LOG NO: MAR 2 9 1995 U
ACTION:
FILE NO:

1994 ASSESSMENT WORK PROGRAM
LINECUTTING, INDUCED POLARIZATION, AND DIAMOND DRILLING

CARAMELIA PROJECT
Camp McKinney, B.C.

SUB-RECORDER
RECEIVED
MAR 1 4 [illegible]
M.R. #
VANCOUVER, B.C.

Greenwood Mining Division
NTS 82E3 E½
(119°11'W, 49°07'N)

Work done on all or parts of the following crown grants (or reverted crown grants): Maple Leaf, Emma, Alice, Cariboo, Amelia, Okanagan, Teaser, Last Chance, Wonder Y, Slamet, Wiarton, Sailor, Rover Fr, Kamloops, Sawtooth, Waterloo Consolidated, Fontenoy, Snowshoe, Sveinson's Fr, Cariboo Fr, Minnie-Ha-Ha, Burley No 1, Paragon, Diamond; and on the following staked claims: Lou, Gold Aura (now Woops), Chico On, Billie and Vern.

GOLD CITY MINING CORP. (owner)

Vancouver, B.C.

by

CHARLES A.R. LAMMLE, PEng.

31 JANUARY 1995

Chas. W. Lammle

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,833

CARAMELIA PROJECT 1994 DIAMOND DRILL CAMP

TABLE OF CONTENTS

LIST OF DRAWINGS

LIST OF PHOTOGRAPHS

INTRODUCTION

Summary of Work Done

During late August, 1994, a work program consisting of line cutting, induced polarization surveying and diamond drilling on the subject project was approved. The primary objectives, were skarn- and replacement-type targets with large tonnage possibilities. The secondary objective was narrow vein-type targets with smaller tonnage possibilities. Neither skarn nor replacement type mineralization was detected. Only minor rock geochemical indications of gold and silver were detected, mostly in areas close to suspected veins.

Field work was carried out during 24Aug-15Dec1994; line cutting during 24Aug-03Sep, induced polarization during 06Sep-17Sep, and diamond drilling during 28Nov-15Dec. Contractors were Amex Exploration Services, Ltd., Kamloops; Scott Geophysics Ltd., Vancouver; and Bergeron Drilling Ltd., Greenwood. The work was organized, supervised and written-up by C.A.R. Lammle, PEng., consultant, who spent irregular intervals of time on the project from mid-Aug94 through mid-Feb1995. Work Permit file number was 14675-20-02 (Dist. 4).

The test program, particularly the targets and placement of holes, had been the subject of on-going work, field trips, memos and reports by management and consultants over several years. Several previous small, budget-limited assessment work programs, predicated on reviews of previous geological and/or assessment reports, had the same ultimate purpose:

1) what is the best target; skarn possibilities, silicified areas or Cariboo-Amelia vein?
2) where to drill; under the workings, or vein projections or McArthur-style offsets?
3) which way to drill given the geometry - stratigraphy, veins, faulting, topography?

Induced polarization work is normally used to define large masses of disseminated to semi-massive sulphide, including sulphide-bearing skarns. The technique had not been used previously on the property, however several other geophysical techniques had been used previously to some degree. Amex Exploration Services, Kamloops, was commissioned to cut eight 2.5 km of east-west line (parallel to the known narrow veins) for control purposes (20 km total) (see DWG 950125-1), and Scott Geophysics, Vancouver, a firm known to and recommended by company associates, was likewise commissioned to run IP over the full extent of these lines (DWGs 940125-2 & -3). The IP was undertaken with a general term of reference that Gold City would interpret the results because of the voluminous file on geology, workings, previous geophysics, drilling, etc.

Results from the IP were complex. Zones of very high chargeability-conductivity were distributed throughout the survey area; ie., there was a unusually large amounts of electrically polarizable material (particles capable of being electrically charged like minute condensers) that collectively were sufficiently near each other to make zones of low electrical resistance (ie. zones of high electrical conductivity). The immediate geological inference was widespread graphite - much more widespread than anticipated - in concentration sufficient to mask the much more subtle effects hoped for from sulphide-bearing skarn or replacement-type mineralization. It was then believed, because of this electrical complexity, that the best use of the IP results was to attempt to subdivide the survey area into dislocated structural blocks, and to orient the drilling to test these blocks and their boundaries for economic minerals, and further, that Scott Geophysics should be asked for its interpretation. This interpretation was done by Jim Hawkins, field geophysicist, based on his work and on limited file data, mainly BCDM Bulletin No. 6 by M.S. Hedley. He defined a number of zones of high chargeability-conductivity, ie., zones with high chargeability and low resistivity, and it was decided to collar the holes to test some of these in areas where skarn, replacement mineralization and veins might be expected.

Seven drill holes were planned on this basis. Subsequently in late November, a contract for 1000m of NQ diamond drilling was awarded to Bergeron Drilling Ltd., Greenwood, B.C. Under the terms of the contract, 1151.5 m were drilled (DWG 950125-1). Pajari dip tests were performed, generally at 50m intervals; these are noted on the logs, attached as appendicies. Core was split, generally at alternate 5' intervals, resulting in 417 samples which were analysed for the standard ICP package of 30 elements, and for gold by acid leach atomic adsorption by Acme Analytical Labs, Vancouver. Intervals split and sample numbers assigned thereto are depicted on the logs, for cross refernce purposes with analyses which are attached as an appendix. Large, near-surface, open pit-sized deposits of graphitic quartzite were found, but unfortunately, no intersections of sulphide-bearing gold were disclosed. The economic value of the graphite, has not been determined. Metallurgical tests to separate graphite from the quartzitic host rock should be done, and the product(s) sent for determination of value(s), if any. Core is stored in 20' boxes in a wood-frame building on the property.

Work was done on all or parts of the following crown grants (or reverted crown grants): Maple Leaf, Emma, Alice, Cariboo, Amelia, Okanagan, Teaser, Last Chance, Wonder Y, Slamet, Wiarton, Sailor, Rover Fr, Kamloops, Sawtooth, Waterloo Consolidated, Fontenoy, Snowshoe, Sveinson's Fr, Cariboo Fr, Minnie-Ha-Ha, Burley No 1, Paragon, Diamond; and on the following staked claims: Lou, Gold Aura (now Woops), Chico On, Billie and Vern.

This report documents and illustrates the drilling program. It includes graphic logs, plans, sections, 3-D views, analyses and site photographs. A 1984 magnetometer survey by D, Mark covering part of the area has been newly digitized, and included for technical correlation purposes (not for Assessment Work Credit). Geophysical results, including the magnetics, were analysed by the ProbPlot computer program. The drafting was done with AutoCAD 12 and SURFER, and has been incorporated with the three dimensional AutoCAD graphics file on the property - the n1 chargeability and resistivity, and the 1984 magnetometer in external referencing (XRef) format. It is hoped that the compilation will evoke ideas, discussion and critiques by everyone familiar with and interested in the property.

LOCATION, ACCESS, GEOGRAPHY, PHYSIOGRAPHY, HISTORY

Camp McKinney is located in the south-central part of the province, 22 km northeast of Osoyoos, and 12 km north of the Canada-USA border. Physiographically, this is in southern Okanagan Highlands, part of B.C.'s Southern Plateau and Mountain System. Access is 11 km northerly via the all weather Baldy Mtn. gravel road that joins paved Highway 3 at a point 3 km east of Bridesville. The general elevation of Camp McKinney is about 1340 metres, the topography being smoothly sculpted, terraced and veneered with glacial, glacial-fluvial and outwash. Drainage is towards the south via deeply entrenched McKinney and Rock Creeks. Rice Creek, a small stream, flows southerly across the central part of the property.

Much of the mixed coniferous-deciduous forest (pine, larch, fir, aspen) has been harvested by skidding to truck-landings. In the course of the last century, many of the original surveyed corner posts, and the more recent located posts have been obliterated by forest fires, by road building and by logging work. Some iron pins have been re-established by B.C. Telephone in the course of installing new lines to the Baldy Mtn. ski hill community.

Camp McKinney was discovered in the mid 1880's, and became one of the first dividend-paying gold mines in British Columbia. The first claims were American style with extralateral rights and dimensions 600' x 1500'. Although small tonnage-wise, the veins were, and still are important because of their richness.

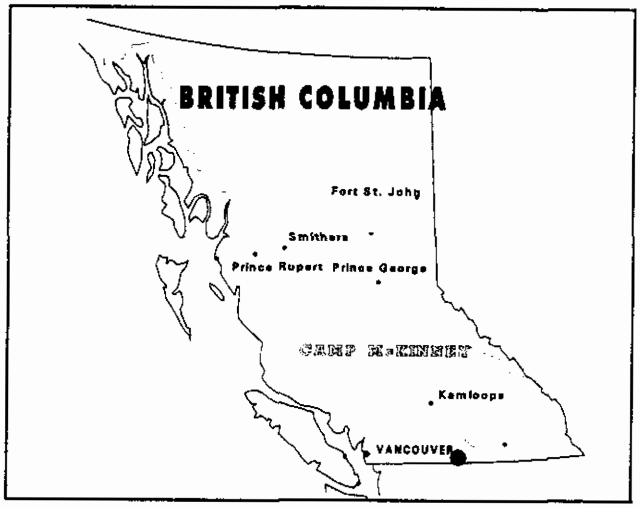


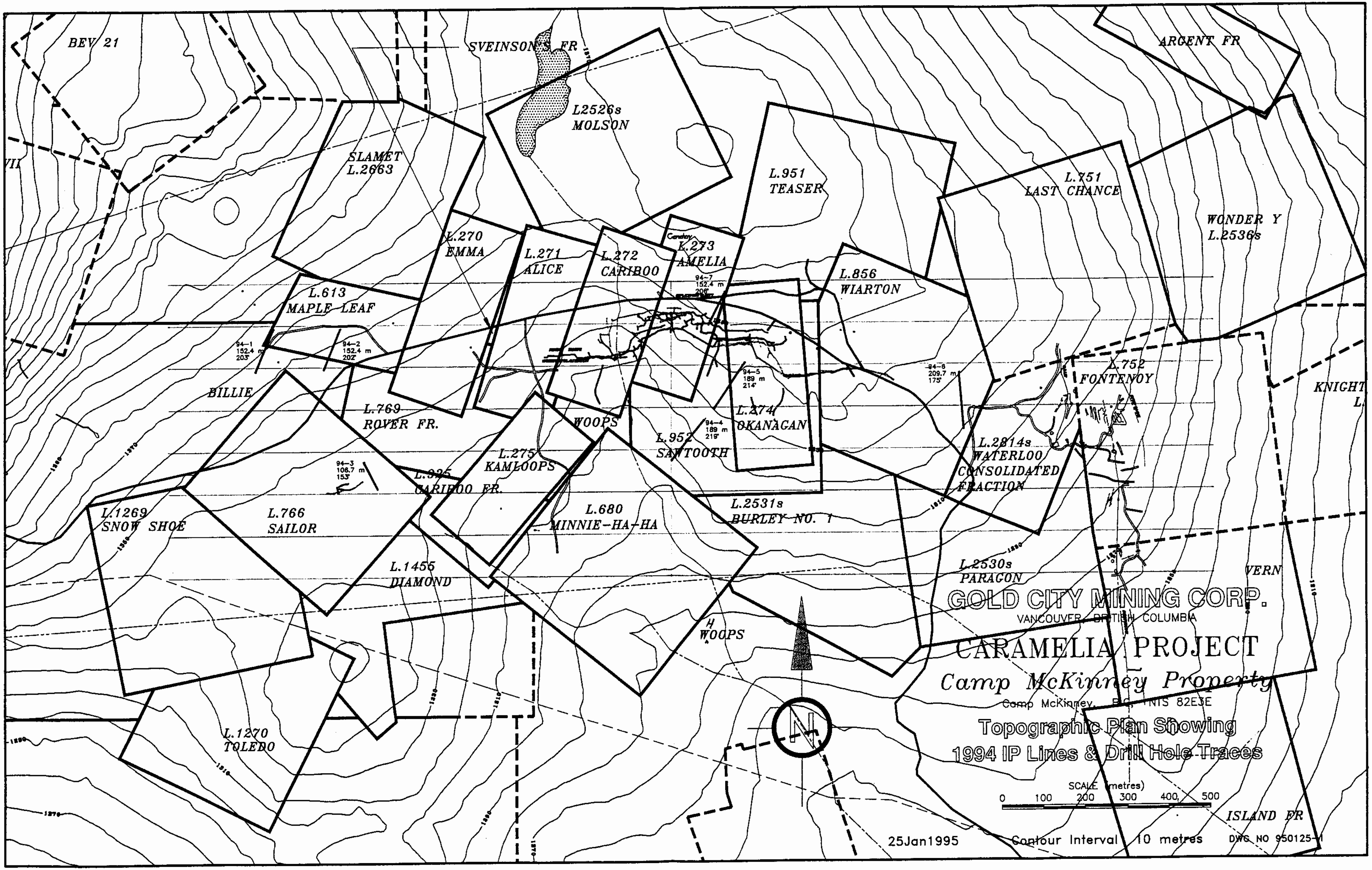
Figure 1 MAP OF BRITISH COLUMBIA SHOWING LOCATION OF CARAMELIA PROJECT AT CAMP McKINNEY.

Recorded production was during three main periods: 1960-62,1940-46 and 1894-1918. Total production is 124,452 tonnes from which 2,538,101 grams gold and 1,008,979 grams silver were recovered. Production during the early 1960's was 10,244 tonnes and from this 443,559 grams gold and 373,267 grams silver was won.

PROPERTY

The property consists of a number of crown granted mineral claims (CG); reverted crown grants (RCG); and both two-post and metric claims. (See DWG 950125-1, attached)

CLAIM	LOT NO	RECORD NO	AREA	TYPE
Emma	CG L.270		8.36	
Alice	CG L.271		7.08	
Cariboo	CG L.272		7.59	
Amelia	CG L.273		6.27	
Okanagan	CG L.274		8.07	
Maple Leaf	CG L.613		5.25	
Last Chance	CG L.751		18.95	
Fontenoy	CG L.752		19.37	
Wiarton	CG L.856		17.92	
Sawtooth	CG L.952		2.80	
Molson	CG L.2526S		17.58	
Paragon	CG L.2530S		14.66	
Burley #1	CG L.2531S		15.99	
Wonder Y	CG L.2536S		20.36	
Edward VII	CG L.3499		??	
Minnie-Ha-Ha	RCG L.680	214279	20.52	
Sailor	RCG L.766	214280	17.00	
Diamond	RCG L.1455	214281	8.69	
Toledo	RCG L.1270	214282	13.57	
Snowshoe	RCG L.1269	214283	17.47	
Teaser	RCG L.951	214284	16.75	
Rover Fr.	RCG L.769	214289	6.19	
Cariboo Fr.	RCG L.925	214290	1.94	
Kamloops	RCG L.275	214291	17.27	
Slamet	RCG L.2661	214492		
Bev 21	RCG L.2660	325533		
Bev 22	RCG L.2661	325534		
Vern	RCG L.759	328787		
Sveinson's Fr	RCG L.1651	319052		
Island Fr	RCG L.1090	328788		
Argent Fr	RCG L.343	328789		
Billie		214925		3Ex2S
Whoops *(once Gold Aura)*				5Wx4N
Dave		328793		3Ex2S
Dawn		328792		4Wx4S



GOLD CITY MINING CORP.
VANCOUVER, BRITISH COLUMBIA

CARAMELIA PROJECT
Camp McKinney Property
Camp McKinney, B.C. NTS 82E3E

Topographic Plan Showing
1994 IP Lines & Drill Hole Traces

25Jan1995 Contour Interval 10 metres DWG NO 950125-1

GEOLOGY

The geology of the area has been reported on in the literature and assessment report files numerous times. The most terse, comprehensive and understandable document is M.S. Hedley's Geology of Camp McKinney and of the Cariboo-Amelia Mine in Bulletin No. 6 of B.C. Dept. of Mines. No repetition of this fine description is needed. However, some description integrating data from more recent studies can be justified. Minfile 082ESW020 gives an accurate summary.

Anarchist Group is a poorly understood group of sea-floor sediments and volcanic rocks. On stratigraphic and scant fossil evidence, the age of the assemblage is bracketed between Permian and Triassic. It is believed that the strata were originally a veneer of sands, silts, limy muds and limy volcanics lying on the sea floor, and that during plate tectonic collision, some of the heavier basalts, the lighter sediments and some slices of basalt from the sea floor itself were ploughed off, as if by bulldozer, and obducted up onto the edge of the continent - the blade being the metamorphosed leading edge of the craton, now represented by Shuswap Terrane. The rocks that subducted during this process descended and eventually melted, forming granitic magmas. The lighter molten material ascended, like hot air balloons, and formed the stocks and batholiths now called Nelson, Okanagan and Valhalla Intrusions.

Given this scenario, Anarchist Group would have originated under conditions of east-west compression. Accordingly, large scale folding with northwest-trending axial planes should be suspected. However, this compression regime changed later to east-west tension, for this southern part of British Columbia is now characterized by strong, north-trending horst and graben block faults. Subduction, persisting for a long time and eventually lifting and expanding the surface from within to a greater radii, can be credited with having changed the stress from compression to tension.

Now, after extensive erosion, the geology of this part of southern Okanagan Highlands can be characterized - somewhat imperfectly perhaps - as a large pendant of Anarchist Group (Permo/Triassic) rooted in granodiorite of Nelson Batholith (Jura-Cretaceous). The stratigraphic succession in the pendant - calcareous tuffaceous rocks - greenstone, graywacke and limestone; impure carbonaceous quartzite, and serpentine are visually and compositionally somewhat similar, in overall aspect, to much older greenstone strata in the pre-Cambrian Shield. However, the structure in Anarchist Group is probably anticlinorial, while most pre-Cambrian greenstone belts are synclinorial. The intrusive rocks are also similar petrographically to some in the older greenstone belts, and although generally of acid to intermediate composition near the Anarchist rocks, range in composition to alkaline types.

Anarchist Group strata on the property were successively dyked, deformed, silicified, hornfelsed, skarned, veined, mineralized, intruded, faulted and dyked again.

The character of the contact between the greenstone and the granodiorite, being poorly exposed, is poorly known; undoubtedly it is irregular both in plan and section. Importantly, the intrusive was exposed in underground workings in the early 1960's, on No.6 Level near the bottom of the Hill-Starck inclined shaft, and also, with much alteration, in the western end of No.3 Level. At these locations, the intrusive appears to cut off (or offset) the gold-bearing vein, suggesting that the intrusive is post-mineral. However, veins elsewhere are present in the intrusive rocks, as on Brook mineral claim, and likely these formed from late stage fluids rising from the intrusion to eventually fill conduits and fissures. Hence, it is likely that the veins are contemporaneous with the intrusion. Wall-rock of the veins was irregularly altered to sericite-quartz-ankerite. Near fissure vein system, silica-ankerite-sulphide alteration should be expected, and development of listwanite would not be unusual.

Contact metamorphic, metasomatic and structural effects can be expected in the older rocks at and near the contact. Some rock types (sandstones and shales, for instance) can be expected to have been hornfelsed and silicified; others (impure carbonate rocks) can be expected to be metasomatized to garnet-pyroxene-pyrrhotite skarns, and these would have excellent potential for large sized deposits of base and precious metals. All of the rocks could be expected to be faulted, particularly, the country rock overlying the intrusion.

The main productive vein at Camp McKinney was called the Cariboo, or Cariboo-Amelia, after the principal claims. This vein is near vertical and trends east. The quartz from it is bluish, semi-translucent, and faintly banded. It has mesothermal characteristics like the veins at Bralorne and like those in the Motherlode district of California. Mineralization consists of pyrite with visible gold. Small amounts of sphalerite, galena, chalcopyrite, tetrahedrite and some pyrrhotite are also present. Towards the west, the vein seems to branch out into northwest-, west- and southwest-trending sub-systems, while towards the east the strike seems to change to the southeast.

After the vein was in place, one of the most likely effects of continued rising of the intrusion would be deformation and fault dislocation of the older strata and the vein itself. Underground mining was greatly complicated by the complexity of the faulting. The author presumes that the present disrupted configuration of the vein was caused by the imperceptibly slow rising of the intrusive mass, and the accompanying compression, deformation and block faulting of the rocks at the contact and overlying the intrusion. Disruptive effects of the intrusion on the older rocks would diminish with increasing distance from the contact.

If the vein originally occupied a single linearly-continuous, near-vertical fissure, then its present configuration would be the principal marker by which this disruption might be measured. Viewed three dimensionally in AutoCAD, the Cariboo-Amelia vein in the central sections of the old mine - the sections above the underground exposures of the intrusive - appear to have been shoved upwards and to the north on a series of thrust faults - a number of which are flat, and a number of which are steeply inclined. It appears that the flat faults were early, as two of the principal ones are themselves offset by one of the steeply inclined ones. The cumulative upwards and northerly dislocation is undoubtedly a result of the underlying intrusion making way for itself. Exploration targets can be located by using this concept to extrapolate likely positions of the vein.

INDUCED POLARIZATION (and Magnetic) RESULTS

Equipment used by Scott Geophysics was a Scintrex IPR12 receiver and a TSQ3 transmitter. Pole dipole readings were taken in time domain, with a 2 second current pulse. "A" spacing was 25m and "n" spacings were 1 through 5. Chargeability was measured durint the 690-1050 millisecond interval after current shut-off. Twenty kilometres of line - 8 2.5 km lines from west to east were thus surveyed.

For rapid scrutiny, the induced polarization readings, chargeability (mv/v) and resistivity (ohm-m), are categorized by groups of instrument readings that fall into ProbPlot populations; chargeability readings in 3 overlapping populations, and resistivity in 4, as follows:

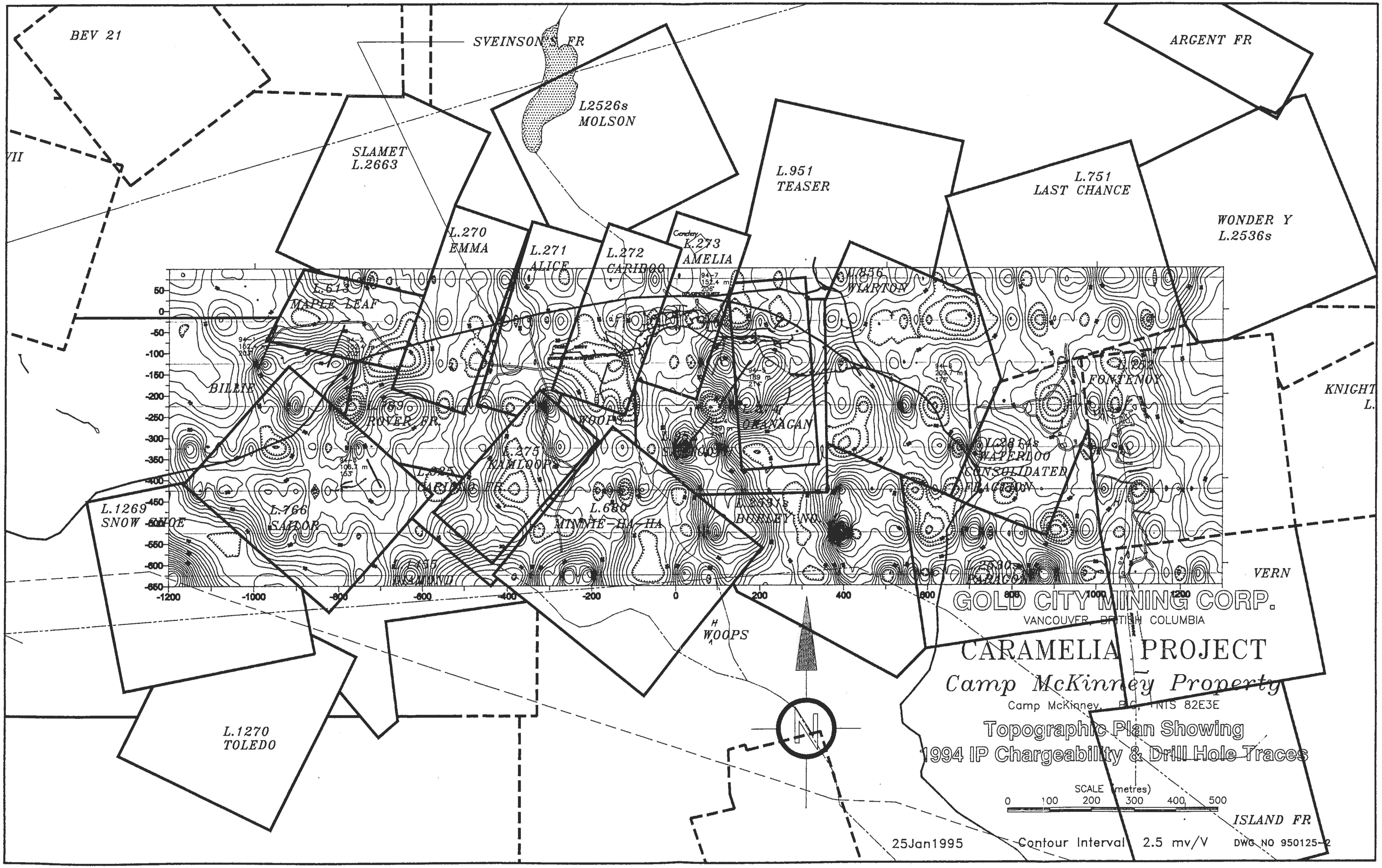
PROBPLOT ANALYSIS

n=791	POPULATION	MEAN	STD DEV	PERCENT	THRESHOLD
CHARGEABILITY		mv/v			mv/v
	1	5.7	1.4	8	2 TO 8.5
	2	24.9	9.5	88.5	6 TO 44
	3	55.5	9.3	3.5	37 TO 87
RESISTIVITY		ohm-m			ohm-m
	1	257	170	60	5 TO 596
	2	843	166	25	510 TO 1175
	3	1053	253	10	1053 TO 2064
	4	2965	923	5	1119 TO 5620

Chargeability response can be described as a uniform pattern of discrete chargeability highs and lows across the survey area, with the western half characterized by lows and highs of slightly lower magnitude than those on the eastern half. A narrow zone running northwesterly from 100E,650S on the grid, divides the two halves; it is marked by a linear string of chargeability lows; a few stronger anomalies (>42 mv/v) lie along its southeast flank. Trends are somewhat vague, but give a general impression of northerly trending stratigraphy. On the basis of the above 3 best-fit populations, 8% of the survey area is characterized by low to moderate chargeability, the remainder by moderately high to very high chargeability.

