.5	-300	61713	33.3	8.4	20.9	13.1	10.1	13.6	-15.8	3.4	5.0
400	-300	61820	33.1	5.9	21.5	9.6	7.4	13.7	-17.1	2.0	5.0
line	-200										
-200	-200	58860	16.3	-0.4	19.2	10.4	4.5	8.5	-4.2	4.2	4.6
-187.5	-200	60306	18.1	0.3	19.1	10.3	3.4	8.7	-4.9	3.0	4.6
-175	-200	62234	18.8	0.8	19.0	10.3	4.7	8.5	-5.4	1.8	4.6
-162.5	-200	63510	23.5	1.5	19.0	12.7	5.0	8.6	-8.5	2.6	4.6
-150	-200	61094	28.1	0.7	19.5	14.9	5.2	8.9	-8.8	2.8	4.6
-137.5	-200	61340	26.9	0.7	19.6	14.4	3.2	8.9	-9.2	0.6	4.7
-125	-200	60934	29.5	2.1	19.8	16.2	3.2	9.5	-8.9	1.4	4.7
-112.5	-200	60425	26.9	1.9	20.2	16.4	4.1	10.2	-7.6	1.0	4.8
-100	-200	62249	27.9	3.6	19.9	16.0	3.9	10.3	-8.6	0.3	4.8
-87.5	-200	62708	31.7	3.3	20.3	18.0	4.7	10.4	-9.6	-0.3	4.8
-75	-200	61438	34.3	5.9	21.2	22.5	6.2	10.5	-8.6	-1.6	4.7
-62.5	-200	60233	30.6	5.6	23.2	20.4	5.1	11.4	-7.3	-1.5	4.8
-50	-200	60257	23.6	1.0	23.3	12.6	1.0	11.7	-8.3	0.0	5.0
-37.5	-200	59994	14.8	-2.6	22.0	7.5	0.5	12.0	-5.6	2.0	5.1
-25	-200	59441	14.6	-2.5	21.2	7.9	0.8	12.5	-5.2	2.6	5.1
-12.5	-200	60062	11.2	-2.7	20.0	0.8	0.1	12.9	-8.3	1.2	5.1
0	-200	61473	16.5	1.3	19.7	-0.4	-0.5	13.6	-12.1	-2.0	4.9
12.5	-200	60395	25.0	5.4	20.5	0.4	-0.5	14.2	-16.9	-5.7	4.7
25	-200	60267	27.5	5.9	20.5	0.2	1.5	14.0	-20.0	-5.3	4.7

37.5	-200	60136	27.5	8.6	20.5	1.2	0.3	13.8	-19.2	-5.4	4.7
50	-200	59956	28.6	8.8	21.0	1.4	1.9	13.5	-18.6	-5.4	4.9
62.5	-200	59967	30.2	7.1	21.7	0.8	3.2	13.5	-20.6	-3.8	4.9
75	-200	59733	29.1	5.4	22.8	0.6	2.1	13.2	-20.5	-3.0	5.1
87.5	-200	59547	28.2	8.4	22.1	0.9	2.5	13.6	-20.4	-3.4	5.2
100	-200	59180	28.3	7.2	22.2	0.0	2.6	13.4	-21.0	-4.2	5.2
112.5	-200	58342	24.3	2.8	23.1	-1.5	1.2	13.0	-18.9	-1.2	5.3
125	-200	59114	26.2	3.5	22.2	0.0	1.8	13.2	-19.9	-1.9	5.2
137.5	-200	59211	27.1	6.9	21.9	3.6	3.9	13.1	-16.7	-1.9	5.2
150	-200	58861	28.7	8.4	22.2	4.9	4.0	13.2	-18.9	-3.2	5.3
162.5	-200	58026	29.5	5.4	23.8	3.7	3.0	13.3	-18.4	-3.7	5.4
175	-200	57492	26.7	3.9	24.5	2.8	2.0	13.4	-18.5	-3.0	5.6
187.5	-200	57496	21.9	4.4	24.0	3.9	3.0	13.2	-13.2	-1.2	5.7
200	-200	57370	21.2	3.1	25.1	4.9	3.2	12.8	-11.9	-0.2	5.8
212.5	-200	57754	14.3	0.1	23.9	11.3	5.5	12.9	-4.6	3.3	5.7
225	-200	58252	11.9	-0.7	22.6	12.5	7.0	13.2	-0.7	5.7	5.7
237.5	-200	58953	11.8	-0.8	22.7	14.7	7.1	13.1	0.0	5.6	5.4
250	-200	58899	13.8	-0.5	21.4	16.0	6.4	13.4	0.1	5.3	5.2
262.5	-200	58207	19.2	1.0	21.0	13.7	5.2	13.9	-4.8	1.8	5.2
275	-200	57860	20.5	3.2	20.6	10.3	3.1	14.4	-8.3	0.5	5.3
287.5	-200	58543	19.7	1.3	21.2	8.1	2.6	14.0	-8.2	-0.1	5.3
300	-200	60235	23.6	0.4	20.6	7.0	1.9	14.1	-12.2	-0.9	5.0
312.5	-200	60973	21.9	0.0	20.1	2.1	1.0	13.3	-15.8	-0.4	4.8
325	-200	61919	26.4	2.4	19.8	4.5	1.6	13.2	-16.9	-1.8	4.7
337.5	-200	62946	25.7	0.8	20.9	3.2	1.0	12.7	-16.5	-1.7	4.7
350	-200	63157	33.1	0.2	20.3	5.5	1.0	12.8	-19.3	-1.9	4.8
362.5	-200	60501	37.9	2.1	21.5	10.0	2.2	13.0	-19.9	-2.7	4.6
375	-200	60408	30.9	-1.6	22.4	6.1	3.0	13.2	-19.4	-0.9	4.7
387.5	-200	61262	32.1	-3.1	21.1	5.7	2.0	13.2	-19.6	0.6	4.8
400	-200	62779	31.7	-2.1	20.9	5.7	2.4	13.1	-21.0	0.4	4.6

Line -100

-75	-100	58975	23.3	6.9	23.1	14.0	2.4	11.5	-9.1	-5.2	4.9
-62.5	-100	58858	21.0	6.5	22.9	15.0	2.8	11.7	-5.9	-4.5	4.8
-50	-100	59480	18.5	6.2	21.7	16.0	3.1	11.9	-2.8	-2.8	4.7
-37.5	-100	59672	19.4	8.3	21.3	15.5	4.3	12.3	-3.5	-1.5	4.7
-25	-100	60564	23.3	10.9	21.4	16.9	4.2	12.2	-5.7	-5.3	4.6
-12.5	-100	60092	23.4	11.0	21.4	17.1	4.6	12.8	-4.5	-5.4	4.6
0	-100	60419	23.6	10.8	21.0	16.3	2.5	12.8	-4.8	-4.8	4.7
12.5	-100	60967	26.1	10.8	21.3	18.2	3.1	13.0	-5.1	-6.3	4.8
25	-100	59894	28.0	9.8	21.9	17.2	4.0	14.0	-5.9	-5.1	4.9
37.5	-100	58672	27.3	8.2	22.4	13.5	2.3	15.1	-8.4	-5.6	5.0
50	-100	60315	21.3	9.6	21.4	2.0	-0.7	14.4	-14.6	-5.7	4.8
62.5	-100	61155	22.6	5.7	21.3	1.2	0.5	13.6	-15.2	-6.4	4.9
75	-100	61167	22.6	7.8	21.5	1.1	0.3	13.1	-16.4	-6.2	4.8
87.5	-100	61265	24.5	6.6	21.4	0.6	0.8	12.7	-16.8	-7.0	4.8
100	-100	61161	26.5	9.6	21.4	1.2	1.1	12.7	-18.5	-5.9	4.9
112.5	-100	60077	29.2	9.6	22.0	3.1	2.7	12.4	-18.6	-8.8	4.7
125	-100	61146	29.3	10.4	22.6	3.6	3.7	12.6	-19.3	-6.2	4.9
137.5	-100	60616	28.7	8.4	22.9	3.9	4.3	13.0	-19.0	-8.0	4.9
150	-100	61231	20.6	6.2	22.3	-1.4	1.2	12.3	-18.0	-4.9	4.9
162.5	-100	62301	24.3	6.7	21.7	2.0	2.4	12.2	-17.8	-4.1	5.0
175	-100	62648	22.5	3.3	21.7	3.8	2.8	12.3	-14.6	-2.5	4.9
187.5	-100	62927	25.0	6.6	21.0	3.6	1.5	12.2	-16.0	-1.9	5.0
200	-100	62647	28.4	5.1	21.2	5.8	1.4	12.3	-17.5	-3.2	5.0
212.5	-100	62428	30.2	9.3	21.0	6.1	1.0	12.2	-17.3	-4.0	5.1
225	-100	63392	33.0	10.5	21.1	5.8	1.6	12.4	-18.7	-5.2	5.1
237.5	-100	63390	35.7	11.0	21.2	7.0	0.9	12.4	-20.3	-5.1	5.2
250	-100	62801	41.8	14.4	21.9	8.9	2.2	12.3	-22.7	-5.2	5.3
262.5	-100	61453	44.3	13.2	23.3	10.3	2.7	12.5	-23.1	-7.5	5.4

275	-100	61016	35.9	8.9	24.9	11.3	2.3	12.6	-18.6	-4.2	5.6
287.5	-100	61842	32.0	5.1	23.1	12.5	0.4	12.7	-15.1	-2.6	5.5
300	-100	61378	36.0	2.4	22.9	14.0	2.1	12.9	-15.1	-2.8	5.5
312.5	-100	61479	36.6	3.7	22.4	13.5	1.6	12.8	-16.1	-3.0	5.6
325	-100	60843	38.8	7.5	12.0	11.9	-0.1	13.1	-21.3	-5.6	5.8
337.5	-100	60965	31.1	11.9	0.8	11.8	-0.3	13.3	-19.2	-3.7	5.8
350	-100	60874	40.9	7.1	13.9	15.0	1.5	13.7	-17.7	-3.0	6.1
362.5	-100	61128	44.9	10.0	14.2	13.6	0.8	13.8	-20.8	-3.5	6.0
375	-100	60503	42.5	2.7	14.9	12.6	0.2	14.2	-21.0	-3.7	6.2
387.5	-100	60157	42.5	8.4	15.0	12.2	-0.8	14.1	-21.1	-4.2	6.3
400	-100	60052	34.9	-2.0	15.5	12.2	-1.3	14.1	-17.7	-2.4	6.5
line	-1100										
370	-1100	58768	26.4	-6.4	25.6	11.6	1.5	14.2	-12.9	3.1	5.5
375	-1100	58870	21.9	-7.6	25.8	11.3	1.5	14.0	-10.0	4.8	5.4
380	-1100	59146	20.4	-8.5	25.4	12.0	1.1	14.1	-8.2	4.5	5.4
385	-1100	59682	19.0	-8.7	24.9	12.2	0.3	14.0	-7.0	4.5	5.3
390	-1100	60556	18.9	-9.4	24.2	12.6	0.9	13.9	-6.1	5.2	5.1
395	-1100	60785	20.9	-8.5	23.5	13.1	0.6	13.8	-6.3	5.6	5.0
400	-1100	60519	23.2	-6.8	23.4	13.4	1.7	13.8	-8.5	3.9	5.1
405	-1100	60388	23.6	-6.9	23.6	13.5	1.7	14.0	-9.6	3.6	5.0
410	-1100	60134	25.4	-7.1	23.5	13.6	1.7	14.1	-9.7	3.0	5.1
415	-1100	59100	26.5	-5.9	23.7	13.5	2.3	14.2	-10.0	2.8	5.2
420	-1100	58424	26.5	-4.7	24.0	13.0	2.2	14.2	-10.4	2.8	5.1
425	-1100	57793	25.9	-3.6	24.3	12.7	1.9	14.3	-10.0	2.0	5.3
430	-1100	57603	25.0	-4.0	24.2	12.8	2.6	14.5	-9.1	3.9	5.2
435	-1100	57628	24.6	-3.8	24.2	12.8	1.4	14.5	-9.4	2.5	5.3
440	-1100	57667	23.7	-4.3	24.3	10.9	0.6	14.5	-9.4	2.4	5.3
445	-1100	57727	22.9	-4.6	24.2	11.4	0.4	14.4	-9.1	2.8	5.2
450	-1100	57920	22.8	-5.6	23.9	11.3	-0.1	14.3	-9.4	2.2	5.1
455	-1100	58214	23.7	-5.8	23.7	11.2	-0.1	14.1	-9.9	2.7	5.1
460	-1100	58458	23.7	-6.1	23.5	11.0	-0.2	14.0	-9.0	2.0	5.1
465	-1100	58508	25.3	-5.5	23.2	11.6	0.0	14.1	-10.0	0.6	5.0
470	-1100	58560	26.8	-4.4	23.3	11.7	0.6	14.1	-11.6	0.8	5.1
475	-1100	58580	27.2	-5.3	23.5	11.5	0.7	14.3	-12.7	1.1	5.0
480	-1100	58558	27.7	-4.1	23.2	11.7	0.4	14.1	-12.3	0.5	5.0
485	-1100	58466	29.5	-3.2	23.8	11.6	1.1	14.0	-13.2	0.7	5.0
490	-1100	58470	30.9	-2.8	24.0	11.6	1.8	14.1	-13.7	0.5	5.1
line	-1000										
320	-1000	60588	42.4	0.8	23.2	14.6	1.4	13.5	-17.6	-2.6	5.0
325	-1000	60514	41.9	0.9	23.5	15.3	1.7	13.7	-18.1	-3.5	5.0
330	-1000	60140	41.1	0.7	24.2	14.5	1.7	13.8	-18.6	-2.7	5.2
335	-1000	60028	39.4	1.6	24.6	13.3	1.7	14.0	-18.0	-4.1	5.2
340	-1000	60203	35.4	-1.5	24.8	12.6	1.0	14.0	-17.1	-3.0	5.2
345	-1000	60535	34.2	-1.9	24.5	11.5	-3.7	14.2	-16.4	-4.5	5.3
350	-1000	60903	33.7	-2.8	24.5	11.2	-4.3	14.2	-16.7	-5.6	5.2
355	-1000	60850	34.2	-1.9	24.5	10.4	-0.8	14.0	-16.3	-5.2	5.3
360	-1000	60530	32.5	-1.9	24.9	9.3	-5.6	14.3	-16.3	-6.5	5.4
365	-1000	60578	29.0	-1.8	24.8	9.3	-2.4	14.3	-13.3	-4.4	5.4
370	-1000	60734	28.0	-1.5	24.3	8.4	-3.2	14.3	-13.4	-4.0	5.4
375	-1000	61083	27.0	-2.4	24.2	8.6	-4.5	14.5	-12.9	-3.9	5.4
380	-1000	61075	28.1	-1.8	23.6	7.9	-5.2	14.5	-13.7	-5.4	5.4
385	-1000	61390	30.5	0.1	23.2	6.8	-5.0	14.4	-14.6	-5.6	5.4
390	-1000	61454	31.2	-1.7	23.2	8.5	-4.4	14.3	-13.6	-5.2	5.4
395	-1000	61303	32.4	-0.5	23.2	9.1	-3.9	14.5	-14.6	-4.5	5.4
400	-1000	61097	33.6	-1.5	23.5	8.2	-4.5	14.5	-16.1	-6.4	5.4
405	-1000	60303	34.5	-3.9	24.0	8.1	-5.2	14.8	-18.4	-6.8	5.4
410	-1000	59959	33.5	-4.0	24.3	7.8	-5.2	14.9	-17.1	-6.8	5.5
415	-1000	60645	30.3	-3.7	24.1	6.1	-6.1	14.8	-16.6	-6.1	5.5
420	-1000	61101	31.4	-3.1	23.8	5.7	-5.9	14.7	-17.5	-7.1	5.4
425	-1000	60604	34.0	-3.5	23.6	5.7	-6.9	14.7	-19.1	-8.0	5.5

430	-1000	59977	33.7	-4.4	24.3	4.8	-6.9	14.8	-19.7	-8.1	5.5
line	-850										
400	-850	59492	33.3	7.2	22.9	7.8	-3.9	13.1	-15.0	-8.7	5.6
412.5	-850	60571	32.8	6.3	22.1	8.3	-4.9	13.1	-12.6	-8.3	5.8
425	-850	60404	34.5	7.4	22.1	11.5	-4.4	13.3	-12.2	-7.2	5.8
437.5	-850	60498	36.7	7.3	22.2	12.1	-4.9	13.3	-12.8	-8.3	5.9
450	-850	61156	40.0	7.8	21.9	14.2	-4.7	13.3	-13.4	-8.0	5.8
462.5	-850	60486	48.6	16.2	22.8	16.2	-5.2	12.7	-18.1	-12.3	5.6
475	-850	60866	47.5	8.9	25.4	19.8	-4.4	13.4	-17.7	-11.4	6.0
487.5	-850	61098	43.7	6.7	26.4	19.5	-4.4	13.7	-15.6	-10.9	6.2
500	-850	61301	38.7	5.7	26.4	20.2	-6.2	14.0	-10.4	-9.0	6.2
512.5	-850	61305	37.0	4.7	26.7	21.9	-6.3	14.2	-9.5	-9.0	6.3
525	-850	61408	35.0	5.2	26.8	22.9	-6.2	14.7	-7.1	-8.5	6.0
537.5	-850	61283	34.0	5.1	27.0	21.8	-6.2	14.9	-7.0	-8.0	6.1
550	-850	61337	32.6	4.9	28.6	21.0	-5.3	15.1	-8.2	-9.6	6.0
562.5	-850	61208	25.2	2.8	28.9	14.8	-7.0	14.8	-7.1	-9.1	6.0
575	-850	61480	19.4	1.8	28.7	12.1	-9.6	14.7	-4.8	-8.6	6.1
587.5	-850	61957	19.1	2.2	28.7	11.7	-9.7	14.8	-4.6	-8.5	6.1
600	-850	61941	14.3	2.6	28.1	9.4	-9.1	14.0	-3.0	-8.3	6.2
612.5	-850	61580	13.1	2.6	28.1	10.4	-8.4	13.9	-1.9	-7.9	6.2
625	-850	62254	8.4	2.9	26.6	12.2	-9.3	13.6	3.4	-6.0	6.2
637.5	-850	61953	9.0	2.9	24.6	14.5	-7.4	13.8	5.6	-4.6	6.0
650	-850	62346	16.0	6.7	23.1	16.8	-5.1	14.0	2.3	-6.6	5.9
662.5	-850	61982	19.5	7.5	23.8	16.6	-5.4	14.2	0.2	-6.9	5.9
675	-850	60692	17.9	5.4	24.7	11.1	-6.8	14.6	-3.2	-7.5	6.1
687.5	-850	60993	16.2	5.0	23.7	9.3	-7.0	14.4	-2.6	-7.5	6.1
700	-850	61544	16.6	5.0	23.6	11.5	-6.5	14.5	-2.1	-6.5	6.1
712.5	-850	62149	19.3	6.0	22.7	10.8	-5.6	14.7	-2.4	-6.4	6.2
725	-850	63360	23.1	4.7	22.5	9.4	-6.9	14.4	-6.3	-8.4	6.1
737.5	-850	63585	26.4	4.8	22.2	10.9	-6.5	14.5	-8.8	-9.0	6.0
750	-850	63448	25.9	12.1	22.6	11.8	-6.5	14.3	-7.7	-8.3	5.8
787.5	-850	63975	31.9	7.9	23.2	15.0	-5.3	14.4	-7.7	-7.5	5.9
800	-850	62910	30.2	5.4	24.2	16.6	-4.1	14.7	-7.0	-6.9	6.0
812.5	-850	61863	29.2	4.0	24.9	14.6	-4.3	14.9	-7.4	-7.0	5.9
825	-850	61350	25.1	1.2	25.7	12.2	-5.4	14.9	-6.9	-6.0	6.0
837.5	-850	60956	21.5	-0.1	25.2	8.9	-6.5	15.1	-8.3	-4.7	6.2
850	-850	61462	21.4	-1.2	24.4	9.4	-5.2	14.9	-6.0	-4.6	6.1
862.5	-850	60693	20.1	-1.7	24.3	9.8	-4.7	14.9	-6.0	-3.1	6.0
875	-850	60203	21.5	-2.2	23.3	7.5	-4.9	15.1	-7.7	-2.4	6.1
887.5	-850	60051	24.4	-0.7	23.0	4.2	-5.5	14.9	-11.4	-3.2	6.1
900	-850	60072	25.0	-0.6	23.2	5.8	-5.6	14.6	-11.7	-3.3	6.0
912.5	-850	60616	28.4	1.9	23.6	7.4	-5.1	14.0	-13.0	-4.1	5.9
925	-850	60802	28.3	-0.8	23.6	9.0	-4.3	13.9	-12.3	-3.3	6.0
937.5	-850	61123	25.1	-3.6	24.6	10.2	-4.3	14.0	-10.2	-3.3	5.9
950	-850	62162	23.6	-1.7	23.6	9.6	-4.3	13.6	-9.8	-2.2	5.8
962.5	-850	62603	24.7	-0.9	23.4	11.7	-3.5	13.3	-8.4	-1.3	5.8
975	-850	62276	28.5	-0.9	22.3	16.7	-1.3	13.6	-5.9	1.9	5.8
987.5	-850	61592	33.5	2.1	22.5	18.1	-0.5	13.9	-7.9	-0.1	5.8
1000	-850	61116	33.0	2.1	23.3	17.8	-0.3	13.9	-9.2	0.4	5.8
line	-750										
0	-750	59325	34.7	-2.4	20.0	22.1	10.1	10.0	-8.4	5.4	5.2
12.5	-750	59815	37.1	1.7	20.8	25.3	11.6	10.2	-9.8	3.8	5.2
25	-750	59604	40.1	1.3	21.7	26.1	11.5	10.5	-10.6	3.8	5.2
37.5	-750	58748	36.0	2.7	23.4	25.1	11.3	10.8	-9.1	3.0	5.5
50	-750	58263	30.5	0.0	23.8	22.9	8.7	11.0	-7.2	2.8	5.6
62.5	-750	58373	22.2	-2.0	22.8	19.6	5.9	11.2	-3.0	3.8	5.6
75	-750	58592	22.2	-1.4	21.7	21.1	6.8	11.5	-1.2	3.1	5.6
87.5	-750	57524	21.0	-3.4	21.8	18.4	4.9	11.3	-2.9	1.9	5.5
100	-750	58190	20.8	0.1	22.0	19.7	6.7	11.2	-2.2	2.8	5.5
112.5	-750	58391	21.2	1.5	21.5	17.3	4.4	11.4	-3.3	2.3	5.3