Resistivity response is areallly divided likewise, with a dense scatter of poorly connected highs and lows in the west half of the area, and only a few highs dispersed in a broad area of relatively uniform low readings in the eastern half. Some of the lowest resistivity (<500 ohm-m) occupies a broad area on the southeast flank of the dividing zone. Trends are more distinct and more suggestive of northerly to north-northwesterly trending stratigraphy. On the basis of the above 4 best-fit populations, 60% of the survey area is characterized by very low resistivity of magnitude expectable from graphitic rocks.

The 1984 magnetometer survey covers the north-central half of the grid area. Equipment used was a Geometrics G-816 proton precession magnetometer that reads total field directly to ±1 nT. The readings were controlled by cut lines; it consisted of an east-west base line and 44 perperndicular crosslines at 100' intervals. Stations and mag readings were every 50' along the cross lines. Dirunal corrections were facilitated by running closed loop traverses back to control stations at which readings had been taken previously. For convenience, an arbitrary base level of 57,000 nT was subtracted from each reading. Number of readings digitized from original maps for this analysis is 934. (These results are included only for technical correlations; no assessment work credit is applied for or expected.)



GOLD CITY MINING CORP.

VANCOUVER, BRITISH COLUMBIA

CARAMELIA PROJECT

Camp McKinney Property

Camp McKinney, B.C. NTS 82E3E

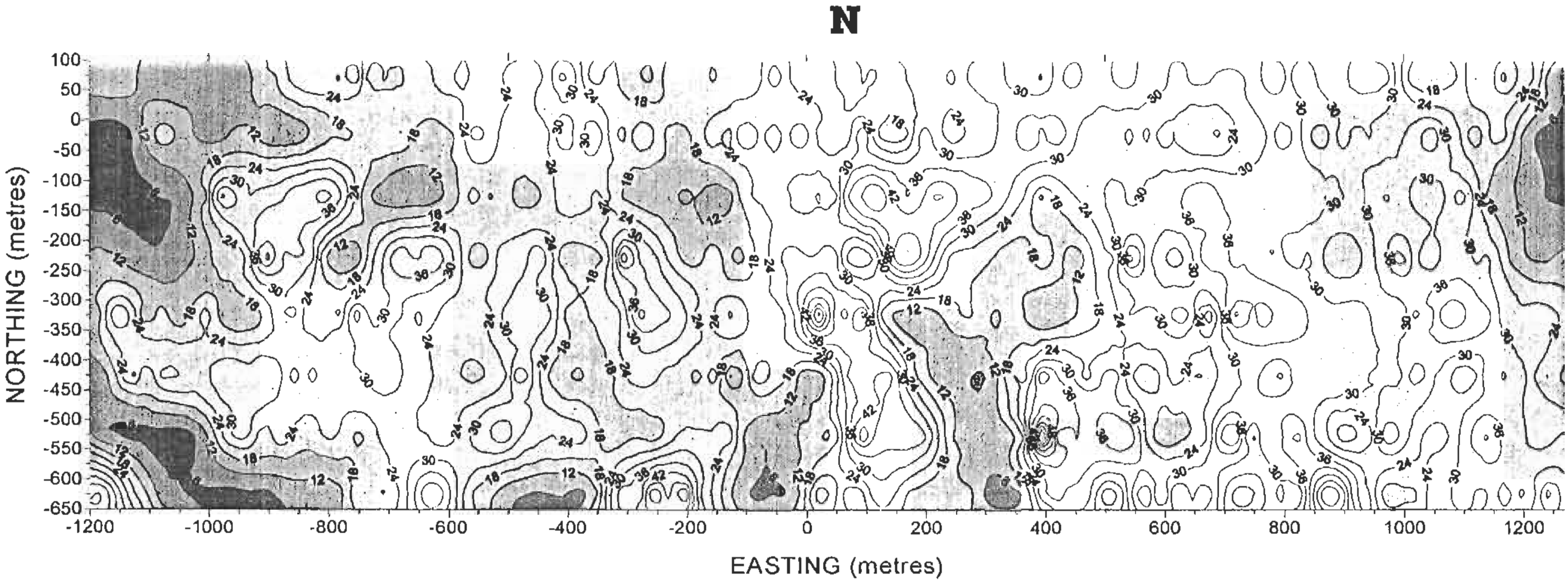
Topographic Plan Showing 1994 IP Chargeability & Drill Hole Traces

SCALE (metres)
0 100 200 300 400 500

25Jan1995

Contour Interval 2.5 mv/V

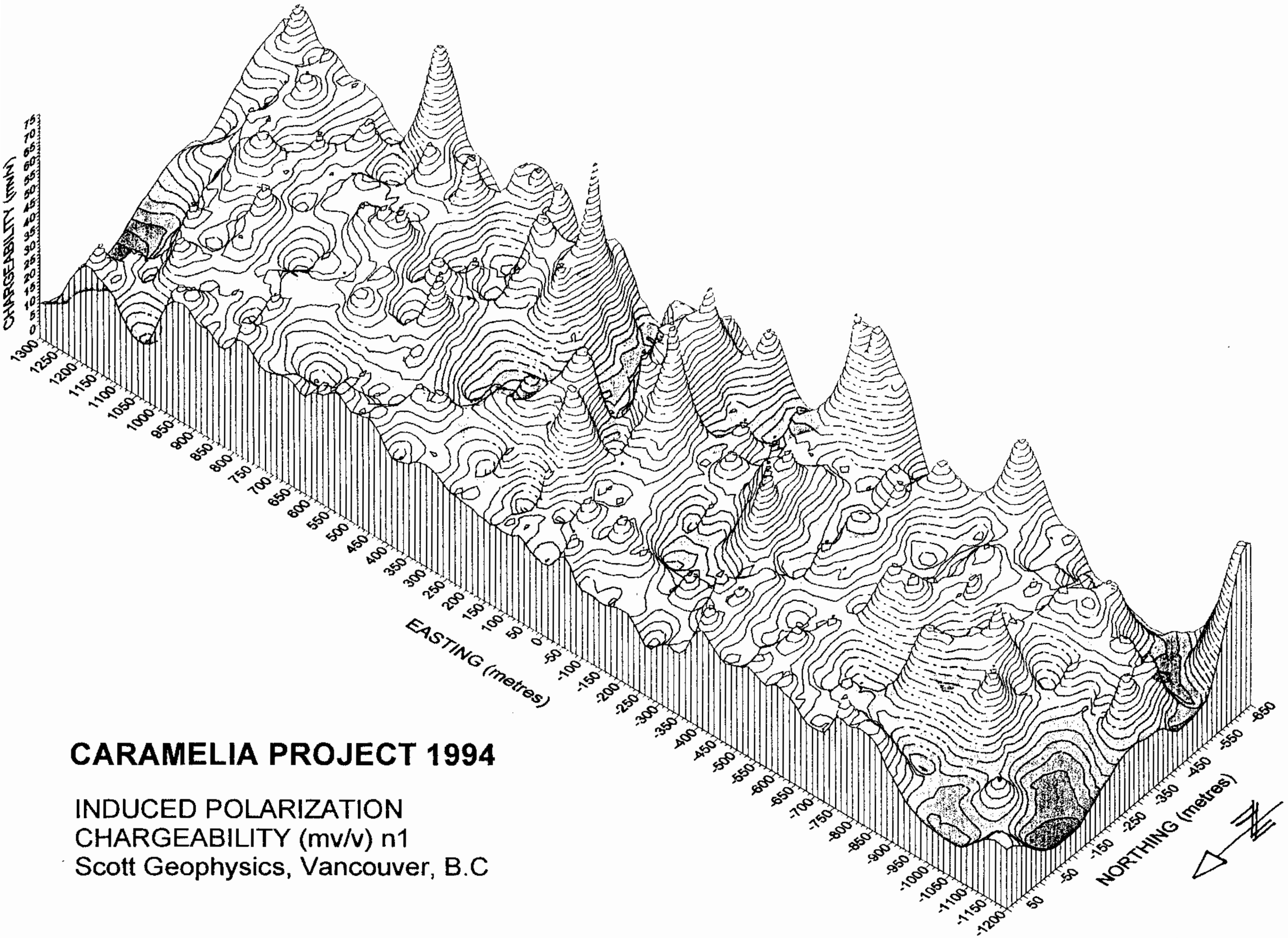
DWG NO 950125-2



CARAMELIA PROJECT 1994

INDUCED POLARIZATION
CHARGEABILITY (mv/v) n1
Scott Geophysics, Vancouver, B.C

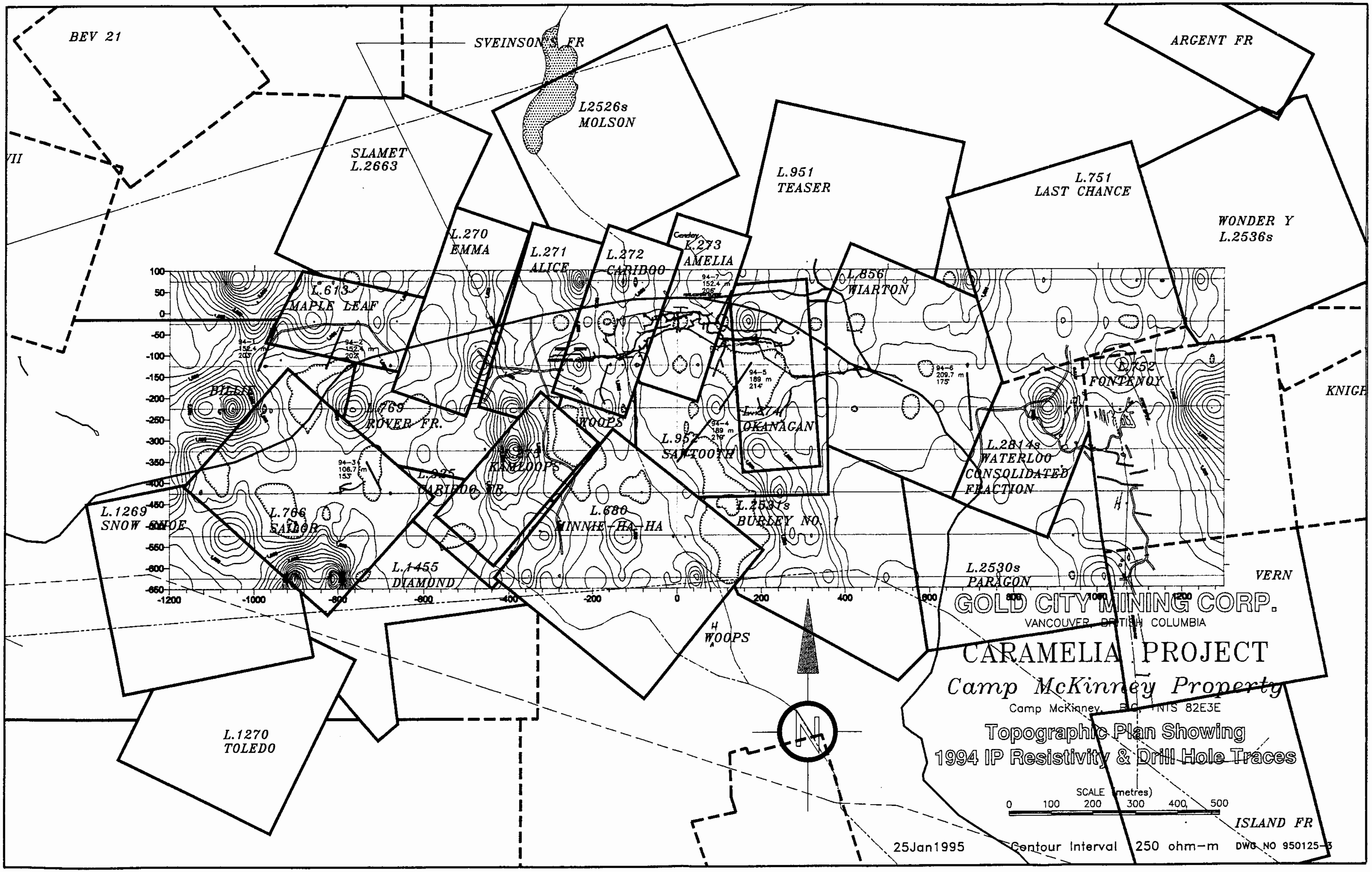
DWG 950125-2a



CARAMELIA PROJECT 1994

INDUCED POLARIZATION
CHARGEABILITY (mv/v) n1
Scott Geophysics, Vancouver, B.C

DWG 950125-2c



GOLD CITY MINING CORP.

VANCOUVER, BRITISH COLUMBIA

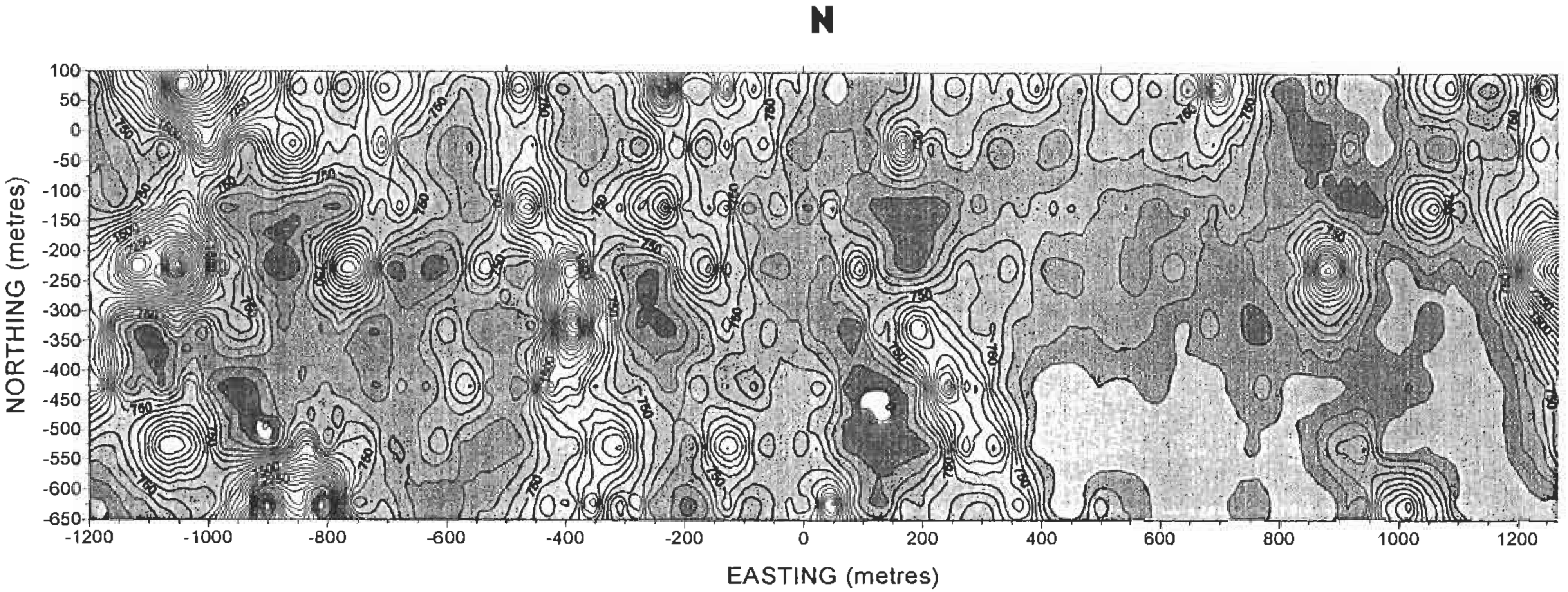
CARAMELIA PROJECT

Camp McKinney Property

Camp McKinney, B.C. NTS 82E3E

Topographic Plan Showing
1994 IP Resistivity & Drill Hole Traces

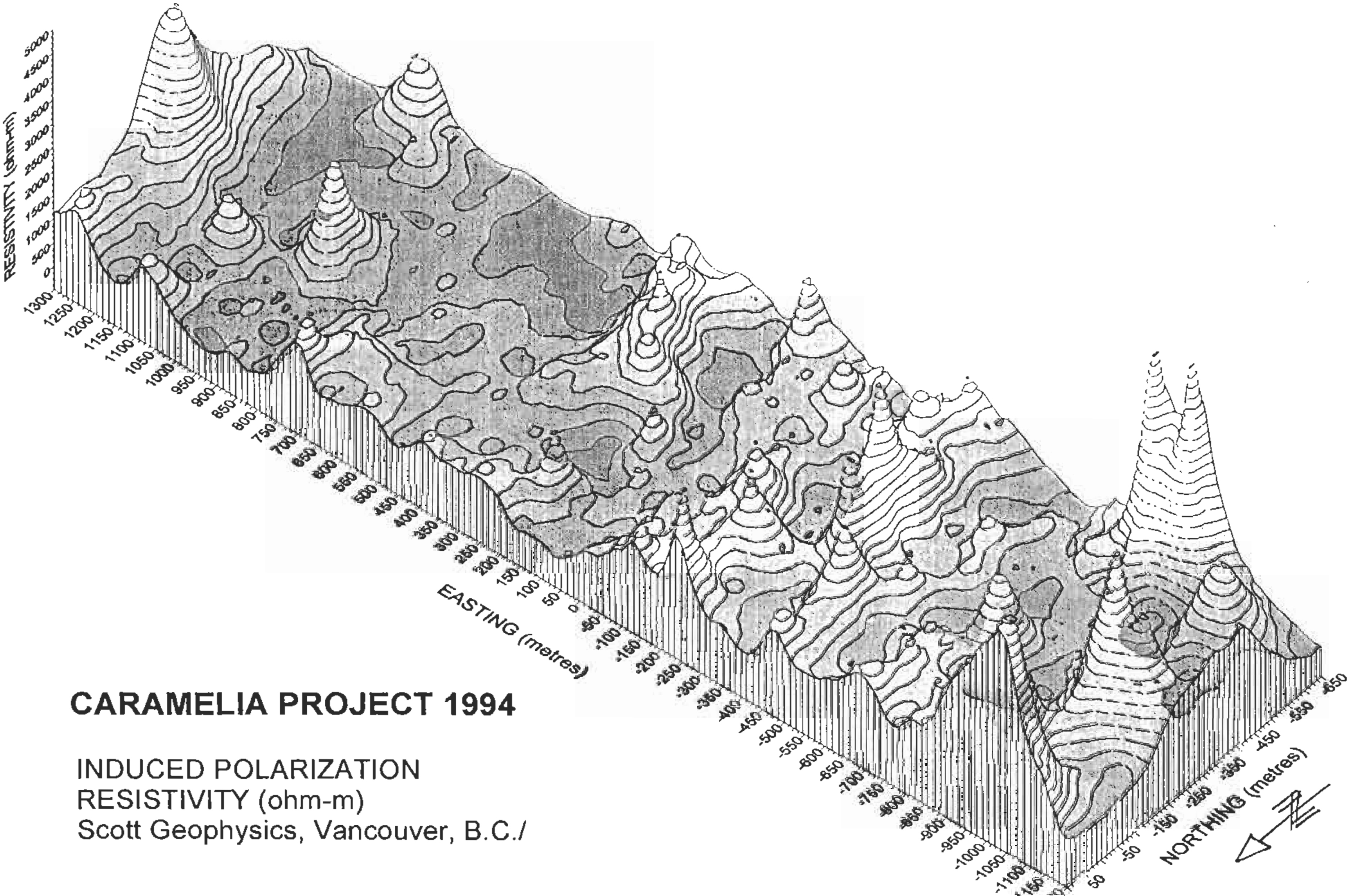
25Jan1995 Contour Interval 250 ohm-m DWG NO 950125-3



CARAMELIA PROJECT - 1994

INDUCED POLARIZATION
RESISTIVITY (ohm-m) n1
Scott Geophysics, Vancouver, B.C.

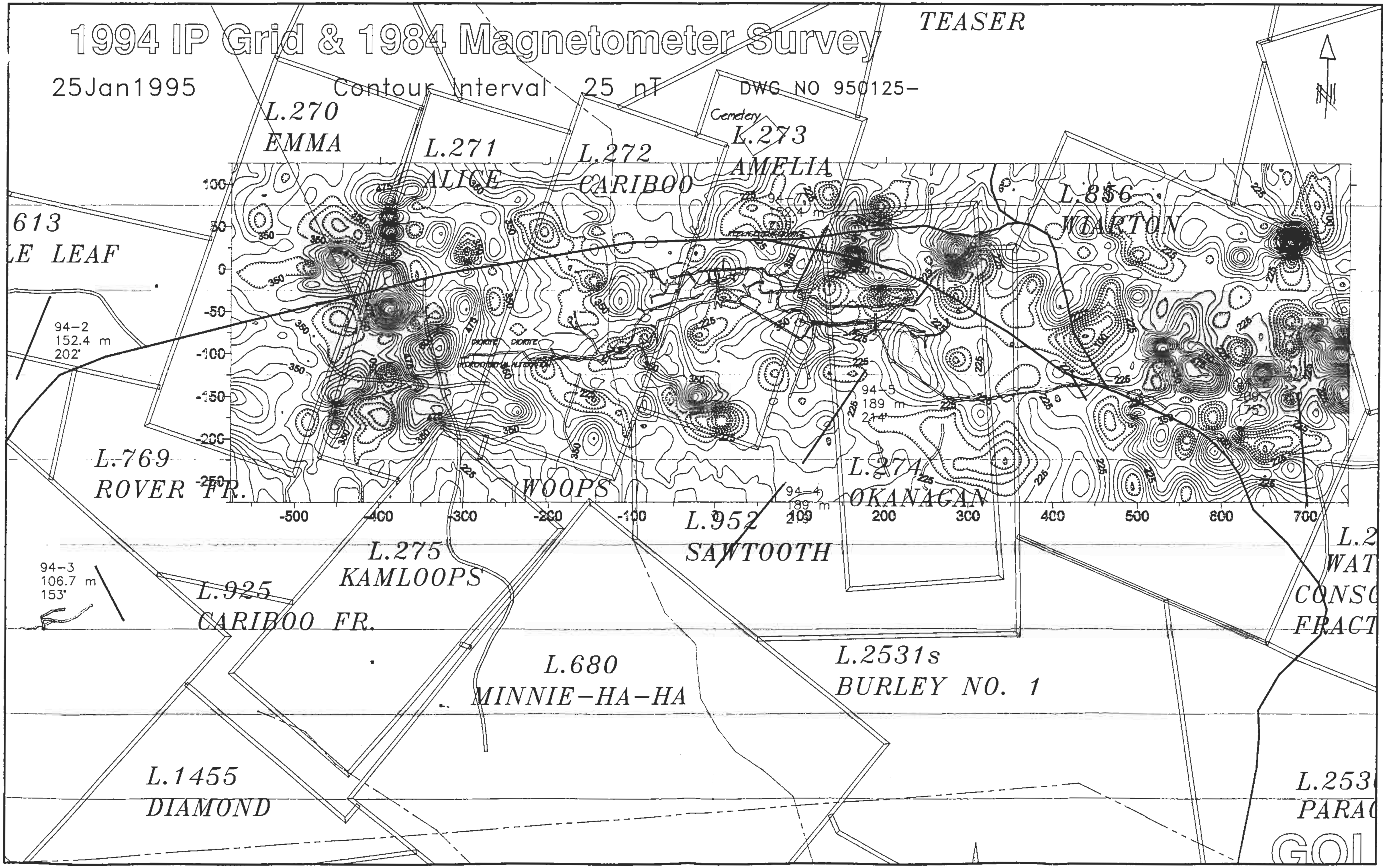
DWG 950125-3a



CARAMELIA PROJECT 1994

INDUCED POLARIZATION
RESISTIVITY (ohm-m)
Scott Geophysics, Vancouver, B.C./

DWG 950125-3b

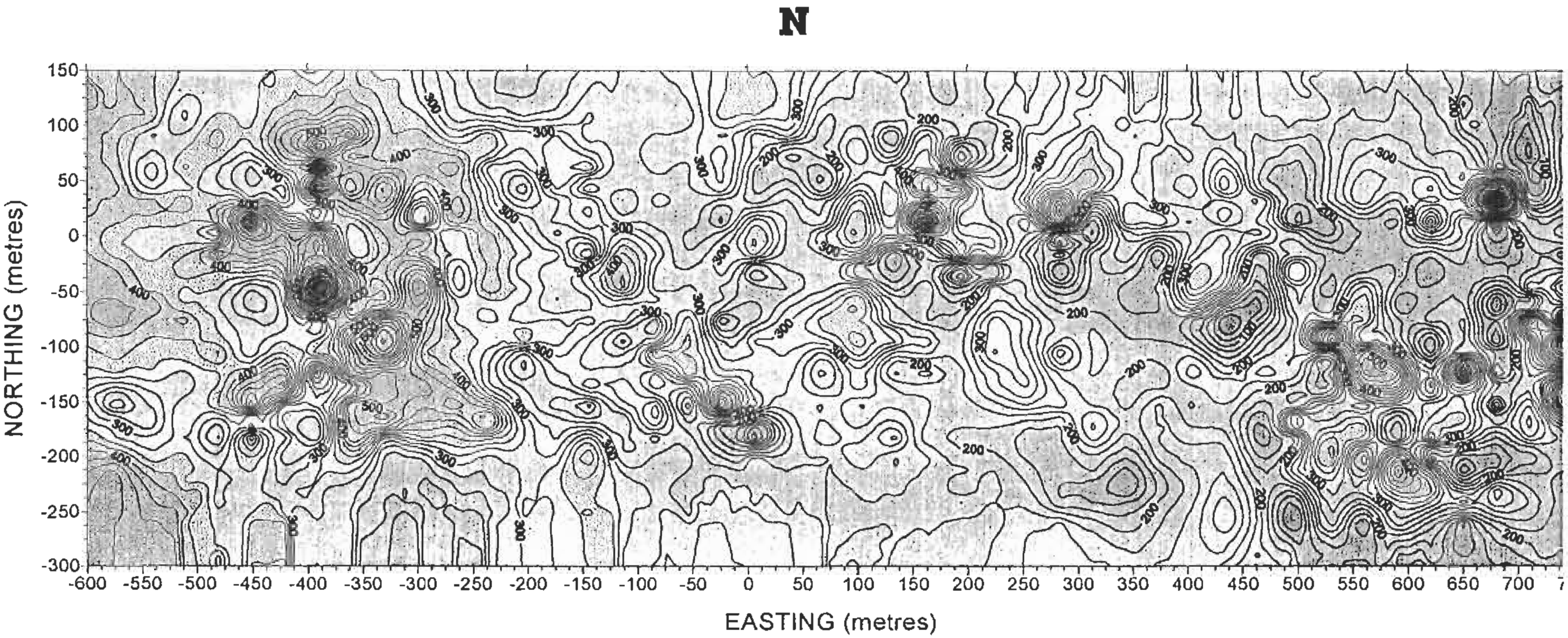


1994 IP Grid & 1984 Magnetometer Survey

25Jan1995

Contour Interval 25 nT

DWG NO 950125-

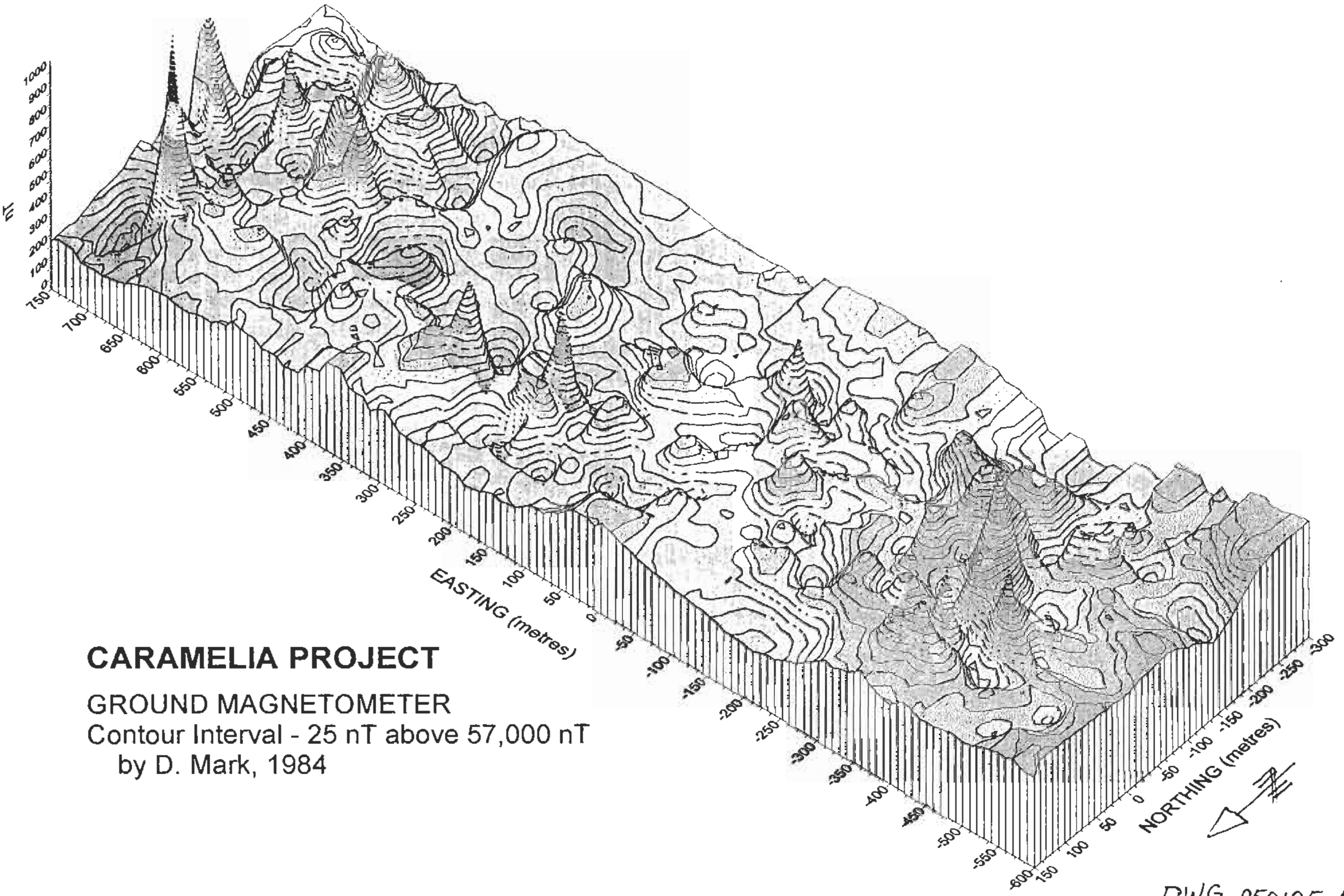


CARAMELIA PROJECT

GROUND MAGNETOMETER
Contour Interval - 25nT above 57,000 nT

by D. Mark, 1984

DWG 950125-4a



CARAMELIA PROJECT

GROUND MAGNETOMETER
Contour Interval - 25 nT above 57,000 nT
by D. Mark, 1984

DWG 950125-4b

Magnetic relief is about 1100 nT above a base of 57,000 nT, with a general northwesterly trend, suggestive again of stratigraphy. This relief is characterized by a fairly uniform pattern of small highs dispersed in broad lows, many of the highs appear to result from a few readings supporting a single station high. However, the highs are clustered in the center of the west-third of the mag survey area, while the highs in the eastern two-thirds are smaller, scattered and of lower amplitude in the eastern half. Also, the general background is lower in the eastern portion than in the western. The division between the two portions, if any, is vague, but would be best placed along the same northwesterly line dividing the IP readings. The best defined lines of linear magnetic lows trend northwesterly and northeasterly; weaker ones trend northerly. Some of the stronger linears correspond with strong faults known from the underground workings.

With very little exception, the magnetic highs and lows do not correlate with IP highs and lows. They are in areas of intermediate IP response, or along the flanks of the stronger IP responses. One mag high that correlates with a moderate chargeability high is at 425E,25N (Wiarton claim) which is the locale of some gold mineralization in an old drill hole and subsequently explored by shaft and backhoe trenches. Two other areas where mag highs correspond with moderate chargeability highs are at 120W,30S and 650E,125S; the former being close to the western end of Tunnel Level at the mine (Cariboo claim), and the latter being immediately west of DDH 94-6 (Wiarton claim).

Thus, it can be concluded that the survey area is divided in two broad, slightly differing stratigraphic units, by a central narrow, northwesterly-trending zone marked by a string of magnetic and chargeability lows. Also, the zone appears to be underlain by rocks susceptible to erosion, for a portion of Rice Creek flows along it. Serpentine dominates a 55m section in the lower half of DDH 94-4, and if this serpentine dips to the northeast as it probably does, it can be suspected as the rock type dividing the two areas. A contact line from the area of the creek, through the serpentine intersection in DDH 94-4, if projected, would pass below the bottom of DDH 94-5 at a dip >30°.

DRILL HOLES - COLLARS, ORIENTATION, LENGTHS

Bergeron Drilling of Greenwood, B.C., did the drilling. Equipment used was a Longyear 38 mounted self-contained on the frame and drive train of a WW2 tank. NQ core was recovered. Water was obtained from 12m down the Hill-Starck inclined shaft and hauled by truck with heated tank. Some 0° water was initially pumped via hose from Rice Creek, but a cold snap nearly terminated the flow, and necessitated use of the warmer water from the shaft. Camp was made in property buildings. Core is stored in 20' boxes in a building on the property.

Details and objectives of the individual holes are described below:

	EASTING	NORTHING	ELEV (m)	BEARING	DIP	LENGTH (ft)	OBJECTIVE
94-1	945.0W	33.0S	1374	203°	-45°	500	IP and projected quartz veins
94-2	787.0W	32.0S	1360	202°	-45°	500	IP, silica replacement and projected Annie L vein
94-3	731.0W	350.0S	1329	153°	-45°	350	IP and projected Sailor Vein
94-4	81.2E	254.3S	1322	219°	-45°	620	IP and areas of possible skarn
94-5	177.7E	119.4S	1336	214°	-47°	620	IP and areas of possible skarn
94-6	692.0E	145.0S	1331	175°	-45°	688	IP and possible projection of quartz veins
94-7	130.5E	50.6N	1345	206°	-50°	500	IP and silica replacement below underground workings

Note: Elevations were determined by aneroid altimeter (±1 metre) relative to the collar of the Hill-Starck inclined shaft.

ROCK TYPES CORED

Rock types encountered, and their relative proportions are tabulated below:

DIAMOND DRILL HOLE*

ROCK TYPE (%)	ALL	94-1	94-2	94-3	94-4	94-7	94-5	94-6
Graphitic Quartzite	26.1	34.5	11.9	31.2	17.9	37.1	39.3	15.9
Tuffaceous Greenstone	23.7	10.3	57.2	28.7	14.9	10.8	15.7	31.0
Tuffaceous Greywacke	21.4	55.2	19.6	36.2	4.6	16.0	13.2	17.8
Tuffaceous Limestone	10.9	-	10.7	3.9	6.2	30.1	23.2	2.1
Serpentine	8.5	-	-	-	32.5	4.3	0.2	13.0
Quartzite	6.2	-	-	-	12.0	-	3.5	19.2
Basalt	1.4	-	-	-	4.8	-	3.9	-
Dyke	1.8	-	0.6	-	7.1	1.7	1.0	1.0

Note* Holes listed from west to east; 94-4 is the most southerly one.

This above table of Rock Types Cored shows:

a) a high percentage of graphitic rocks in each hole, usually in the upper part of the hole, the least in 94-2; and also in 94-4 and 94-6 - the southernmost and easternmost holes.
b) tuffaceous limestone is most common in the central portion of the area tested, mainly in 94-5 and 94-7.
c) tuffaceous greenstone is most common in 94-2 and 94-3, both western holes, and in 94-6.
d) tuffaceous graywacke is most common in 94-1, 94-2 and 94-3, the westernmost holes.
e) quartzite occurs in largely in 94-4 and 94-6, mainly in the easternmost hole.
f) serpentine and dykes are much more abundant in the southernmost hole, closest to the intrusive contact.
g) serpentine, quartzite, basalt and dykes are essentially absent in the three westernmost holes.

Pyrite is common in the darker coloured rocks, particularly the graphitic and tuffaceous types. In these rocks amounts are estimated between 1% and 3%: it is mainly in the form of fine disseminations and thin films on fractures and slickensides. All of the core was tested for magnetic minerals by pencil magnet (at about 1' intervals), and found to be uniformly non-magnetic, at least at this level of sensitivity. In a couple of instances however, a few inches of rock were weakly magnetic due to pyrrhotite, and in another instance, 3" the rock was moderately magnetic due to magnetite. Atomic adsorption analyses yielded geochemically anomalous gold in a number of scattered places - the best was associated with quartz-pyrite, in another instance with quartz-galena-sphalerite, and in still another instance with the 3" of magnetite-bearing rock mentioned above. Silver occurs in anomalous amounts where there is anomalous gold and zinc. Amounts of Ni, Co, Cr, Mg and Sr are higher in the serpentine, probably having been part of the original composition of this dynamically metamorphosed rock type.

The core was logged graphically at a scale of 1" = 10'. The footage blocks marking change of core barrels were plotted to scale, as were the core footage starting and ending in each box. Average length of core in each box was 18.8' ±0.5'. Hence, if more than 19.3' of core is in a 20' box, core loss is to be suspected. Original hand written logs are attached, along with a photograph of the drill site and lithological cross sections.

The core was split with Boyles-type splitter, generally at alternate 5' intervals, and at shorter intercepts at interesting geology. A total of 417 samples were split. These were freighted by Greyhound to Acme

Analytical Labs where 30 elements were determined by Inductively Coupled Plasma from 0.5 g samples. Additionally, gold was determined in each sample by acid leach and atomic adsorption from 10 g samples. It was intended to fire assay any sample with strongly anomalous amounts. A copy of the analyses is attached. Sample numbers on the logs identify sample intervals and thus allow cross reference to individual analyses.

The contractor's performance was excellent. Rate of advance varied generally between 10' and 20'/hr. Core recovery was calculated as >99.5%. All-in cost (excluding head office) is estimated at $76 per metre.

INTERPRETATIONS AND CONCLUSIONS (DWG 950127-1)

Intrusive rocks are present in the lower mine workings at Camp McKinney, and are exposed on surface both west and south of the workings - on the Billie claim and on the south part of Toledo claim. It is believed that the intrusives displaced the rocks at the mine upwards and to the north on a set of steep-dipping reverse faults, and on another set of flat-dipping faults. The major steep-dipping faults strike in two directions - northwest and northeast.

Drawing 950127-1 shows some of these faults, the ones that can be interpreted from the geophysical results described in this report. The steep-dipping set apex and intersect in vicinity of the Cariboo and Amelia workings, as projected from the underground workings, and projected also along strings of mag lows; dips on these steep reverse faults is inwards towards each other, ie., towards the Minnie-Ha-Ha claim. The map shows two other faults, one trending NNW across the Sailor claim, and the other trending northerly across Fontenoy claim. It is thought that the Fontenoy fault displaces the horizon of the Cariboo Vein right laterally about 340m, and that it dragged mineralized quartz from the vein into the east dipping fault plane. Little is known about the interpreted fault across the Sailor; however the geophysical data are permissive of some 60m of right lateral displacement.

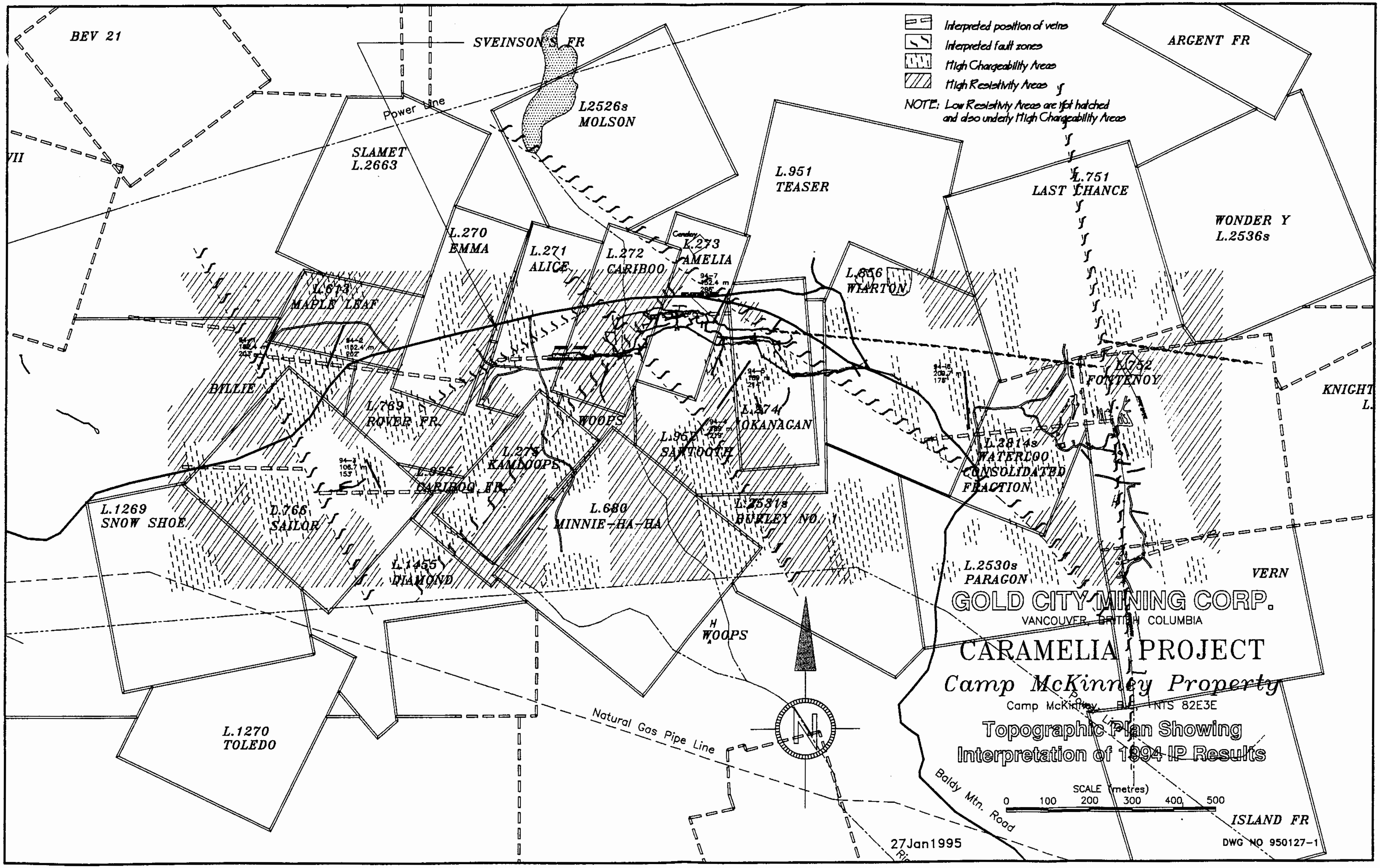
Additionally, this map shows that, almost invariably, high chargeability areas occur in areas of low resistivity. At one area, however - the northwest corner of Maple Leaf - an area of moderately high chargeability - high resistivity is present. High resistivity in this area might reflect silicification: Hedley reports an area of silicification in this general area. The map also shows that all of the seven 1994 drill holes tested chargeability highs - resistivity low combinations.

General conclusions follow:

1) The small amounts of acid leachable AA gold detected in the cores is associated mainly with other sulphides - principally galena, pyrite and pyrrhotite; and secondarily with magnetite.

2) Geochemical amounts of Ni, Co, Cr, Mg and Sr are associated with serpentine: these metals were probably constituents of mafic minerals in the original rock, now dynamically metamorphosed to serpentine.

3) Metasomatic skarn was not identified in the cores, inspite of the favourable geological environment of impure limestone and abundant limy tuffaceous rocks.



Interpreted position of veins
Interpreted fault zones
High Chargeability Areas
High Resistivity Areas

NOTE: Low Resistivity Areas are not hatched
and also underly High Chargeability Areas

GOLD CITY MINING CORP.
VANCOUVER, BRITISH COLUMBIA

CARAMELIA PROJECT
Camp McKinney Property
Camp McKinney, B.C. NTS 82E3E

Topographic Plan Showing
Interpretation of 1994 IP Results

SCALE (metres)
0 100 200 300 400 500

27Jan1995

DWG NO 950127-1

5) Dominant rock types encountered were pyritic graphitic quartzites; pyritic tuffaceous greenstones, graywackes and limestones; serpentine and quartzite. Limestone is most abundant in the central portion of the work area.

6) IP chargeability is characteristically high, and resistivity characteristically low, with subtle northwesterly trends suggestive of stratigraphy. This combination, and the magnitude of the readings, is indicative of graphite in the rocks in quantities sufficient to seriously short-circuit and distort the theoretical IP test hemisphere, and to mask more subtle effects from disseminated sulphides that might be expected in non-magnetic skarn, or from areas of replacement mineralization. Furthermore, the graphite appears to be distributed throughout the survey area in quantities sufficient to render electrical methods ineffective, such as this IP itself, and other electrical geophysical techniques, such as VLF-EM, self potential, etc.

7) Detailed magnetometer surveys are the most proficient and cost effective type of geophysics that *can be carried out on the survey area. It has been shown by previous work assessment* programs that very magnetometer surveys based on close-spaced readings (5m or less) can be used to define the quartz veins, at least near the surface.

8) There is no knowledge of economic value for the extensive graphite deposits discovered. It occurs in open-pittable amounts, but with deleterious quartzite. Beneficiation tests should be run to see if the graphite can be separated cleanly from the quartzite, and if it can, then the value(s), if any, of the product(s) should be determined.

9) In the writer's opinion, the most viable remaining exploration target on the property is the Caramelia Vein itself. Possible strike extensions to the east and west, and depth extensions are adequate in size to contain sufficient tonnage for a small operation. However, file data indicates the expectable mineralization on a possible west strike extension is weak, and the failure of DDH 94-3 to intersect mineralization detracts from chances in this direction. Chances at depth are doubtful because of the liklihood of intrusive rocks underlying the Anarchist package of rocks, and old records suggest that little or no ore was found in intrusive rock in the mine. Therefore, *the best remaining chances are along* the possible east strike extension where the target is likely ot be fault offset progressively downwards and to the south. The Waterloo Consolidated CG which is not owned by Gold City, occupies an important portion of possible extension in this direction. Probably the best way to explore for such an extension, is by detailing the surface with careful magnetometer work, and drilling a fence of overlapping holes, more or less continuous with DDH 94-6, in this general area.

Respectfully submitted,

Chas. Lammle

C.A.R. Lammle

STATEMENT OF EXPENDITURES INCURRED

LINE CUTTING			
Contract, Amex Exploration Services (24Aug-03Sep94)			$ 12691.34
Profesessional Services			
C.A.R. Lammle	25Aug-27Aug	3 day @ $250/day	750.00
Transportation	25Aug-26Aug	3 day @ $65/day	195.00
GST	as above		13.65
Gasoline	as above		110.88
Meals, Misc.	as above		41.05
Accommodation	as above		156.40
INDUCED POLARIZATION	06Sep-17Sep94		21947.89
Contract, Scott Geophysics Ltd.			
Interpretation, Jim Hawkins, Scott Geophysics Ltd.			909.50
Professional Services			
C.A.R. Lammle	05Sep-15Sep	3 day @ $250/day	750.00
Transportation		3 day @ $50/day	150.00
Meals		3 day	65.87
GST			67.61
DIAMOND DRILLING	(26Nov-15Dec94)		88535.64
Contract, Bergeron Drilling Ltd.			
Professional Services			
C.A.R. Lammle	01Oct-06Jan	38 day @ $300/day	11400.00
Report	5Jan-8Feb95	12 day @ $300/day	3600.00
Printer, paper, plotter			50.00
Chris Whatley	28Nov-16Dec	18 day @ $150/day	2700.00
GST			1053.50
Meals for two	24Nov-15Dec	22 days	932.09
Groceries	26Nov-15Dec		203.53
Accommodation	27nov-15Dec		931.50
Rentals, Misc.			
Tilden 4x4 pickup	1 month basis	(includes BC Transit levy)	1718.87
Gasoline			447.31
Lumber, electrical, hardware, etc			277.72
Greyhound freight			823.27
Deakin Eqip; stove, pipe, supplies			678.59
Power saw rental			595.00
Honda generator rental			359.10
Miscellaneous, batteries, stationery, film, parking,			73.07
Acme sample bags, sample books			273.60
Acme Analytical Labs, analyses			6593.51

TOTAL ESPENDITURES INCURRED			**$ 160148.49**

Chas. W. Lammle

BIBLIOGRAPHY

Benvenuto, G., 1989, Assessment Report, Geology of the Mizzenmast and Mainmast Claims, Camp McKinney Mine Area, South-Central B.C., for Nexus Resource Corp.

Benvenuto, G., 1990, Camp McKinney Gold Mine, Summary of History of Mining and Exploration, Exploration Potential and Proposed Program, for Nexus Resource Corp.

Chapman, J.A., 1992, Mineral Exploration Report Geological Geophysical Prospecting, Caramelia Project (Camp McKinney) Greenwood M.D., B.C. NTS 82E/03E.

Hainsworth, W.G., 1989, Report on the Phase 2 Operation (Diamond Drilling) Concerning Claims L.752 Fontenoy & L.753 Last Chance, Greenwood M.D., B.C. for Bravo Resources Inc.

Hedley, M.S., 1940, Geology of Camp McKinney and of the Cariboo-Amelia Mine, Bull. No.6, B.C. Dept. Mines, 39p.

Lammle, C.A.R., 1993, Geophysical Report, Wiarton and Brook Mineral Claims; Last Chance and Fontenoy Claims, Assessement Report for McKinney Mines Corp., 27Jun1993.

Lammle, C.A.R., 1994, 1994 Assessment Work Program, Prospecting, Geological and Geophysical Surveys for McKinney Mines Corp., 15Aug1994.

Mark, D.G., 1984, Geophysical Report on Magnetic and VLF-EM Surveys over the Camp McKinney Property, Rock Creek Area, Greenwood M.D., B.C., technical report to Zuni Energy Corp.

Mark, D.G., 1984, Geochemical Report on a Soil Sample Survey over the Camp McKinney Property, Rock Creek Area, Greenwood M.D., B.C., technical report to Zuni Energy Corp.

Sanguinetti, M.H., 1984, Preliminary Geological Report on the Camp McKinney Property, Rock Creek Area, Greenwood M.D., for Zuni Energy Corp.

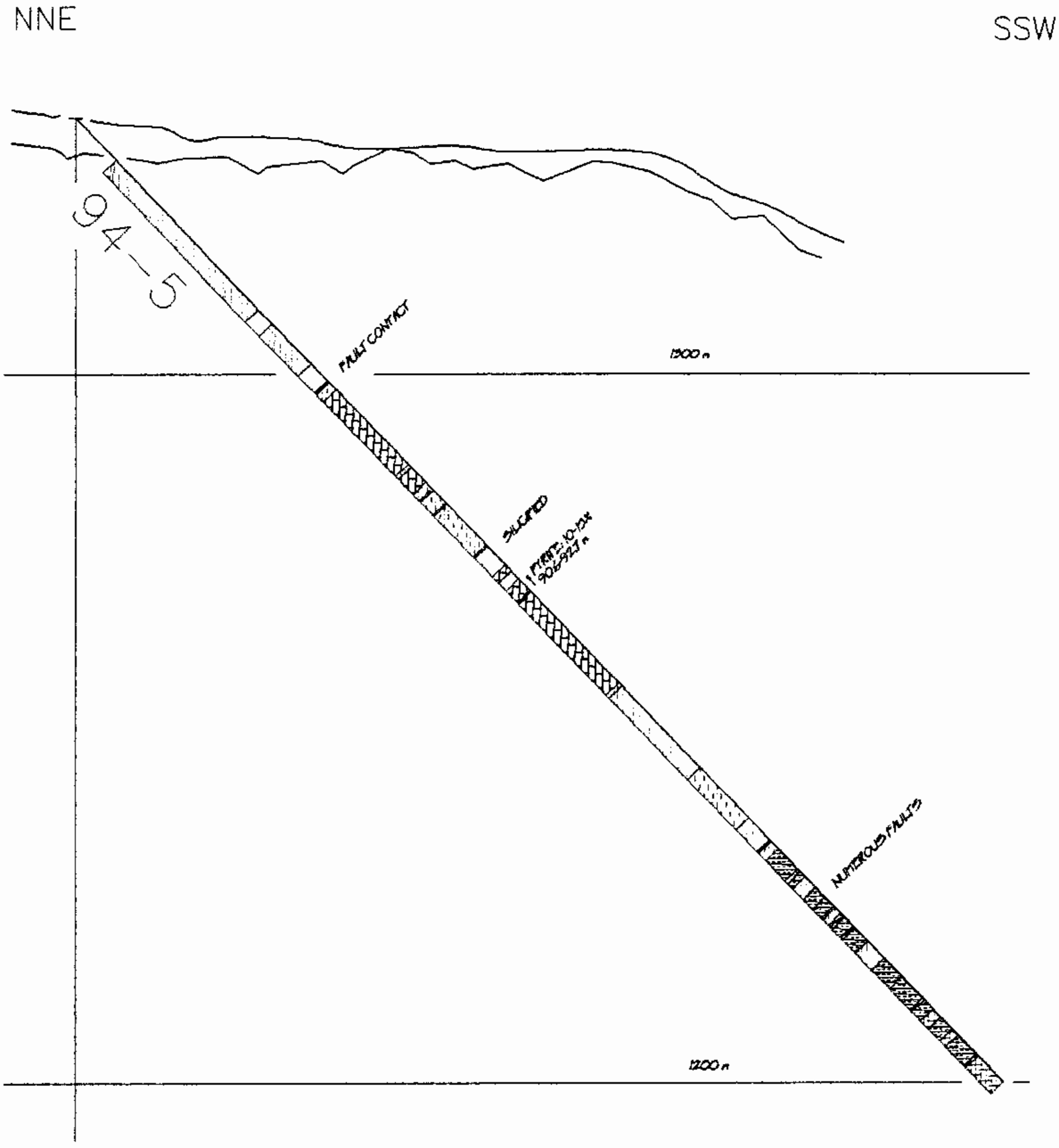
Sanguinetti, M.H., 1986, Report on the Camp McKinney Property, Rock Creek Area, Greenwood M.D., for Ark Energy Ltd.