125	-750	58582	25.1	0.1	21.3	17.8	5.2	11.6	-4.8	-0.1	5.3
137.5	-750	58404	26.9	6.0	22.2	15.9	4.4	11.4	-6.8	-3.2	5.4
150	-750	59409	27.5	6.0	22.1	16.0	4.0	11.4	-6.7	-4.5	5.4
162.5	-750	59058	28.7	6.5	22.4	16.4	3.9	11.8	-7.8	-5.1	5.3
175	-750	59687	26.8	8.7	23.0	12.9	2.4	11.8	-8.1	-6.3	5.5
187.5	-750	59040	24.8	6.8	23.2	10.8	0.9	11.8	-9.7	-6.3	5.5
200	-750	59222	23.9	6.2	22.8	8.1	0.5	11.6	-9.8	-7.6	5.4
212.5	-750	59229	24.0	7.0	23.0	7.3	-0.2	11.6	-11.0	-8.2	5.6
225	-750	59745	22.0	4.2	22.7	4.4	-0.9	11.8	-10.5	-8.6	5.5
237.5	-750	61526	24.3	6.3	22.0	4.3	-1.8	11.1	-12.7	-10.9	5.4
250	-750	59994	24.9	4.4	22.7	6.5	-1.7	11.5	-10.9	-9.0	5.6
262.5	-750	59680	24.8	4.8	22.3	3.4	-4.3	11.1	-12.6	-10.2	5.5
275	-750	59315	23.9	5.6	23.6	4.9	-3.2	10.7	-12.2	-10.0	5.7
287.5	-750	59005	12.7	4.2	23.0	10.7	-3.0	10.2	-2.4	-5.1	5.7
300	-750	61178	13.3	7.5	21.3	13.4	-1.2	10.1	-0.1	-6.2	5.4
312.5	-750	61540	23.8	11.3	20.6	22.0	2.8	10.4	0.0	-5.9	5.3
325	-750	61443	31.5	15.6	21.3	24.3	5.1	10.8	-2.2	-8.4	5.3
337.5	-750	60404	33.7	12.6	23.1	22.0	3.4	12.4	-4.7	-9.4	5.7
350	-750	60210	27.5	6.0	23.7	12.9	-2.2	12.8	-7.5	-9.4	5.8
362.5	-750	59914	24.9	2.1	23.1	8.4	-6.6	12.0	-9.5	-10.3	5.6
375	-750	60180	22.4	0.0	22.4	7.7	-6.5	11.9	-8.4	-9.4	5.6
387.5	-750	60242	27.1	3.4	21.6	6.8	-6.6	11.5	-12.0	-10.1	5.6
400	-750	60603	31.6	6.8	21.9	8.0	-5.8	11.7	-14.1	-10.2	5.8
412.5	-750	60183	33.7	8.1	22.2	13.2	-3.6	11.4	-11.6	-10.2	5.8
425	-750	60687	37.7	6.3	23.7	18.3	-0.8	12.2	-11.4	-9.1	5.8
437.5	-750	60605	33.3	2.7	24.4	16.6	-3.6	12.3	-10.1	-8.4	5.8
450	-750	60509	29.4	1.0	24.3	16.8	-5.1	12.5	-8.3	-8.1	5.8
462.5	-750	60652	24.5	0.2	23.5	15.4	-6.8	12.1	-5.2	-5.5	5.6
475	-750	61255	27.4	0.5	21.2	16.0	-6.7	12.1	-4.8	-6.7	5.3
487.5	-750	61409	39.8	3.4	22.3	18.2	-5.1	12.3	-12.3	-10.9	5.3
500	-750	61532	42.7	0.9	22.3	17.2	-6.0	12.3	-14.5	-11.8	5.2
512.5	-750	61885	47.9	4.0	23.0	21.5	-4.5	12.1	-16.6	-12.5	5.2
525	-750	60875	51.2	7.4	27.6	24.8	-3.5	12.6	-21.2	-14.0	5.4
537.5	-750	59547	41.0	2.8	30.3	22.0	-2.8	13.1	-17.5	-11.4	5.6
550	-750	59384	32.4	0.9	31.2	17.6	-4.6	13.5	-14.7	-10.2	5.7
562.5	-750	59531	21.0	0.5	30.7	11.6	-7.4	13.5	-9.6	-7.7	5.6
575	-750	60509	5.0	-4.1	28.3	3.4	-9.3	13.2	-0.9	-4.7	5.5
587.5	-750	60435	1.2	-4.8	26.1	2.7	-10.3	12.6	0.9	-3.7	5.3
600	-750	60875	-5.5	-8.4	23.9	0.4	-12.3	12.1	4.9	-2.5	5.2
612.5	-750	61478	-4.5	-8.3	22.0	4.9	-10.1	11.8	6.9	-0.7	5.1
625	-750	61586	-3.3	-7.7	21.1	6.9	-9.2	12.0	7.0	-1.4	5.0
637.5	-750	61623	9.3	-2.2	20.5	10.5	-7.0	11.9	1.7	-5.3	4.9
650	-750	61765	11.7	-0.8	20.7	11.4	-7.4	12.0	0.2	-6.2	4.9
662.5	-750	61043	18.3	1.3	20.8	14.0	-5.2	12.0	-2.1	-6.4	4.9
675	-750	60896	18.8	1.7	21.3	12.8	-6.4	12.4	-3.7	-8.0	4.9
687.5	-750	61206	23.1	0.6	21.7	12.8	-6.2	12.3	-5.4	-7.9	4.8
700	-750	60685	21.3	0.3	22.3	10.7	-6.7	12.5	-8.0	-8.0	4.9
712.5	-750	63036	18.7	-1.4	19.9	5.8	-10.1	11.4	-9.1	-8.9	4.7
725	-750	64449	28.5	3.3	20.2	10.8	-7.5	11.4	-11.3	-10.8	4.9
737.5	-750	63352	38.4	8.3	22.3	18.9	-4.3	11.5	-12.3	-12.2	5.0
750	-750	62653	34.9	5.7	25.1	18.9	-4.6	11.8	-12.3	-10.9	5.1
762.5	-750	62114	27.4	0.2	25.1	18.7	-5.6	12.0	-8.3	-7.4	5.4
775	-750	61992	20.9	-3.8	24.7	18.2	-6.3	12.3	-3.8	-2.6	5.3
787.5	-750	62142	16.9	-5.4	23.4	19.7	-5.9	12.3	1.8	-0.3	5.2
800	-750	61421	20.6	-4.2	23.0	21.4	-4.7	12.6	0.7	-2.1	5.3
812.5	-750	60644	19.1	-4.5	23.2	19.7	-5.6	12.9	0.0	-0.1	5.3
825	-750	61068	20.0	-5.3	22.1	19.7	-5.8	12.9	1.6	-0.1	5.3
837.5	-750	61266	21.4	-2.8	21.9	20.2	-4.9	13.0	1.5	-0.1	5.3
850	-750	61648	25.4	-4.5	22.0	20.1	-5.0	13.1	-1.9	-3.1	5.1
862.5	-750	60776	29.4	-2.5	21.7	20.2	-5.4	13.1	-4.2	-4.3	5.2

875	-750	59587	33.3	0.8	22.4	20.6	-4.4	13.3	-6.6	-4.8	5.4
887.5	-750	59151	32.7	0.5	23.1	18.7	-4.5	13.5	-7.5	-5.0	5.5
900	-750	59232	32.2	-1.3	23.8	19.2	-3.9	13.4	-8.2	-4.6	5.6
912.5	-750	58828	29.6	-1.8	24.3	20.2	-3.2	13.4	-6.2	-4.7	5.5
925	-750	59167	28.6	-3.5	24.4	18.9	-3.5	13.5	-6.1	-3.7	5.5
937.5	-750	59414	28.8	-0.5	23.5	15.8	-4.2	13.2	-8.1	-3.1	5.5
950	-750	60287	31.3	-0.1	23.8	17.1	-4.1	13.3	-9.1	-3.8	5.5
line	-700										
0	-700	58996	34.3	9.7	19.1	21.8	10.6	12.0	-8.6	4.4	4.9
12.5	-700	59441	37.4	4.4	20.0	24.9	12.7	12.3	-7.7	5.3	4.8
25	-700	59582	41.5	4.9	21.0	25.6	14.7	12.6	-10.9	3.4	4.8
37.5	-700	59321	37.9	15.6	21.4	25.7	14.5	12.8	-10.5	2.5	4.9
50	-700	58427	31.6	15.1	22.8	22.9	11.7	13.3	-7.9	3.2	5.1
62.5	-700	58218	25.0	0.2	22.3	19.4	8.9	13.5	-4.8	3.1	5.1
75	-700	58600	22.2	3.2	21.0	21.6	7.7	13.8	-0.1	5.0	5.2
87.5	-700	58261	23.2	1.6	21.3	18.5	6.8	13.4	-2.2	2.6	5.0
100	-700	58037	19.6	8.7	21.0	19.8	5.2	13.4	-0.6	4.4	5.2
112.5	-700	58263	22.8	4.4	21.3	19.1	7.0	13.5	-1.7	2.8	4.9
125	-700	58722	25.1	7.7	20.6	17.3	5.6	13.6	-4.0	0.0	4.8
137.5	-700	58351	27.8	8.0	21.0	16.5	1.8	13.6	-6.9	-2.1	4.9
150	-700	59279	27.4	9.5	21.5	16.5	3.8	13.7	-6.8	-2.7	5.0
162.5	-700	58747	29.6	11.4	21.6	16.5	2.0	13.9	-8.0	-3.3	5.0
175	-700	59613	26.8	12.2	22.3	12.0	4.2	13.8	-8.4	-5.2	5.0
187.5	-700	58914	24.8	9.8	22.1	9.5	1.9	13.9	-9.3	-5.5	5.1
200	-700	59204	24.4	10.9	22.2	7.8	0.6	13.7	-11.1	-5.6	5.2
212.5	-700	59331	24.6	11.2	22.2	7.7	1.1	13.8	-11.4	-7.5	5.1
225	-700	59430	22.5	9.2	22.5	5.4	-3.0	14.0	-10.4	-6.3	5.2
237.5	-700	61569	20.6	17.0	21.2	2.5	-4.2	13.2	-13.5	-9.5	5.2
250	-700	60293	22.9	19.5	21.9	6.6	0.3	13.4	-11.1	-8.0	5.3
262.5	-700	60088	21.0	15.4	21.6	2.5	-5.6	13.3	-11.7	-8.5	5.1
275	-700	59419	24.7	9.9	23.0	5.0	-2.6	12.6	-12.5	-8.1	5.3
287.5	-700	58986	16.0	11.6	23.2	7.3	-2.8	12.3	-7.4	-6.4	5.4
300	-700	60703	12.3	13.5	20.5	14.0	-0.9	11.8	0.7	-5.3	5.1
312.5	-700	61158	25.2	17.8	20.5	23.0	4.0	12.0	-1.2	-6.6	5.0
325	-700	60524	28.9	29.5	21.0	27.2	6.7	13.3	-1.5	-6.1	5.2
337.5	-700	60273	27.9	25.5	22.3	20.0	-1.4	14.7	-4.9	-7.7	5.4
350	-700	60175	28.2	10.4	23.0	14.4	-1.4	14.7	-7.6	-8.0	5.4
362.5	-700	59944	24.5	4.4	22.5	7.8	-8.8	14.0	-9.2	-10.3	5.4
375	-700	60024	23.4	3.7	21.8	7.9	-4.1	13.6	-8.6	-7.8	5.2
387.5	-700	59991	24.7	12.6	20.6	6.1	-6.5	13.1	-10.9	-8.3	5.2
400	-700	60625	32.2	9.6	21.3	8.5	-5.4	13.4	-13.0	-9.2	5.4
line	-600										
-400	-600	56354	47.0	-2.4	17.3	37.0	1.9	9.4	28.8	2.3	4.5
-387.5	-600	56578	20.5	-6.2	16.6	2.0	1.9	9.5	-13.3	2.8	4.7
-375	-600	56645	20.3	-7.1	16.8	0.2	0.8	9.5	-15.1	3.3	4.7
-362.5	-600	57040	22.6	-5.7	16.4	-2.2	-0.1	9.3	-16.7	1.1	4.8
-350	-600	57277	24.3	-4.0	16.8	-0.9	0.0	9.1	-16.8	-0.2	4.8
-337.5	-600	57609	26.5	-4.6	16.9	-0.2	0.0	9.3	-17.2	-0.3	4.7
-325	-600	57347	26.5	-4.8	17.1	0.0	-0.1	9.1	-18.8	0.0	4.8
-312.5	-600	57155	29.0	-4.7	17.3	0.2	0.1	9.0	-18.9	-0.6	4.8
-300	-600	57324	29.9	-4.7	17.2	1.7	0.8	9.0	-19.0	-0.2	4.8
-287.5	-600	57108	34.0	-2.6	17.6	2.2	1.5	9.1	-19.9	0.1	4.8
-275	-600	57108	34.3	-2.7	17.8	2.4	0.4	9.1	-23.0	-0.8	4.7
-262.5	-600	56946	36.9	-0.2	18.3	6.1	3.8	9.2	-19.6	-0.5	4.9
-250	-600	57065	36.2	-1.6	18.8	6.9	4.3	9.4	-19.4	0.2	4.9
-237.5	-600	57348	32.6	-3.1	19.4	7.5	4.9	9.7	-18.7	3.1	4.9
-225	-600	58066	27.1	-7.6	18.8	1.0	1.3	10.2	-19.8	3.5	4.9
-212.5	-600	57470	27.4	-8.1	18.6	-1.5	0.6	9.7	-22.8	0.8	4.8
-200	-600	57561	30.4	-3.5	18.1	-1.0	1.2	9.6	-23.7	-1.0	4.8
-187.5	-600	57429	33.3	-2.2	19.1	-3.0	0.0	9.6	-26.9	-4.1	4.8

-175	-600	57974	31.9	-3.5	19.2	-4.3	1.6	9.6	-26.0	-2.9	4.8
-162.5	-600	58142	31.8	-3.9	19.1	-6.7	-0.2	9.4	-29.4	-4.0	4.7
-150	-600	58300	32.1	-1.9	19.2	-5.5	-2.1	9.0	-27.6	-3.6	4.9
-137.5	-600	58314	34.1	1.4	19.4	-4.1	-0.2	8.8	-26.9	-4.8	5.0
-125	-600	57905	34.8	2.9	19.8	1.3	0.7	9.1	-25.7	-4.5	5.0
-112.5	-600	58250	36.1	6.2	20.5	0.0	1.0	9.1	-26.6	-6.7	5.2
-100	-600	58385	37.7	5.7	20.8	1.3	1.2	9.2	-25.1	-5.1	5.1
-87.5	-600	58615	35.3	5.8	21.6	1.8	1.3	9.2	-22.6	-6.1	5.2
-75	-600	58818	34.7	6.9	21.8	2.2	1.8	9.2	-21.9	-6.0	5.2
-62.5	-600	59160	33.0	8.3	22.3	2.2	1.0	9.1	-22.0	-8.1	5.3
-50	-600	59362	31.3	7.2	22.4	3.7	0.1	9.2	-19.4	-7.7	5.2
-37.5	-600	59730	28.4	7.2	22.4	2.8	-0.1	9.3	-17.8	-7.6	5.3
-25	-600	60485	25.0	7.9	22.2	3.3	0.0	9.3	-14.4	-7.3	5.3
-12.5	-600	61213	24.0	9.1	21.8	4.7	-1.3	9.3	-13.0	-7.5	5.4
0	-600	61398	25.4	10.6	21.1	6.4	-1.4	10.3	-12.0	-7.7	5.1
12.5	-600	61215	26.5	13.6	21.2	7.8	-1.3	11.1	-12.9	-7.6	5.0
25	-600	61047	28.2	11.7	21.6	10.7	-1.0	11.0	-11.1	-7.6	5.0
37.5	-600	61498	28.5	14.3	21.4	13.6	-0.8	11.0	-10.8	-7.8	4.9
50	-600	59712	29.4	13.8	21.8	14.5	-0.5	11.3	-10.3	-6.0	5.1
62.5	-600	59134	29.5	12.7	22.1	15.1	-0.9	11.4	-9.5	-6.7	5.2
75	-600	59533	28.3	13.0	22.5	18.6	2.8	11.7	-5.1	-6.1	5.1
87.5	-600	60277	26.7	10.9	22.3	22.0	3.0	11.4	-4.4	-4.2	5.0
100	-600	60153	31.7	15.0	22.9	22.3	4.6	11.6	-5.2	-6.6	4.9
112.5	-600	59381	31.6	13.5	24.5	22.1	3.1	12.2	-7.6	-6.3	5.0
125	-600	58553	19.2	7.2	24.5	14.6	-1.2	12.3	-3.0	-5.8	5.0
137.5	-600	58654	20.1	9.3	22.8	11.4	-1.7	11.8	-7.0	-7.0	4.9
150	-600	58153	21.3	11.4	23.1	9.9	-1.8	11.9	-7.3	-8.1	5.1
162.5	-600	58378	21.3	12.8	22.9	10.7	-1.5	12.0	-7.1	-9.1	5.1
175	-600	59234	18.1	11.2	22.8	14.4	-0.3	11.9	-2.6	-5.9	5.2
187.5	-600	59519	18.1	10.1	22.6	15.3	0.0	11.9	-3.3	-5.7	5.1
200	-600	59766	20.4	14.8	21.8	18.6	3.5	12.0	-1.7	-6.0	4.8
line	-500										
-400	-500	57519	33.7	*	17.2	-4.5	-2.4	9.5	-24.1	-5.9	4.6
-387.5	-500	57339	*	0.3	17.9	-4.7	-3.0	9.4	-0.4	-0.4	4.7
-375	-500	57463	31.2	-0.8	18.4	-4.6	-3.3	9.5	-23.8	-6.6	4.6
-362.5	-500	57266	31.6	-1.7	18.6	-4.6	-4.4	9.6	-24.6	-5.9	4.7
-350	-500	57328	31.0	-0.7	18.5	-4.7	-2.9	9.6	-24.2	-4.1	4.7
-337.5	-500	57425	30.4	-4.2	18.7	-4.3	-2.7	9.6	-23.2	-3.1	4.7
-325	-500	57437	31.3	-4.1	18.6	-4.0	-4.5	9.4	-23.6	-3.4	4.7
-312.5	-500	57063	31.9	-3.9	18.0	-5.4	-3.1	9.7	-24.8	-2.3	4.6
-300	-500	57070	33.1	-4.5	18.1	-5.1	-4.4	9.4	-25.7	-3.9	4.6
-287.5	-500	56959	42.3	2.8	18.3	-5.2	-4.5	9.4	-29.2	-7.6	4.7
-275	-500	57303	47.6	5.4	19.0	-3.0	-1.4	9.3	-30.7	-7.9	4.7
-262.5	-500	57484	47.9	9.4	20.2	0.0	0.1	9.4	-30.1	-7.8	4.7
-250	-500	57147	45.7	4.4	21.6	0.8	0.8	9.5	-29.8	-6.9	4.9
-237.5	-500	57381	39.1	1.8	21.8	1.1	0.8	9.5	-25.8	-3.6	4.8
-225	-500	57514	34.5	1.1	22.2	1.4	-0.4	9.7	-22.1	-3.6	5.0
-212.5	-500	58011	32.7	4.7	22.1	2.9	0.7	10.0	-20.1	-3.9	5.0
-200	-500	58356	30.8	3.9	22.1	3.2	0.5	10.3	-19.0	-3.4	5.0
-187.5	-500	58727	27.8	4.3	22.3	2.4	0.3	10.3	-17.9	-4.7	5.1
-175	-500	59391	25.1	3.6	21.8	2.0	-0.6	10.6	-15.7	-3.4	5.2
-162.5	-500	59488	24.0	4.2	20.9	-2.2	-2.8	10.9	-16.8	-5.1	5.2
-150	-500	59219	26.9	7.6	20.9	-2.7	-2.5	10.8	-19.8	-7.0	5.2
-137.5	-500	59126	27.8	10.5	21.7	-1.0	-1.2	10.6	-19.4	-7.3	5.2
-125	-500	59034	27.8	10.9	22.7	-0.4	-0.6	10.4	-19.1	-8.0	5.1
-112.5	-500	58998	18.5	5.6	23.8	-0.7	0.1	10.0	-13.6	-4.3	5.0
-100	-500	59346	11.5	2.7	22.7	0.3	0.7	9.8	-8.5	-1.2	4.9
-87.5	-500	60436	5.7	1.1	19.9	-0.3	1.2	9.5	-5.8	0.5	4.5
-75	-500	61458	10.3	4.2	19.4	0.7	2.5	9.5	-6.8	-0.4	4.5
-62.5	-500	62068	15.9	7.1	19.5	4.9	3.8	9.4	-7.7	-1.3	4.4