Shearer, J.T., 1990, Summary Report and Exploration Proposal on the Camp McKinney Gold Mine, Rock Creek Area, B.C., for McKinney Mines Corp.

McKinney Mines Corp. Office Files - Miscellaneous reports, records, files, maps, field notes, etc.

Appendix I Diamond Drill Hole 94-5

CARAMELIA PROJECT DDH 94-5 OKANAGAN C.G.



GEOLOGICAL LEGEND

▭	GRAPHITIC QUARTZITE: black, laminated, crumpled
▨	GREENSTONE: tuffaceous, dark gray, massive to poorly bedded
▭	GRAYWACKE: tuffaceous, gray, thin bedded
▩	LIMESTONE: mainly tuffaceous, rarely nearly pure, gray to light gray
▭	SERPENTINE: talcy, slickensided, light green, some mariposite
▭	QUARTZITE: relatively pure, banded, light gray to whitish
░	BASALT: massive, fine grained, dark gray to black
▒	MAFIC DYKE: aphanitic to fine grained, dark gray to black
▨	FELSIC DYKE: fine to medium grained, light gray, diorite to feldspar porphyry
▨	FAULT OR FAULT ZONE: gouge, crushed and zones of broken rock

GOLD CITY MINING CORP.
VANCOUVER, BRITISH COLUMBIA

CARAMELIA PROJECT
Camp McKinney Property
Camp McKinney, B.C. NTS 82E3E

Drill Hole Cross Section
DDH 94-5

SCALE (metres)
0 10 20 30 40 50

JAN 24, 1995

DWG NO
S94-5

ORDER OF DRILLING
94-5, 94-4, 94-2, 94-1, 94-3, 94-6, 94-7

LONGYEAR 38 SHERMAN M41 MOUNTED

CHRIS WHATLEY
[illegible] CAMMRE

WATER FROM
1960'SHAFT
≈ 40' DOWN
430F

NQ.
BERGERON DRILLING

OKANAGAN

PROJECT CARAMELIA PROJ

Logged by CARL
Date 29-30 NOV, 94

COORD: 177.7E
119.4S

BRG. S34°W
INCL. -47

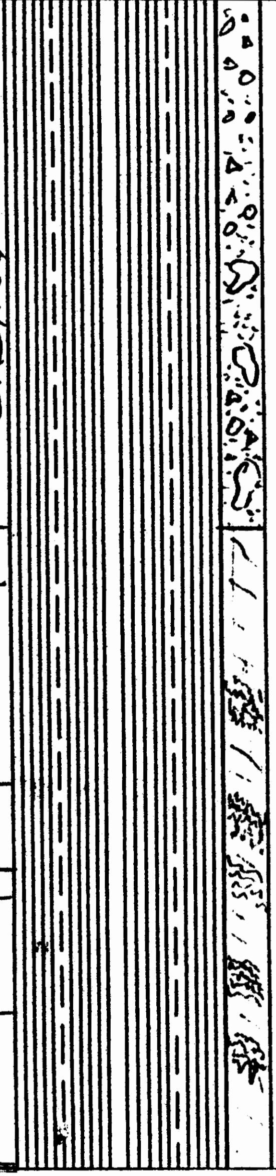
COLLAR ELEV. 1336

HOLE No. 94-5

Sheet 1 of 11

2 metres below collar at headframe

DEPTH FEET	LITHOL	ALTERATION INT	Est. Mb Sulf	Py	SAMPLE BREAK
	Box	Block			
10		CASING		tr	
				tr	
20					
			8.23		100001
30	Broken-up				100002
					03
40					04
	1				05
	2				06
					07
50					08
60					09



DESCRIPTION

OVBD

DIP TESTS
PAJARI

160'	204°	-49°	
315'	204°	-47°	
475'	205°	-46°	
620'	200°	-51°	DOUBTFUL

USE ACID -47 -47 -46 -45 -44 -46

IMPURE CARBON QTZITE

laminated, crumpled in places.

CASING
Dark gray to black, mottled textured, impure carbonaceous quartzite, non-magnetic - no fiss to Mol fractures oxidized to 30' Weakly calcareous in places - no obvious sulphide mineralization, In a few places 1-2% diss py. 2 or 3 flecks of cpy fracture coating noted. Characterizing fabric is finely laminated to thinly ribboned alternating bands of white quartzite & black carbonaceous material variably [illegible] and crumpled Bands hairline to 1/8" generally - occasionally wider, NON-MAGNETIC

minor calcite healed breccia

PROJECT CARAMELIA

Logged by RC

Date 30 NOV

COORD:

BRG.

INCL.

COLLAR ELEV.

HOLE No. 94-5

Sheet 2 of 11

DEPTH 6d	LITHOL	ALTERATION INT	EXT	PV	STRUCT FRAC	VLTS	Est. Mb Sulf	Cp Sl Mag	Py %	Mb	ANALYSES Mo	S		SAMPLE BREAK	DESCRIPTION
FT	2								py.						Rare fractures healed by calcite.
	3								0.5					10	IMPURE CARBONAC. ARGILLACEOUS QTZITE. hard. fairly heavy pyrite at top of box
														11	
70															69-70 Gray crumpled quartzite 17' in 20' box - No evidence of grading
														12	
														13	
	3														
80	4														
									tr					14	minor silvery pyrite on fracture plane.
														15	
90															
														16	
	4														
	5													17	Black, carbonaceous, impure quartzite argillaceous, crenulated irregularly, non fizz non mag, hard,
100															
														18	
														19	
110															
	5													20	
	6														
120														21	

PROJECT CARAMELIA

COORD:

BRG.

COLLAR ELEV.

HOLE No. 94-5

Logged by

Date

INCL.

Sheet 3 of 11

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Si Mag	Py	Mb	ANALYSES Mo	ANALYSES S	ANALYSES Au ppb	SAMPLE BREAK	DESCRIPTION
							31.49					NI CO		22	123 Quartzite, Argillaceous light gray in colour hard, non magnetic
													19	23	
130	6 7						36.58		Minor pyrite on fract. or slips					24	Black fg. crenulated carbonaceous impure quartzite. abundant graphite on slips. Slips are pure graphite.
140														25	
														26	Broken up badly - no evidence of grinding
150	7 8													27	
														28	Core broken into poker chips and otherwise badly broken up. Slip faces glisten because of
							47.85		py 0.5% fract.					29	Quartzite. fairly pure light gray. minor pyrite on fract. non magnetic, not calcareous.
160	8 9													30	4" gougy rock indicating fault
							51.51							31	Gouge Calcareous graywacke. fine to med grained
170							53.04							32	
180		9												33	Limestone, limy tuff. thin bedded to laminated bedding. light gray, abundant fizzing - soft unmineralized. Some white calcite bands appear to be remobilized. Bedding even and regular in core

PROJECT CARAMELIA.

COORD:

BRG.

COLLAR ELEV.

HOLE No. 94-5

Logged by

Date

INCL.

Sheet 4 of 11

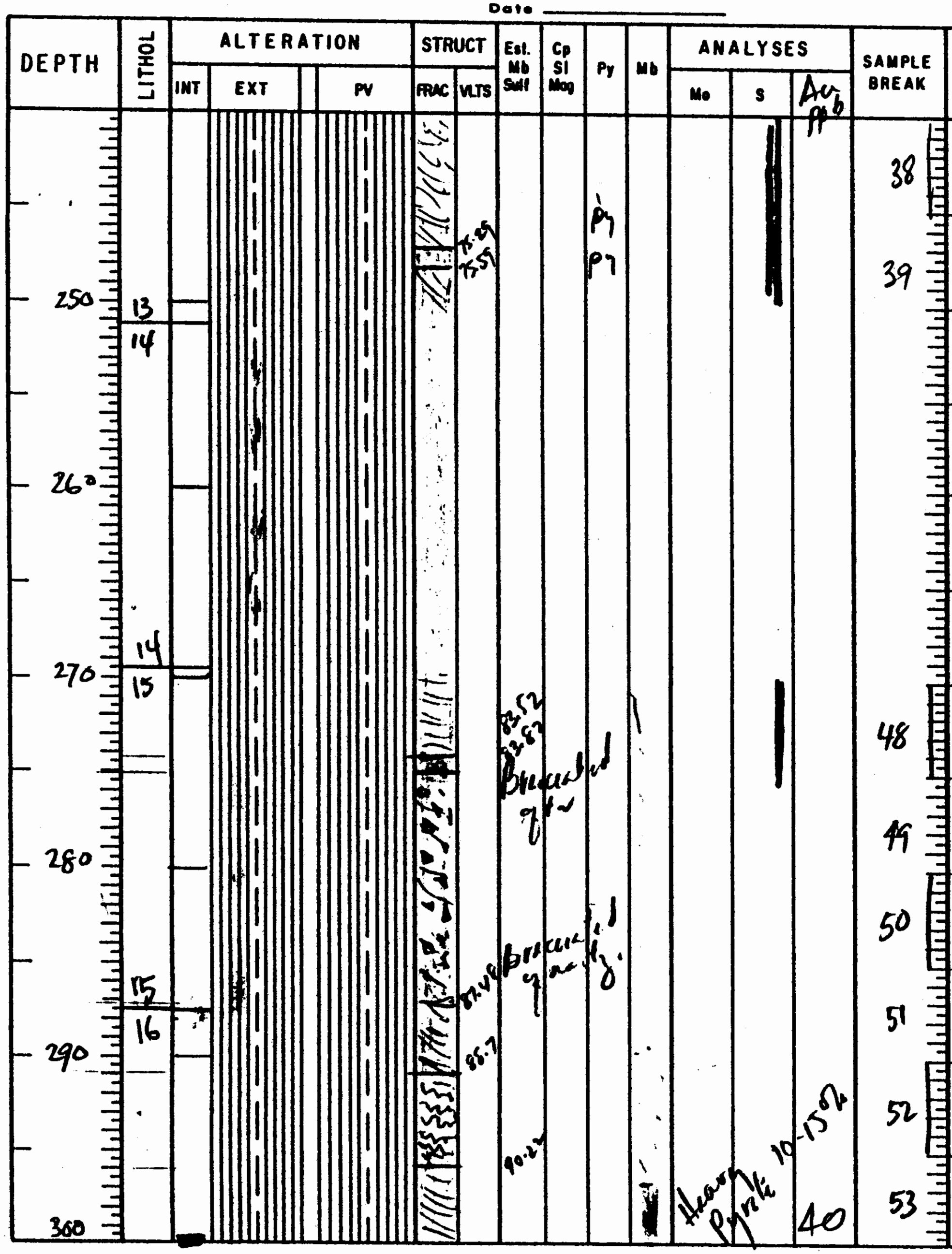
DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Si Mag	Py	Mb	ANALYSES Mo	ANALYSES S	ANALYSES Au ppb	SAMPLE BREAK	DESCRIPTION
												Ni Co		44	light gray limey tuff - limestone. Unmineralized generally 1-2% dissem. & fracture surface pyrite
														45	Some white calcite appears to be replacement bedding even & regular except in ~~top~~ places rehealed faults.
190														46	
	10													47	Looks like perfect recovery
200	11													34	a few dissem grains pyrite on occassional graphitic slips
														35	
210									Py				35	36	pyrite in graphitic slip ¼" wide 30° wtcaxis
	11 12													40	
220							67.66 68.28		min Py.					41	tuffaceous greywacke disseminated grains" occassional pyrite in graywacke
230													32	42	Occassional 1/16 - 1/3 graphitic slips - usually with the occassional dissem. grain pyrite
	12 13						71.32							43	tuffaceous graywacke
240							73.54 72.85		tr Py					37	Becoming more tuffaceous, tuffaceous graywacke tuffaceous graywacke

tuffaceous limestone

PROJECT ______________________ COORD: ______________ BRG. ____________ COLLAR ELEV. ____________ HOLE No. 94-5

Logged by ______________________ INCL. ____________

Date ______________ Sheet 5 of 11



DESCRIPTION

Dark gray volcanic tuffaceous graywacke - minor limy streaks, hard. Non-magnetic. Occassional ½"-1" bull white qtz veinlets. @ 20-30° tc axis

impure qtz vein 20° tc axis, replacing a void. with rock frags. 2" of white bull qtz in box at block - they ground a little here - indeterminant amount 1 to 2% diss py in graywacke. a little pyrite throughout

Tuffaceous graywacke - minor veinlets and irregular masses of white calcite, up to an inch in size. Non-limy, nonmagnetic. Dissem blebs of pyrite with quartz. Minor, 1% diss pyrite.

Dark gray tuffaceous graywacke

1' limestone - tuffaceous limestone

Dark gray to black - highly siliceous, carbonaceous quartzite? Maybe just carbonaceous silica layer, Good looking blue quartz breccia, or brecciated blue quartz with 1-2% diss pyrite. Siliceous areas are vuggy.

Tuffaceous limestone thin bedded, but relatively massive compared to other sections

Impure graphitic quartzite, crenulated -

Tuffaceous limestone with heavy pyrite - 10-15%

PROJECT ____________ COORD: ____________ BRG. ____________ COLLAR ELEV. ____________ HOLE No. 94-5

Logged by ____________ Date ____________ INCL. ____________ Sheet 6 of 11

DEPTH	LITHOL	ALTERATION INT	EXT	PV	STRUCT FRAC	VLTS	Est. Mb Sulf	Cp Si Mag	Py	Mb	ANALYSES Mo	S	Au ppb.	SAMPLE BREAK	DESCRIPTION
	16						3" gouge			Heavy Py 10-15%			11	54	Heavy diss pyrite, some streaky blue quartz lenses, and some brecciated blue quartz
	17												38	55	
														56	Tuffaceous laminstone, light gray - fine grained thin to laminated bedding, 10-15% 1-2" layers of tuffaceous graywacke occassional pyrite in graywacke, several graphitic partings usually with pyrite dissem. Bedding is about 75-80° wrt c axis. Generally 1-2% dissem & fracture plane pyrite small grains & clotted aggregates
310														57	
														58	
320															
	17														
	18														Black tuffaceous laminstone, fine grained laminated with white calcite layers 1/8-3/8" thick, Bedding at 30° to c axis. Unaltered and unmineralized. Minor bull qtz 2½" at 338.5'
330												Ni Co			
340	18														
	19														Black to gray tuffaceous laminstone - laminated bedding generally ¼-½" layers. Unmineralized and unaltered, no quartz no material amount of pyrite
														59	
350														60	
														61	
360															

PROJECT CARAMELIA

COORD:

BRG.

COLLAR ELEV.

HOLE No. 94-5

Logged by

Date

INCL.

Sheet 7 of 11

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S		SAMPLE BREAK	DESCRIPTION
	20						116.64 111.25								Tuffaceous limestone Graywacke - volcanic; tuffaceous graywacke
370									0.5 %						Impure carbonaceous quartzite, minor fine dissem. grains pyrite with the graphite. Disturbed impure quartzite - quartzite layers being brittle probably broke up under stress while carbonaceous component flowed. Hard.
380	20 21											Ni Co		62 63 64 65	Carbonaceous quartzite layers 1/8-3/8" thick alternating layers of white quartz & black graphitic material, non-magnetic, non calcareous. Some of the quartz appears to be remobilized into clots & aggregations, ie 2-4%. About 60:40 carbonaceous: quartz bands.
390															
400	22														
410															
420	22 9						127.41								Calcareous Graywacke

PROJECT CARAMELIA.

COORD:

BRG.

INCL.

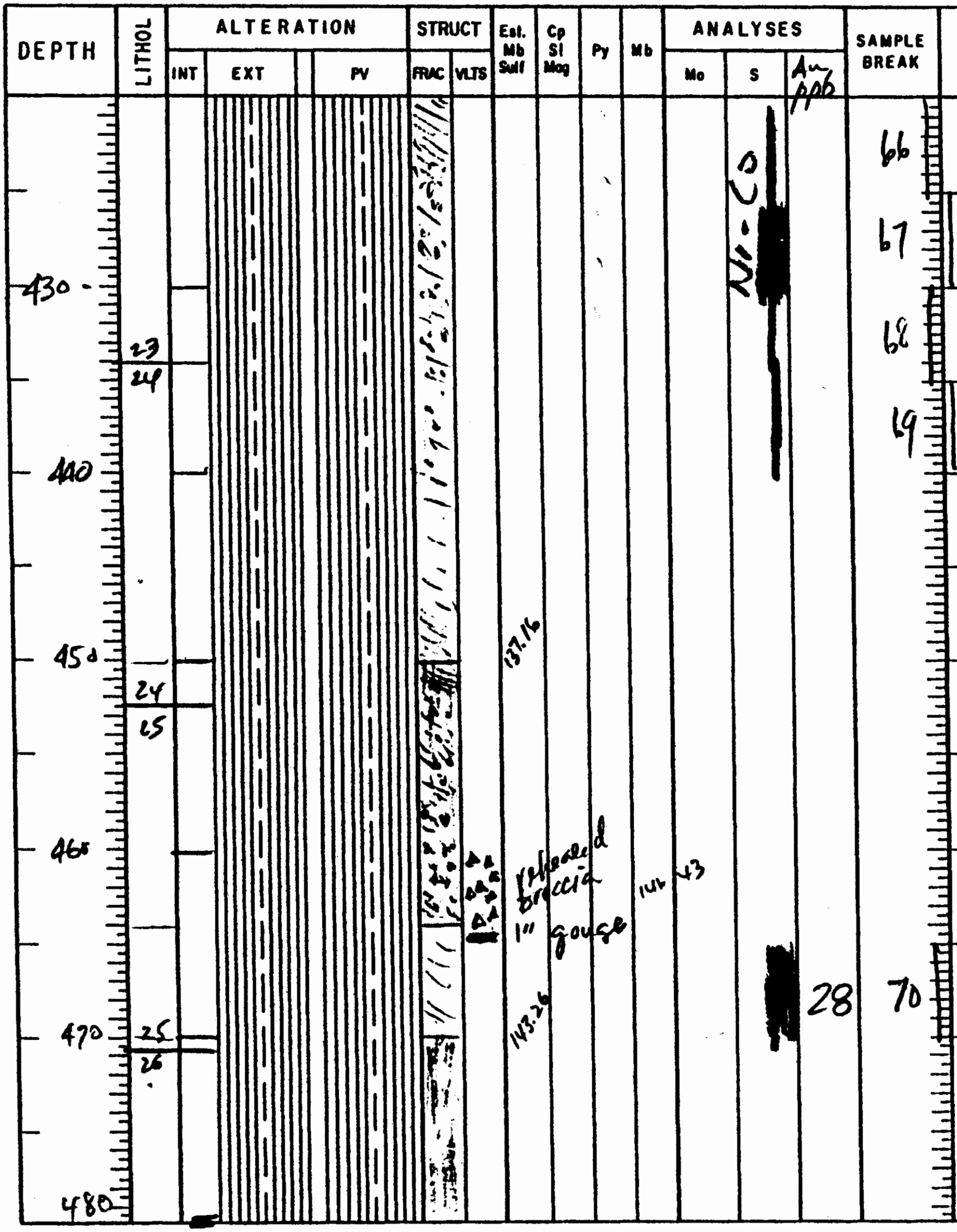
COLLAR ELEV.

HOLE No. 94-5

Logged by

Date

Sheet 8 of 11



DESCRIPTION

Calcareous grawacke, gray banded generally lenig non magnetic fine gradid grawacke laced with 1/8 - 1/2" banding calcite, and some bull quartz. Generally 1% fine dessemeniated pyrite

Contact at about 60° wrt core axis
impure carbonaceous quartzite

Contact 45° wrt core axis

Thick bedded gray tuffaceous limestone

Calcareous greenstone, slickensided
soft dark gray to black fine grained -
non-magnetic, serpentinse slips

PROJECT ____________ COORD: ____________ BRG. ____________ COLLAR ELEV. ____________ **HOLE No.** 94-5

Logged by ____________ Date ____________ INCL. ____________ Sheet 9 of 11

DEPTH	LITHOL	STRUCT VLTS	Est. Mb Sulf	Cp SI Mag	SAMPLE BREAK	DESCRIPTION
	Loss 0.5'	147.27 147.83				Calcareous greenstone, dark gray to black soft rock Carbonaceous quartzite
			3"	gouge		
		148.74				
490	26 27					
					71	Carbonaceous quartzite – remobilized qtz coarse mottled texture not banded.
	Loss 1.0'		150.88			
					72	Calcareous greenstone, serpentine slickensides, non magnetic, non-calcareous, a couple of mushy crushed zones to 1/2" - incipient faults Fairly massive & homogeneous.
500						
					73	
			154.84			Carbonaceous quartzite – remobilized quartz mottled texture & not banded
510	27 28					Graphitic qtz
		.36 .67	156.06 .36			
						Calc- Gst
			158.34			Graphitic qtzite in thin layers in quartzite "S" shaped dragfolds 
520		.64				
						Calc. Gst
530	28 29		161.39			
					74	Graphitic qtzite.
					75	
540						

PROJECT CARAMELIA.

COORD:

BRG.

INCL.

COLLAR ELEV.

HOLE No. 94-5

Logged by

Date

Sheet 10 of 11

DEPTH	LITHOL	STRUCT VLTS	Est. Mb Sulf	Cp Si Mag	Py	ANALYSES S	SAMPLE BREAK	DESCRIPTION
			K4. 74			[redacted]		Graphitic Qtzite.
			incipient minor fault G				76	Calcareous Greenstone, non magnetic soft - much on hit with hammer. serpentinous
			1/2					
	29 30		1/2					
550			Al.					Calcareous greenstone: light gray green - homogeneous soft serpentinous rock with graphitic slickensides, soft, weakly reactive to HCl all non magnetic. No quartz or calcite veining
			5" goug			Ni-Co		
			1/2	minor				
560								
	30 31			172. 62 172 82		[redacted]		Lamprophyre dyke, black fine grain, non magnetic Contacts are gougy No quartz or calcite veining in dyke.
							77	Calc. Greenstone as above
570			174	65			78	Lamprophyre Dyke: black fine grained non magnetic non lime dyke. Upper contact is chilled lower contact is at Block - maybe faulted
			176	17			79	Calcar. Greenstone as above
580	31 32							
								Brown basalt, fine grained non-magnetic gradational contacts over 2-3" of upper and lower contacts. Cut by calcite veins. Probably part of the Calcareous greenstone Formation
590								
								Calcareous greenstone unit has numerous serpentinous slip suggestive of incipient faulting.
600								

PROJECT CALAMELIA.

Logged by

Date

COORD:

BRG.

INCL.

COLLAR ELEV.

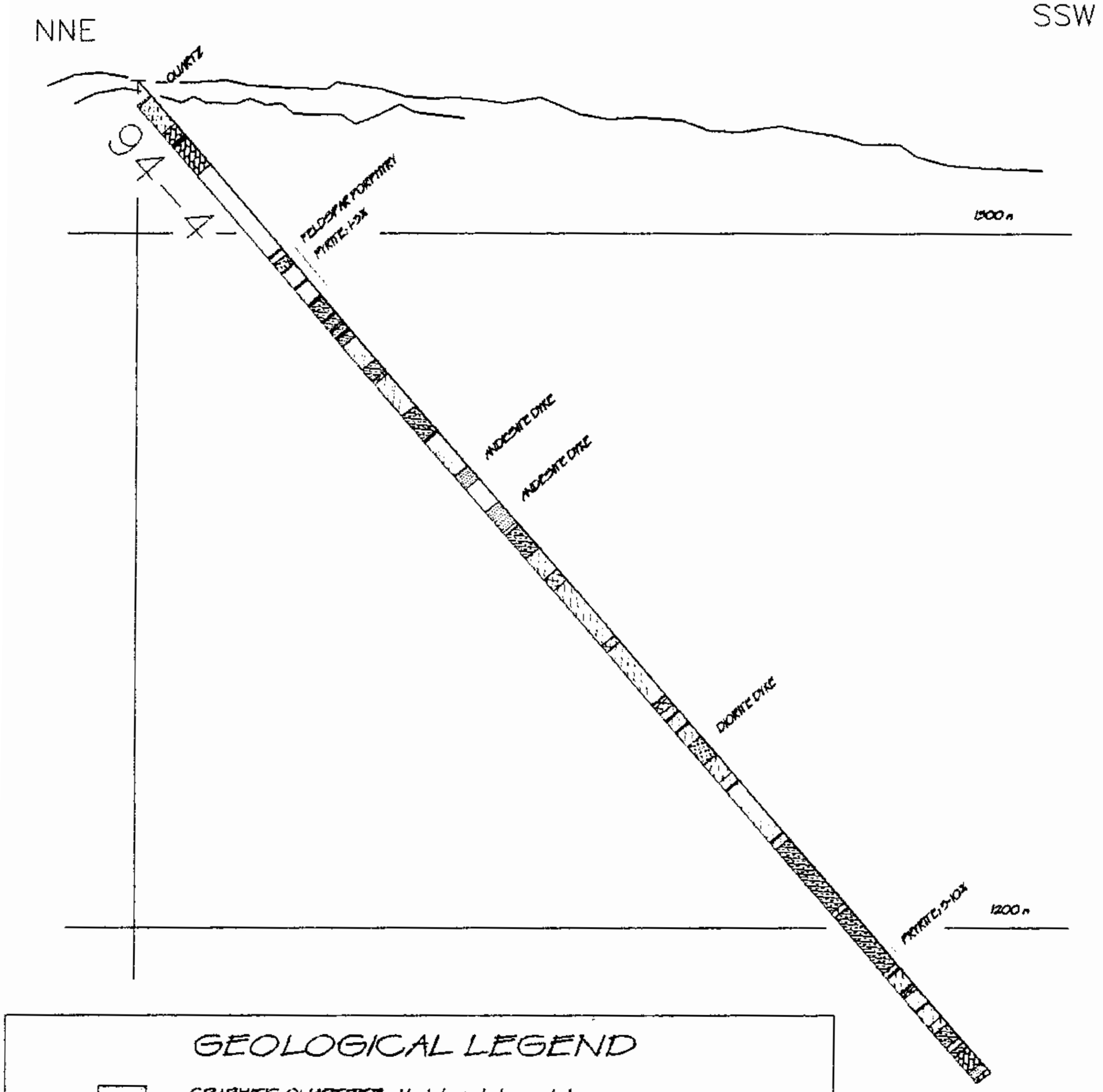
HOLE No. 94-5

Sheet 11 **of** 11

DEPTH	LITHOL	ALTERATION				STRUCT		Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES			SAMPLE BREAK	DESCRIPTION
		INT	EXT		PV	FRAC	VLTS					Mo	S			
	33							183.	49							Brown Basalt as above Greenst's 1ft of serpentinose calcareous greenstone
								183.	79							
610															80	
															81	Greenstone basalt fine grained, brownish when dry, black when wet. Randomly veined by 1/8 - 1/4" calcite stringers. All non magnetic Some fragments of variably textured basalt near bottom of hole.
															83	
620	33 EOH								188.	98						
630																
640																
650																
660																

Appendix II Diamond Drill Hole 94-4

CARAMELIA PROJECT   DDH 94-4   SAWTOOTH C.G.



GEOLOGICAL LEGEND

☐	GRAPHITIC QUARTZITE: black, laminated, crumpled
▨	GREENSTONE: tuffaceous, dark gray, massive to poorly-bedded
▨	GRAYWACKE: tuffaceous, gray, thin bedded
▨	LIMESTONE: mainly tuffaceous, rarely nearly pure, gray to light gray
▨	SERPENTINE: talcy, slickensided, light green, some mariposite
☐	QUARTZITE: relatively pure, banded, light gray to whitish
▨	BASALT: massive, fine grained, dark gray to black
▨	MAFIC DYKE: aphanitic to fine grained, dark gray to black
▨	FELSIC DYKE: fine to medium grained, light gray, diorite to feldspar porphyry
▨	FAULT OR FAULT ZONE: gouge, crushed and zones of broken rock

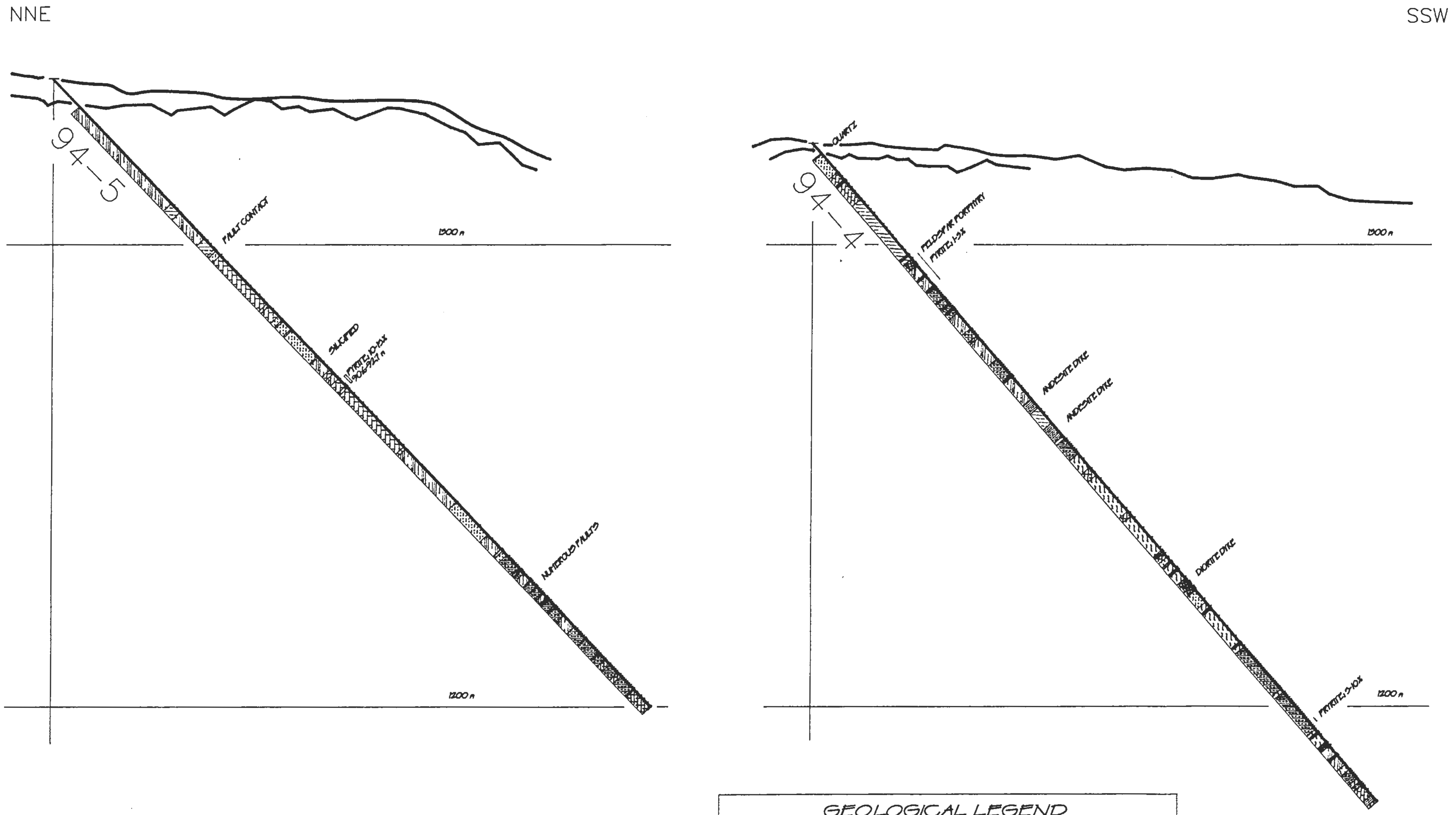
GOLD CITY MINING CORP.
VANCOUVER, BRITISH COLUMBIA

CARAMELIA PROJECT
Camp McKinney Property
Camp McKinney, B.C., NTS 82E3E

Drill Hole Cross Section
DDH 94-4
SCALE (metres)
0 10 20 30 40 50

JAN 24, 1995

DWG NO
S94-4



GEOLOGICAL LEGEND

▨	GRAPHITIC QUARTZITE; black, laminated, crumpled
▨	GREENSTONE; tuffaceous, dark gray, massive to poorly-bedded
▨	GRAYWACKE; tuffaceous, gray, thin bedded
▨	LIMESTONE; mainly tuffaceous, rarely nearly pure, gray to light gray
▨	SERPENTINE; talcy, slickensided, light green, some mariposite
▨	QUARTZITE; relatively pure, banded, light gray to whitish
▨	BASALT; massive, fine grained, dark gray to black
▨	MAFIC DYKE; aphanitic to fine grained, dark gray to black
▨	FELSIC DYKE; fine to medium grained, light gray, diorite to feldspar porphyry
▨	FAULT OR FAULT ZONE; gouge, crushed and zones of broken rock

GOLD CITY MINING CORP.
VANCOUVER, BRITISH COLUMBIA

CARAMELIA PROJECT
Camp McKinney Property
Camp McKinney, B.C, NTS 82E3E

Drill Hole Cross Section
DDH 94-4 and DDH 94-5

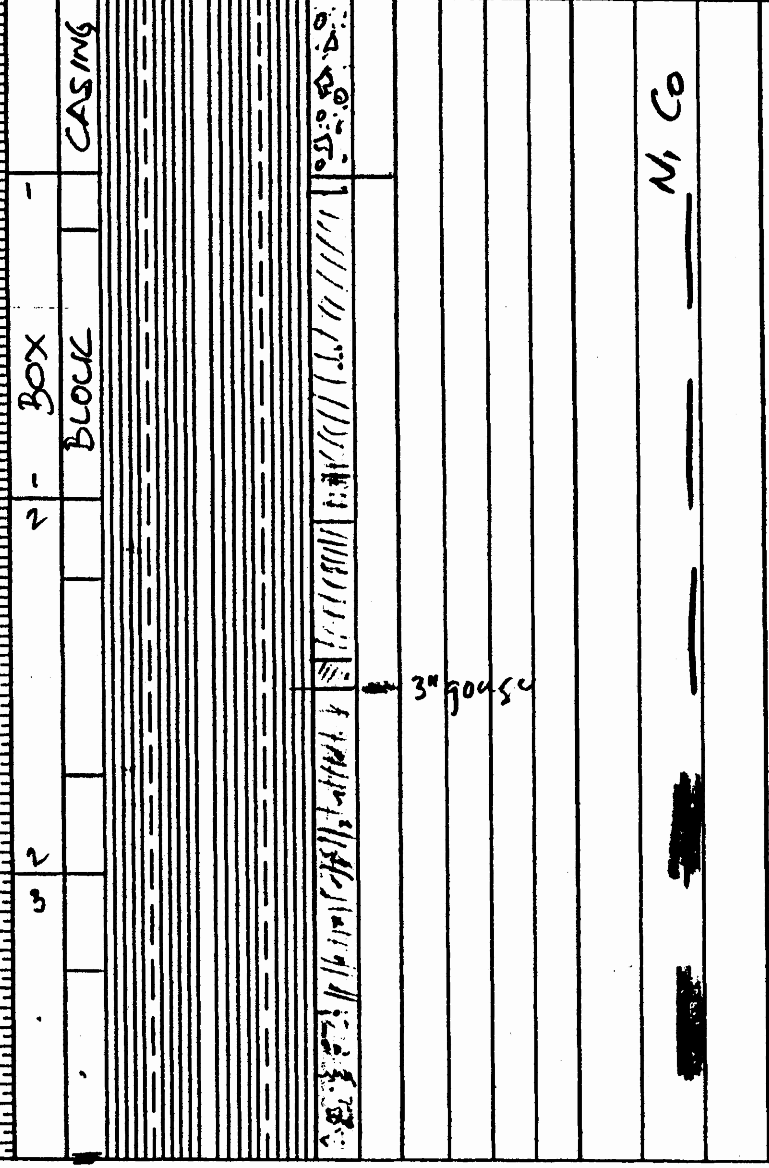
SCALE (metres)
0 10 20 30 40 50

JAN. 24, 1995
DWG NO

620' long
34 Boxes

SAWTOOTH
PROJECT CARAMELIA PROJ
Logged by CARL
Date 01-03DEC94
COORD: 81.2E
254.3S
BRG. 219
INCL. -45
COLLAR ELEV. 1322
NQ
HOLE No. 94-4
Sheet 1 of 11

DEPTH FEET	LITHOL	ALTERATION INT	EXT	PV	STRUCT FRAC	VLTS	Est. Mb Sulf	Cp SI Mag	Py	Mb	ANALYSES Mo	S		SAMPLE BREAK	DESCRIPTION



			Az	DIP	
OUBD	TESTS DOWN THE HOLE	165'	205°	-47	-45
		305'	205°	BAD	-47
		450'	204°	-52	-49
		615'	2070	-62	-52
					-51
					-49

Casing set to 9'
1ft Blue mottled quartz, minor sulphides if any

Calcareous graywacke: med gray layered siliceous rock, alternating bands light and dark gray 1/8-1" in width, nonmagnetic; minor limestone section 10" long at 25'
Fractures oxidized to 20'; probably fine dis grains and films py. on fractures, Rock broken at surface but recovery appears excellent

Limestone: Laminated to thin bedded gray limestone, alternating bands 1/8-1/2" of carbonate and carbonaceous material

Fault zone in limestone reduced rock to gouge dynamic alteration.
4 or 5 1/2"-1" bull white Qtz veins.

Quartzite - fine grained blue gray - massive textured - without graphitic silt or layers. Minor pyrite - very hard some veinlets quartz paralleling hole
mottled fabric

PROJECT ______ COORD: ______ BRG. ______ COLLAR ELEV. ______ HOLE No. 94-4

Logged by ______ INCL. ______

Date ______ Sheet 2 of 11

DEPTH	LITHOL	SAMPLE BREAK	DESCRIPTION
	3	88	
	4		Impure carbonaceous quartzite; gray irregularly laminated 1/8-1/4" layers of quartzite separated by thin wavy interlayers of graphite.
70		89	
			non magnetic - non calcareous
80	4		
	5	90	
90		91	
	5		gradational contact.
	6		
100		92	Quartzite, massive at bottom gray.
110		93	Feldspar porphyry dyke, med. grained, white rounded phenocrysts 1-3 mm in size, pyritic weakly to moderately magnetic.
	6		
	7		Graphitic quartzite, wavy banded, black non-magnetic. 2% diss pyrite grains - at very
120			

ALTERATION: INT | EXT | PV — STRUCT: FRAC | VLTS — Est. Mb Sulf — Cp Sl Mag — Py — Mb — ANALYSES: Mo | S

PROJECT CARAMELIA

COORD:

BRG.

COLLAR ELEV.

HOLE No. 94-4

Logged by

Date

INCL.

Sheet 3 of 11

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S		SAMPLE BREAK	DESCRIPTION
	7 150 ss0					qtz A&m	broken rock around gouge							94	Graphitic quartzite, black rock mottled with 25% dusty blue quartz, probably remobilized from quartzite, 1-3% disseminated pyrite
130	7					gougy rock								95	
	8														S Calcareous greenstone: soft whitish serpentinose & talcose, decomposed and incompetent rock prone to faulting and taking up movement.
140												Co		96	
												Ni			S Calcareous greenstone:
150	8 9													97	S Calcareous greenstone
160														98	Graphite, about 80% graphite 20% white quartz
	9 10					wx									
170														99	S Calcareous Greenstone Several gougy sections
180															

PROJECT CARAMELIA

Logged by

Date

COORD:

BRG.

INCL.

COLLAR ELEV.

HOLE No. 94-4

Sheet 3 of 11

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S	ANALYSES	SAMPLE BREAK	DESCRIPTION
												Ni Co		100	Basalt - gradational contact Graphitic quartzite, wavy bands of quartz and some irregular replacements of quartz Layering becoming thicker in places qtz remobilized to 2-3" - but generally 1/8" - 1/4".
	10 11														
190														101	
200														102	Calcareous greenstone, soft serpentinous & talcy. slickensided!
	11 12														
210														103	
220														104	
	12 13														
230														105	
240															

PROJECT CARAMELIA

COORD: ______ BRG. ______ COLLAR ELEV. ______ **HOLE No.** 94-4

Logged by ______

Date ______

INCL. ______

Sheet 5 of 11

DEPTH	LITHOL	ALTERATION INT	EXT	PV	STRUCT FRAC	VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	S	Au ppb	SAMPLE BREAK	DESCRIPTION
	13 14													106	Dyke, f.g. gray andesite like dyke v slight magnetic, quartz at bottom top is gradational.
250														107	Impure quartzite; dark gray fine grained quartzy rock hard – non-magnetic – non lim, – no graphitic partings. but black carbonaceous material homogenously intermixed with the quartz grains
260	14 15													108	Andesite dyke as above
270													26	109	
															Impure quartzite Greenstone f.g. greenish, general absence of calcite and quartz veinlets.
280	15 16											N. CO		110	G Calcareous greenstone, flow textured fine grained lim, non-magnetic, fresh mottled. gray and green
290	LOSS o.S.													111	S Serpentinous greenstone below fault soft talcose. one-half dozen ½" seams of muddy gouge.
300	R m														

PROJECT ____________________ COORD: __________ BRG. __________ COLLAR ELEV. __________ HOLE No. 94-4

Logged by ____________________

Date ____________________ INCL. __________

Sheet 6 of 11

DEPTH	LITHOL	ALTERATION			STRUCT		Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES			SAMPLE BREAK	DESCRIPTION
		INT	EXT	PV	FRAC	VLTS					Mo	S	Au ppb		
	17													112	S Serpentinous Calcareous Greenstone
															Basalt - Calcareous greenstone
310														113	
															S Serpentinous calcareous greenstone light gray green, mottled textured generally sheared, serpentinine rock. incompetent sheared in several places little quality would not maintain a fracture for quality to fill
320	17 18											Ni-Co		114	
330														115	
340	19 Loss 1.0'												42	116	
															Basalt Greenstone Unit, fine grained, speckled gray-purple basaltic rock, non magnetic
350	19. 20													117	Serpentine calcareous greenstone S slickensided, as above - homogeneous
360															

PROJECT CARAMELIA

Logged by

Date

COORD:

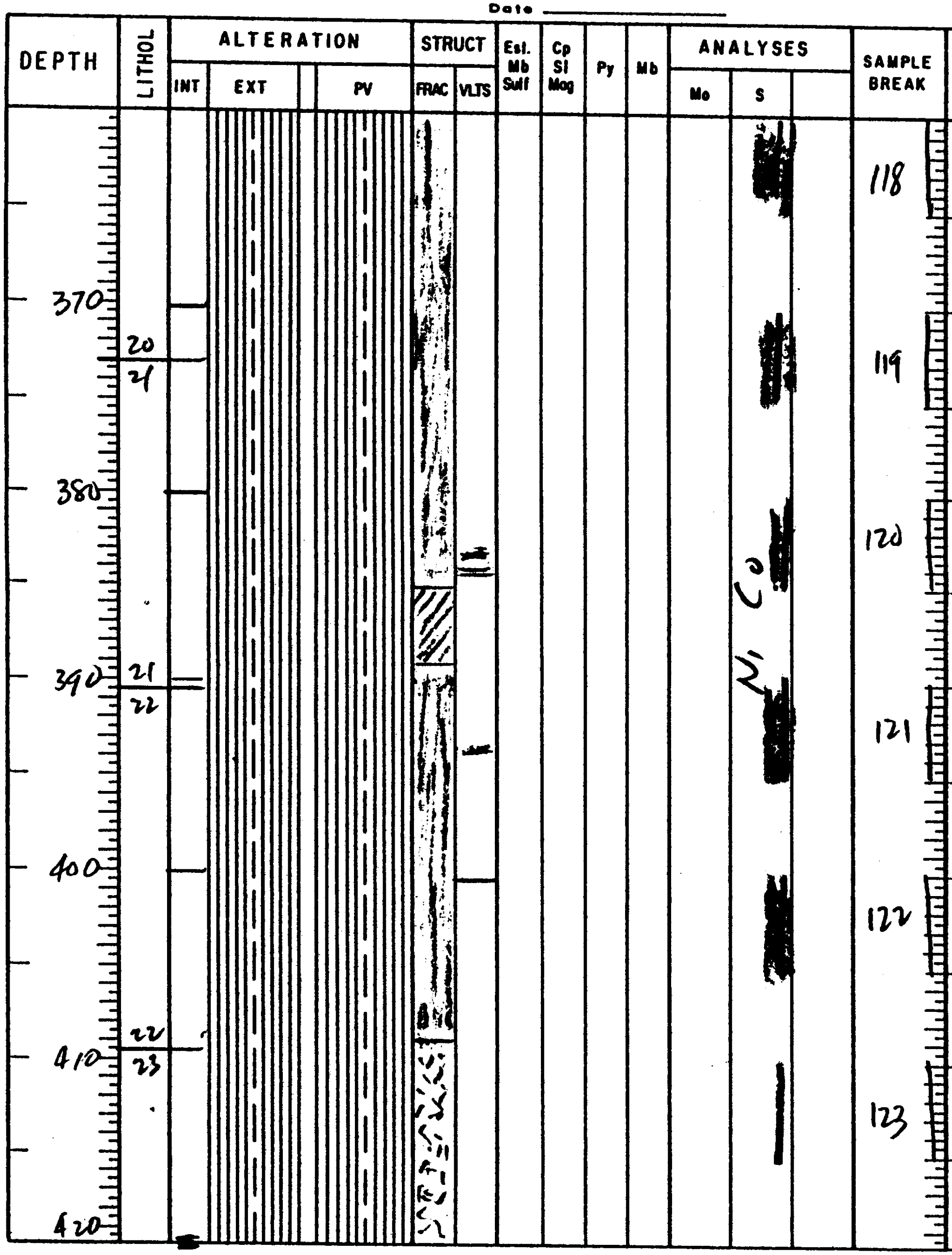
BRG.

INCL.

COLLAR ELEV.

HOLE No. 94-4

Sheet 7 of 11



DESCRIPTION

Serpentinic calcareous greenstone - uniform as above

Basalt - fine to med. grained, non-magnetic gray speckled basaltic rock. Probably part of unit that was not dynamically metamorphosed to serpentine.

Serp.

Diorite Dyke gray, med-grained, non-magnetic 70% white feldspar remainder hornblende finegrained at upper contact, chilled aphanitic texture at bottom

PROJECT ______

Logged by ______

Date ______

COORD: ______

BRG. ______

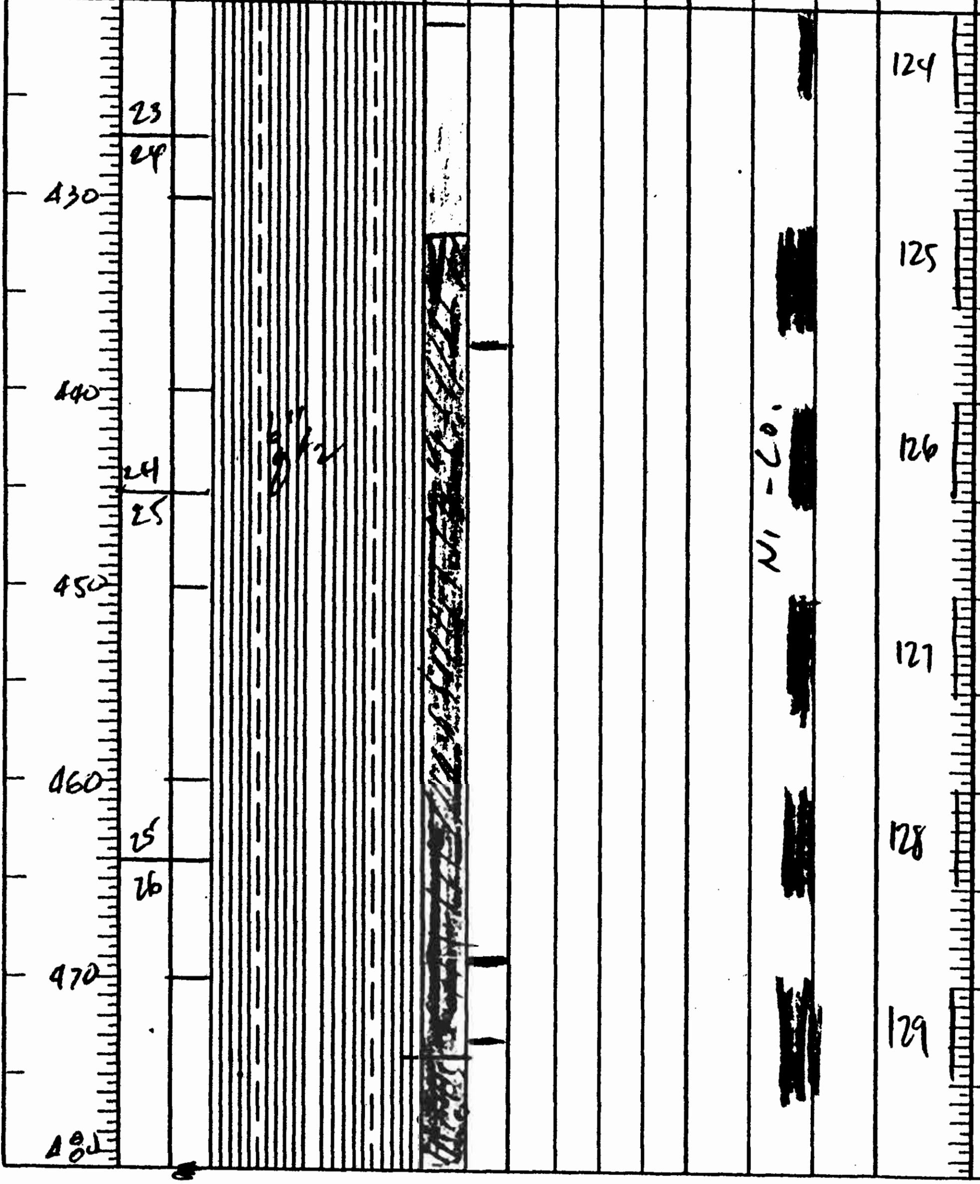
INCL. ______

COLLAR ELEV. ______

HOLE No. 94-4

Sheet 8 of 11

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Si Mag	Py	Mb	ANALYSES Mo	ANALYSES S	SAMPLE BREAK	DESCRIPTION



Siltstone, graywacke. light gray aphanitic w/ fine grained pyritic siltstone ramified. with irregular white bull quartz. non-magnetic.

Serpentinose calcareous greenstone. As before - talcy. uniform, greenish coloured & non-magnetic

Serp.

Serpentine.

Calcareous greenstone.

G Occasional irregular quartz veinlets & carbonate in rock.