-50	-500	62153	19.3	10.8	19.1	5.8	2.2	9.7	-10.0	-4.2	4.6
-37.5	-500	60194	23.4	11.1	19.9	6.4	3.0	9.8	-11.0	-5.3	4.5
-25	-500	60450	21.1	8.8	20.3	5.3	2.2	9.8	-11.6	-5.8	4.5
-12.5	-500	61869	22.3	11.0	19.6	7.2	2.8	9.8	-9.7	-5.7	4.5
0	-500	60879	24.2	9.6	19.6	4.7	0.7	10.0	-14.0	-6.4	4.4
12.5	-500	61204	28.4	8.9	19.9	6.9	0.4	10.2	-14.7	-7.2	4.4
25	-500	62604	30.2	9.3	20.2	5.8	-0.4	10.0	-17.1	-7.2	4.5
37.5	-500	62281	32.9	14.6	20.6	11.0	0.9	10.3	-14.6	-8.3	4.3
50	-500	61708	34.2	14.5	21.2	9.6	1.0	10.2	-19.1	-9.4	4.4
62.5	-500	61255	38.0	16.8	23.6	15.5	3.6	10.4	-18.9	-9.5	4.5
75	-500	59774	22.2	5.6	24.5	6.7	1.5	10.7	-13.4	-5.9	4.5
87.5	-500	61425	19.9	7.7	21.8	4.1	0.1	10.3	-13.2	-4.9	4.6
100	-500	59497	20.5	7.4	21.8	3.8	0.8	10.6	-14.8	-4.0	4.5
112.5	-500	60823	19.3	6.5	21.0	3.8	0.8	10.5	-13.0	-4.0	4.5
125	-500	61531	20.9	8.3	20.2	7.6	2.6	10.4	-9.8	-4.8	4.4
137.5	-500	60637	21.9	6.3	20.2	6.2	1.4	10.6	-10.3	-4.6	4.4
150	-500	62384	23.6	10.2	20.2	9.6	3.4	10.5	-11.0	-4.9	4.4
162.5	-500	62638	23.9	10.8	20.3	9.3	4.3	10.8	-10.8	-4.7	4.5
175	-500	63629	28.2	14.5	20.0	10.5	4.1	11.1	-13.6	-6.0	4.3
187.5	-500	65634	29.3	15.7	19.7	8.4	5.0	11.2	-14.8	-7.1	4.4
200	-500	65006	36.9	10.7	20.5	10.2	4.2	11.4	-17.5	-7.3	4.4
line	-400										
-400	-400	57652	27.3	2.9	18.9	5.3	-1.6	14.1	-12.8	-4.5	4.9
-387.5	-400	57861	27.2	2.3	19.0	4.6	-2.9	14.1	-12.4	-4.0	4.8
-375	-400	58042	27.3	2.0	19.3	3.9	-3.8	14.1	-14.3	-4.5	4.9
-362.5	-400	57887	26.8	0.9	19.5	3.4	-4.5	14.1	-15.5	-4.6	5.0
-350	-400	57829	27.9	1.6	19.5	2.7	-3.6	13.8	-14.8	-4.7	5.0
-337.5	-400	57653	29.6	2.6	19.5	2.1	-4.2	13.9	-17.2	-5.9	5.2
-325	-400	57809	30.8	3.9	20.3	1.1	-5.2	13.7	-18.7	-7.0	5.1
-312.5	-400	58140	31.0	4.7	20.9	1.9	-5.0	13.6	-18.0	-7.3	5.2
-300	-400	58048	30.8	5.0	21.5	3.1	-4.6	13.6	-17.1	-7.8	5.3
-287.5	-400	58029	29.8	6.3	21.7	3.1	-3.7	13.6	-16.3	-7.7	5.3
-275	-400	58060	27.1	6.0	22.3	5.1	-3.9	13.5	-13.2	-6.8	5.3
-262.5	-400	58063	25.8	6.4	22.5	4.7	-3.7	13.5	-13.0	-7.2	5.5
-250	-400	57963	22.8	7.0	22.5	4.7	-4.4	13.7	-9.6	-8.1	5.4
-237.5	-400	58154	20.3	7.2	22.4	4.4	-4.9	13.8	-10.0	-7.9	5.4
-225	-400	58403	19.1	7.3	22.3	4.7	-5.3	13.7	-8.7	-7.9	5.5
-212.5	-400	58597	17.1	6.6	22.2	5.6	-5.7	13.8	-7.7	-7.7	5.6
-200	-400	58837	15.2	6.4	21.6	6.6	-4.4	14.0	-4.2	-6.1	5.4
-187.5	-400	58974	16.2	7.2	21.0	6.9	-5.1	13.8	-4.6	-8.0	5.3
-175	-400	59199	18.8	8.1	21.0	7.2	-4.6	13.9	-6.0	-6.9	5.1
-162.5	-400	59140	18.3	7.1	21.1	6.3	-5.4	13.9	-6.5	-8.1	5.2
-150	-400	58991	20.4	8.4	20.1	10.4	-3.2	14.1	-4.6	-7.3	5.4
-137.5	-400	58760	21.7	9.6	20.0	11.0	-2.9	14.3	-4.9	-7.1	5.2
-125	-400	58872	22.9	7.8	19.7	7.1	-3.7	14.2	-7.6	-8.9	5.0
-112.5	-400	58662	26.0	9.0	20.4	8.8	-1.1	14.6	-4.8	-8.3	4.5
-100	-400	59932	22.4	6.0	19.7	2.7	-3.4	14.3	-11.1	-7.0	4.7
-87.5	-400	60228	25.8	7.8	19.7	2.8	-2.0	13.9	-14.7	-7.9	4.8
-75	-400	58960	24.9	5.4	20.7	3.0	-0.3	13.9	-16.3	-5.4	5.0
-62.5	-400	59112	20.9	3.3	20.3	0.3	-0.7	13.8	-14.5	-3.7	4.8
-50	-400	61083	22.8	3.2	19.0	0.0	0.0	13.6	-14.9	-2.6	4.8
-37.5	-400	61326	25.0	3.8	18.9	0.3	0.0	13.4	-15.9	-3.0	4.8
-25	-400	61238	30.5	7.5	18.9	-0.9	-0.1	13.4	-19.5	-4.1	4.8
-12.5	-400	61214	35.7	11.3	19.9	0.8	1.6	13.2	-22.9	-7.3	4.8
0	-400	62031	42.2	14.7	20.0	2.9	2.2	13.3	-24.8	-7.4	5.0
12.5	-400	61962	45.1	16.6	20.6	3.8	2.3	13.3	-26.5	-8.6	4.8
25	-400	60113	48.7	17.9	22.7	4.5	2.3	13.4	-30.4	-11.1	4.9
37.5	-400	59743	43.9	15.1	23.9	3.0	1.8	13.4	-30.0	-11.6	5.1
50	-400	59080	31.7	10.7	23.9	-1.0	1.0	14.1	-25.6	-8.7	4.9
62.5	-400	59749	25.8	5.1	23.0	-6.1	-1.7	13.6	-24.5	-6.6	5.0

75	-400	59000	27.5	6.6	22.9	-7.2	-3.7	13.1	-26.9	-7.9	4.9
87.5	-400	59080	23.1	5.6	22.3	-5.9	-1.8	13.0	-23.1	-7.3	5.0
100	-400	61460	23.5	6.3	21.2	-5.4	-0.3	12.8	-20.7	-4.4	5.0
112.5	-400	61612	24.7	6.6	21.0	-4.0	0.1	12.3	-20.1	-4.2	4.9
125	-400	62900	29.2	9.8	20.9	1.7	2.7	12.6	-18.9	-4.3	4.9
137.5	-400	59389	29.8	9.3	21.0	0.9	3.6	13.0	-19.3	-3.5	4.9
150	-400	63275	29.1	9.5	20.8	0.2	4.8	12.4	-20.3	-3.4	4.9
162.5	-400	66041	34.1	9.9	21.1	3.6	5.2	12.6	-21.7	-3.6	5.0
175	-400	64376	37.8	8.9	22.2	6.3	4.6	12.5	-22.3	-3.2	5.0
187.5	-400	61043	31.9	6.9	22.9	7.9	4.9	12.5	-18.6	-0.8	5.1
200	-400	63181	36.8	8.0	22.7	11.6	11.5	13.0	-18.5	0.9	5.1
line	-250										
-350	-250	57553	11.2	-3.1	21.2	7.9	5.9	12.0	-2.9	2.9	4.3
-337.5	-250	57510	9.2	-1.8	20.4	7.8	5.6	12.4	-2.4	2.5	4.4
-325	-250	57678	9.7	-2.4	19.9	5.9	3.7	12.2	-4.0	2.2	4.5
-312.5	-250	57239	11.6	-1.8	20.0	8.3	4.8	12.0	-3.5	1.6	4.5
-300	-250	57236	11.0	-1.6	20.0	9.4	5.2	12.2	-2.6	2.2	4.5
-287.5	-250	57308	11.5	-1.4	19.9	9.4	4.7	12.2	-2.4	1.9	4.5
-275	-250	57309	12.8	-0.8	19.7	10.1	5.5	12.2	-2.2	2.3	4.5
-262.5	-250	57606	13.5	-0.7	20.1	12.4	5.0	12.2	-2.1	2.5	4.6
-250	-250	58065	15.1	0.0	19.8	12.1	4.5	12.3	-2.3	1.5	4.6
-237.5	-250	58279	15.7	0.5	19.7	11.8	4.5	12.5	-3.4	1.4	4.5
-225	-250	58272	16.2	0.7	19.9	11.5	2.4	12.7	-4.1	-0.4	4.6
-212.5	-250	57993	14.9	-0.5	19.9	10.0	-0.4	12.6	-2.3	0.0	4.7
-200	-250	58212	15.9	-0.4	19.6	11.7	1.0	12.8	-3.0	-0.6	4.7
-187.5	-250	58424	17.5	1.0	19.5	11.5	0.9	12.5	-3.8	-0.9	4.7
-175	-250	58469	19.8	3.0	19.5	13.6	0.1	12.7	-4.0	-1.4	4.8
-162.5	-250	59001	19.9	2.5	19.7	14.3	0.8	13.0	-2.9	-2.9	4.7
-150	-250	59656	19.9	1.3	19.7	11.8	-1.8	12.8	-5.0	-3.7	4.7
-137.5	-250	60695	22.3	2.7	19.1	14.9	-1.8	12.7	-4.2	-4.0	4.6
-125	-250	60682	26.9	4.3	19.5	18.7	-0.4	12.7	-5.2	-3.4	4.5
-112.5	-250	59758	29.5	5.0	20.1	19.4	0.3	12.8	-6.0	-3.4	4.7
-100	-250	59033	27.1	3.5	20.5	22.1	3.9	13.4	-3.3	-1.4	4.8
-87.5	-250	59241	29.8	7.3	20.8	21.5	2.3	13.7	-5.0	-4.3	4.9
-75	-250	59337	29.5	6.1	21.6	20.4	3.1	14.0	-5.0	-2.5	4.8
-62.5	-250	58954	28.3	4.1	22.0	18.9	2.0	14.2	-5.6	-2.3	4.9
-50	-250	58643	24.2	2.4	22.7	17.1	2.4	14.6	-3.8	-0.5	4.8
-37.5	-250	59183	14.1	-1.4	23.6	9.7	0.9	14.8	-4.3	-0.9	4.8
-25	-250	60929	14.6	-0.1	22.2	9.2	1.8	14.1	-3.9	-0.5	4.7
-12.5	-250	60348	12.1	-1.4	22.6	8.1	2.3	14.1	-3.7	-0.2	4.8
0	-250	60163	4.8	-5.1	22.0	3.0	1.3	13.8	-2.6	2.2	4.7
line	-190										
-180	-190	61231	23.8	0.0	18.8	9.1	5.9	8.7	-10.5	2.2	4.6
-175	-190	60360	25.4	0.0	18.9	11.1	5.6	8.8	-10.3	3.2	4.6
-170	-190	60380	26.3	0.3	18.8	10.8	5.5	9.0	-11.3	2.9	4.7
-165	-190	60977	27.6	1.1	19.2	12.0	6.4	9.1	-11.8	3.2	4.7
-160	-190	60115	25.7	0.2	19.4	13.4	7.9	8.9	-9.6	4.8	4.7
-155	-190	60799	26.4	1.0	19.5	14.4	6.2	9.0	-9.4	4.5	4.6
-150	-190	61271	27.3	1.2	19.6	14.1	7.7	9.2	-9.1	4.6	4.6
-145	-190	61814	27.6	0.7	19.5	14.5	6.4	9.2	-8.6	3.0	4.7
-140	-190	61888	28.8	1.7	19.5	14.5	4.7	9.2	-9.3	2.5	4.7
-135	-190	60577	29.6	1.2	20.0	16.7	5.7	9.3	-9.4	3.7	4.7
-130	-190	60473	28.4	1.5	20.0	16.2	5.4	9.3	-8.5	2.8	4.7
-125	-190	60547	27.5	2.4	20.2	17.2	4.9	9.4	-8.3	1.4	4.8
-120	-190	60993	27.0	2.3	19.9	16.6	4.0	9.6	-7.7	1.7	4.7
-115	-190	62189	27.1	3.8	19.8	16.2	4.7	9.6	-7.9	1.2	4.7
-110	-190	62634	28.5	3.3	19.6	16.8	4.5	9.7	-8.4	0.7	4.7
-105	-190	62814	30.4	4.0	19.9	15.8	4.3	9.9	-10.0	0.9	4.8
-100	-190	62456	31.2	3.5	20.1	15.7	3.6	10.1	-10.2	0.5	4.8
-95	-190	61824	32.1	3.4	20.5	16.3	3.5	9.9	-10.8	-0.4	4.8

-90	-190	61271	33.0	4.4	20.8	16.5	3.9	10.1	-12.1	-0.8	4.8
-85	-190	61065	34.2	6.1	21.0	16.5	3.4	10.2	-12.3	-3.4	4.8
-80	-190	61469	36.0	7.5	21.4	19.2	4.5	10.3	-11.9	-4.1	4.8
-75	-190	59622	35.2	7.4	23.2	20.8	4.7	10.6	-11.2	-5.3	5.0
-70	-190	59947	34.1	7.1	23.3	20.3	5.4	10.8	-11.1	-3.2	4.9
line	40										
100	40	61663	19.7	-2.5	21.9	12.5	9.1	11.8	-6.2	3.4	4.7
105	40	62253	18.5	-2.9	21.9	12.2	8.8	11.8	-5.3	4.5	4.7
110	40	64434	20.0	-3.8	21.3	13.6	9.4	11.6	-7.9	3.4	4.5
115	40	64406	21.7	-3.1	21.4	14.9	9.8	11.8	-7.2	3.8	4.6
120	40	63446	21.6	-4.1	21.6	15.9	5.8	11.7	-6.8	4.3	4.7
125	40	63412	21.4	-4.7	21.9	16.0	6.5	11.7	-7.0	5.5	4.6
130	40	63392	21.0	-5.7	22.2	17.4	7.2	11.6	-5.0	6.8	4.6
135	40	63087	21.1	-6.8	22.1	19.3	7.8	11.7	-4.2	6.7	4.6
140	40	61841	21.1	-7.3	22.2	20.8	6.8	12.1	-2.5	8.3	4.7
145	40	60997	20.4	-6.9	22.5	21.1	7.8	12.1	-3.1	8.0	4.7
150	40	59381	18.1	-7.9	22.6	20.8	7.9	12.3	-0.5	9.3	4.8
155	40	59558	17.1	-8.0	22.3	18.3	13.8	12.5	0.0	11.1	4.8
160	40	60110	16.2	-7.7	22.1	19.5	15.7	12.4	0.0	12.1	4.8
165	40	60501	16.1	-7.5	22.0	21.1	15.6	12.6	1.6	12.5	4.8
170	40	60412	17.6	-7.0	21.6	20.7	15.1	13.1	1.4	11.4	4.9
175	40	60124	17.7	-6.4	21.6	19.4	13.2	13.3	1.2	11.3	4.9
180	40	59961	17.8	-5.9	21.7	18.3	11.5	13.3	-0.1	9.1	5.0
185	40	60258	17.7	-5.8	21.7	18.0	11.4	13.3	-0.7	9.6	4.9
190	40	60259	18.2	-5.4	21.4	15.3	9.2	13.4	-1.9	7.5	4.8
195	40	60260	18.1	-5.2	21.6	13.8	5.0	13.3	-3.1	7.4	4.9
200	40	60386	18.0	-5.4	21.4	11.2	2.9	13.3	-6.4	6.5	4.9
line	50										
0	50	60063	-18.9	2.3	21.9	-4.0	-8.8	10.4	-14.2	5.0	5.1
12.5	50	61309	21.3	-3.2	22.0	5.0	8.6	10.4	-12.6	10.7	4.8
25	50	57725	19.0	-4.9	23.4	8.3	10.5	10.6	-11.1	11.2	5.0
37.5	50	58773	13.9	-5.3	22.3	8.6	12.2	10.8	-6.5	12.0	4.8
50	50	61872	17.4	-2.9	21.9	7.5	11.8	10.8	-9.5	12.5	4.8
62.5	50	63641	20.7	-2.7	21.5	8.9	10.4	10.8	-9.8	9.2	4.8
75	50	63617	20.7	-2.9	21.8	10.9	9.1	10.9	-9.0	9.5	4.9
87.5	50	61682	22.8	-2.4	22.1	12.8	7.0	11.2	-8.6	7.1	5.0
100	50	62013	21.9	-1.8	22.5	14.0	8.0	11.0	-8.0	7.0	5.0
112.5	50	63067	19.9	-2.5	22.1	17.1	7.9	11.4	-3.9	7.4	5.1
125	50	63320	19.4	-3.6	22.0	17.7	9.3	11.3	-3.8	8.9	5.0
130	50	62677	21.7	-3.3	22.4	19.0	8.7	11.4	-4.2	8.2	5.1
135	50	61288	21.8	-3.4	22.6	19.5	9.1	11.5	-4.5	8.8	5.1
140	50	60400	21.5	-3.4	23.0	20.6	10.0	11.6	-3.8	9.2	5.1
145	50	59884	19.4	-4.4	23.2	20.1	10.1	11.8	-1.7	11.2	5.1
150	50	59971	19.1	-5.1	22.8	20.9	11.2	11.8	-1.5	12.1	5.1
155	50	60210	17.6	-5.5	22.9	21.1	12.1	11.8	-1.0	12.9	5.2
160	50	60726	16.8	-6.1	22.3	20.8	13.2	12.1	1.1	12.5	5.1
165	50	60164	18.8	-5.5	22.4	21.5	10.9	12.7	0.6	11.9	5.2
170	50	59698	18.0	-5.6	22.5	19.0	9.6	12.9	0.0	11.3	5.3
175	50	59545	17.6	-5.7	22.4	17.9	9.3	12.9	-1.8	11.5	5.2
180	50	59614	18.6	-5.3	22.0	15.5	8.3	13.0	-2.6	9.9	5.3
185	50	59648	18.3	-4.5	21.9	13.4	6.3	13.1	-3.9	9.0	5.2
190	50	59677	18.2	-4.9	21.9	12.5	5.9	13.1	-4.7	8.2	5.3
195	50	59764	18.4	-4.6	21.8	10.2	5.3	13.0	-6.8	7.9	5.3
200	50	59805	18.6	-4.7	21.9	10.7	4.8	13.0	-6.7	7.9	5.2
205	50	59909	19.0	-4.8	22.0	7.8	4.6	12.9	-8.5	6.8	5.2
210	50	60085	18.8	-5.7	21.6	6.8	2.8	13.0	-10.3	6.8	5.2
215	50	60139	18.7	-6.0	21.5	4.4	1.7	12.7	-11.1	6.7	5.2
220	50	60897	20.3	-4.3	21.0	3.2	0.6	12.6	-13.5	5.9	5.2
225	50	60891	23.5	-1.6	21.5	4.2	2.5	12.3	-15.1	4.1	5.3
230	50	60577	25.3	-1.7	21.5	4.7	1.8	12.3	-15.5	4.0	5.3

235	50	60505	26.5	-1.1	21.7	3.8	1.5	12.3	-16.8	3.3	5.3
240	50	60693	27.3	-0.1	22.0	3.2	1.4	12.1	-18.9	3.0	5.3
245	50	60363	28.2	-0.4	22.4	4.9	3.5	11.9	-17.6	2.2	5.3
250	50	60176	27.8	-0.1	22.7	5.8	3.3	11.9	-17.3	3.1	5.3
255	50	60024	28.7	-0.8	22.5	6.6	3.0	12.2	-17.6	3.6	5.3
260	50	60168	29.0	0.5	22.7	7.7	3.7	12.1	-16.3	3.4	5.3
265	50	60196	28.5	0.3	22.8	7.5	3.0	12.1	-16.5	3.2	5.2
270	50	60188	27.9	-0.3	23.1	6.9	2.8	12.2	-16.2	2.9	5.2
275	50	60152	27.7	-0.7	22.9	6.6	2.5	12.1	-17.4	3.3	5.1
280	50	60286	27.7	-1.9	22.8	4.4	1.0	12.0	-18.4	1.9	5.2
285	50	60358	28.6	-1.2	22.6	3.8	-1.0	11.9	-19.6	1.3	5.1
290	50	59920	29.7	-0.5	22.9	4.7	0.0	11.6	-19.2	1.1	5.1
295	50	59937	29.3	0.0	23.0	6.3	1.3	11.5	-19.7	1.3	5.1
300	50	59968	30.1	0.2	23.0	6.1	2.2	11.4	-19.0	2.7	5.1
305	50	59925	29.1	-1.2	23.3	8.1	2.1	11.3	-16.5	2.5	5.1
310	50	59579	29.5	-1.0	22.9	9.0	2.7	11.6	-17.4	2.5	5.2
315	50	59812	30.8	0.5	23.0	10.2	3.6	11.4	-17.3	2.7	5.1
320	50	59780	32.4	0.6	23.0	10.6	3.8	11.6	-17.5	2.5	5.1
325	50	59649	31.8	1.2	23.5	10.2	3.6	11.6	-18.1	1.8	5.1
330	50	59644	31.9	0.9	23.6	10.7	4.4	11.6	-16.7	2.7	5.2
335	50	59548	30.9	0.0	23.7	11.8	4.2	11.5	-17.0	2.7	5.2
340	50	59484	32.0	0.4	23.8	13.5	5.6	11.4	-16.2	3.6	5.2
345	50	59560	31.6	0.6	24.0	14.6	6.9	11.4	-16.6	5.3	5.2
350	50	59680	31.8	0.9	23.9	16.7	7.9	11.6	-14.3	4.7	5.1
355	50	59885	31.7	0.8	23.8	16.9	8.9	11.8	-13.5	5.3	5.2
360	50	60026	32.2	1.0	24.0	19.0	7.8	11.9	-12.8	5.3	5.2
365	50	60061	33.0	0.5	24.1	18.7	7.8	12.3	-13.4	5.9	5.3
370	50	59992	32.3	0.0	24.7	18.3	5.9	12.5	-13.6	4.1	5.3
375	50	59592	31.3	-0.9	24.8	16.5	4.1	12.6	-13.1	3.1	5.2
380	50	59524	29.2	-1.5	25.1	14.0	1.9	12.5	-14.2	2.7	5.1
385	50	59815	29.1	-2.6	24.6	12.3	1.2	12.5	-15.5	2.3	5.2
390	50	60094	29.7	-2.1	24.4	11.6	0.1	12.4	-14.9	2.5	5.2
395	50	60143	29.3	-2.3	24.3	10.5	-0.2	12.5	-16.3	3.5	5.1
400	50	60153	30.1	-2.0	24.0	10.7	-0.7	12.6	-17.2	2.3	5.1
Line 0											
0	0	60767	28.1	6.4	14.6	5.3	3.5	12.2	-18.5	-2.0	5.6
12.5	0	61173	28.1	8.3	14.4	5.1	3.1	12.2	-17.9	-4.1	5.6
25	0	61334	29.2	8.3	14.7	5.8	2.9	12.3	-18.4	-2.6	5.7
37.5	0	61272	28.9	7.6	14.6	6.5	3.1	12.5	-18.3	-3.2	5.7
50	0	61678	29.3	7.9	14.9	6.9	4.1	12.6	-17.0	-2.7	5.8
62.5	0	62052	29.0	7.1	15.3	9.2	4.3	12.7	-16.6	-3.1	5.9
75	0	62192	29.9	6.7	14.7	8.9	3.1	13.2	-16.5	-0.4	6.0
87.5	0	62798	31.6	6.6	15.0	9.6	3.9	13.4	-16.6	-1.1	6.1
100	0	62381	29.9	4.0	15.0	11.1	2.5	13.9	-14.3	-0.3	6.2
112.5	0	62520	32.1	4.1	15.0	9.4	0.8	14.0	-15.7	-2.1	6.3
125	0	62082	34.5	6.0	15.2	11.8	2.4	14.0	-16.2	-2.3	6.4
137.5	0	59711	30.0	2.9	15.7	13.1	4.0	15.0	-12.1	1.1	6.4
150	0	59053	29.0	2.1	15.5	12.9	3.2	15.6	-11.5	0.0	6.5
162.5	0	58375	24.3	-0.1	15.6	6.7	1.2	15.9	-13.3	1.4	6.5
175	0	58367	23.7	-1.0	15.2	4.0	-0.3	15.8	-14.7	2.9	6.6
187.5	0	59003	21.8	-3.4	14.6	-3.0	-2.9	15.3	-18.7	1.4	6.4
200	0	59776	22.9	-2.3	14.2	-6.0	-4.1	14.7	-21.9	0.6	6.3
212.5	0	60546	26.3	-0.4	14.4	-8.0	-3.0	13.6	-23.6	-0.3	6.2
225	0	61288	27.8	0.0	14.1	-4.7	-3.3	13.2	-24.3	0.1	6.1
237.5	0	60771	30.4	2.2	14.3	-0.6	1.7	12.9	-22.8	0.8	6.1
250	0	60832	31.5	2.2	14.3	1.7	0.7	12.8	-22.5	0.1	6.1
262.5	0	62379	34.3	4.5	14.8	5.6	2.9	12.5	-22.3	-1.2	6.1
275	0	60379	27.8	-0.7	15.6	10.1	4.7	12.9	-16.0	3.4	6.2
287.5	0	60360	26.4	-2.6	14.8	10.7	4.1	13.2	-14.2	5.2	6.1
300	0	60182	27.5	-1.8	14.7	8.2	3.0	13.4	-16.0	3.5	6.0

312.5	0	60222	30.2	-0.7	14.7	8.6	3.1	13.4	-17.8	3.4	6.2
325	0	59879	31.0	0.0	14.9	7.2	2.4	13.4	-18.6	2.0	6.2
337.5	0	60822	39.3	5.0	14.8	9.4	2.4	13.1	-21.5	-1.3	6.1
350	0	60714	40.1	3.2	15.3	12.3	4.1	13.1	-21.2	-0.5	6.2
362.5	0	60536	37.2	0.0	16.1	11.7	1.6	13.2	-20.8	-0.5	6.2
375	0	60452	33.9	-2.1	16.2	11.5	-0.3	13.2	-20.2	0.7	6.1
387.5	0	59900	26.0	-5.7	15.3	8.6	-2.7	13.1	-17.1	2.1	6.1
400	0	59906	26.1	-6.1	15.6	8.4	-2.7	12.9	-16.4	2.5	6.0
line	-100										
-400	-100	58840	22.3	7.1	20.0	0.1	-0.6	13.3	-14.5	-6.9	4.6
-387.5	-100	60040	23.6	9.1	20.1	0.0	-1.5	13.1	-15.8	-8.6	4.5
-375	-100	59767	27.2	9.7	20.9	0.6	-0.9	13.2	-18.0	-9.1	4.6
-362.5	-100	59103	26.9	8.8	21.3	0.1	-1.1	13.4	-17.9	-9.7	4.7
-350	-100	59159	26.9	8.7	21.2	0.0	-0.2	13.5	-17.0	-7.4	4.7
-337.5	-100	58235	26.6	9.2	21.8	-0.1	-1.5	13.8	-19.5	-6.8	4.7
-325	-100	58249	25.1	8.2	21.8	-2.3	-2.8	13.7	-19.7	-9.0	4.8
-312.5	-100	58661	24.0	8.5	21.6	-3.4	-3.5	13.5	-19.6	-8.7	4.7
-300	-100	60107	25.0	2.8	21.7	-4.5	-4.8	12.8	-21.9	-9.1	4.6
-287.5	-100	60282	22.6	6.0	21.8	-5.0	-5.0	12.9	-17.6	-10.1	4.6
-275	-100	60777	23.9	4.9	21.6	-4.1	-6.7	12.7	-22.0	-10.4	4.7
-262.5	-100	60718	23.1	3.9	21.8	-4.5	-7.9	12.4	-20.7	-10.6	4.5
-250	-100	60556	23.6	3.0	22.1	-4.6	-9.0	12.3	-21.8	-10.8	4.5
-237.5	-100	60933	24.0	2.7	21.9	-4.0	-9.0	12.0	-21.2	-10.3	4.5
-225	-100	60268	25.0	1.4	22.2	-2.5	-8.4	11.8	-21.4	-8.8	4.6
line	0										
-400	0	57980	29.7	7.6	20.8	-2.6	-0.8	13.9	-22.6	-6.1	4.7
-387.5	0	58456	31.7	8.1	21.1	-1.5	0.0	13.7	-22.1	-5.7	4.8
-375	0	58318	32.7	9.0	21.8	-0.2	1.1	13.8	-23.2	-7.1	4.8
-362.5	0	58477	28.6	4.2	22.6	-1.4	0.1	13.6	-21.3	-4.7	4.7
-350	0	58769	27.7	1.8	22.5	-0.6	0.1	13.5	-20.8	-2.9	4.7
-337.5	0	59670	25.2	0.6	22.4	-0.6	-1.2	13.2	-20.5	-2.7	4.7
-325	0	59589	25.2	-0.2	22.4	-1.3	-1.1	13.1	-20.9	-2.1	4.7
-312.5	0	60753	28.0	0.0	21.9	-0.7	-1.0	13.4	-22.6	-1.8	4.6
-300	0	60589	28.3	0.0	22.1	-0.3	-1.4	13.3	-22.1	-2.3	4.7
-287.5	0	59980	29.3	0.6	22.2	-0.6	-0.8	13.4	-23.7	-1.0	4.8
-275	0	59319	27.0	-0.8	23.3	-0.4	-1.1	13.6	-22.6	-2.5	4.9
-262.5	0	59457	25.4	-3.3	23.7	-3.2	-4.2	13.3	-24.3	-1.4	4.8
-250	0	59553	22.4	-4.0	24.3	-3.4	-5.9	13.2	-22.3	-1.9	4.9
-237.5	0	59660	18.0	-6.7	23.9	-8.4	-7.8	13.4	-22.3	-1.9	4.8
-225	0	59789	15.9	-9.4	24.1	-9.9	-13.5	13.0	-23.7	-3.0	4.8
-212.5	0	58014	13.5	-10.7	24.1	-13.0	-15.0	12.9	-22.4	-2.1	4.8
-200	0	57360	10.1	-10.7	23.4	-12.7	-18.6	12.1	-19.7	-3.6	4.8
line	-1250										
-200	-1250	64299	20.3	8.0	20.4	21.8	-2.2	11.3	3.2	-6.1	4.6
-187.5	-1250	60387	20.0	6.1	20.6	22.4	-2.0	11.4	4.3	-6.3	4.5
-175	-1250	60412	24.2	8.8	21.1	23.9	1.2	11.2	1.4	-8.6	4.5
-162.5	-1250	59835	24.0	7.8	23.1	22.7	0.5	11.2	0.1	-8.9	4.8
-150	-1250	60710	12.8	2.9	24.4	21.0	-0.6	11.1	4.8	-7.2	4.8
-137.5	-1250	61690	5.8	0.4	24.1	22.1	-2.3	10.8	9.9	-4.4	4.8
-125	-1250	62557	-0.4	-1.3	22.8	23.3	-3.6	10.9	15.8	-1.4	4.8
-112.5	-1250	62885	-2.6	1.0	21.8	24.1	-3.1	10.8	18.2	-0.9	4.6
-100	-1250	64061	2.1	-0.4	20.0	27.9	-0.7	10.8	20.6	-0.2	4.3
-87.5	-1250	62865	2.7	3.4	19.6	26.1	-5.2	11.0	17.0	-1.2	4.3
-75	-1250	62335	5.1	1.6	18.6	27.4	-0.5	10.7	18.5	-0.3	4.2
-62.5	-1250	63524	8.7	5.1	17.9	31.5	-0.7	10.8	18.1	-2.8	4.1
-50	-1250	63599	15.4	8.8	18.3	32.2	1.8	11.2	14.3	-2.8	4.1
-37.5	-1250	63296	18.5	11.0	18.6	34.2	2.6	11.4	14.2	-3.3	4.2
-25	-1250	62866	22.7	11.8	19.2	34.1	3.5	12.1	11.2	-3.3	4.2
-12.5	-1250	62045	22.5	10.9	20.0	30.3	2.2	12.2	9.4	-3.9	4.3
0	-1250	61515	20.1	10.8	19.8	27.9	2.8	12.0	8.9	-3.5	4.2

12.5	-1250	61881	21.5	10.1	20.1	27.7	2.9	12.1	7.9	-3.9	4.2
25	-1250	63145	23.3	13.0	20.3	28.4	5.2	12.3	6.8	-5.1	4.3
37.5	-1250	62463	22.3	8.9	21.1	23.9	0.4	13.3	4.7	-3.5	4.4
50	-1250	62777	19.4	8.0	21.2	19.9	0.3	12.9	3.1	-4.9	4.4
62.5	-1250	62881	18.7	6.0	21.1	17.7	0.0	12.8	1.6	-5.6	4.4
75	-1250	64222	17.3	4.7	21.0	16.3	-2.4	12.6	1.8	-5.6	4.3
87.5	-1250	65967	19.5	3.7	20.4	16.2	-2.3	12.4	0.3	-4.9	4.3
100	-1250	63731	24.8	13.3	20.9	19.0	-1.6	12.3	-4.5	-6.0	4.5
112.5	-1250	61729	30.2	8.3	22.6	20.2	0.3	12.0	-6.7	-6.8	4.5
125	-1250	59658	25.5	11.6	24.7	21.1	0.0	12.5	-5.2	-7.0	4.7
137.5	-1250	60439	20.1	5.6	24.9	18.5	-0.6	12.7	-1.9	-5.9	4.8
150	-1250	61346	12.5	2.8	24.5	17.1	-0.9	12.7	2.5	-2.9	4.8
162.5	-1250	61737	10.9	1.8	24.1	16.5	-1.2	12.7	3.8	-2.7	4.8
175	-1250	63466	8.8	0.3	23.0	18.0	-0.3	12.2	5.4	0.2	4.8
187.5	-1250	62600	8.5	-3.5	22.3	19.9	2.6	12.0	7.6	3.4	4.5
200	-1250	62664	8.6	0.8	22.2	23.1	2.8	12.1	9.5	4.0	4.5
212.5	-1250	61925	7.9	-2.6	22.4	23.5	2.7	12.1	10.0	4.9	4.5
225	-1250	63520	4.3	-4.1	21.2	22.2	2.5	11.9	12.4	5.5	4.4
237.5	-1250	63819	7.4	-3.1	20.7	23.0	3.3	11.8	11.2	6.8	4.3
250	-1250	63484	12.4	-1.4	21.1	24.7	3.3	12.2	8.8	4.3	4.4
262.5	-1250	63089	12.9	-1.9	21.2	24.1	3.3	12.1	9.2	4.7	4.3
275	-1250	63893	17.3	0.3	21.3	24.7	2.8	12.0	6.7	3.1	4.2
287.5	-1250	63889	17.9	0.1	21.1	24.5	3.6	12.0	4.6	1.9	4.2
300	-1250	62404	19.8	-0.7	22.7	25.6	5.0	12.0	3.6	1.5	4.3
312.5	-1250	62143	9.9	-7.5	23.1	22.8	3.0	12.1	5.2	4.1	4.3
325	-1250	62816	14.3	-7.1	21.1	25.6	2.4	11.8	5.8	5.0	4.3
337.5	-1250	62351	15.8	-5.6	21.7	25.6	3.0	11.8	6.7	6.2	4.3
350	-1250	63089	13.1	-9.2	20.7	28.7	3.8	11.9	10.4	10.5	4.2
362.5	-1250	63672	20.1	-7.3	20.1	32.0	3.6	12.2	10.7	9.5	4.2
375	-1250	62310	27.8	-5.0	21.6	35.0	6.4	13.1	6.4	7.0	4.1
387.5	-1250	61576	19.6	-10.4	22.4	26.3	-2.6	13.5	4.6	8.7	4.1
400	-1250	62403	22.9	-11.6	20.8	24.2	-2.2	12.9	1.1	7.6	4.1
412.5	-1250	62468	26.5	-9.5	21.0	26.3	-1.1	12.8	0.3	6.9	4.0
425	-1250	62157	33.8	-6.1	22.2	30.9	2.7	13.0	-3.4	6.1	4.0
437.5	-1250	58450	23.4	-6.4	27.2	24.4	0.3	14.0	-4.2	4.7	4.2
450	-1250	59402	0.4	-12.0	24.7	11.0	-2.1	13.4	5.7	10.5	4.2
462.5	-1250	60642	9.8	-8.5	21.9	10.7	-1.4	13.8	-0.9	6.1	4.2
475	-1250	62205	13.6	-7.9	21.0	9.2	-1.3	13.4	-4.3	5.7	4.2
487.5	-1250	62483	15.1	-7.2	20.7	9.5	-1.1	13.5	-6.1	4.2	4.2
500	-1250	61284	14.4	-10.0	20.7	5.3	-3.9	13.5	-7.9	3.6	4.3
512.5	-1250	62197	16.7	-8.4	19.8	5.0	-4.0	13.0	-8.5	3.0	4.3
525	-1250	61652	26.4	-5.3	19.2	8.9	-2.4	13.1	-12.8	1.2	4.4
537.5	-1250	61584	29.4	-2.3	19.4	10.5	-1.4	13.1	-14.3	0.6	4.5
550	-1250	61041	32.0	-0.5	21.4	12.1	-1.3	13.4	-15.4	-1.7	4.5
562.5	-1250	61808	31.4	0.0	21.2	9.3	-2.9	13.1	-16.1	-0.8	4.5
575	-1250	61236	33.2	1.4	21.4	9.9	-3.3	13.3	-16.8	0.0	4.6
587.5	-1250	60985	38.4	8.0	23.3	10.8	-1.6	13.6	-21.2	-3.8	4.8
600	-1250	59574	35.3	6.3	26.4	10.2	-2.5	13.5	-21.8	-4.4	5.1
612.5	-1250	57902	22.7	2.1	27.6	8.8	-2.0	13.6	-14.4	-2.1	5.2
625	-1250	58197	11.9	0.7	24.5	7.1	-1.5	13.5	-5.0	1.1	5.0
637.5	-1250	58438	17.1	4.4	23.3	7.6	-0.8	13.6	-7.7	-1.0	4.9
650	-1250	58419	16.3	-0.4	0.7	7.3	1.3	13.9	-8.8	-1.5	4.9
662.5	-1250	58333	22.6	12.8	0.6	7.9	-0.7	13.7	-10.4	-3.1	4.9
675	-1250	58224	-61.9	-66.4	0.5	7.4	-0.9	13.8	-11.6	-3.8	5.1
687.5	-1250	58141	49.3	-13.0	0.6	6.9	-1.7	13.8	-10.3	-3.6	5.1
700	-1250	58173	-15.3	6.4	0.7	8.0	-0.1	13.6	-5.4	1.1	5.3
712.5	-1250	58235	33.3	-5.7	1.1	8.7	-0.1	13.6	-2.8	1.9	5.3
725	-1250	58280	-15.9	0.6	2.0	10.7	1.0	13.3	0.9	4.3	5.1
737.5	-1250	58319	4.2	-10.4	1.2	11.7	2.6	13.3	-2.7	3.7	4.9
750	-1250	58215	-69.1	-39.3	0.5	11.5	3.2	13.5	-3.6	3.9	4.9