PROJECT ____________________ COORD: ____________ BRG. ____________ COLLAR ELEV. ____________ HOLE No. 94-4

Logged by ____________
Date ____________
INCL. ____________
Sheet 9 of 11

DEPTH	LITHOL	ALTERATION INT	EXT	PV	STRUCT FRAC	VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	S		SAMPLE BREAK	DESCRIPTION
	26 27													130	G Greenstone, irregular masses of remobilized quartz,
490														131	
500	27 28													132	Greenstone irregular masses of remobilized quartz.
510	28 29													133	Serpentine
520														134	G Light gray [illegible] qtz veinlets and groups of [illegible] more [illegible] matrix [illegible] grained gray green and lenis — non magnetic
530	29 30													135 136	
540															

PROJECT ____________ COORD: ____________ BRG. ____________ COLLAR ELEV. ____________ **HOLE No.** 94-4

Logged by ____________
Date ____________
INCL. ____________
Sheet 10 of 11

DEPTH	LITHOL	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S	SAMPLE BREAK	DESCRIPTION
										137	G Brecciated blue quartz with 5-10% pyrite along a central breccia
										138	
550									Ni Co		
	30 31									139	S Serpentine. Altered carbonaceous greenstone, dense - non magnetic dark gray green in color
560											
				2"	gouge					140	
											Basalt, fine grain, gray-purple basalt Gradational contact
570											
	31 32									141	Graphitic quartzite, black, crenulated non magnetic - 1% fine pyrite
580											
										142	
			585								S. Serpentinized calcareous greenstone homogeneous, gray green, talcose gradational contact
			589.5								
590	32 33									143	Greenstone, andesite - mottled texture
			596								
600											Graphitic quartzite, broken up texture

PROJECT ______________________________

Logged by ______________________________

Date ______________________________

COORD: ______________________________

BRG. ______________________________

INCL. ______________________________

COLLAR ELEV. ______________________________

HOLE No. 94-4

Sheet 11 of 11

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT		ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S		SAMPLE BREAK
							601		minor				[illegible]		
							604								144
	33														
610	34														
							614								145
							618								146
620	34 EOH														
630															
640															
650															
660															

DESCRIPTION

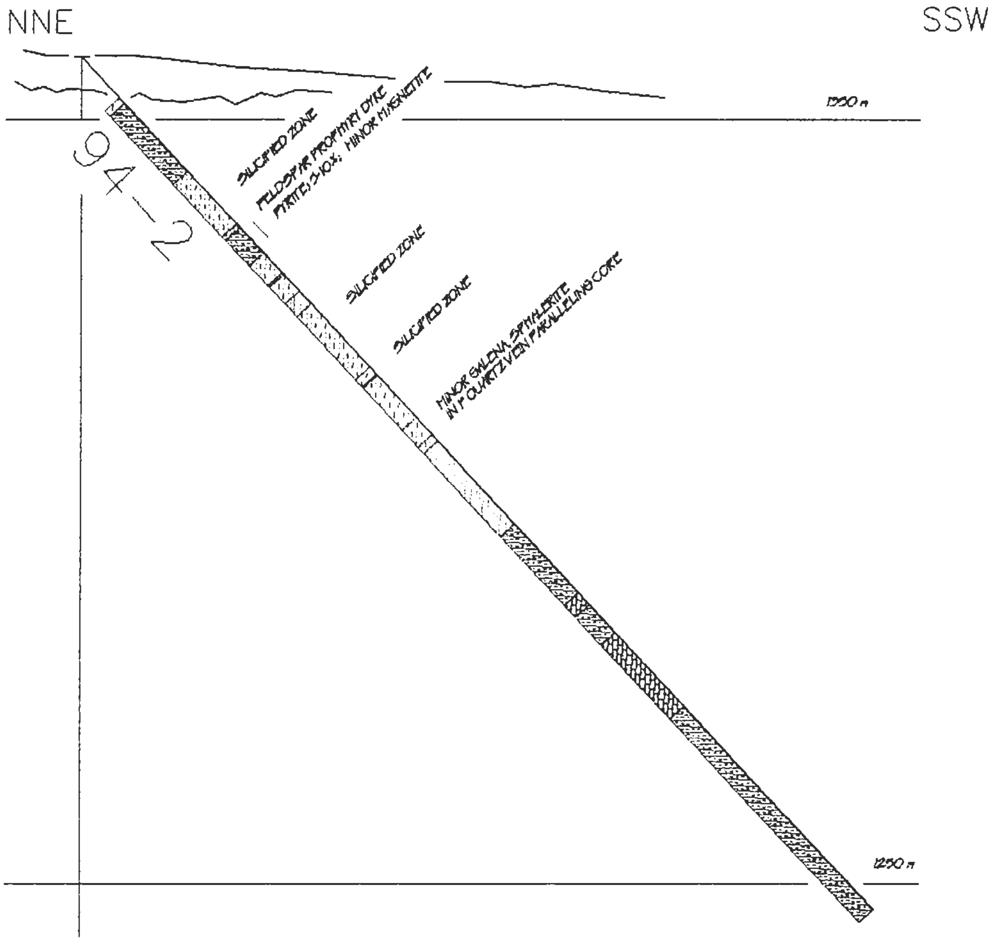
9" Mottled blue gen[illegible] at 603'

Limestone: gray, laminated bedding
Small 'Z' shaped drag fold
alternating pieces of white carbonate and
darker non-fizzing rock being gray wacky, 50:50
Bands ≥ 1/8"

Dyke, andesite, med gray green fine grane
sharp chilled contacts - moderately magnetic

Limestone at hole bottom
7' of box is empty.
ie hole was stopped before box was filled

Appendix III Diamond Drill Hole 94-2



GEOLOGICAL LEGEND

▭	*GRAPHITIC QUARTZITE; black, laminated, crumpled*
▨	*GREENSTONE; tuffaceous, dark gray, massive to poorly-bedded*
▭	*GRAYWACKE; tuffaceous, gray, thin bedded*
▩	*LIMESTONE; mainly tuffaceous, rarely nearly pure, gray to light gray*
▭	*SERPENTINE; talcy, slickensided, light green, some mariposite*
▭	*QUARTZITE; relatively pure, banded, light gray to whitish*
▦	*BASALT; massive, fine grained, dark gray to black*
▦	*MAFIC DYKE; aphanitic to fine grained, dark gray to black*
▩	*FELSIC DYKE; fine to medium grained, light gray, diorite to feldspar porphyry*
▨	*FAULT OR FAULT ZONE; gouge, crushed and zones of broken rock*

GOLD CITY MINING CORP.
VANCOUVER, BRITISH COLUMBIA

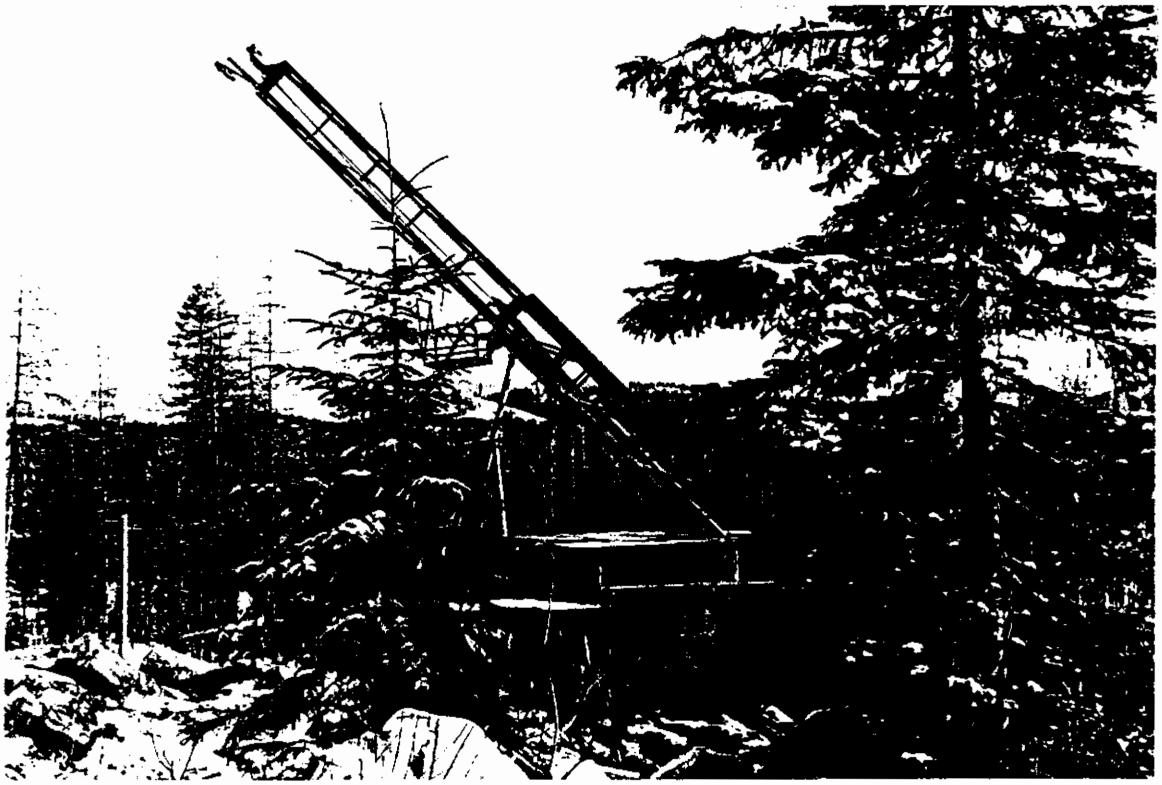
CARAMELIA PROJECT
Camp McKinney Property
Camp McKinney, B.C. NTS 82E3E

Drill Hole Cross Section
DDH 94-2

SCALE (metres)
0 10 20 30 40 50

JAN 24, 1995

DWG NO
S94-2



CARAMELIA PROJECT DDH 94-2 MAPLE LEAF C.G.

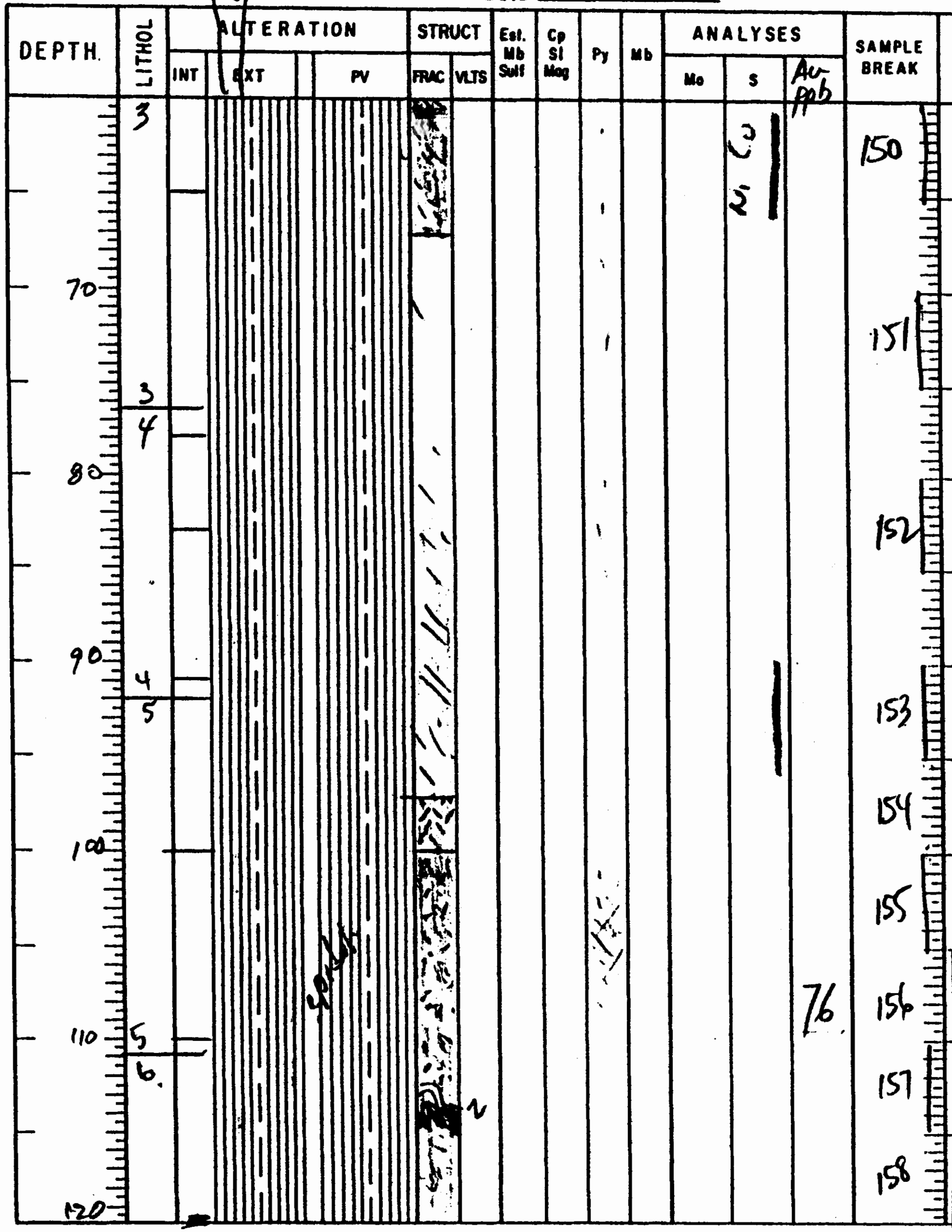
PROJECT CARAMELIA PROJ COORD: 787W 32 S BRG. 202 COLLAR ELEV. +22m 130 HOLE No. 94-2

MAPLE LEAF Logged by CALL Date 04-06 DEC, 94 INCL. -45 NQ Sheet 1 of 9

DEPTH FEET	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S	SAMPLE BREAK	DESCRIPTION
10	CASING													TESTS DOWN-THE-HOLE Az° Dip 160 156° -47° 350 163° - 48° 500 187° - 49° 47.2 OUBD.
20														
30	1 BOX	BLOCK									Ni Co		147	Graywacke: light gray, fine grained to aphanitic massive, no calcite stringers contact at block Calcareous Greenstone: medium grained, gray green looking greenstone very steep 75° wrt core axis layering. pebbly core at 33'
40	1 2		2" qtz										148	2" qtz, white bull qtz at 39.5' oxidation on fractures down to 40' about 1% fine dissem pyrite, in general.
50	Loss 0.3'												149	Texture changes to mottled quartz, calcite calcareous greenstone, non magnetic black, hard rock, excellent recovery
60	2													

PROJECT ______ COORD: ______ BRG. ______ COLLAR ELEV. ______ **HOLE No.** 94-2

Logged by ______ Date ______ INCL. ______ Sheet 2 of 9



DESCRIPTION

Calcareous greenstone, as above
Excellent recovery

Graywacke - siltstone; probably tuffaceous
fine grained, light gray mixed aphyric
porphyritic, generally andesite in composition
has fine quartz & calcite fractures at
6" to 8" intervals. non-magnetic
minor pyrite; massive at top. becoming
laced with white quartz, calcite veinlets
downwards.

3" qtz start at 89.

10" qtz start at 91.5

Lightgray - feldspar porphyry dyke, med grained

Silicified greenstone: mottled texture

Pyritic - pyrrhotite section, one piece of core
with pyrr at 106 is strongly magnetic, 10% py pyrr overall
sulphides associated with a pistachio green
epidote alteration

Z shaped drag folds in section of graphitic quartzite

Silicified greenstone: mottled texture
Med to dark gray, generally well silicified

PROJECT CALAMECIA　　COORD:　　BRG.　　COLLAR ELEV.　　**HOLE No.** 94-2

Logged by　　Date　　INCL.　　Sheet 3 of 9

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S	ANALYSES Au ppb.	SAMPLE BREAK	DESCRIPTION
														159	Tuffaceous graywacke: light gray, massive non-magnetic
	6 7														Calcareous greenstone: aphanitic to fine grained light gray green, one or two wide spaced white qtz veinlets to 1/4" thickness non magnetic.
130													52	160	
140															Graphitic quartzite: irregularly silicified mottled with remobilized broken up quartz
	7 8		Epidote											161	
150												Ni Co		162 163	Graywacke - tuffaceous highly silicified and upper portion is epidotized - pistachio green laminated alteration in graywacke. pyrite disseminated irregular - maybe 4-5% in general, locally heavier along quartz veinlets. Strong silicification seeing in upper part of this graywacke section.
160	8 9													164 165	Becoming a little talcy but not yet serpentine (soft, scratches with a knife, veinlets of quartz and calcite
170														166	Fine grained red gray faintly banded in thin hair line laminations
180	9														

PROJECT CARAMELIA

COORD:

BRG.

COLLAR ELEV.

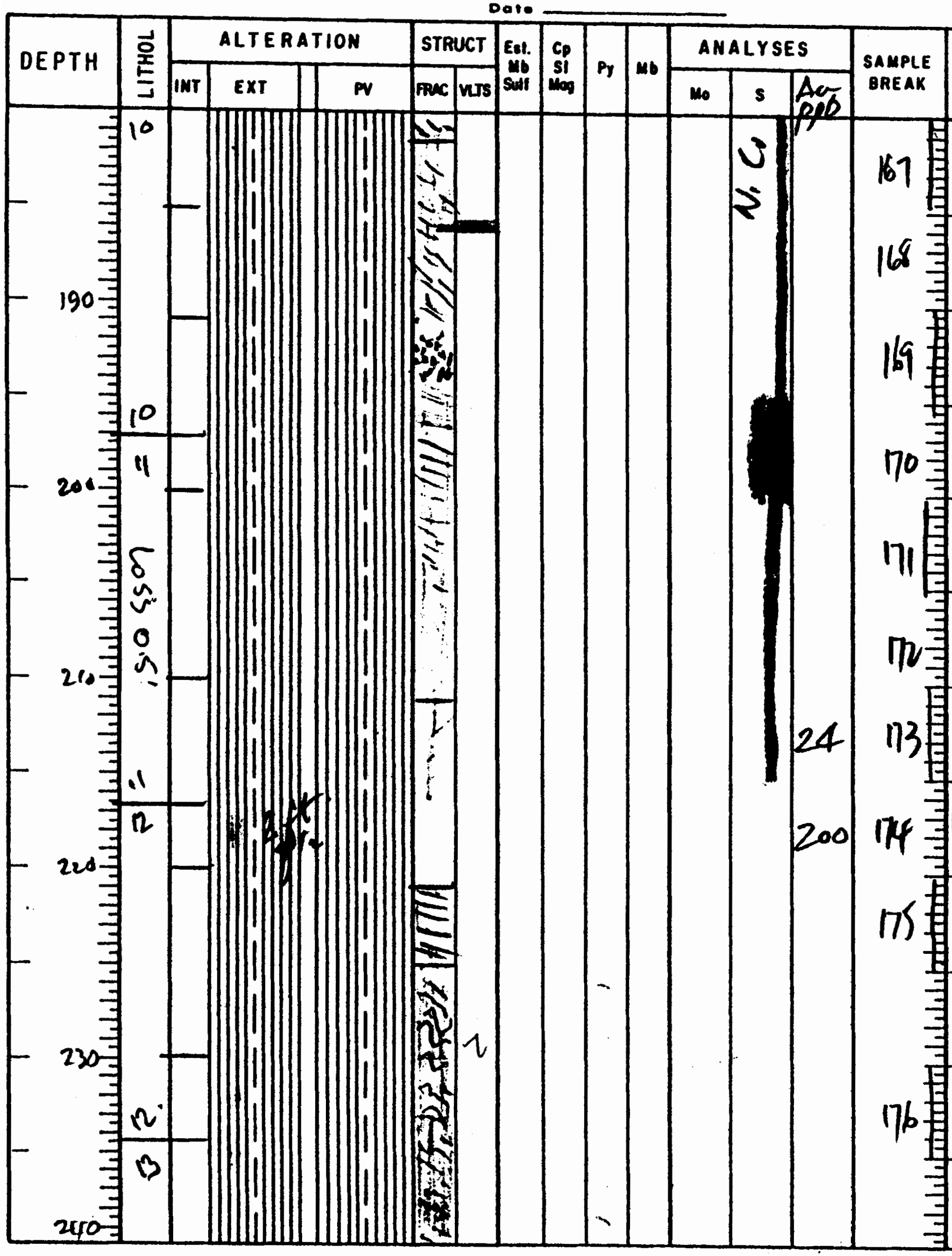
HOLE No. 94-2

Logged by

Date

INCL.

Sheet 4 of 9



DESCRIPTION

Brecciated Silicified Graywacke: quartz has been comminuted up into pea-sized grains probably due to fault

Peculiar mottled, almost vesicular or amygdular fabric. pyrite generally less than 0.5%.

Graywacke becomes massive towards the bottom of this section

Felsitic tuff: light green, aphanitic to fine grained. 1/8" to 1/2" qtz veinlet parallels core, and in it is several large 1/2" sized crystals of galena & associated 1/2" sized crystals of sphalerite. Rock is greenish maybe epidotized

Graywacke.

Graphitic quartzite

Z shaped dragfolds
recrystallized quartz graphitic
laminated, 1/8 - 1/16" layered quartz graphite.
non magnetic, non calcareous

PROJECT ______ COORD: ______ BRG. ______ COLLAR ELEV. ______ **HOLE No.** 90-2

Logged by ______

Date ______

INCL. ______

Sheet 5 of 9

DEPTH	LITHOL	ALTERATION				STRUCT		Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES			SAMPLE BREAK	DESCRIPTION
		INT	EXT		PV	FRAC	VLTS					Mo	S			
	13														177	Graphitic quartzite: as above. about 50:50 quartzite, graphite, abundant graphite slips, about 10% fracture coating pyrite generally. 8" brecciated bluish quartz.
250	13 14														178	Core broken up for 1' in box
260															179	core broken up for 2' in box
	14 15															
270															180	Gradational Contact Calcareous greenstone: fine grained mottled alternating gray green irregularly layered 85% greenstone bands 15% carbonate - non magnetic negligible quartz. very little pyrite
280													Ni Cu		181	
	15 16															
290															182	
300																

PROJECT ______________ COORD: ______________ BRG. ______________ COLLAR ELEV. ______ HOLE No. 94-2

Logged by ______________

Date ______________

INCL. ______________

Sheet 6 of 9

DEPTH	LITHOL	SAMPLE BREAK	DESCRIPTION
	16	183	**Calcareous greenstone:** as above.
	17		
310			Gradational contacts
		184	
			Limestone: tuffaceous limestone, laminated 50/50 tuff : carbonate gradational contacts
320			**Calcareous Greenstone** tuffaceous rock rather than a basalt, laminated at wide intervals by bands of white carbonate. non magnetic
	17 18	185	
330			
		186	
			Gradational contacts
340	18		**Tuffaceous limestone:** gray. beds deformed as if during soft sediment deformation, crumpled and crenulated non magnetic, pyrite < 0.5%
	19	187	
350			
		188	
360			

PROJECT ______ COORD: ______ BRG. ______ COLLAR ELEV. ______ HOLE No. 94

Logged by ______ Date ______ INCL. ______ Sheet 7 of 9

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S		SAMPLE BREAK	DESCRIPTION
	20													189	Tuffaceous limestone mottled – generally fine grained pyrite, < 0.5%
370														190	
	20														Grading to Calcareous Greenstone:
380	21											Ni Co		191	abundandant layers, or bands, of white coarse grained white calcite, probably remobilized calcite. pyrite < 0.5%
390														192	
	21														
400	22													193	
410														194	
	22														
420	23														

These rocks are calcareous tuffs gradational to tuffaceous limestone.

PROJECT ______

COORD: ______

BRG. ______

COLLAR ELEV. ______

HOLE No. 94-2

Logged by ______

Date ______

INCL. ______

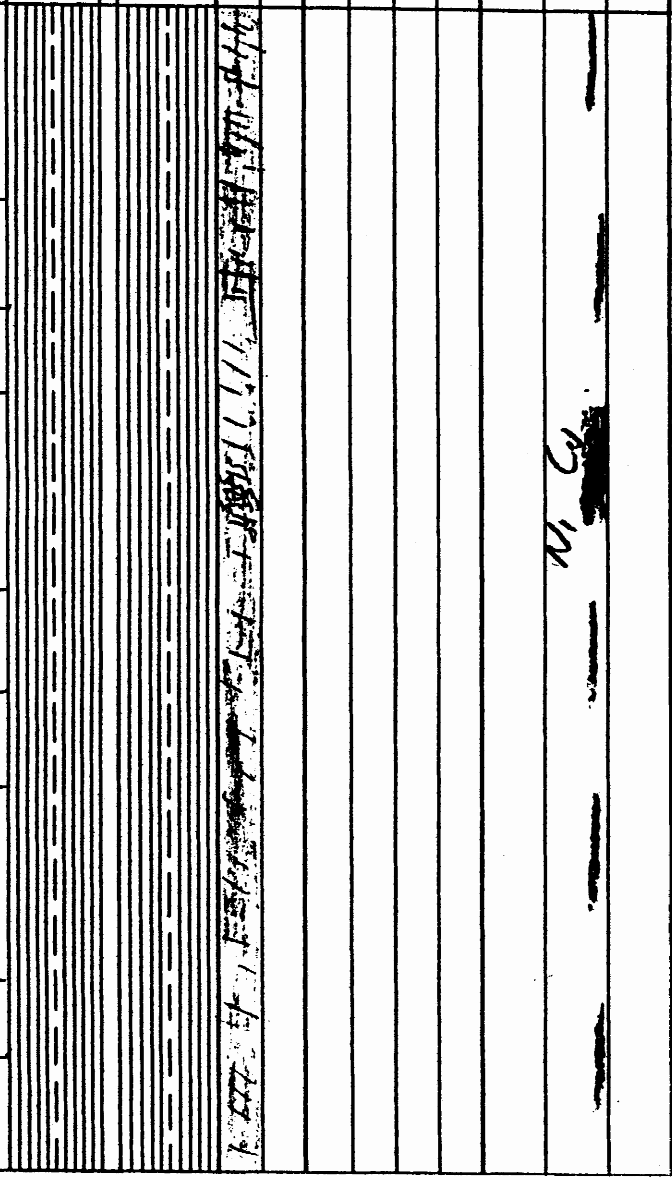
Sheet 8 of 9

DEPTH	LITHOL	ALTERATION			STRUCT		Est. Mb Sulf	Cp St Mag	Py	Mb	ANALYSES		SAMPLE BREAK	DESCRIPTION
		INT	EXT	PV	FRAC	VLTS					Mo	S		

DEPTH: 430, 440, 450, 460, 470, 480

LITHOL:
Loss 0.5'
23
24
Loss 0.5'
24
25
25.
26

SAMPLE BREAK: 195, 196, 197, 198, 199, 200



Calcareous greenstone:
dark grey green, fine grained limy tuffaceous rock - non magnetic - less than 0.5% pyrite, mainly on fractures

Bull quartz vein: 2½' long. brittle, coarse grained

Becoming more limy with depth in this section.

Becoming also more massive bedded. ie; not well laminated.

Calcareous greenstone -
Calcareous tuff - poorly bedded, but abundant bedding features
competent - repetitive 10' pulls
NO indication of any core loss.

PROJECT CARAMELIA

COORD:

BRG.

COLLAR ELEV.