762.5	-1250	58151	-25.3	-5.7	0.5	12.8	2.7	13.1	-5.6	1.2	4.8
775	-1250	58252	-24.2	-11.0	1.3	13.9	2.9	13.1	-5.8	1.5	4.7
787.5	-1250	58145	100.6	69.5	0.6	13.9	2.8	13.3	-6.5	2.1	4.7
800	-1250	58109	21.2	-15.4	0.4	12.4	3.0	13.7	-8.4	1.4	4.8
812.5	-1250	58133	-21.0	-19.0	0.5	11.3	3.0	13.6	-9.5	0.6	4.8
825	-1250	58033	-63.9	-52.3	0.6	9.2	1.8	13.6	-8.9	1.6	4.8
837.5	-1250	57986	59.5	26.7	0.9	7.9	1.2	13.4	-7.3	2.2	4.8
850	-1250	57887	6.5	-1.0	2.2	7.2	1.8	13.4	-9.2	2.1	4.8
862.5	-1250	57812	1.0	1.1	0.6	8.9	4.2	13.3	-8.6	2.7	4.9
875	-1250	57859	-43.3	-16.4	0.5	8.8	5.2	13.4	-6.7	4.2	4.9
887.5	-1250	57929	2.4	6.2	1.1	9.6	6.6	13.6	-7.1	4.0	4.9
900	-1250	58030	13.8	-1.4	1.1	11.0	5.5	13.8	-9.0	3.2	4.8
912.5	-1250	57941	45.2	15.6	1.2	9.3	4.8	14.1	-10.4	2.0	4.8
925	-1250	57910	17.8	-0.4	22.0	3.1	1.2	13.8	-12.8	1.8	4.8
937.5	-1250	57959	20.8	1.2	21.9	3.4	2.0	13.5	-15.3	0.7	4.9
950	-1250	57848	21.9	-1.4	22.1	3.0	2.3	13.8	-15.9	0.7	4.9
962.5	-1250	57801	19.2	-2.8	21.9	0.3	-0.6	13.5	-16.9	0.0	4.9
975	-1250	57742	24.0	0.0	21.4	1.6	2.6	13.6	-17.5	0.4	5.0
987.5	-1250	57648	22.1	-3.0	21.7	0.8	0.9	13.5	-17.7	0.5	5.1
1000	-1250	57625	20.5	-4.5	21.4	-2.1	-2.5	12.8	-18.3	0.0	5.1
line	-1150										
-200	-1150	62183	9.1	1.1	19.1	23.8	9.0	11.3	10.9	5.0	4.4
-187.5	-1150	62337	6.7	0.0	18.9	24.2	8.4	11.5	13.1	6.0	4.4
-175	-1150	65092	6.9	0.0	17.9	25.4	8.7	11.2	14.4	6.0	4.0
-162.5	-1150	63775	10.7	-0.1	17.7	27.5	7.8	11.8	12.5	4.6	4.1
-150	-1150	62442	12.2	0.7	17.9	26.7	7.0	11.9	12.7	5.9	4.1
-137.5	-1150	60796	17.0	1.6	18.1	25.3	6.6	12.1	9.3	2.2	4.1
-125	-1150	61400	15.2	0.4	18.4	22.8	4.0	12.2	7.8	1.3	4.1
-112.5	-1150	63571	15.4	0.9	18.2	19.4	1.6	12.0	5.3	0.1	4.2
-100	-1150	63933	16.4	1.0	18.3	18.8	0.4	11.7	4.1	-1.4	4.1
-87.5	-1150	63225	16.9	1.8	18.5	19.8	0.9	11.7	4.5	-1.5	4.2
-75	-1150	63407	19.2	1.6	18.4	20.4	0.9	11.6	4.2	-1.6	4.0
-62.5	-1150	62524	22.9	3.1	18.5	22.7	2.3	11.7	1.9	-2.1	4.2
-50	-1150	61985	24.4	3.9	19.0	23.6	2.6	11.8	1.9	-0.7	4.2
-37.5	-1150	61150	25.9	3.4	19.1	23.5	3.3	12.2	1.3	-1.7	4.3
-25	-1150	60328	25.0	4.1	19.8	21.7	2.0	12.4	-0.5	-2.5	4.4
-12.5	-1150	61222	24.3	4.0	20.0	20.4	1.1	12.2	-2.3	-2.5	4.5
0	-1150	61817	24.9	4.5	20.2	20.6	0.8	12.3	-0.8	-2.3	4.5
12.5	-1150	62166	24.5	3.3	20.1	22.2	1.7	12.4	0.4	-1.0	4.4
25	-1150	61722	25.1	3.3	20.3	20.9	0.6	12.6	-0.4	-2.2	4.5
37.5	-1150	60983	25.8	2.0	20.3	20.9	0.9	12.6	-1.9	-2.1	4.5
50	-1150	61259	24.7	3.2	20.4	21.3	1.1	12.7	-0.6	-2.6	4.4
62.5	-1150	61143	30.2	5.3	20.8	22.4	2.2	13.1	-3.1	-2.5	4.4
75	-1150	60486	28.5	3.8	21.5	21.8	1.8	13.0	-2.4	-3.5	4.5
87.5	-1150	60368	27.0	2.8	22.0	22.5	2.5	13.6	-2.2	-0.7	4.6
100	-1150	60076	26.5	2.9	21.6	19.6	1.0	13.9	-2.6	-2.4	4.6
112.5	-1150	60676	27.0	1.8	22.2	16.9	0.3	14.2	-4.4	-3.4	4.6
125	-1150	60518	23.5	-0.1	23.0	13.9	-0.5	14.2	-5.5	-2.4	4.6
137.5	-1150	60654	16.8	-4.0	22.4	10.6	-2.4	14.3	-4.5	-1.3	4.6
150	-1150	60939	16.2	-4.7	21.6	9.0	-2.9	14.0	-5.3	-0.6	4.5
162.5	-1150	61255	14.6	-6.2	21.1	6.7	-3.1	13.7	-4.9	0.0	4.5
175	-1150	61678	14.8	-7.0	20.2	6.2	-3.1	13.6	-6.4	0.4	4.3
187.5	-1150	60914	18.4	-5.8	19.9	6.0	-1.2	13.2	-10.7	0.0	4.2
200	-1150	60764	19.1	-3.9	20.2	7.2	0.3	13.3	-10.8	0.6	4.1
212.5	-1150	61405	20.3	-4.1	19.7	7.7	0.9	13.2	-9.5	1.5	4.2
225	-1150	61175	20.5	-5.2	19.9	7.3	0.5	13.3	-11.9	2.8	4.2
237.5	-1150	61320	21.0	-5.4	20.1	7.4	1.3	13.0	-9.9	2.2	4.2
250	-1150	61611	19.9	-6.9	20.1	10.5	2.3	13.0	-7.8	4.6	4.1
262.5	-1150	62591	21.9	-6.0	20.2	11.8	4.1	12.9	-10.0	5.0	4.1
275	-1150	62549	22.0	-7.5	20.4	10.9	3.1	13.1	-9.0	5.8	4.1

287.5	-1150	61412	20.9	-11.3	20.3	8.8	1.0	13.3	-11.8	6.5	4.0
300	-1150	61054	22.6	-12.9	19.7	8.0	0.3	13.5	-13.2	5.8	3.8
312.5	-1150	62755	22.9	-12.7	19.0	5.8	0.7	13.2	-15.4	6.2	4.0
325	-1150	62832	29.3	-11.6	18.7	6.5	-0.5	13.3	-17.7	3.2	3.9
337.5	-1150	61268	35.5	-9.5	19.2	4.8	-2.4	13.4	-23.9	-0.4	4.1
350	-1150	61480	38.2	-6.7	19.4	7.1	-0.5	12.9	-24.1	-0.6	4.0
362.5	-1150	60359	43.4	-6.9	20.3	5.6	-2.4	13.5	-31.3	-4.2	4.2
375	-1150	59840	46.0	-2.4	22.5	7.8	-1.5	12.9	-30.2	-4.6	4.3
387.5	-1150	58794	35.0	-6.8	24.2	10.2	0.9	13.3	-24.0	1.0	4.3
400	-1150	58872	32.2	-6.7	25.4	10.2	1.4	13.3	-22.0	3.2	4.3
412.5	-1150	58951	-22.4	9.5	26.2	7.7	0.0	13.5	-16.3	6.7	4.6
425	-1150	59478	13.6	-12.5	22.2	2.0	-0.5	13.6	-13.0	6.0	4.1
437.5	-1150	59321	20.3	-10.6	21.2	1.8	-0.3	13.8	-17.8	4.0	4.2
450	-1150	60077	18.8	-8.5	20.9	1.3	0.0	13.6	-16.0	3.5	4.2
462.5	-1150	61988	23.7	-8.3	20.2	2.6	0.0	13.5	-17.7	3.0	4.2
475	-1150	61672	28.3	-7.6	20.1	3.3	-0.5	13.7	-19.4	3.5	4.2
487.5	-1150	61243	34.1	-4.6	20.1	4.4	-0.3	13.7	-24.2	1.0	4.2
500	-1150	60476	39.5	-1.1	21.4	7.4	1.4	13.8	-24.8	0.4	4.5
512.5	-1150	57625	34.7	-2.3	23.5	5.4	0.4	14.3	-23.6	-0.2	4.9
525	-1150	57189	34.7	-2.1	24.0	3.6	-1.5	14.1	-23.3	-2.0	5.0
537.5	-1150	57689	22.2	-3.7	24.6	10.7	1.6	13.7	-12.1	3.0	4.9
550	-1150	57764	20.7	-3.7	24.4	11.4	2.2	13.8	-9.4	3.7	4.8
562.5	-1150	57949	17.2	-3.7	24.1	13.4	3.3	13.7	-5.8	4.9	4.8
575	-1150	58526	14.6	-4.6	23.2	12.9	4.2	13.8	-3.5	6.5	4.5
587.5	-1150	58975	14.4	-2.7	22.1	12.1	4.8	13.7	-2.6	5.1	4.4
600	-1150	58993	16.5	0.4	22.1	12.3	5.6	13.4	-5.0	4.7	4.3
612.5	-1150	58724	17.1	2.0	22.2	11.6	5.9	13.6	-6.0	4.2	4.3
625	-1150	58880	18.7	-3.5	22.5	12.1	7.7	13.6	-6.9	3.1	4.2
637.5	-1150	59369	16.2	0.6	22.6	11.6	6.4	13.5	-7.2	3.5	4.3
650	-1150	59510	14.8	-0.4	22.1	11.0	6.8	13.4	-5.2	4.9	4.3
662.5	-1150	59488	15.1	-1.5	21.2	10.2	5.7	13.7	-5.4	5.2	4.2
675	-1150	59440	16.4	-1.5	20.8	10.4	5.8	13.5	-6.7	5.3	4.1
687.5	-1150	59485	16.3	-1.6	20.4	10.9	6.2	13.5	-5.6	5.6	4.2
700	-1150	59522	19.0	-0.3	20.3	10.3	5.6	13.5	-7.9	5.1	4.0
712.5	-1150	59322	21.6	1.3	20.2	10.4	5.2	13.6	-9.1	2.7	4.2
725	-1150	59281	23.3	1.5	20.4	9.5	4.4	13.8	-10.3	2.0	4.2
737.5	-1150	59046	25.1	0.8	20.8	7.6	2.9	13.7	-12.2	0.9	4.3
750	-1150	59145	23.7	1.2	20.8	6.6	1.8	13.6	-14.0	1.3	4.2
762.5	-1150	58741	27.0	-2.4	20.3	3.9	-0.3	13.5	-17.6	-2.6	4.2
775	-1150	58343	28.5	0.4	21.3	5.1	0.9	13.3	-18.9	-2.3	4.2
787.5	-1150	58242	25.4	0.4	22.1	4.6	1.5	13.4	-17.6	-0.1	4.4
800	-1150	58276	23.2	1.0	21.2	4.1	2.4	13.6	-16.6	1.3	4.2
812.5	-1150	58292	25.6	-1.8	20.9	4.7	2.0	13.5	-18.4	0.0	4.2
825	-1150	58070	24.6	-1.3	21.2	4.1	2.4	13.7	-16.6	1.3	4.2
837.5	-1150	58055	23.8	-1.0	20.9	3.4	1.6	13.7	-17.2	0.1	4.2
850	-1150	58088	25.6	-1.8	20.8	1.3	0.8	13.8	-19.1	-0.8	4.2
862.5	-1150	58037	25.4	-1.5	20.7	2.0	1.6	13.2	-18.3	-0.4	4.3
875	-1150	57987	27.0	-1.4	20.7	4.5	4.3	13.5	-17.3	1.4	4.2
887.5	-1150	57897	26.2	-0.2	20.8	3.9	3.8	13.5	-19.5	0.8	4.2
900	-1150	58246	27.4	1.7	21.0	5.7	5.3	13.5	-18.2	0.0	4.1
912.5	-1150	57877	26.4	-0.8	21.4	4.4	4.7	14.0	-19.9	1.3	4.1
925	-1150	57909	25.1	-0.6	21.3	2.5	4.4	13.6	-18.2	2.8	4.3
937.5	-1150	57835	25.1	-2.6	20.8	1.6	3.8	13.8	-20.2	1.5	4.3
950	-1150	57808	25.2	-2.8	20.6	-1.7	1.7	13.5	-22.7	0.4	4.4
962.5	-1150	57680	26.9	-1.6	20.7	-1.1	1.8	13.3	-22.7	-0.6	4.3
975	-1150	57455	26.2	-3.9	20.6	-2.7	0.0	13.3	-23.2	-2.2	4.4
987.5	-1150	57874	27.2	-3.7	20.2	-4.0	-1.3	13.0	-24.0	-2.4	4.4
1000	-1150	58299	27.3	-3.4	20.3	-2.4	-0.4	12.8	-22.7	-1.5	4.5
line	-1050										
-200	-1050	62746	10.6	4.2	18.6	10.1	5.3	8.9	0.1	0.3	5.3

-187.5	-1050	61689	11.5	4.7	18.3	11.7	5.2	9.0	0.5	1.6	5.2
-175	-1050	61380	14.9	5.4	18.8	12.4	5.4	9.0	0.7	0.8	5.2
-162.5	-1050	61698	16.4	11.7	18.6	13.9	5.7	9.1	-1.0	-0.5	5.2
-150	-1050	62123	22.8	8.1	18.9	15.0	5.6	9.3	-1.6	-1.8	5.2
-137.5	-1050	62335	27.8	8.2	20.0	15.5	5.7	9.5	-3.8	-2.3	5.4
-125	-1050	62350	28.2	8.4	20.3	16.3	5.3	9.6	-3.9	-2.4	5.4
-112.5	-1050	62672	26.3	8.5	20.9	21.0	7.3	9.8	-0.6	-1.1	5.5
-100	-1050	61954	25.9	5.7	21.3	23.4	8.1	10.1	2.0	0.7	5.4
-87.5	-1050	60575	19.5	2.1	21.7	19.2	5.3	10.2	1.7	3.4	5.4
-75	-1050	61217	17.4	0.4	22.0	17.9	4.2	10.2	2.2	1.4	5.3
-62.5	-1050	63577	17.1	1.9	20.9	15.9	2.1	10.0	0.6	0.1	5.3
-50	-1050	63571	21.1	2.3	20.8	14.5	0.6	10.0	-1.7	-1.3	5.3
-37.5	-1050	63119	24.7	4.3	21.1	14.4	1.0	10.0	-13.2	-35.2	2.9
-25	-1050	62630	22.7	8.2	21.7	15.1	1.3	10.1	-6.0	-2.7	5.5
-12.5	-1050	63392	24.4	5.0	21.8	17.4	1.7	9.8	-3.9	-1.6	5.4
0	-1050	62389	26.0	2.4	22.2	16.1	0.6	10.1	-4.9	-2.2	5.4
12.5	-1050	62438	24.3	-2.1	22.0	15.0	-1.0	10.5	-5.0	-2.4	5.6
25	-1050	62127	24.5	-1.3	22.3	14.4	-3.5	10.4	-6.6	-4.3	5.2
37.5	-1050	61717	26.2	-0.9	22.3	12.2	-6.8	9.8	-9.1	-6.2	5.3
50	-1050	60395	27.4	0.4	22.8	12.9	-7.3	9.8	-9.5	-7.1	5.2
62.5	-1050	59719	25.9	0.0	23.6	15.2	-4.3	9.4	-9.5	-5.9	5.3
75	-1050	59689	18.1	-3.5	23.0	19.9	-1.4	9.5	-0.1	2.3	5.2
87.5	-1050	60140	19.6	-3.7	22.1	24.7	2.4	9.8	2.3	4.0	5.0
100	-1050	60095	21.3	-2.2	22.4	27.5	5.2	9.9	2.9	4.9	5.1
112.5	-1050	59715	17.7	-3.9	24.0	28.4	6.2	10.1	4.9	7.2	5.1
125	-1050	61496	10.6	-7.3	23.0	29.9	6.5	10.3	11.4	11.1	5.2
137.5	-1050	61774	15.3	-6.8	22.2	31.4	7.3	10.9	9.8	9.2	5.1
150	-1050	62195	16.4	-7.4	21.4	32.4	9.3	10.7	9.6	12.8	5.0
162.5	-1050	61065	20.7	-6.9	21.5	34.0	8.3	11.4	9.5	13.3	5.0
175	-1050	60828	21.0	-6.3	21.1	32.9	9.5	11.4	8.7	14.3	5.0
187.5	-1050	60161	27.5	-2.7	21.5	32.6	10.0	12.1	5.3	10.5	5.1
200	-1050	58989	24.7	-5.6	22.2	22.9	3.9	12.9	0.7	8.0	5.2
212.5	-1050	58611	25.5	-5.2	22.2	20.0	3.4	12.7	-3.4	5.5	5.4
225	-1050	58619	23.4	-6.8	22.2	18.1	2.1	12.7	-3.0	5.3	5.5
237.5	-1050	59231	23.5	-7.8	21.9	18.1	2.4	12.7	-3.4	6.5	5.5
250	-1050	59238	25.1	-7.6	21.9	16.9	1.6	12.7	-4.3	5.5	5.6
262.5	-1050	58993	26.0	-9.0	22.0	16.6	2.0	12.7	-6.4	5.0	5.5
275	-1050	58748	27.7	-8.5	21.9	16.4	2.8	12.8	-6.9	6.3	5.6
287.5	-1050	58900	29.8	-8.7	21.7	17.5	3.1	13.0	-6.6	6.1	5.6
300	-1050	58656	30.3	-7.3	22.2	18.0	3.5	13.2	-7.5	7.7	5.6
312.5	-1050	58201	30.4	-9.7	22.5	20.2	5.0	13.5	-7.7	7.6	5.6
325	-1050	57776	30.3	-10.4	22.8	17.3	4.1	13.5	-9.3	6.2	5.7
337.5	-1050	57958	31.7	-6.9	23.4	16.7	4.1	13.5	-10.2	5.5	5.8
350	-1050	58682	32.1	-4.6	24.7	14.2	3.1	13.2	-12.9	3.1	5.8
362.5	-1050	58986	24.4	-6.2	25.4	13.4	1.8	12.9	-9.5	3.9	5.7
375	-1050	59900	21.9	-8.2	24.5	12.6	0.0	12.9	-7.9	4.1	5.5
387.5	-1050	60331	23.9	-9.7	23.2	10.9	-0.1	12.9	-10.8	3.0	5.4
400	-1050	59118	27.1	-6.4	23.6	11.1	0.3	12.5	-13.5	2.4	5.4
412.5	-1050	55351	25.4	-6.3	23.5	11.8	0.7	12.8	-10.8	1.8	5.6
425	-1050	57243	23.0	-5.7	24.4	15.2	1.3	12.5	-7.7	2.4	5.4
433.5	-1050	58303	23.0	-6.1	23.7	14.4	2.6	12.4	-6.9	3.4	5.2
445.75	-1050	58070	25.3	-4.9	23.2	12.2	1.4	12.6	-10.2	1.0	5.1
462.5	-1050	58435	30.3	-3.4	23.0	10.8	-0.4	12.8	-14.3	-0.1	5.2
475	-1050	58275	31.4	-3.2	23.4	11.6	0.7	12.9	-16.2	-0.5	5.2
487.5	-1050	58266	28.3	-4.0	23.8	9.2	0.6	12.9	-16.1	-0.1	5.0
500	-1050	57889	30.0	-4.1	23.6	8.6	0.2	13.0	-17.7	-0.3	5.0
512.5	-1050	57853	31.6	-2.0	23.1	5.9	0.7	13.8	-20.9	-2.5	5.1
525	-1050	58091	35.0	-5.7	22.5	-1.6	-2.8	13.7	-28.3	-9.0	5.1
537.5	-1050	58677	38.6	-0.2	23.9	0.9	-2.9	13.3	-31.0	-8.4	5.2
550	-1050	59291	40.3	1.1	24.4	1.1	-2.2	13.5	-31.6	-10.1	5.3

562.5	-1050	59030	38.5	-0.8	26.0	-1.1	-1.9	14.0	-33.3	-9.0	5.5
575	-1050	58926	35.1	-2.3	26.7	-0.8	-1.1	14.0	-31.6	-7.4	5.5
587.5	-1050	58979	26.0	-2.4	26.3	-8.4	-3.4	13.9	-32.2	-7.5	5.4
600	-1050	58993	25.0	-3.8	25.4	-12.6	-3.2	13.9	-33.2	-7.1	5.4
612.5	-1050	58983	24.4	-4.0	24.2	-14.6	-4.5	13.5	-33.9	-7.1	5.4
625	-1050	59395	27.2	-1.7	23.5	-13.6	-4.3	13.1	-33.1	-8.1	5.4
637.5	-1050	59678	31.6	1.0	23.6	-11.1	-3.3	12.6	-34.3	-8.8	5.4
650	-1050	59634	33.9	2.3	23.7	-9.9	-1.9	12.5	-35.5	-8.8	5.4
662.5	-1050	59255	33.2	-3.7	24.9	-8.5	-0.4	12.9	-34.0	-6.6	5.6
675	-1050	59388	30.1	-1.4	25.1	-9.5	-1.3	12.7	-31.5	-6.1	5.5
687.5	-1050	59276	29.8	-0.6	23.7	-6.8	-1.3	12.3	-29.0	-3.8	5.5
700	-1050	59502	32.6	0.3	23.3	-3.2	2.2	12.5	-27.3	-4.0	5.5
712.5	-1050	59565	34.0	2.7	23.9	-0.9	2.7	12.7	-27.2	-4.6	5.5
725	-1050	60605	33.7	2.9	24.2	-1.0	1.9	12.8	-26.4	-5.5	5.6
737.5	-1050	61033	33.2	6.8	24.3	2.5	2.4	13.3	-24.0	-3.5	5.7
750	-1050	60828	32.1	-0.1	24.8	3.5	2.5	13.4	-22.1	-2.7	5.7
762.5	-1050	60976	28.1	1.2	24.5	3.9	2.7	13.6	-16.8	-0.7	5.9
775	-1050	60769	31.3	1.2	23.9	5.1	2.2	13.6	-18.3	-1.3	5.8
787.5	-1050	60153	31.3	0.4	25.0	5.5	1.8	13.8	-18.3	-1.6	5.9
800	-1050	60128	29.7	1.1	24.6	4.4	1.5	14.0	-17.7	-1.2	6.0
812.5	-1050	59722	31.2	-0.4	24.4	3.4	0.2	14.0	-19.9	-2.0	6.0
825	-1050	59684	35.2	1.6	24.7	3.5	0.5	13.8	-21.5	-3.4	6.1
837.5	-1050	59269	33.8	2.3	26.8	5.2	1.0	13.9	-20.1	-2.3	6.3
850	-1050	58792	29.1	0.5	27.0	5.3	1.4	13.9	-17.7	-0.4	6.5
862.5	-1050	58481	24.3	-1.8	27.0	7.3	1.4	14.2	-13.6	1.0	6.4
875	-1050	58635	22.2	-0.9	27.1	7.2	1.8	14.1	-11.6	2.1	6.4
887.5	-1050	59093	14.6	-4.3	25.4	9.4	3.6	14.3	-4.7	4.9	6.3
900	-1050	59660	20.3	-0.1	24.3	13.4	5.5	14.4	-4.4	5.1	6.1
912.5	-1050	59389	21.3	0.5	25.8	9.8	4.7	14.9	-7.9	3.5	6.0
925	-1050	59394	19.4	-2.4	25.2	8.7	4.0	14.8	-8.7	3.8	5.9
937.5	-1050	58964	18.6	-3.4	24.6	5.5	3.4	14.4	-11.4	4.3	5.8
950	-1050	58958	15.0	-5.6	24.2	3.5	3.0	14.2	-10.8	5.8	5.8
962.5	-1050	59920	17.1	-6.7	22.4	5.2	4.1	13.8	-10.1	6.8	5.5
975	-1050	59343	19.7	-3.6	22.6	6.0	5.9	13.7	-10.4	6.3	5.5
987.5	-1050	58915	25.8	-1.3	21.7	5.6	6.0	14.0	-14.9	4.0	5.5
1000	-1050	58422	28.6	1.5	22.5	6.8	5.4	14.0	-16.5	2.7	5.5
line	-950										
-200	-950	60751	23.5	10.5	18.1	4.6	2.3	10.2	-13.4	-4.0	1.9
-187.5	-950	60108	25.7	10.9	18.4	5.4	1.8	10.3	-16.4	-4.9	1.8
-175	-950	59894	22.8	8.1	18.6	5.1	2.0	10.3	-12.0	-4.5	1.9
-162.5	-950	62147	24.5	8.5	18.1	5.9	3.5	10.2	-12.9	-1.9	1.7
-150	-950	62095	29.7	11.0	18.2	6.7	4.1	10.3	-17.7	-3.2	1.8
-137.5	-950	62107	33.9	12.0	18.6	7.7	4.7	10.4	-18.0	-2.8	1.8
-125	-950	61489	36.4	12.2	19.0	9.2	4.7	10.5	-18.2	-1.8	1.7
-112.5	-950	61185	39.6	13.7	19.5	9.8	4.9	10.6	-21.0	-4.1	1.7
-100	-950	60803	35.5	8.5	21.5	8.3	3.0	10.9	-21.2	-4.3	1.8
-87.5	-950	60744	33.5	13.1	21.4	8.2	1.8	10.9	-21.2	-4.4	1.7
-75	-950	61150	30.6	10.1	21.0	8.2	2.7	10.8	-20.0	-0.9	1.7
-62.5	-950	61225	33.4	4.8	21.0	10.5	4.2	11.1	-18.2	3.4	1.6
-50	-950	60807	38.7	17.3	20.7	12.6	5.5	11.6	-26.5	0.4	1.6
-37.5	-950	60526	38.1	5.4	22.4	8.0	3.8	12.0	-23.6	-0.9	1.6
-25	-950	60347	29.4	2.2	23.4	3.5	1.8	12.4	-26.3	-1.6	1.5
-12.5	-950	61090	25.7	-0.8	22.6	-0.7	-0.6	12.0	-27.0	-0.4	1.4
0	-950	61597	24.7	-1.5	22.3	-2.0	-1.1	11.4	-26.6	1.0	1.6
12.5	-950	61864	24.2	-1.0	22.3	-0.7	-0.7	11.3	-23.2	0.7	1.6
25	-950	62530	22.7	-4.6	21.5	0.5	0.2	11.0	-21.7	0.0	1.5
37.5	-950	62532	24.2	-3.7	21.6	2.1	0.6	10.8	-22.9	4.6	1.6
50	-950	62851	28.7	-3.8	21.4	3.5	0.9	10.9	-25.3	3.6	1.5
62.5	-950	62666	30.8	-5.6	21.7	2.1	-0.4	10.6	-31.4	2.7	1.5
75	-950	60726	30.1	-4.9	24.0	5.8	-0.4	10.9	-27.8	3.1	1.6

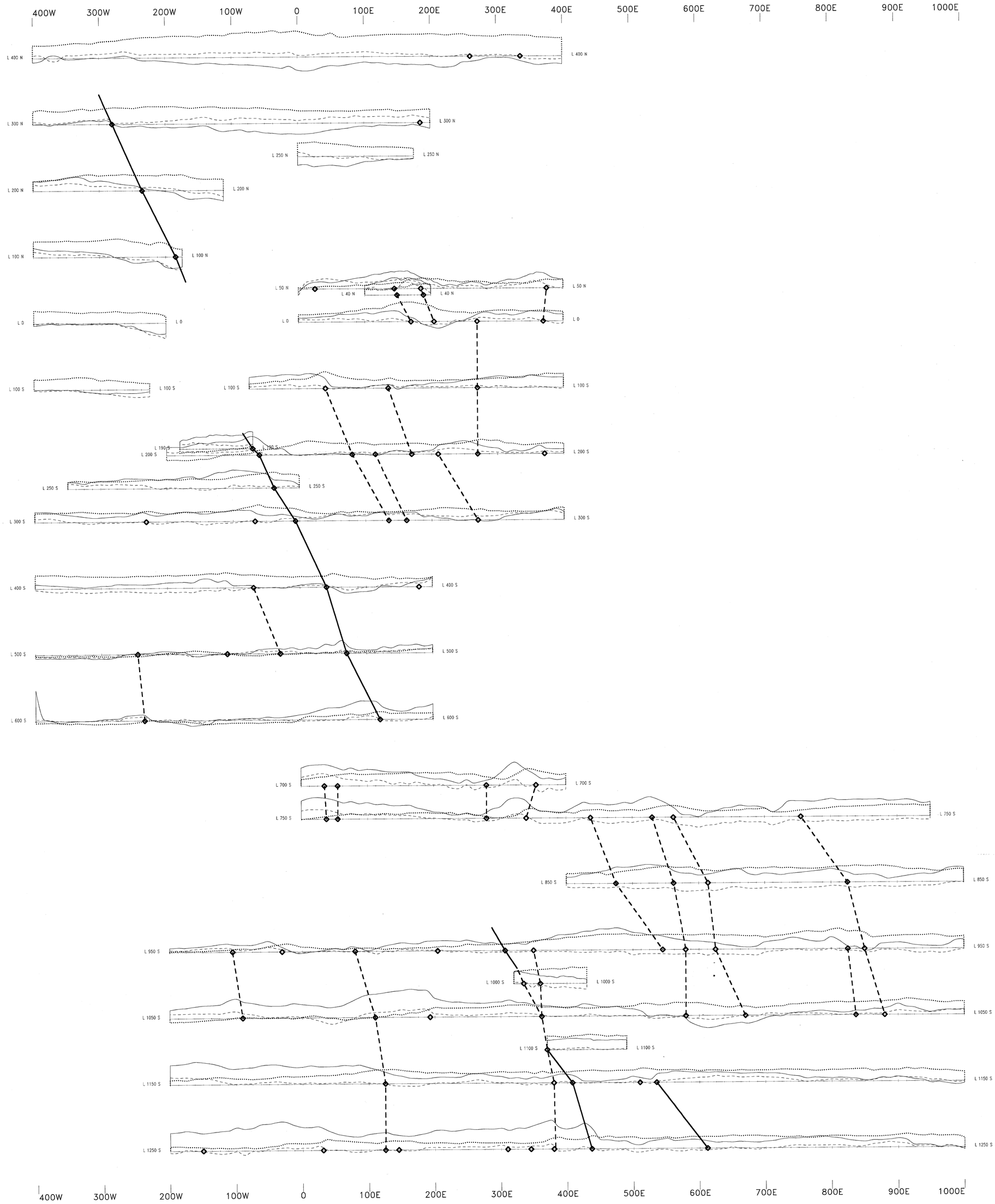
87.5	-950	60102	20.6	-8.7	23.3	3.8	-0.2	11.0	-21.3	6.6	1.5
100	-950	61724	18.0	-9.3	21.3	0.6	-0.8	11.0	-22.6	9.4	1.3
112.5	-950	62778	21.9	-9.2	21.0	3.3	-3.2	10.9	-21.5	6.8	1.5
125	-950	62332	28.5	-4.4	20.7	6.3	-0.1	10.5	-27.1	7.3	1.4
137.5	-950	63003	30.2	-5.7	21.1	8.2	-0.8	10.8	-24.3	6.0	1.4
150	-950	62257	33.6	-3.4	21.4	9.9	2.0	10.7	-24.3	7.6	1.6
162.5	-950	62661	30.8	-4.5	21.2	9.0	1.7	10.9	-23.6	10.5	1.3
175	-950	64997	32.8	-3.8	21.0	8.7	1.0	11.0	-24.8	5.0	1.5
187.5	-950	63711	37.0	-2.4	21.7	11.6	1.0	10.9	-24.7	8.1	1.4
200	-950	63773	41.5	0.3	22.4	12.0	0.9	11.1	-30.5	6.8	1.5
212.5	-950	61126	37.5	-2.6	23.8	12.3	0.7	11.4	-26.4	2.8	1.7
225	-950	61972	35.9	-4.0	23.4	12.0	-1.4	11.2	-21.5	0.0	1.8
237.5	-950	63700	37.2	-3.6	22.5	11.3	-0.9	11.4	-24.4	1.7	1.6
250	-950	62133	42.4	-1.5	23.4	12.8	-0.9	12.0	-26.1	0.8	1.7
262.5	-950	62395	44.4	1.0	23.7	10.6	-2.1	11.8	-28.1	3.7	1.7
275	-950	61358	45.5	1.1	24.9	8.8	-2.6	11.8	-34.2	-1.7	1.9
287.5	-950	60338	49.3	2.7	26.3	9.5	-1.7	11.8	-35.4	-1.7	2.0
300	-950	56997	47.0	3.6	28.4	7.4	-1.8	11.9	-34.3	-4.5	2.2
312.5	-950	57173	35.1	0.3	28.7	8.1	-1.8	12.0	-25.7	-2.0	2.3
325	-950	60094	33.3	2.6	25.6	8.4	-1.9	12.3	-21.1	-1.6	2.2
337.5	-950	60567	36.6	6.0	26.0	7.2	-1.5	12.5	-21.3	-1.9	2.2
350	-950	59759	30.4	4.7	27.0	11.6	-0.9	12.6	-16.8	-3.1	2.3
362.5	-950	59931	26.2	3.7	25.6	12.3	-1.7	13.2	-9.7	-1.1	2.5
375	-950	59863	24.6	4.7	25.5	14.7	-1.5	13.2	-7.0	-0.7	2.4
387.5	-950	60074	23.9	6.3	24.9	18.2	-1.4	13.4	-4.4	0.5	2.4
400	-950	59840	26.2	5.7	24.3	18.5	-1.8	13.8	-6.0	-1.9	2.6
412.5	-950	59515	27.5	4.7	24.6	19.5	-2.4	13.8	-3.9	-2.3	2.6
425	-950	59360	25.6	4.5	24.2	22.2	-2.8	14.1	-1.1	-1.2	2.4
437.5	-950	59239	26.5	4.4	23.9	22.8	-2.6	14.3	0.0	-0.6	2.5
450	-950	59330	29.8	7.4	23.2	25.1	-2.1	14.6	-1.2	-1.7	2.5
462.5	-950	59363	30.8	5.7	23.4	24.9	-3.0	14.7	0.2	-2.7	2.7
475	-950	59612	34.7	8.1	23.5	26.2	-2.0	14.7	-3.1	-3.6	2.5
487.5	-950	59822	35.0	7.7	24.0	24.3	-2.5	14.8	-4.8	-4.2	2.3
500	-950	60342	35.6	2.9	23.8	20.8	-6.1	14.3	-9.0	-6.0	2.5
512.5	-950	59885	39.3	4.8	23.6	19.8	-4.9	14.3	-10.1	-6.3	2.4
525	-950	59290	43.4	6.5	24.6	17.5	-4.9	14.4	-13.6	-5.4	2.6
537.5	-950	59259	44.8	7.9	25.3	17.3	-4.9	14.3	-17.7	-11.0	2.6
550	-950	59194	42.8	5.7	26.7	15.0	-5.2	14.5	-18.3	-9.7	2.7
562.5	-950	59244	41.0	6.8	27.4	13.0	-5.7	14.5	-20.3	-7.1	2.8
575	-950	59405	35.2	4.4	28.9	11.4	-5.5	14.4	-20.0	-7.4	3.2
587.5	-950	59934	30.1	2.8	29.7	10.1	-5.3	14.3	-17.5	-6.9	3.1
600	-950	60516	26.7	2.1	29.2	9.9	-5.0	14.4	-13.3	-8.2	3.2
612.5	-950	60733	24.8	1.1	29.6	8.9	-7.1	14.5	-13.3	-7.4	3.2
625	-950	61169	21.8	1.8	29.6	7.9	-5.2	14.4	-11.3	-5.6	3.2
637.5	-950	61556	18.3	1.3	28.3	5.6	-6.0	14.2	-9.7	-6.0	3.2
650	-950	62092	17.3	1.9	27.7	4.6	-6.0	14.2	-9.4	-5.4	3.3
662.5	-950	61981	16.0	1.5	26.9	3.0	-6.7	14.0	-9.6	-5.4	3.4
675	-950	61598	16.9	2.9	26.1	2.4	-6.6	13.9	-8.8	-6.0	3.6
687.5	-950	61579	18.3	7.0	25.3	3.5	-7.3	13.9	-10.5	-6.2	3.8
700	-950	60744	18.3	4.0	26.2	8.6	-3.9	13.5	-7.3	-5.2	3.9
712.5	-950	60955	19.3	4.8	26.0	9.8	-2.5	13.9	-5.6	-4.2	3.9
725	-950	61475	18.3	6.5	25.6	10.9	-2.2	14.1	-4.3	-4.3	3.9
737.5	-950	60988	18.5	6.1	25.9	13.3	-0.6	14.4	-2.5	-3.9	4.0
750	-950	60999	16.2	5.1	25.7	13.0	-0.6	14.9	-0.9	-2.6	4.2
762.5	-950	60896	15.6	9.6	24.9	10.7	-1.8	15.3	-1.8	-2.5	4.3
775	-950	60868	14.9	5.0	25.2	9.0	-1.6	15.2	-2.3	-2.6	4.3
787.5	-950	60845	14.7	2.5	24.7	9.3	-1.7	15.1	-2.2	-1.2	4.6
800	-950	61662	25.0	8.2	23.6	13.9	0.2	15.7	-3.0	-1.5	4.7
812.5	-950	61318	28.5	5.0	24.8	9.7	-2.4	16.0	-10.3	-4.6	4.6
825	-950	60725	26.3	3.4	25.6	2.8	-2.1	15.2	-15.5	-6.3	4.6

837.5	-950	60688	25.1	2.0	25.8	2.4	-2.7	15.3	-15.9	-5.1	4.7
850	-950	61201	19.4	-1.1	25.9	-2.1	-4.1	14.8	-17.0	-4.8	4.6
862.5	-950	61632	20.6	0.4	24.4	-0.9	-4.1	13.3	-15.3	-3.8	4.6
875	-950	61190	28.6	5.3	24.2	6.0	-1.3	13.5	-13.9	-4.2	4.5
887.5	-950	60755	30.2	4.5	25.1	6.8	-1.3	13.8	-15.4	-4.4	4.6
900	-950	60320	28.8	1.8	25.8	7.4	-1.7	13.8	-14.6	-3.7	4.6
912.5	-950	59825	23.8	-0.4	25.9	6.5	-2.6	14.0	-12.8	-3.7	4.8
925	-950	59145	19.5	-2.6	25.0	4.3	-4.6	13.9	-10.9	-2.2	4.7
937.5	-950	58852	20.4	-1.6	23.8	3.5	-5.2	13.9	-11.9	-2.0	4.7
950	-950	58650	22.7	-1.2	24.1	3.1	-4.1	14.2	-15.0	-3.0	4.6
962.5	-950	58468	22.9	-2.5	23.7	2.7	-5.3	13.9	-14.6	-2.8	4.5
975	-950	58322	25.2	-1.6	22.8	4.7	-4.7	13.4	-14.7	-1.8	4.5
987.5	-950	58156	31.5	5.0	23.3	9.9	-2.4	13.4	-14.6	-3.0	4.6
1000	-950	58450	29.5	5.1	23.6	10.3	-0.8	13.7	-13.5	-3.9	4.6
line	100										
-400	100	57971	28.7	0.0	21.2	11.4	6.8	14.8	-10.5	2.7	5.0
-387.5	100	58037	27.5	-1.3	21.7	9.2	5.5	14.8	-10.4	1.7	4.9
-375	100	58057	25.5	-2.4	22.2	8.0	4.0	14.8	-12.1	0.1	4.9
-362.5	100	57843	24.3	-3.7	22.3	8.1	3.3	14.8	-11.3	2.1	4.9
-350	100	57638	20.4	-5.8	21.8	7.9	3.5	15.0	-10.4	2.8	4.9
-337.5	100	57826	20.1	-5.6	21.8	6.9	2.6	14.8	-9.1	2.1	4.8
-325	100	58338	21.0	-4.5	21.2	6.9	3.6	14.9	-10.1	1.7	4.7
-312.5	100	58789	21.6	-4.3	21.0	5.8	2.7	14.9	-11.2	2.1	4.6
-300	100	59083	22.0	-3.8	20.9	4.9	2.2	15.1	-12.3	2.5	4.5
-287.5	100	58668	21.9	-3.0	21.1	3.5	0.8	15.3	-14.3	0.7	4.5
-275	100	58615	21.3	-2.6	21.2	-0.7	-0.2	15.5	-17.9	0.0	4.4
-262.5	100	58853	20.3	-1.9	21.0	-3.2	-1.0	15.3	-19.9	-1.7	4.4
-250	100	60503	18.9	-1.1	20.7	-6.9	-2.9	14.7	-21.0	-4.1	4.4
-237.5	100	61841	20.8	0.2	20.7	-7.0	-3.0	14.4	-22.4	-5.0	4.4
-225	100	61183	24.4	0.7	21.2	-5.9	-3.4	13.7	-23.8	-6.8	4.4
-212.5	100	60787	25.0	1.1	21.6	-5.3	-4.9	14.4	-23.9	-6.5	4.5
-200	100	60922	23.0	0.8	22.2	-12.1	-9.8	14.1	-30.3	-11.1	4.5
-187.5	100	58436	16.2	-0.9	24.5	-13.9	-14.5	12.7	-26.5	-13.9	4.6
-175	100	60126	15.4	-2.5	23.0	-12.1	-14.6	12.4	-23.7	-9.7	4.4
line	200										
-400	200	57037	25.3	-0.2	19.3	12.3	8.1	12.9	-9.7	4.0	4.1
-387.5	200	57117	27.3	0.7	19.6	11.6	6.8	13.2	-11.4	3.3	4.2
-375	200	56796	30.4	1.3	19.6	12.8	7.7	13.4	-12.2	2.1	4.2
-362.5	200	56738	30.4	1.0	19.7	14.4	8.1	13.4	-9.9	3.7	4.2
-350	200	56831	33.8	3.5	19.5	16.2	9.5	13.9	-11.6	3.3	4.2
-337.5	200	56922	36.5	4.0	20.5	17.3	9.2	14.3	-12.6	2.7	4.3
-325	200	57017	37.4	3.8	20.8	15.7	8.0	14.8	-12.9	2.3	4.2
-312.5	200	57933	35.0	3.8	20.9	11.4	5.9	14.9	-15.3	-0.2	4.2
-300	200	59522	34.6	4.4	20.9	12.4	5.8	14.6	-14.6	0.0	4.2
-287.5	200	60341	41.3	6.3	21.4	11.5	6.0	14.8	-19.5	-3.5	4.2
-275	200	59275	41.8	6.0	23.4	9.2	4.6	14.8	-23.6	-5.5	4.5
-262.5	200	58708	37.7	3.1	24.4	7.7	3.9	15.0	-24.6	-0.4	4.5
-250	200	58952	37.1	3.0	24.8	6.7	4.0	14.8	-25.5	-3.3	4.5
-237.5	200	57737	26.2	-0.2	26.4	4.5	4.1	14.7	-20.0	1.7	4.7
-225	200	59544	15.2	-5.4	25.0	1.6	4.3	14.6	-13.8	6.4	4.6
-212.5	200	60996	16.0	-4.5	23.1	0.7	4.0	14.5	-15.0	5.7	4.5
-200	200	59160	20.6	-2.5	22.8	-0.7	2.9	14.9	-19.3	4.1	4.5
-187.5	200	59787	19.9	-1.0	22.6	-2.3	2.4	14.7	-20.0	2.1	4.4
-175	200	59126	17.9	-1.9	23.0	-7.3	0.1	14.8	-22.9	-1.0	4.4
-162.5	200	60249	18.0	-1.7	21.9	-10.6	-2.2	14.0	-24.5	-0.6	4.3
-150	200	61638	19.3	-1.5	21.9	-10.0	-3.2	13.6	-25.2	-1.6	4.3
-137.5	200	61154	24.3	0.5	21.7	-9.3	-2.7	13.4	-28.4	-4.3	4.2
-125	200	60731	23.5	0.1	21.9	-10.6	-4.3	13.5	-29.0	-5.1	4.2
-112.5	200	59690	23.2	-1.1	22.2	-12.7	-7.8	13.4	-31.2	-5.8	4.3
line	250										