HOLE No. 94-2

Logged by

Date

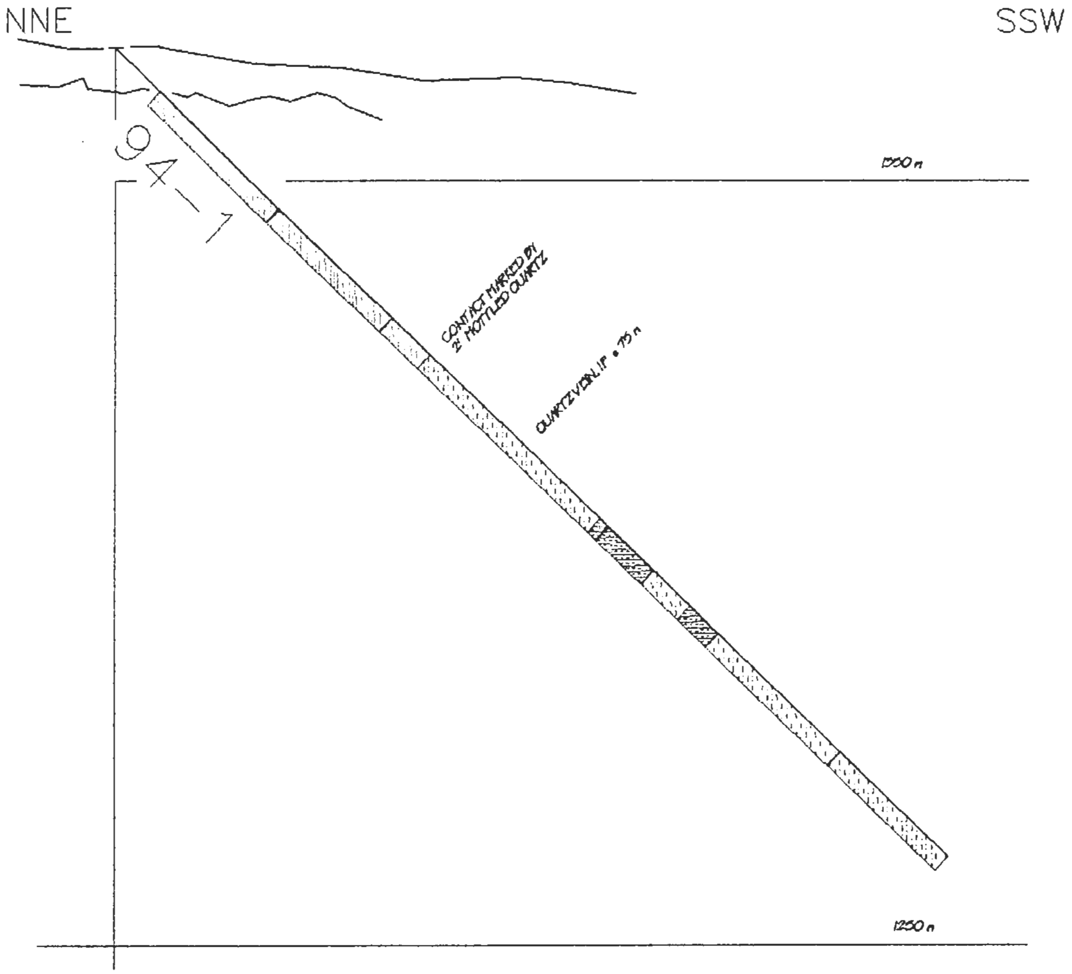
INCL.

Sheet 9 of 9

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S	ANALYSES	SAMPLE BREAK	DESCRIPTION
	26				[illegible]							Ni Cu.		201	<u>Calcareous</u> greenstone tuff. minor, incipient looking fault Minor pyrite. fine grained gray green tuffaceous rock laid down in the sea as an ash fall tuff.
490	27													202	minor fault
														203	End of Hole is in 6" of broken rock
500	EOH														
510															

Appendix IV Diamond Drill Hole 94-1

CARAMELIA PROJECT   DDH 94-1   MAPLE LEAF C.G.



GEOLOGICAL LEGEND

- ▭ *GRAPHITIC QUARTZITE; black, laminated, crumpled*
- ▨ *GREENSTONE; tuffaceous, dark gray, massive- to poorly-bedded*
- ▒ *GRAYWACKE; tuffaceous, gray, thin bedded*
- ⊠ *LIMESTONE; mainly tuffaceous, rarely nearly pure, gray to light gray*
- ▒ *SERPENTINE; talcy, slickensided, light green, some mariposite*
- ▭ *QUARTZITE; relatively pure, banded, light gray to whitish*
- ▒ *BASALT; massive, fine grained, dark gray to black*
- ▦ *MAFIC DYKE; aphanitic to fine grained, dark gray to black*
- ▩ *FELSIC DYKE; fine to medium grained, light gray, diorite to feldspar porphyry*
- ▨ *FAULT OR FAULT ZONE; gouge, crushed and zones of broken rock*

GOLD CITY MINING CORP.
VANCOUVER, BRITISH COLUMBIA
CARAMELIA PROJECT
Camp McKinney Property
Camp McKinney, B.C., NTS 82E3E
Drill Hole Cross Section
DDH 94-1
SCALE (metres)
0 10 20 30 40 50

JAN 24, 1995

DWG NO
S94-1

ORDER OF DRILLING HOLES 94-5, 94-4, 94-2, 94-1, 94-3, 94-6, 94-7

GOLD CITY MINING.
CAMP MCKINNEY, BC

ELEVATIONS RELATIVE TO
COLLAR OF HILL-STARCK SHAFT
BY ALTIMETER READING DIGITALLY
TO 1 METRE (SHAFT ELEV 1338m)

PROJECT CARMELIA PROJ.
MAPLE LEAF
Logged by CARL
Date 07-08 DEC 94

COORD: 945 W
33 S

BRG. 203°
INCL. -45°
NQ

COLLAR ELEV. +36
1374m

HOLE No. 94-1
Sheet 1 of 9

DEPTH FEET	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S		SAMPLE BREAK	DESCRIPTION
															TESTS DOWN-THE-HOLE
10	CASING														OVED
20															
	1														Core badly broken to 40'; oxidized to 45.
30		BLOCK												204	Carbonaceous quartzite, striped white and black, crumpled and crenulated layering 1/8" to 1/2" alternating bands white quartzite and graphite non magnetic 2" qtz vein @ 35' generally 1% diss py. or less.
40	BOX 0.1 .0.1 SSOT														
	1													205	
	2														
50														206	
60							Minor								Minor graphitic crush zone

	AZ			
160'	181	-60°? X	45	
370'	181	-44	45	
500'	181	-42	44	44
			42	

PROJECT CARAMELIA

COORD:

BRG.

INCL.

COLLAR ELEV.

Logged by

Date

HOLE No. 94-1

Sheet 2 of 9

DEPTH	LITHOL	ALTERATION				STRUCT		Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES			SAMPLE BREAK	DESCRIPTION
		INT	EXT		PV	FRAC	VLTS					Mo	S			
													Ni, Co		207	<u>Graphitic quartzite</u>: black and white thinly laminated, crumpled and crenulated, non magnetic, generally 1% or less dissem pyrite. About one-half of box 3 is broken up (88 - 68.5 = 21.5') probably a couple of feet core loss in Box 3. Probably lost between 67' and 80'
	2 3															
70																
	Loss 2.1'														208	Between blocks 70' & 80' there is only 5' of core box occupied and half of this is broken
80																
															209	
	3 4															
90																As above
															210	Several shiny black graphitic slickensides
100																8" comminuted rock in box, not gouge
	4 5														211	
110																
															212	
120																

PROJECT CARAMELIA

Logged by

Date

COORD:

BRG.

INCL.

COLLAR ELEV.

HOLE No. 94-1

Sheet 3 **of** 9

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Si Mag	Py	Mb	ANALYSES Mo	ANALYSES S	ANALYSES	SAMPLE BREAK	DESCRIPTION
	5 6														
														213	Graphitic Quartzite: as previously Core continuous & now in sections up to 3' long. Better if not perfect recovery in this box
130															
														214	1-2% pyrite in the graphitic layers. Less ? fracture or slip plane pyrite.
															Tight crumpling
140	6 7														
														215	
														216	6" vuggy, permeable looking quartzy rock: vugs lined with tiny quartz crystals
150															
														217	Rock as above
	7 8														
160															
														218	Rock as above Box 8 broken up pretty good, heavy graphite but not gouge.
170	8 9														
															Graphitic quartzite.
														219	
180															3" white qtz vein sub-parallel with core

PROJECT CARAMELIA

Logged by

Date

COORD:

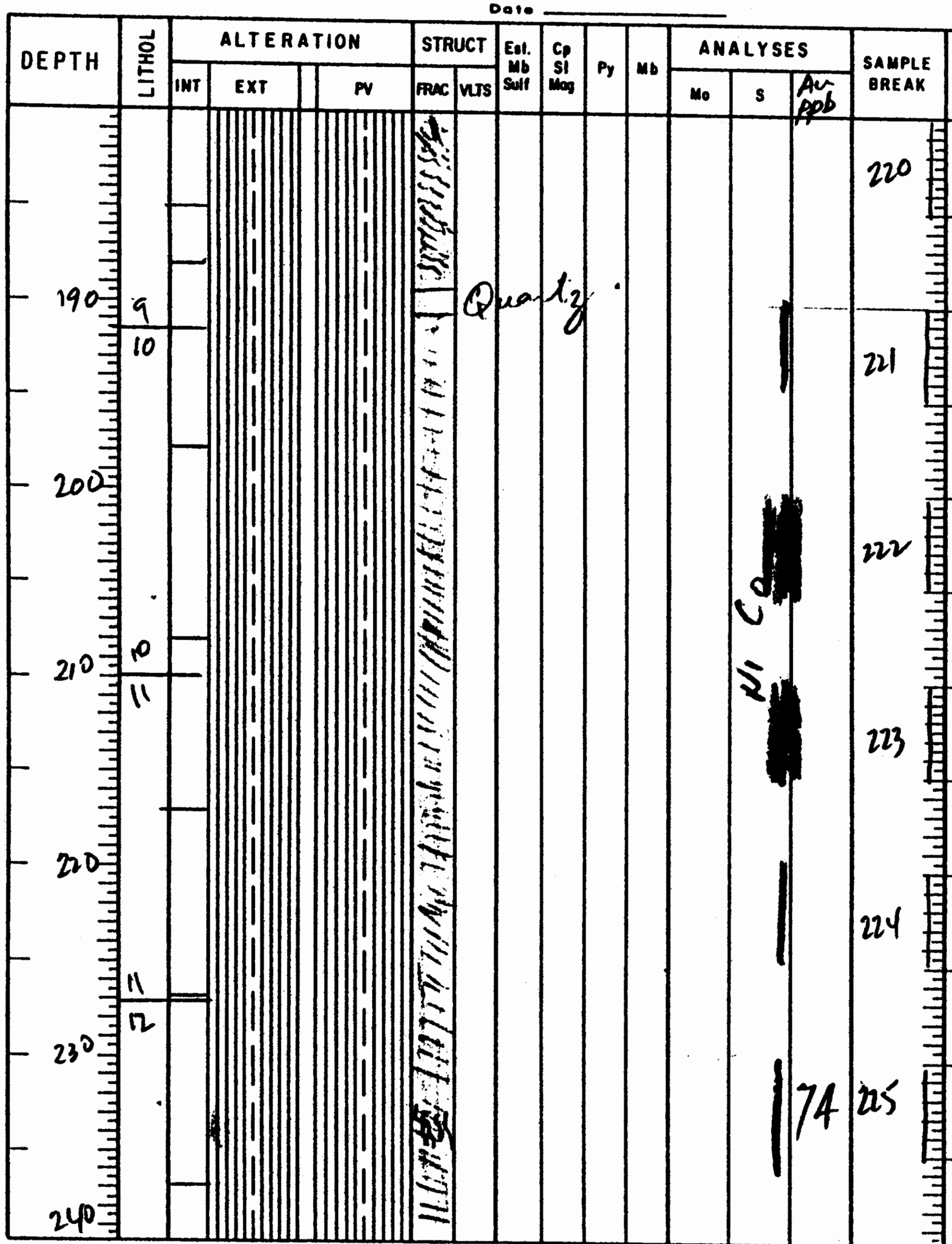
BRG.

INCL.

COLLAR ELEV.

HOLE No. 94-1

Sheet 4 of 9



DESCRIPTION

1½' of frag. grained gray-green homogeneous rock at 185 like a hard siliceous quartzite

2' mottled rehealed blue quartz breccia in bottom of box. Sulphides not evident

<u>Calcareous Graywacke</u>: med. gray, fine to medium grained, laced with small calcite veinlets some quartz, non-magnetic

Section is fairly massive in fabric

A tuffaceous graywacke, fine tuff-like [illegible] evident

6" calcite @ 222'

6" calcite @ 223'

2' course grained white calcite at 235 to 237'

PROJECT CARAMELIA

Logged by

Date

COORD:

BRG.

INCL. -45

COLLAR ELEV.

HOLE No. 94-1

Sheet 5 of 9

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S	SAMPLE BREAK	DESCRIPTION
													226	Calcareous tuffaceous Graywacke: gray to black, laminated finely, tuffaceous bedding. non magnetic, occasional cg calcite stringers to ½, less than 0.5% diss pyrite, relatively unaltered, fresh, looking rock.
	12													
	13													
250														
													227	
260														
												N. Co	228	As above.
	14.													
270														
													229	Calcareous tuffaceous graywacke: as above.
280														
	14													
	15												230	Gradational Contact.
290														
													231	Calcareous tuffaceous greenstone: gray green - fine to med grained tuffaceous volcanic rock, mottled texture none magnetic. Tuffaceous sedimentary layering. Minor pyrite
							4" gouge							
300														

PROJECT CARAMELIA

COORD: ______ BRG. ______ COLLAR ELEV. ______ **HOLE No.** 94-1

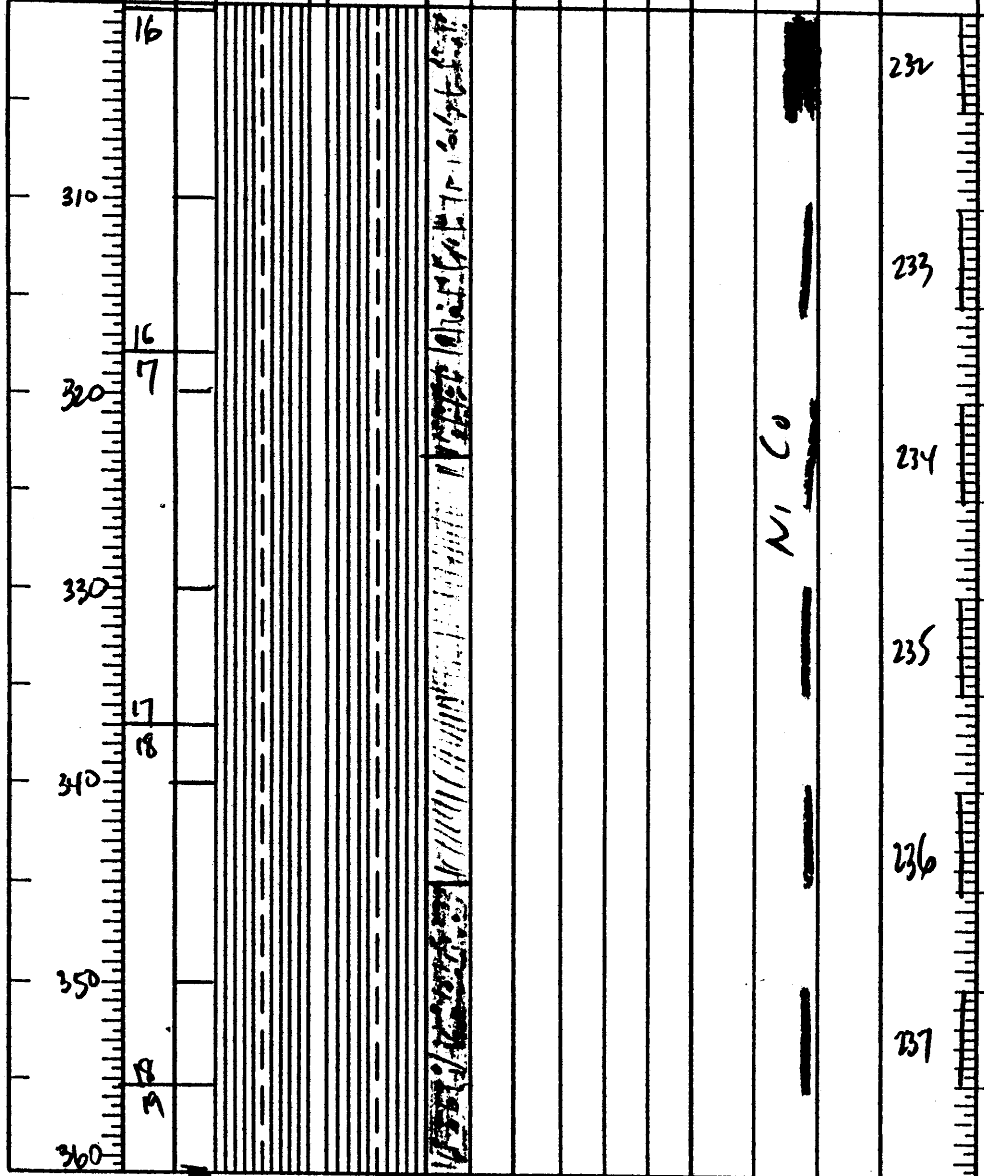
Logged by ______

Date ______

INCL. ______

Sheet 6 of 9

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S		SAMPLE BREAK	DESCRIPTION



Calcareous tuffaceous Greenstone:
same as previous, minor pyrite
2 or 3 1"-2" quartz veinlets
inhomogeneous & mottled texture

3" irregular quartz remobilized

Gradational Contact

Calcareous tuffaceous Graywacke:
gray green, fine to medium grained, well bedded, unaltered and fresh. non magnetic. weakly limy.

Gradational Contact

Calcareous tuffaceous greenstone
dark gray green, mottled texture. not distinctively laminated, minor pyrite, sections near bottom of box are soft but not talcy nor serpentinous

PROJECT CARDMELIA

Logged by

Date

COORD:

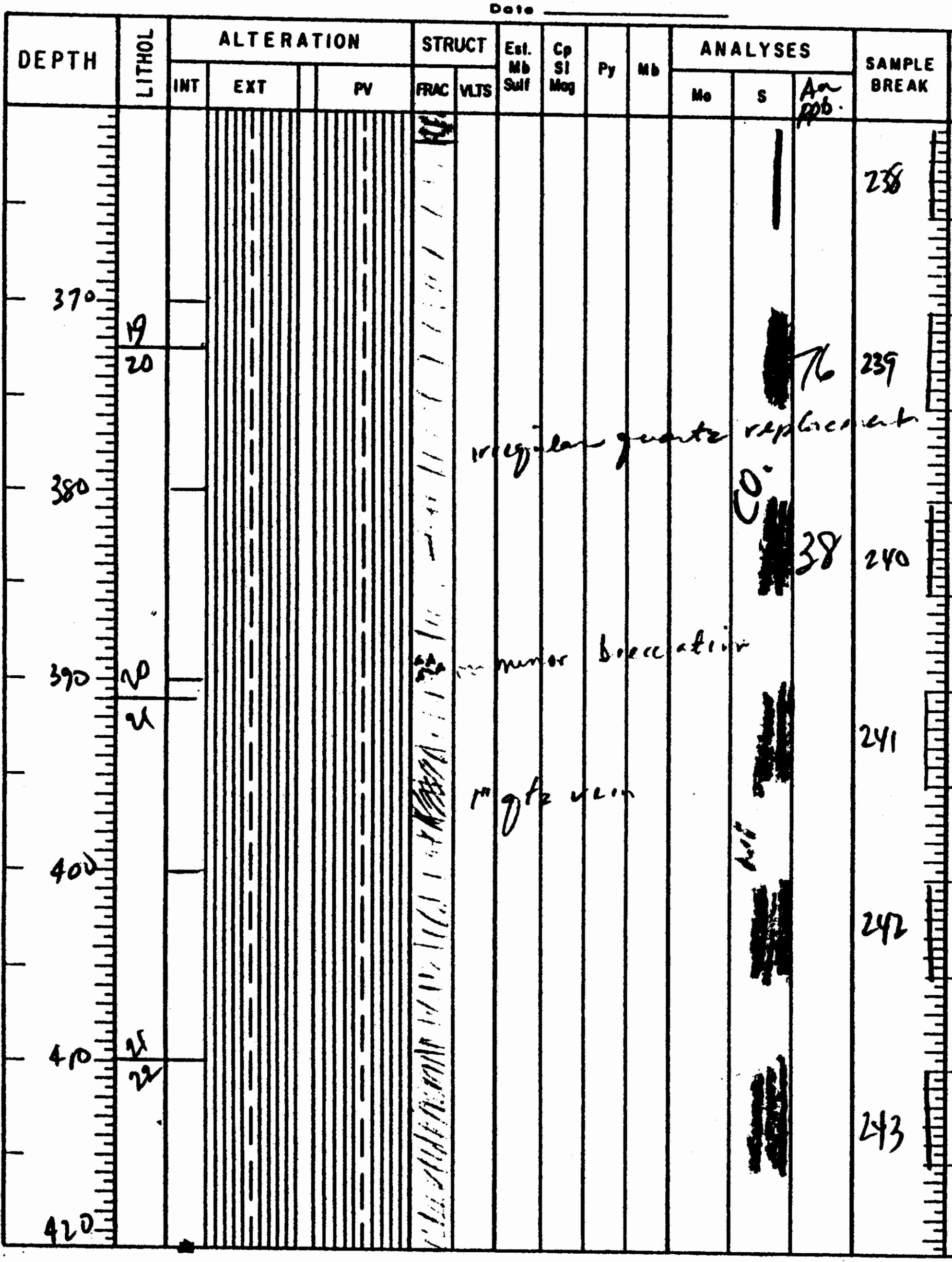
BRG.

INCL.

COLLAR ELEV.

HOLE No. 94-1

Sheet 7 of 9



DEPTH	LITHOL	STRUCT / notes	S	Au ppb.	SAMPLE BREAK	DESCRIPTION
					238	Gradational contact. Calcareous tuffaceous graywacke; fine grained, gray green, non-magnetic weakly lim, minor pyrite, irregularly bedded, but not well laminated.
370	19 20			76	239	
		irregular quartz replacement				Calcareous tuffaceous graywacke. poorly laminated
380			Co.	38	240	1" qtz vein, semi-parallel with core
390	20 21	minor brecciation				Incipient fault. minor
					241	Several calcite veinlets, general thruout core minor pyrite minor, thin talcy slickensides
		1" qtz vein	[illegible]			
400					242	Becoming well laminated, alternating layers of darker tuff, light green tuff and carbonate.
410	21 22				243	
420						

PROJECT CARAMELIA

Logged by

Date

COORD:

BRG.

INCL.

COLLAR ELEV.

HOLE No. 94-1

Sheet 8 of 9

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S	ANALYSES	SAMPLE BREAK	DESCRIPTION
	22											Ni Cu		244	Calcareous tuffaceous graywacke. gray - dark green, fine grained. well laminated non magnetic, very minor disseminated grain and rare bleb of pyrite - fresh and unaltered, minor irregular replacements of quartz.
430	23											Au ppb 35	246	245	11" white quartz with a ½" bleb of pyrite, and numerous dark coloured hair line fracture plane partings, angle wrt core axis ≈ 45°. Vein is therefore either flat, or near vertical Sample from 435 to 436.5
440	2"													247	
450	24													248	Calcareous tuffaceous graywacke: dark gray-green, fine grained banded, and bedded. minor disseminated pyrite, irregular quartz replacements, and irregular veins at wide intervals, to ½" in width, non magnetic
460														249	
470														250	As above. Rock becoming dark gray to black. loosing the green colour - very minor pyrite
480															

PROJECT CALAMELIA

Logged by

Date

COORD:

BRG.

INCL.

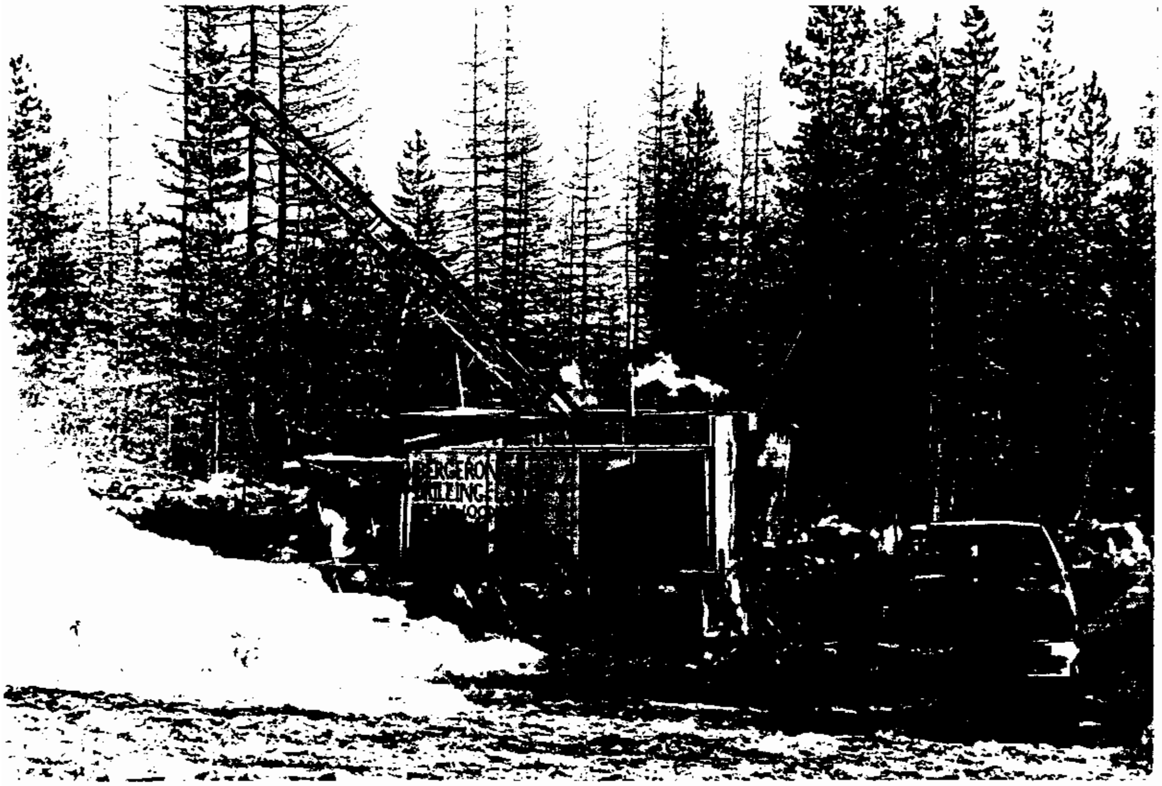
COLLAR ELEV.

HOLE No. 94-1

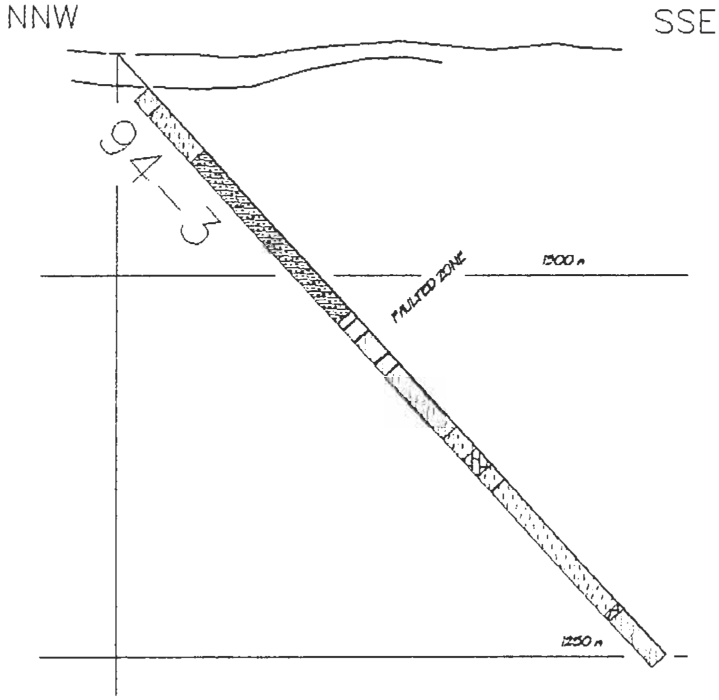
Sheet 9 of 9

DEPTH	LITHOL	ALTERATION			STRUCT		Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES			SAMPLE BREAK	DESCRIPTION
		INT	EXT	PV	FRAC	VLTS					Mo	S			
	25 26											No Cu.		251	Calcareous tuffaceous graywacke minor incipient fault.
490														252	Calcareous tuffaceous graywacke – gray green fine grained laminated to finely bedded. alternating layers of tuff (80%) and quartz-calcite (20%). non magnetic, minor dessiminated pyrite.
														253	Fresh and unaltered – Dissappointing hole!
500	EOH														EOH 500' 4' room left in box 26.
510															

Appendix V Diamond Drill Hole 94-3



CARAMELIA PROJECT   DDH 94-3   SAILOR C.G.