0	250	56209	26.1	-1.9	21.8	-10.4	5.4	14.1	-28.5	6.1	4.7
12.5	250	56284	27.1	-4.0	21.3	-9.6	3.5	14.2	-27.4	7.4	4.7
25	250	56057	31.1	-2.2	21.5	-12.3	-0.5	14.4	-31.8	3.8	4.8
37.5	250	56211	32.8	-2.4	21.5	-11.3	0.2	14.0	-33.2	4.9	4.7
50	250	56456	35.0	-2.0	21.8	-10.5	-0.3	13.9	-33.9	4.0	4.7
62.5	250	56926	38.9	0.5	21.5	-11.5	-2.4	13.6	-39.8	1.7	4.6
75	250	58177	41.1	0.4	21.5	-12.2	-2.0	13.4	-41.4	-0.3	4.6
87.5	250	60583	43.0	1.2	21.3	-9.4	-0.8	12.9	-40.7	0.8	4.3
100	250	60154	43.8	1.9	21.8	-6.7	-0.9	12.8	-42.3	-1.3	4.3
112.5	250	60026	44.9	0.0	21.9	-6.2	-3.2	12.8	-43.0	-3.0	4.3
125	250	58554	44.2	2.7	22.1	-4.9	-4.1	12.8	-42.0	-4.7	4.1
137.5	250	57399	45.7	3.5	22.0	-3.6	-3.6	12.8	-45.7	-5.6	4.0
150	250	57364	42.1	2.6	22.4	-4.4	-3.6	12.7	-43.5	-6.7	3.9
162.5	250	58922	40.9	0.1	22.3	-3.7	-3.5	12.5	-42.2	-4.0	3.8
175	250	58793	39.7	-4.5	22.9	-3.2	-2.7	12.3	-42.3	-7.8	3.8
line	300										
-400	300	57277	46.9	13.4	19.4	-0.2	2.9	13.9	-31.1	-8.7	4.0
-387.5	300	57188	47.1	9.5	20.2	0.5	2.3	14.3	-32.3	-10.2	4.2
-375	300	56839	40.5	2.0	20.4	-1.5	0.6	14.0	-31.3	-7.3	4.2
-362.5	300	56861	38.5	1.2	20.9	0.6	1.6	13.9	-28.2	-4.8	4.2
-350	300	57519	36.6	1.9	20.3	1.0	2.4	14.0	-26.8	-1.7	4.1
-337.5	300	57607	39.9	1.4	19.9	2.3	3.4	14.4	-25.5	-3.9	4.1
-325	300	57943	40.0	2.8	20.1	3.8	5.0	14.7	-24.3	-2.3	4.1
-312.5	300	58161	40.5	5.3	20.6	4.7	4.8	14.2	-25.1	-4.3	4.2
-300	300	58662	38.9	3.8	21.0	3.7	5.4	14.5	-27.1	-3.4	4.2
-287.5	300	58901	41.2	5.6	21.2	4.7	6.7	14.8	-27.6	-3.3	4.1
-275	300	58450	26.7	-4.7	22.2	-1.1	0.8	15.0	-24.7	1.5	4.1
-262.5	300	58678	29.0	-3.0	20.9	-3.5	1.6	14.9	-25.5	-0.7	4.1
-250	300	58051	33.6	1.1	20.9	-2.9	1.5	14.8	-27.9	-4.1	4.2
-237.5	300	57446	34.9	3.2	21.4	-2.2	2.9	15.1	-30.0	-4.0	4.3
-225	300	56745	29.6	-0.9	22.1	-3.9	2.3	15.3	-26.9	-2.0	4.4
-212.5	300	56307	25.7	-4.3	22.0	-4.3	2.8	15.3	-24.5	1.2	4.4
-200	300	56354	25.0	-3.5	21.5	-3.8	3.7	15.3	-23.4	1.2	4.5
-187.5	300	56467	23.4	-4.6	21.4	-4.5	4.1	15.3	-23.9	2.2	4.4
-175	300	56425	22.7	-4.4	21.0	-4.0	5.4	15.0	-22.4	5.5	4.4
-162.5	300	56496	23.8	-3.8	20.5	-3.9	5.7	14.8	-22.0	4.4	4.3
-150	300	56519	26.0	-2.0	20.5	-2.7	7.5	15.0	-22.6	4.8	4.3
-137.5	300	56577	26.9	-1.8	21.1	-2.7	7.7	15.1	-23.8	4.2	4.3
-125	300	56620	22.0	-5.8	21.1	-6.9	4.9	15.1	-25.1	4.1	4.2
-112.5	300	56616	21.0	-6.9	20.4	-9.2	4.2	14.7	-27.0	4.7	4.2
-100	300	56526	23.4	-5.3	20.1	-8.2	5.1	14.8	-26.5	4.4	4.1
-87.5	300	56528	26.5	-3.1	20.3	-7.4	6.8	14.7	-27.8	3.8	4.2
-75	300	56512	22.7	-6.8	20.0	-9.8	6.1	14.6	-27.1	7.2	4.2
-62.5	300	56472	25.5	-5.4	19.7	-9.2	6.1	14.8	-29.4	5.9	4.2
-50	300	56501	27.5	-3.7	20.1	-11.1	5.0	14.6	-32.1	3.4	4.2
-37.5	300	56585	24.4	-7.2	20.3	-11.7	5.0	14.3	-31.5	5.1	4.2
-25	300	56562	24.3	-8.9	19.6	-12.8	4.6	14.2	-31.0	6.1	4.2
-12.5	300	56573	26.9	-8.5	19.1	-12.4	4.4	14.1	-33.0	4.4	4.1
0	300	56491	29.4	-7.0	18.9	-13.0	3.2	13.8	-33.9	2.6	4.0
12.5	300	56556	31.0	-6.8	19.1	-12.8	4.3	13.7	-36.7	1.7	4.0
25	300	56459	32.5	-5.1	18.7	-11.8	4.3	13.7	-35.3	4.4	4.1
37.5	300	56486	34.8	-5.6	18.8	-10.0	5.3	13.7	-35.5	4.7	4.2
50	300	56517	38.7	-2.8	19.0	-8.3	7.2	13.6	-36.7	3.5	4.2
62.5	300	56561	39.7	-2.8	19.4	-7.5	6.5	13.6	-36.9	4.1	4.1
75	300	56652	41.3	-3.1	19.6	-6.5	6.4	13.6	-36.9	3.0	4.2
87.5	300	56774	45.1	-1.2	19.9	-4.7	8.5	13.6	-39.1	1.8	4.1
100	300	56750	46.1	-1.9	20.0	-3.9	7.1	13.8	-39.0	1.6	4.2
112.5	300	56836	46.0	0.3	20.3	-4.6	7.5	13.9	-39.5	1.9	4.2
125	300	56812	49.3	-0.7	20.8	-2.7	7.7	13.9	-41.4	2.7	4.2
137.5	300	56804	51.4	0.1	21.0	-3.3	7.7	14.0	-43.5	0.3	4.3

150	300	56774	52.8	2.0	21.6	-3.6	6.5	13.6	-44.9	-3.0	4.2
162.5	300	56795	54.7	3.6	22.5	-3.6	7.2	13.7	-48.0	-3.8	4.2
175	300	56672	49.2	0.5	24.6	-2.2	8.9	13.8	-46.1	-2.8	4.4
187.5	300	56723	39.4	-5.2	25.5	-4.5	7.2	14.0	-41.3	-0.6	4.4
200	300	56809	35.3	-7.5	23.5	-7.1	5.5	14.1	-39.8	2.4	4.2
line	400										
-400	400	56883	35.2	1.1	22.9	-4.7	2.7	13.9	-29.3	1.0	4.4
-387.5	400	56845	36.3	1.6	23.3	-3.2	3.3	13.9	-29.3	-1.3	4.5
-375	400	56886	35.3	-1.3	24.7	2.9	-2.5	13.9	-28.6	2.3	5.0
-362.5	400	56957	33.7	0.3	25.2	2.9	-3.1	14.1	-26.5	1.3	5.1
-350	400	57030	34.6	-2.2	24.9	-1.4	3.6	14.4	-27.9	3.5	4.9
-337.5	400	57092	35.2	-2.4	24.6	-1.3	3.5	14.6	-27.8	5.3	4.9
-325	400	56875	35.6	-2.7	24.9	-0.7	4.2	14.6	-27.2	5.8	4.9
-312.5	400	56872	36.4	-1.7	24.9	0.3	5.0	14.5	-27.8	4.2	5.1
-300	400	57032	36.6	-2.6	25.0	0.0	5.0	14.9	-28.8	6.0	5.0
-287.5	400	56751	37.1	-1.1	25.2	0.5	5.7	15.1	-27.4	3.8	5.0
-275	400	56722	38.7	-0.4	25.3	1.5	6.6	15.2	-27.4	4.9	5.0
-262.5	400	56760	36.3	-3.2	25.9	2.7	8.1	15.6	-26.0	8.1	5.1
-250	400	56803	34.3	-5.0	26.2	0.7	6.2	15.8	-26.5	8.2	5.1
-237.5	400	56664	35.8	-3.1	24.8	-2.8	3.9	16.1	-29.6	4.2	5.0
-225	400	56817	36.9	-1.8	25.2	-3.3	4.5	16.2	-30.3	2.6	5.2
-212.5	400	56853	36.5	-1.6	25.9	-3.2	4.8	16.2	-30.4	3.6	5.3
-200	400	56882	33.3	-3.1	25.9	-4.1	4.5	16.5	-28.7	4.2	5.3
-187.5	400	56887	33.8	-2.9	25.5	-5.0	4.7	16.6	-29.3	4.7	5.4
-175	400	56857	33.2	-2.9	25.7	-6.1	4.9	16.5	-30.2	5.6	5.3
-162.5	400	56873	33.2	-3.3	25.3	-7.5	4.3	16.6	-29.3	5.4	5.5
-150	400	56887	33.2	-2.8	25.5	-7.6	4.8	16.3	-30.5	3.6	5.5
-137.5	400	56805	34.5	-2.7	25.1	-6.6	6.1	16.8	-30.0	5.8	5.6
-125	400	56750	35.5	-2.4	25.5	-7.1	6.2	16.8	-31.5	4.4	5.7
-112.5	400	56711	33.1	-4.1	26.5	-8.4	5.8	16.7	-30.5	6.5	5.9
-100	400	56756	30.6	-5.6	25.7	-8.2	6.0	17.4	-28.0	8.3	5.9
-87.5	400	56807	27.4	-9.2	24.5	-9.0	5.8	17.4	-25.8	9.7	6.0
-75	400	56803	29.0	-8.6	23.6	-9.0	5.5	17.7	-27.0	8.9	5.9
-62.5	400	56805	32.6	-6.5	24.0	-9.8	6.5	17.5	-28.7	7.2	6.0
-50	400	56826	34.8	-6.2	23.9	-10.8	5.8	17.7	-32.3	6.4	6.1
-37.5	400	56870	38.6	-5.4	23.2	-11.9	4.7	18.1	-33.8	5.3	6.2
-25	400	56815	39.1	-3.6	24.4	-13.5	4.9	17.5	-37.0	3.9	6.3
-12.5	400	56830	41.5	-3.9	24.2	-11.1	6.1	17.7	-35.2	4.2	6.2
0	400	56616	42.3	-4.9	25.0	-15.9	2.4	17.9	-40.1	1.9	6.2
12.5	400	56631	42.4	-4.9	24.7	-17.0	2.1	17.3	-62.8	-3.7	1.2
25	400	56603	47.2	-2.2	25.4	-15.7	3.1	16.7	-43.7	-0.2	5.8
37.5	400	56657	42.7	-2.5	26.2	-12.4	4.3	16.6	-38.5	0.8	5.9
50	400	56724	41.9	-4.4	25.8	-10.6	4.5	17.3	-37.1	1.7	5.9
62.5	400	56687	43.8	-3.1	26.1	-11.0	5.0	16.0	-39.2	2.0	5.7
75	400	56705	44.4	-2.6	25.7	-9.7	5.3	16.0	-38.4	-0.5	5.5
87.5	400	56829	48.7	0.8	26.7	-8.0	5.8	16.4	-39.4	-0.9	5.6
100	400	56885	47.5	1.0	27.7	-6.5	6.2	16.4	-39.7	-2.4	5.7
112.5	400	56901	46.2	-0.3	28.2	-7.4	5.7	16.6	-38.9	-1.9	5.7
125	400	56867	40.3	-3.1	28.4	-7.4	4.6	16.6	-38.0	*	5.6
137.5	400	56874	41.0	-2.4	28.0	-9.2	3.6	16.8	-37.2	-1.2	5.6
150	400	56893	40.7	-1.2	27.9	-8.5	4.2	16.8	-37.0	-1.4	5.6
162.5	400	56983	37.4	-2.8	28.3	-9.7	3.0	16.7	-37.3	-1.5	5.5
175	400	57125	38.7	-2.3	27.6	-9.6	2.7	16.8	-37.1	-2.0	5.6
187.5	400	57160	37.7	-2.2	28.1	-10.2	3.0	16.8	-37.9	-2.0	5.5
200	400	57035	39.3	0.8	28.2	-9.8	1.6	16.9	-37.9	-4.9	5.5
212.5	400	57063	38.3	1.0	28.5	-12.9	-0.3	16.7	-39.6	-5.5	5.4
225	400	57141	38.6	2.3	28.6	-13.2	-0.2	16.5	-40.5	-7.1	5.7
237.5	400	57281	39.1	4.2	29.6	-11.9	0.4	16.7	-38.5	-7.0	5.7
250	400	57236	34.3	1.1	29.9	-6.9	2.1	16.8	-31.0	-2.3	5.8
262.5	400	57045	29.9	-0.4	30.5	-6.3	1.8	16.3	-29.0	-2.7	5.7

275	400	57157	26.8	-0.6	29.7	-4.7	1.0	16.2	-26.8	-2.2	5.4
287.5	400	57531	28.5	1.9	28.3	-2.1	1.5	16.1	-26.3	-4.8	5.0
300	400	57244	29.5	3.6	28.6	-1.7	2.0	16.1	-26.4	-4.6	5.1
312.5	400	57495	31.0	4.0	28.7	-1.7	1.2	16.5	-27.4	-7.3	4.9
325	400	58118	30.2	5.0	29.4	-2.8	1.4	16.4	-28.9	-9.6	4.9
337.5	400	57674	25.7	0.0	29.9	-5.7	-1.0	16.4	-28.7	-6.3	4.9
350	400	58053	21.2	-3.3	29.0	-8.3	-3.6	16.3	-28.6	-3.6	4.9
362.5	400	58754	22.2	1.3	28.3	-10.6	-3.7	15.7	-30.0	-2.6	5.0
375	400	58225	24.5	-1.8	28.3	-9.9	-3.6	15.7	-31.6	-10.6	4.8
387.5	400	59265	26.6	2.9	28.3	-9.0	-4.0	15.5	-31.8	-11.6	4.7
400	400	60125	25.9	1.6	28.3	-9.9	-3.4	15.5	-33.1	-10.2	4.6



Scale 1:2500

50 0 50 100 150 (meters)

LEGEND
NPM, Lualualei, HI

Anomalous Inflection (In-Phase)

In-Phase

Quadrature

} 1 cm. = 20 %

Field Strength 1 cm. = 5 units on 10 base level

VLF-EM Conductor (strong)

VLF-EM Conductor (weak)

ALLAN RESOURCES INC.

NPM, Lualualei, HI VLF-EM PROFILES

CHID Claims, Tatsamenie Lake
NTS 104 K/8
Atlin Mining Division, British Columbia
Figure # 4 July, 1993

Canamera Geological Ltd.

AR 23431

Scale 1:2500

50 0 50 100 150

(meters)

LEGEND

NLK, Seattle, WA

Anomalous Inflection (In-Phase)

In-Phase

Quadrature

} 1 cm. = 20 %

Field Strength 1 cm. = 10 units on 10 base level

VLF-EM Conductor (strong)

VLF-EM Conductor (weak)

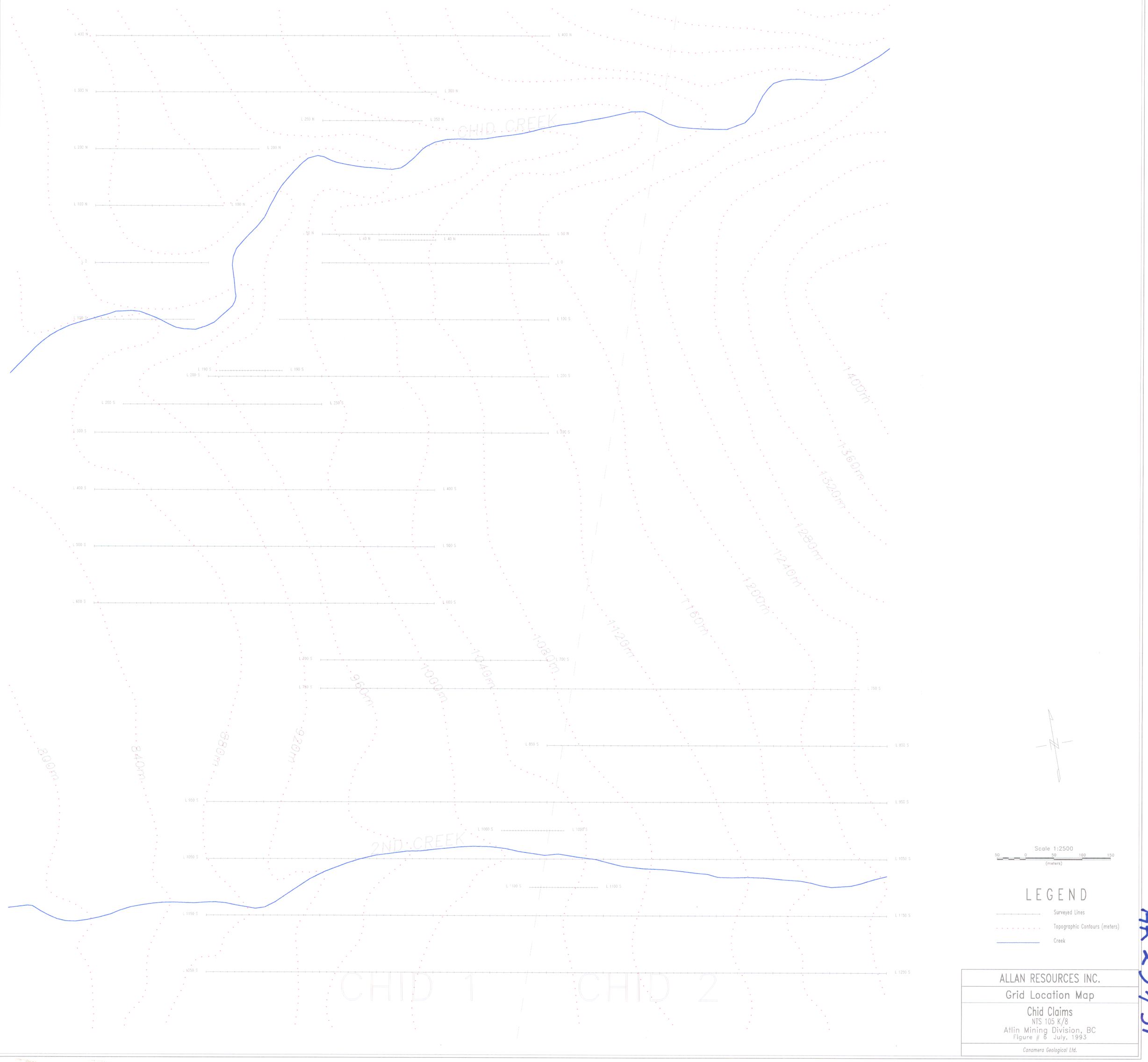
ALLAN RESOURCES INC.

NLK, Seattle, WA VLF-EM PROFILES

CHID Claims, Tatsamenie Lake
NTS 104 K/8
Atlin Mining Division, British Columbia
Figure # 3 July, 1993

Canamera Geological Ltd.

AR 23431


L 400 N
L 300 N
L 250 N
L 200 N
L 100 N
L 50 N
L 40 N
L 0
L 100 S
L 190 S
L 200 S
L 250 S
L 300 S
L 400 S
L 500 S
L 600 S
L 700 S
L 750 S
L 850 S
L 950 S
L 1000 S
L 1050 S
L 1100 S
L 1150 S
L 1250 S
CHID CREEK
2ND CREEK
1400m
1360m
1320m
1280m
1240m
1200m
1160m
1120m
1080m
1040m
1000m
960m
920m
880m
840m
800m
CHID 1
CHID 2
Scale 1:2500
50 0 50 100 150
(meters)
LEGEND
Surveyed Lines
Topographic Contours (meters)
Creek
ALLAN RESOURCES INC.
Grid Location Map
Chid Claims
NTS 105 K/8
Atlin Mining Division, BC
Figure # 8 July, 1993
Canamera Geological Ltd.

AR 23431

A1034 (20, <0.2, 139)

Buff Fe, Carb Alteration

Buff Fe, Carb Alteration

Creek

A1035 (17, <0.2, 139)

A1036 (14, <0.2, 140)

1000

A1037 (18, <0.2, 121)

1200

C006 703 (9, <0.2, 134)

C006 702 (14, <0.2, 98)

C006 704 (<5, <0.2, 126) (ELV. 890)

C006 700 (9, <0.2, 108)

Buff Fe, Carb Alteration

EL 12 (24, <0.2, 362)

EL 11 (<5, <0.2, 80)

A001114 (8, <0.2, 81)
(Stockwork Quartz Veining)

CHID 3

AR 23431

1000 1040 1080 1120 1160 1200 1240 1280 1320 1360

LEGEND

X	Silt Sample Location
O	Soil Sample Location
△	Rock Sample Location
(45, 0.5, 200)	Au (ppb), Ag Cu (ppm)

CONTOUR INTERVAL = 40 METRES (Topog)

SCALE 1: 5000
0 80 160 240 320 400 METRES

ALLEN RESOURCES INC.

TATSAMENIE LAKE PROPERTIES
ATLIN M.D. NTS 104 K/8

CHID 3 CLAIM

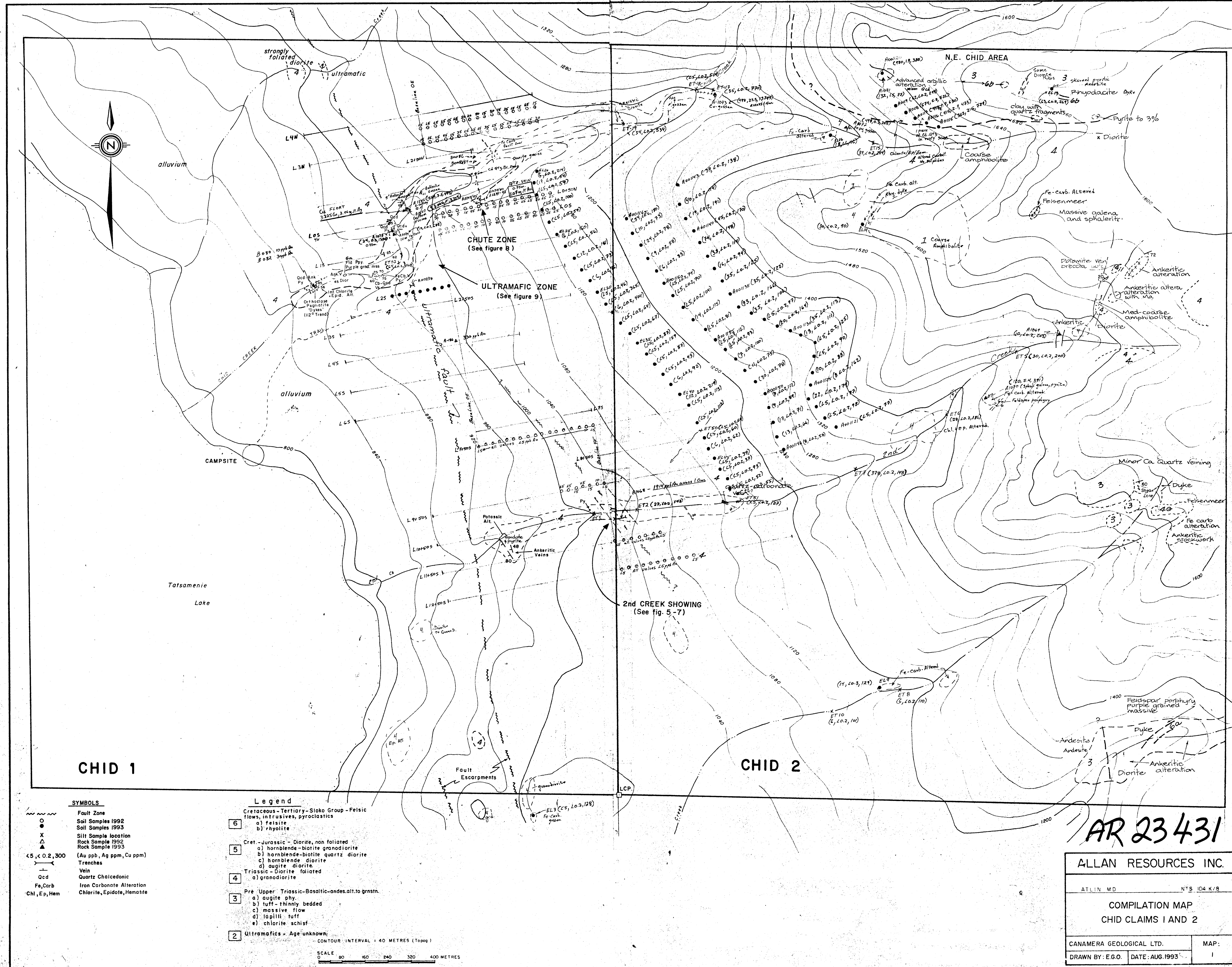
COMPILATION MAP

CANAMERA GEOLOGICAL LTD.

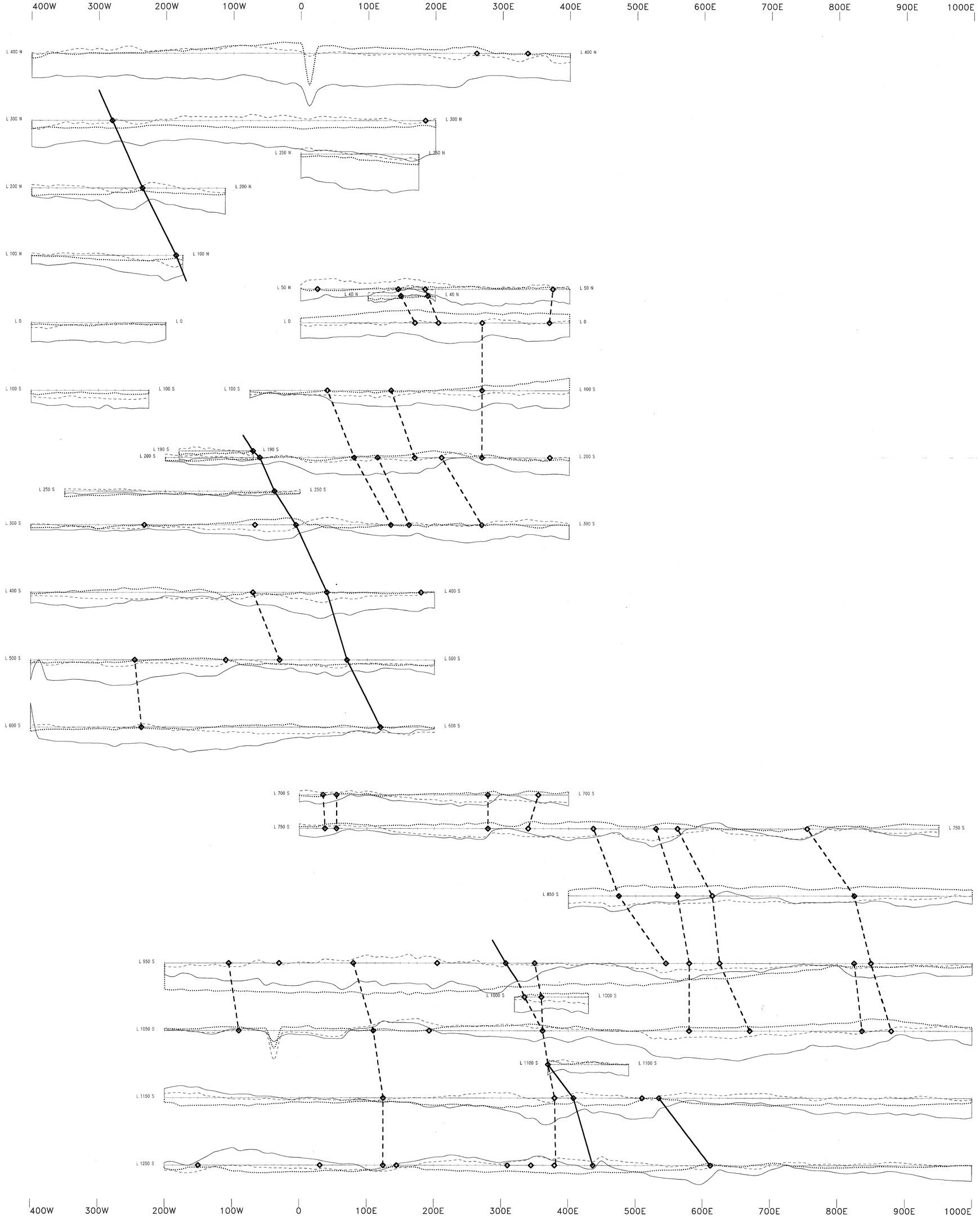
Drawn by: S.L.

Date: AUG. 1993

Map: 2



N.E. CHID AREA
CHUTE ZONE
(See figure 8)
ULTRAMAFIC ZONE
(See figure 9)
2nd CREEK SHOWING
(See fig. 5-7)
CHID 1
CHID 2
alluvium
CAMPSITE
Tatsamenie
Lake
CHIC CREEK
strongly foliated diorite
ultramafic
Advanced argillic alteration
Rhyodacite Dyke
clay with quartz fragments
Pyrite to 3%
Diorite
Coarse amphibolite
Fe-Carb. Altered
Felsenmeer
Massive galena and sphalerite
Coarse Amphibolite
Dolomite Vein breccia
Ankeritic alteration
Ankeritic alteration with Ma.
Med-coarse amphibolite
Minor Ca. Quartz Veining
Dyke
Fe carb alteration
Ankeritic stockwork
Feldspar porphyry purple grained massive
Andesite
Ankeritic alteration
Potassic Alt.
Ankeritic Veins
Fault Escarpments
LCP.
SYMBOLS
Fault Zone
Soil Samples 1992
Soil Samples 1993
Silt Sample location
Rock Sample 1992
Rock Sample 1993
<5,<0.2,300 (Au ppb, Ag ppm, Cu ppm)
Trenches
Vein
Qcd Quartz Chalcedonic
Fe,Carb Iron Carbonate Alteration
Chl, Ep, Hem Chlorite, Epidote, Hematite
Legend
Cretaceous - Tertiary - Sloko Group - Felsic flows, intrusives, pyroclastics
6 a) felsite
b) rhyolite
Cret.-Jurassic - Diorite, non foliated
5 a) hornblende-biotite granodiorite
b) hornblende-biotite quartz diorite
c) hornblende diorite
d) augite diorite
Triassic - Diorite foliated
4 a) granodiorite
Pre Upper Triassic-Basaltic-andes. alt. to grnstn.
3 a) augite phy.
b) tuff - thinnly bedded
c) massive flow
d) lapilli tuff
e) chlorite schist
2 Ultramafics - Age unknown
CONTOUR INTERVAL = 40 METRES (Topog.)
SCALE
0 80 160 240 320 400 METRES
AR 23431
ALLAN RESOURCES INC.
ATLIN MD
NTS 104 K/8
COMPILATION MAP
CHID CLAIMS 1 AND 2
CANAMERA GEOLOGICAL LTD.
MAP: 1
DRAWN BY: E.G.O.
DATE: AUG. 1993



Scale 1:2500

50 0 50 100 150

(meters)

LEGEND

NSS, Annapolis, MD

- Anomalous Inflection (In-Phase)
- In-Phase
- Quadrature
- Field Strength 1 cm. = 2 units on 5 base level
- *VLF-EM Conductor (strong)*
- *VLF-EM Conductor (weak)*

{ 1 cm. = 20 %

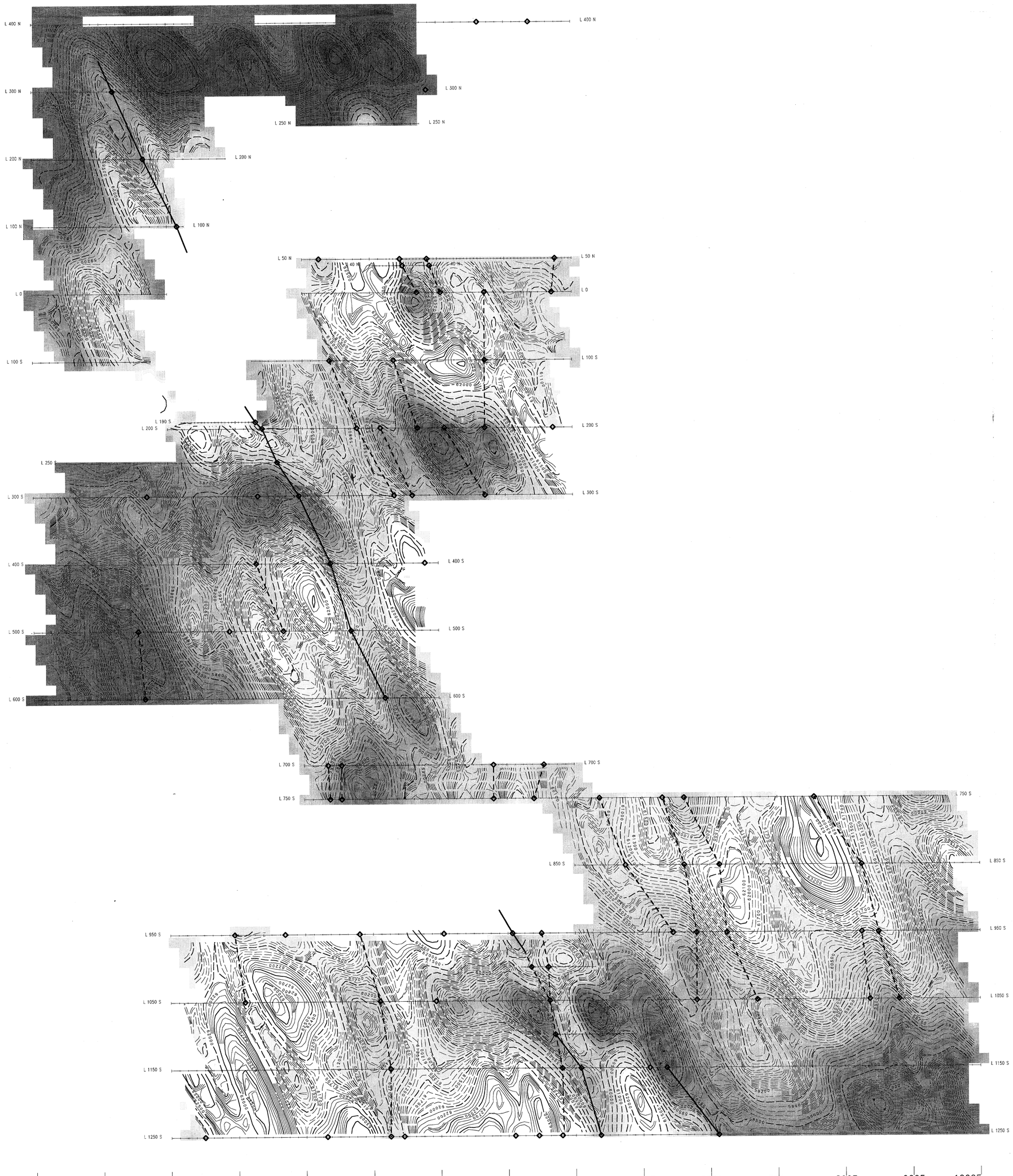
ALLAN RESOURCES INC.

NSS, Annapolis, MD VLF-EM PROFILES

CHID Claims, Tatsamenie Lake
NTS 104 K/8
Atlin Mining Division, British Columbia
Figure # 5 July, 1993

Canamera Geological Ltd.

AR 23431



61835.3
61598.2
61388.7
61195.7
60989.8
60824.4
60668.2
60515.6
60370.4
60227.1
60085.5
59945.8
59808
59670.2
59530.5
59388.9
59245.6
59100.4
58947.8
58791.6
58626.2
58420.3
58227.3
58017.8
57780.7
57505
57165
56687.1
55806.7

Total Field Magnetic Contours
nT

Scale 1:2500

50 0 50 100 150
(meters)

LEGEND

Contour Intervals

<58000 nT | 58000 to 62000 nT | >62000 nT

20 nT

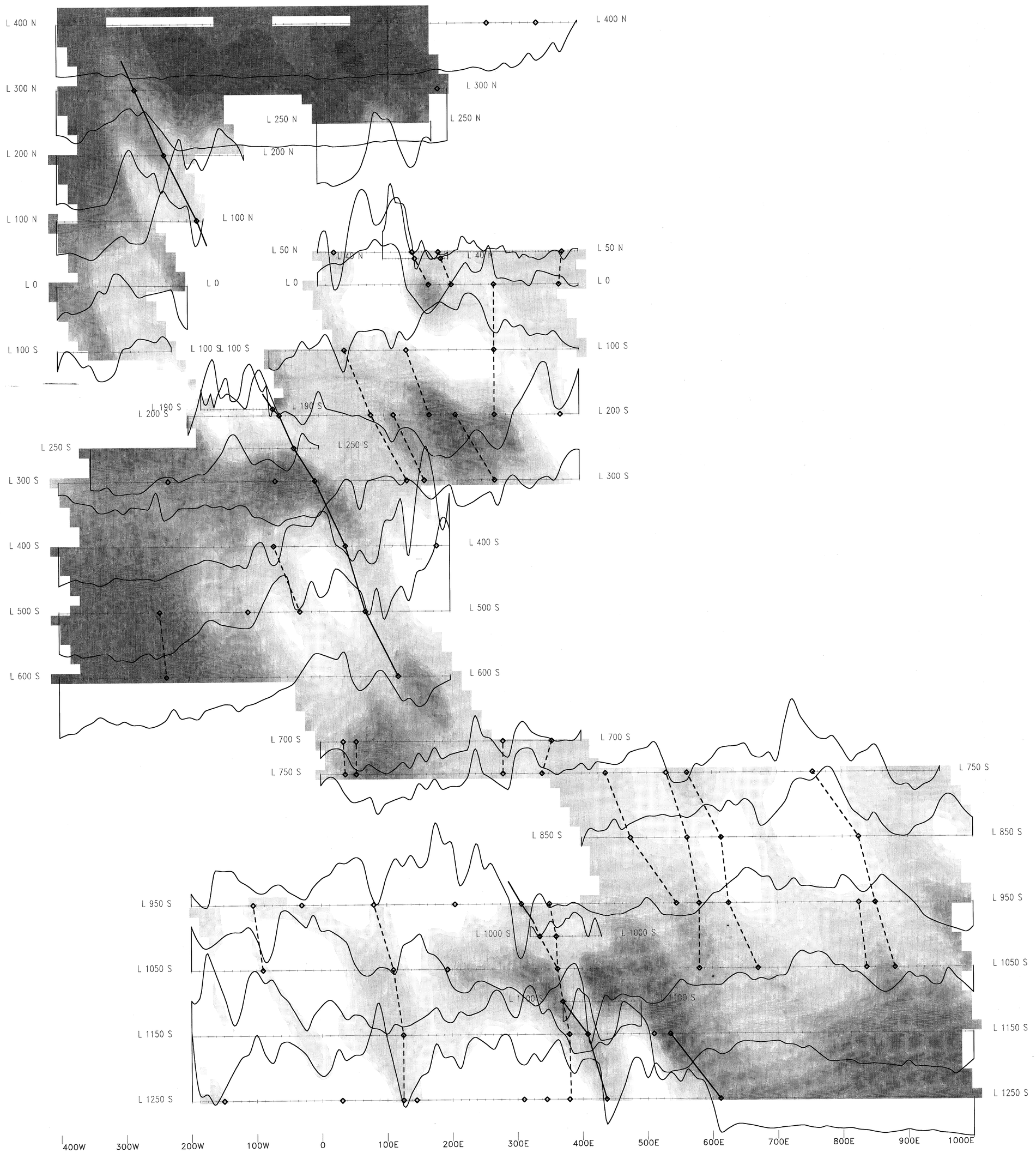
500 nT

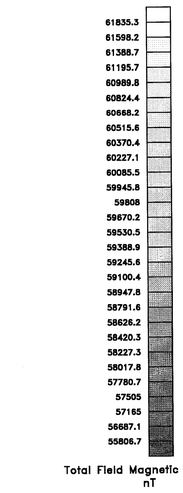
VLF-EM Conductor (strong)

VLF-EM Conductor (weak)

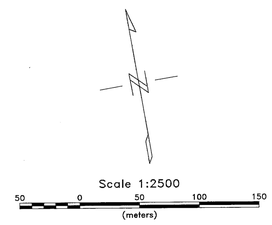
ALLAN RESOURCES INC.
Total Field Magnetic Contours Trend Enhanced to Az. 345 Degrees
CHID Claims, Tatsamenie Lake NTS 104 K/8 Atlin Mining Division, British Columbia Figure # 2 July, 1993
Canamera Geological Ltd.

AR23431





Total Field Magnetic Contours
nT



LEGEND

Magnetic Field Strength

1 cm. = 1000 nT

Magnetic Field Datum Level = 60000 nT

VLF-EM Conductor (strong)

VLF-EM Conductor (weak)

AR 23431

ALLAN RESOURCES INC.

Total Field Magnetic Profiles

CHID Claims, Tatsamenie Lake

NTS 104 K/8

Atlin Mining Division, British Columbia

Figure # 1 July, 1993

Canamera Geological Ltd.