GEOLOGICAL LEGEND

▭	GRAPHITIC QUARTZITE; black, laminated, crumpled
▨	GREENSTONE; tuffaceous, dark gray, massive to poorly-bedded
▭	GRAYWACKE; tuffaceous, gray, thin bedded
▨	LIMESTONE; mainly tuffaceous, rarely nearly pure, gray to light gray
▭	SERPENTINE; talcy, slickensided, light green, some mariposite
▭	QUARTZITE; relatively pure, banded, light gray to whitish
▒	BASALT; massive, fine grained, dark gray to black
▒	MAFIC DYKE; aphanitic to fine grained, dark gray to black
▒	FELSIC DYKE; fine to medium grained, light gray, diorite to feldspar porphyry
▨	FAULT OR FAULT ZONE; gouge, crushed and zones of broken rock

GOLD CITY MINING CORP.
VANCOUVER, BRITISH COLUMBIA

CARAMELIA PROJECT
Camp McKinney Property
Camp McKinney, B.C, NTS 82E3E

Drill Hole Cross Section
DDH 94-3

SCALE (metres)
0 10 20 30 40 50

JAN 24, 1995

DWG NO
S94-3

PROJECT CARAMELIA PROJ

SAKOR

Logged by CALL
Date 09-10 DEC 94

COORD: 731 W
350 S

BRG. 153°
INCL. -45
NQ

COLLAR ELEV. -9
1329m

HOLE No. 94-3

Sheet 1 of 6

DEPTH FEET	LITHOL	ALTERATION INT	EXT	PV	STRUCT FRAC	VLTS	Est. Mb Sulf	Cp Si Mag	Py	Mb	ANALYSES Mo	S	SAMPLE BREAK	DESCRIPTION
10	CASING					OVERBURDEN								OVBD
20	1	BOX BLOCK											254	Graphitic Quartzite, striped rock non-magnetic Shattered siliceous rock 1-2% diss py. hard unaltered Excellent ~~[illegible]~~ Sharp contact at block.
30													255	Calcareous graywacke tuffaceous fairly massive bedded, fractures healed with quartz & calcite, non-magnetic 1-2% diss & fracture coating pyrite dark gray green - almost a toss up calcareous graywacke or calcareous greenstone. favour the latter
40	1 2												256	
50													257	Calcareous tuffaceous Greenstone Contact at qtz vein irregular quartz replacement 2"-3" wide @ 55, subparallel to core. 6" of fractured quartz offsets the first quartz
60	2 3													

TESTS DOWN-THE HOLE

	AZ	DIP
175'	137°	-48°
345'	142°	-50°

45
48
50
97.5

PROJECT ____________ COORD: ____________ BRG. ____________ COLLAR ELEV. ____________ HOLE No. 9A-3

Logged by ____________ INCL. ____________

Date ____________ Sheet 2 of 6

DEPTH	LITHOL	ALTERATION			STRUCT		Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES			SAMPLE BREAK	DESCRIPTION
		INT	EXT	PV	FRAC	VLTS					Mo	S			
	3													258	Calcareous tuffaceous greenstone As above, non-magnetic, dark gray-green mottled texture, poor bedding
															Small irregular replacements & veins of coarse grained calcite
70	3													259	minor graphitic slickensides
	4														
80														260	As above
90	4														
	5													261	Calcareous tuffaceous greenstone dark gray to blackish green – non magnetic thin quartz carbonate veins filling fractures, irregularly bedded as if ash fall tuffs.
100														262	As above
110	5														
	6.													263	
120															

PROJECT CARAMELIA.

Logged by
Date

COORD:

BRG.

INCL.

COLLAR ELEV.

HOLE No. 94-3

Sheet 3 of 6

DEPTH	LITHOL	ALTERATION			STRUCT		Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES			SAMPLE BREAK	DESCRIPTION
		INT	EXT	PV	FRAC	VLTS					Mo	S			
	6													264	*Calcareous tuffaceous greenstone.* dark gray to blackish green – fine grained irregularly bedded tuffaceous rock, several quartz-carbonate veins, non magnetic pyrite about 1% in general dissem
130	6 7													265	
140															As above.
														266	
	7 8														
150															Contact is gradational, broken rock below the block.
														267	*Graphitic quartzite*. Rock in the core box is broken up at the faults, and at the blocks. Black graphitic poorly bedded rock made up of 75% graphite 25% broken bedded quartzite – non magnetic; non calcareous graphitic slickensides. Crumpled and crenulated.
160														268	
	8 9														a little irregular remobilized broken-up quartz in places.
170														269	Rock becoming a little limy Very carbonaceous – graphitic at faults – abundant graphitic slips and slickensides
180															

PROJECT ____________ COORD: ____________ BRG. ____________ COLLAR ELEV. ____________ HOLE No. 94-3

Logged by ____________

Date ____________

INCL. ____________

Sheet 4 of 6

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Si Mag	Py	Mb	ANALYSES Mo	ANALYSES S		SAMPLE BREAK	DESCRIPTION
	9 10													270 271	Graphitic quartzite black, poorly to irregular striped 66:40 graphite : quartzite rock non magnetic, slightly [illegible] in places black coaly slickensides, pyrite weak and general at around 1% diss – mainly fracture surfaces.
190															Excellent recovery in general
200	10 11													272	More siliceous towards the bottom of this section 2% pyrite generally, blue and white crystalline quartz in veins parallel to banding, generally 1-1½" wide
210														273	Gradational Contact
220	11 12													274	Calcareous graywacke, gray, well bedded, non magnetic. pyrite less than 0.5%. Coarse grained white qtz calcite veins up to 2" wide,
230														275	Contact fairly sharp but inconspicuous *Limestone*: gray soft, thinly laminated with white and black laminae
240	12 13														6" overgrinded rock at 238'

PROJECT ______________________ COORD: ______________ BRG. ______________ COLLAR ELEV. ______ HOLE No. 94-3

Logged by ______________________

Date ______________________ INCL. ______________

Sheet 5 of 6

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S		SAMPLE BREAK	DESCRIPTION
	13						4" gougy rock							276	Calcareous tuffaceous graywacke: gray to dark gray, fine grained / limy, non magnetic poorly bedded tuffaceous sediment. quartz and calcite veinlets, 1" in width paralleling bedding, 1-2% disseminated pyrite
250															
	13 14													277	
260														278	
															Same as above
270	14 15													279	
280															Same as above 2" interesting looking qtz vein at 284
														280	
290	15 16													281	Calcareous siltstone tuffaceous 1% py generally - disseminated and fracture placed. non magnetic.
300															

PROJECT ______________________ COORD: ______________ BRG. ______________ COLLAR ELEV. __________ HOLE No. 94-3

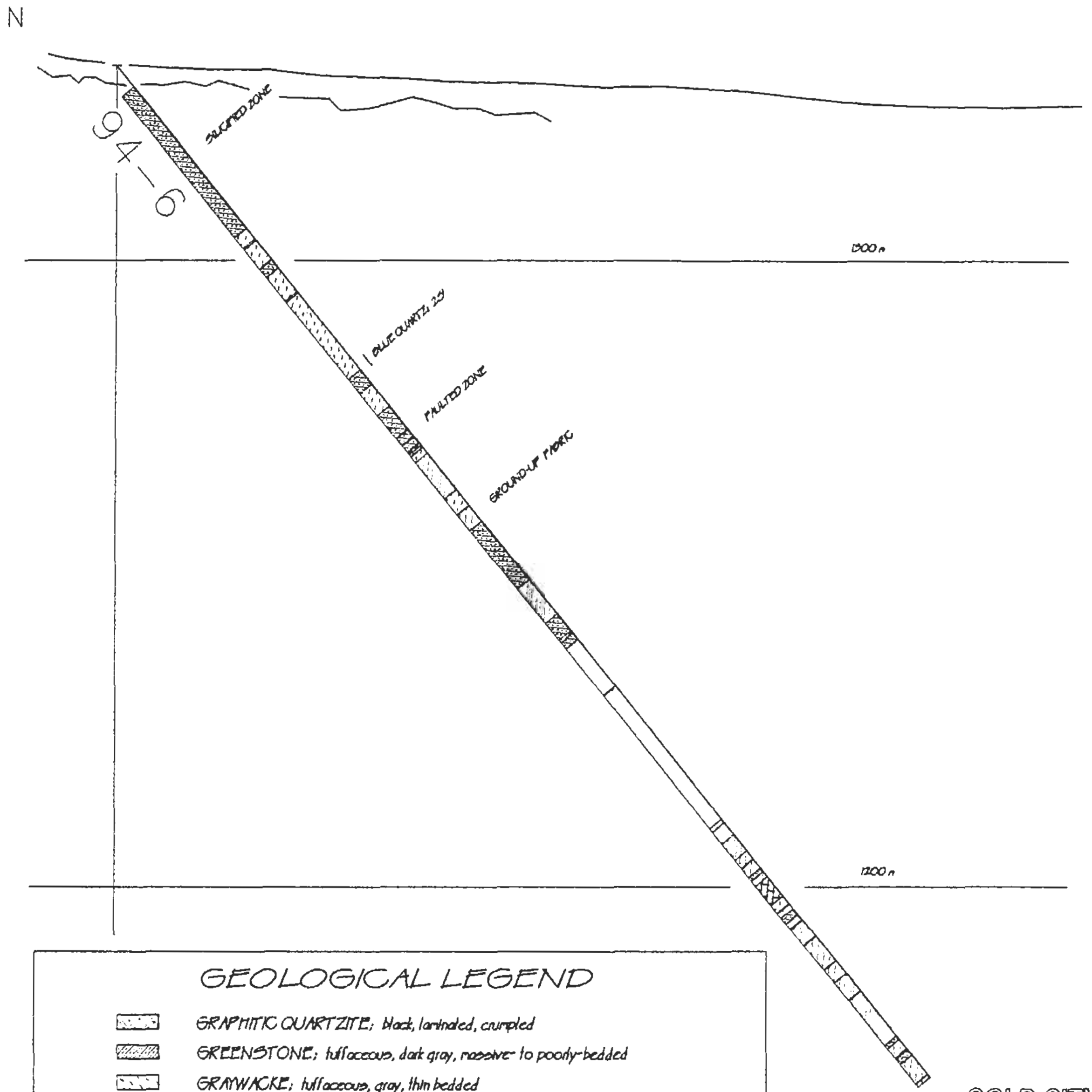
Logged by ______________________ ______________ INCL. ______________

Date ______________ Sheet 6 of 6

EPTH	LITHOL	ALTERATION				STRUCT		Est. Mb Sulf	Cp Si Mag	Py	Mb	ANALYSES			SAMPLE BREAK	DESCRIPTION
		INT	EXT		PV	FRAC	VLTS					Mo	S			
	16														282	Graywacke is very siliceous 300-305' light gray green fine grained ash flow bedded tuffaceous rock, non magnetic, calcite veinlets and impregnations, less than 0.5% diss pyrite. non magnetic.
	16 17															
310															283	
																Gradational Contacts
320																Limestone Thin bedded, to laminated, light gray. Gradational Contact.
	17 18.														284	Graphitic quartzite, crenulated, laminated bedding, 1 to 2% diss & fracture plane pyrite. light in colour at the tope 60 quartzite: 40 carbonaceous matter - Becoming dark gray to black 35%: 65% quartzite: graphite. Wavy banded to stripped appearance
330															285	
340	18 19														286	
															287	EOH in carbonaceous quartzite.
350	19 EOH															12' of room remaining in box

Appendix VI Diamond Drill Hole 94-6

CARAMELIA PROJECT DDH 94-6 WIARTON C.G.



GEOLOGICAL LEGEND

░	GRAPHITIC QUARTZITE; black, laminated, crumpled
▨	GREENSTONE; tuffaceous, dark gray, massive- to poorly-bedded
░	GRAYWACKE; tuffaceous, gray, thin bedded
▧	LIMESTONE; mainly tuffaceous, rarely nearly pure, gray to light gray
░	SERPENTINE; talcy, slickensided, light green, some mariposite
☐	QUARTZITE; relatively pure, banded, light gray to whitish
▒	BASALT; massive, fine grained, dark gray to black
☐	MAFIC DYKE; aphanitic to fine grained, dark gray to black
▓	FELSIC DYKE; fine to medium grained, light gray, diorite to feldspar porphyry
▨	FAULT OR FAULT ZONE; gouge, crushed and zones of broken rock

GOLD CITY MINING CORP.
VANCOUVER, BRITISH COLUMBIA

CARAMELIA PROJECT

Camp McKinney Property
Camp McKinney, B.C. NTS 82E3E

Drill Hole Cross Section
DDH 94-6

SCALE (metres)
0 10 20 30 40 50

JAN 24, 1995

DWG NO
S 94-6

PROJECT CARAMELIA PROJ
WIARTON
Logged by CARL
Date 10-12 DEC, 94

COORD: 692E
145S

BRG. 175
INCL. -45
NQ

COLLAR ELEV. -7
1331 m

HOLE No. 94-6
Sheet 1 of 12

DEPTH FEET	LITHOL	ALTERATION INT	EXT	PV	STRUCT FRAC	VLTS	Est. Mb Sulf	Cp SI Mag	Py	Mb	ANALYSES Mo	S	SAMPLE BREAK	DESCRIPTION
0–14	CASING													OVERBURDEN
10														
14	1						SILICIFIED TUFFACEOUS GREENST							
20													288	
30	1 2												289	
40	BOX	BLOCK											290	
50	2 3												291	
60														

TESTS DOWN-THE-HOLE

	AZ	DIP
180'	160°	-47°
350'	164°	-52°
520'	168°	-53°
688'	171°	-55°

50.4

Oxidation along fracture surfaces to 40'

Silicified tuffaceous greenstone: dark gray to black, fine grained, irregular areas of replacement by bluish quartz, Fractured surfaces well rusted. Not limy, very hard to knife blade, Non magnetic. Pyrite probably was on fracture planes. Core is well broken up and fractured near the surface.

in places well bedded, as if by ash fall tuff – but not limy.

A few pieces in the boxes are very slightly magnetic.

about 1% pyrite – mainly as thin films coating fracture planes.

PROJECT ______________________ COORD: ______________ BRG. ______________ COLLAR ELEV. ______________ **HOLE No.** 94-6

Logged by ______________________

Date ______________________ INCL. ______________

Sheet 2 of 12

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Si Mag	Py	Mb	ANALYSES Mo	ANALYSES S		SAMPLE BREAK	DESCRIPTION
60															Silicified greenstone.
														292	a few pieces in the boxes are very slightly magnetic 1% py – as films on fractured planes. minor quartz veinlets at 2' intervals to 1/8" thickness
	3 4														
70						xxx broken rock									Rock fabric becoming massive, and dark
														293	blackish green. still very hard and siliceous. Becoming more pyritic ≃ 2% diss and on fract planes Massive textured, very hard & silicified.
80	4 5														
														294	
90															
														295	Silicified. Very Brittle.
100	5 6														
														296	
110															Fairly sharp contact
														297	calcareous tuffaceous graywacke. med gray-green fine grained tuffaceous bedding. pyrite-pyrrhotite fracture planes are moderately magnetic 1" carbonaceous graphitic quartzite. Felsitic tuffaceous graywacke
120	6 7														

PROJECT CARAMELIA

Logged by

Date

COORD:

BRG.

INCL.

COLLAR ELEV.

HOLE No. 94-6

Sheet 3 of 12

DEPTH	LITHOL	ALTERATION			STRUCT		Est. Mb Sulf	Cp Si Mag	Py	Mb	ANALYSES			SAMPLE BREAK	DESCRIPTION
		INT	EXT	PV	FRAC	VLTS					Mo	S	Au ppb		
	7												46	298	felsic tuffaceous graywacke: light gray hard siliceous, dense, massive, aphanitic to fine grained.
130							15" gouge, graphite								sharp contact. Graphitic gouge over 15", rock broken
	7													299	Graphitic Greenstone:
	8														
140														300	Calcareous tuffaceous graywacke dark gray to black. fine grained hard and brittle ≈ 1% diss & fracture plane pyrite. fairly massive and poorly bedded.
150															Graywacke becoming green in colour at bottom of this section.
	8													301	Graphitic quartzite - ≈50% remobilized quartz
	9														Siliceous graywacke: light gray to greenish aphanitic to fine grained hard brittle, very siliceous rock - probably of tuffaceous origin. non-limy, non magnetic, poorly bedded
160															
														302	
170															
	9 10												67	303	
180															

PROJECT CARAMELIA **COORD:** **BRG.** **COLLAR ELEV.** **HOLE No.** 94-6

Logged by
Date **INCL.** **Sheet** 4 **of** 12

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S	ANALYSES	SAMPLE BREAK	DESCRIPTION
	10													304	Silicaceous graywacke: gray-green, fine grained not well bedded - inconspicuous. 1-2% pyrite - mainly as films on fracture planes Occasionally lens, Moderate amount of fine qtz-calcite filled fractures.
190	10 11														
														305	
200			90% black qtz												3½' Siliceous blue quartz - mottled texture
														306	
	" 12														1' Siliceous blue quartz - mottled Gradational Contact Calcareous Greenstone:
210			Breccia											307	
															Gradational Contact Calcareous tuffaceous graywacke: gray green, fine grained, non magnetic massive bedded, only faint indications of bedding.
220							6" calcite								
														308	
	12 13														Gradational Contact - dubious call here regarding rock types. Calcareous tuffaceous greenstone: Black, fine grained, non magnetic fairly uniform - little if any indication of bedding. Several large calcite seams or replacements about 1% diss and films of pyrite on fractures
230														309	
240															

PROJECT CARAMELIA

COORD:

BRG.

COLLAR ELEV.

HOLE No. 94-6

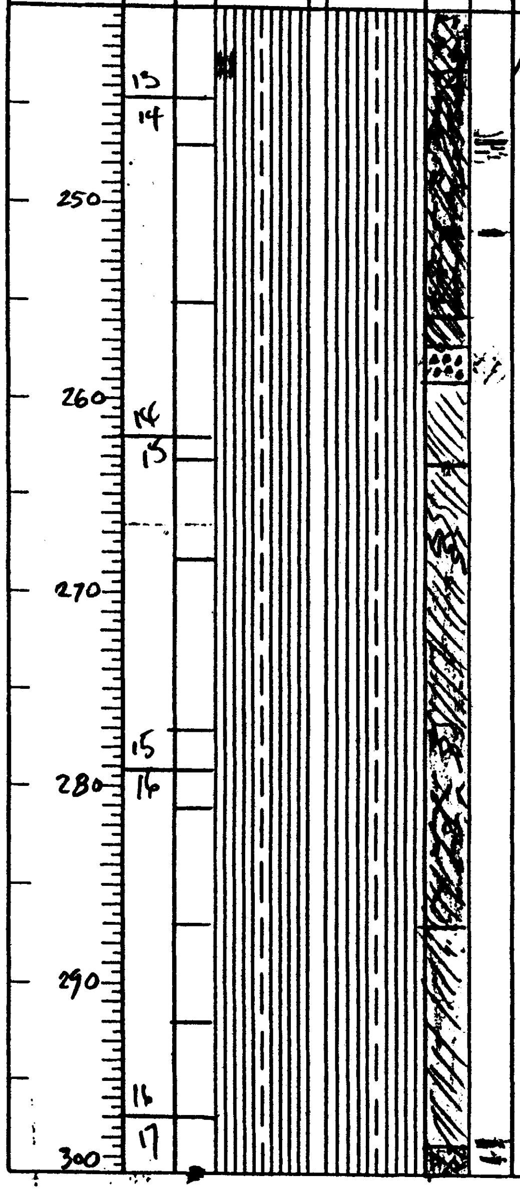
Logged by

Date

INCL.

Sheet 5 of 12

DEPTH | LITHOL | ALTERATION: INT, EXT, PV | STRUCT: FRAC, VLTS | Est. Mb Sulf | Cp Sl Mag | Py | Mb | ANALYSES: Mo, S | SAMPLE BREAK | DESCRIPTION



16" calcite

6" rock gauge

2" gauge

Incipient faulting in Graphite

4" light gray quartzite

310

311

312

313

314

315

316

Calcareous Greenstone: dark gray to black, finegrained, poorly bedded, mottled texture, volcanic composition non-magnetic.

Sharp Contact

16" laminated white limestone

Sharp Contact

24" Graphite Ground & comminuted, slickensided

Calcareous tuffaceous graywacke?

Sharp contact at block

Graphitic quartzite: dark gray & black fine grained, highly carbonaceous rocks grading between graphitic quartzite and graphitic graywacke. Bedding varies from crumpled and crenulated to laminated striped,
Two brown carbonate (dolomite) beds at 268 (2") and 269(4") Crumpled.

Sharp contact.

Calcareous tuffaceous graywacke: fine grained mottled inhomogeneous composition with fragments of other rocks and some brown dolomite layers. but well bedded in general - laminated to thin bedded. non magnetic, pyrite is generally scarce < 1% & films on fractures. graphitic slickensides

Sharp contact

Talc serpentine: light gray, soft, soapy

PROJECT CARAMELIA

COORD:

BRG.

COLLAR ELEV.

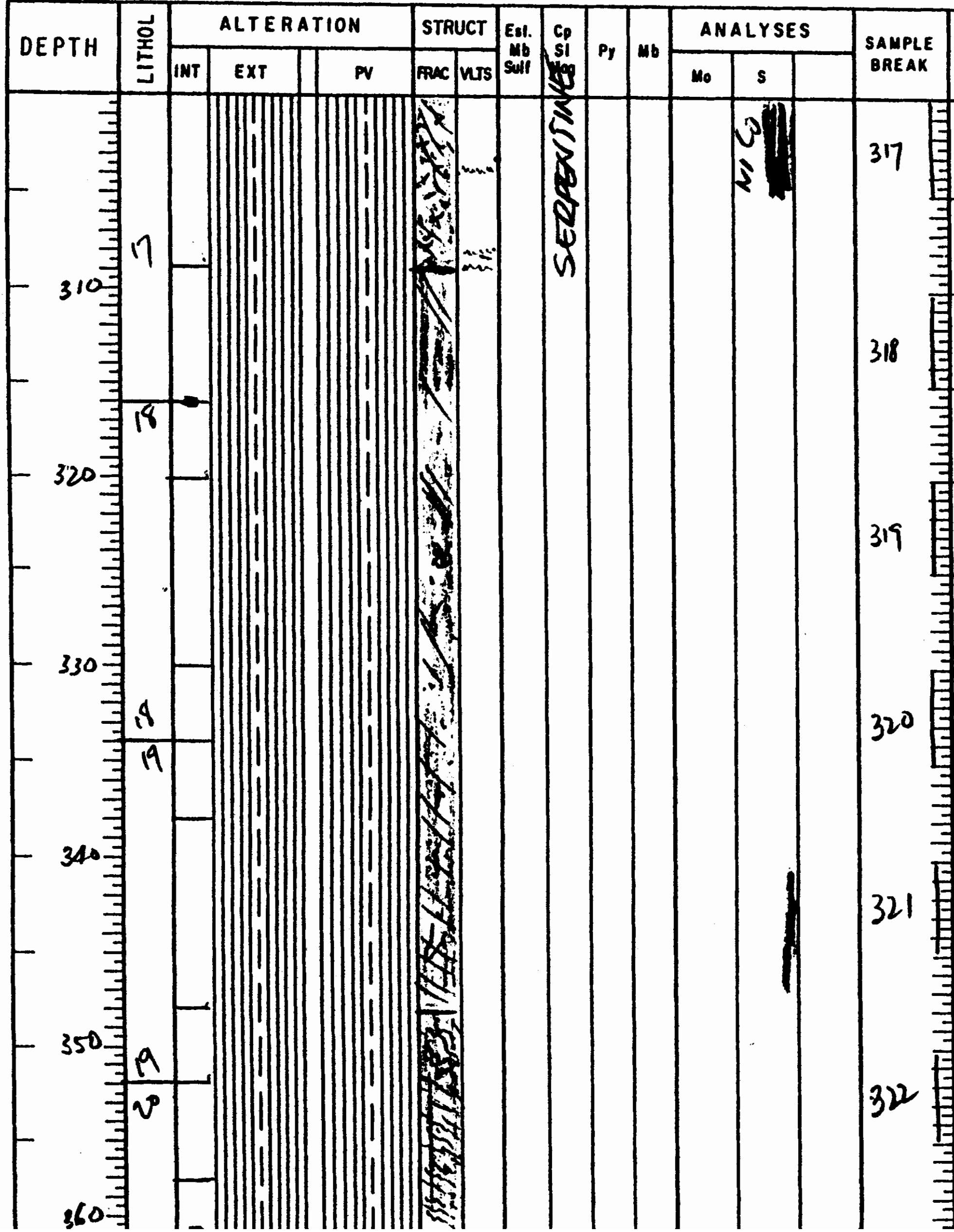
HOLE No. 94-6

Logged by

Date

INCL.

Sheet 6 of 12



DESCRIPTION

Talcy serpentine, probably originally an ultrabasic rock, or perhaps a mafic greenstone, light gray, talcy and soapy abundant talcy slickensides Ground-up fabric.

sharp contact.

Calcareous tuffaceous greenstone
vari-coloured gray, green brown fine grained non magnetic, generally mottled fabric, but in places shows poor bedding. general andesite composition — Rock type is sort of a core loggers choice - graywacke or greenstone. Chose greenstone because of generally poor bedding.

pyrite generally < 1% diss & films on fracture and slip faces

The occassional spot in the core is moderately magnetic as tested by pencil magnet.

Graphitic quartzite:
fairly typical of previous description - black striped non magnetic crumpled — but in places this section is thin bedded and generally little deformed

PROJECT CARAMELIA

Logged by

Date

COORD:

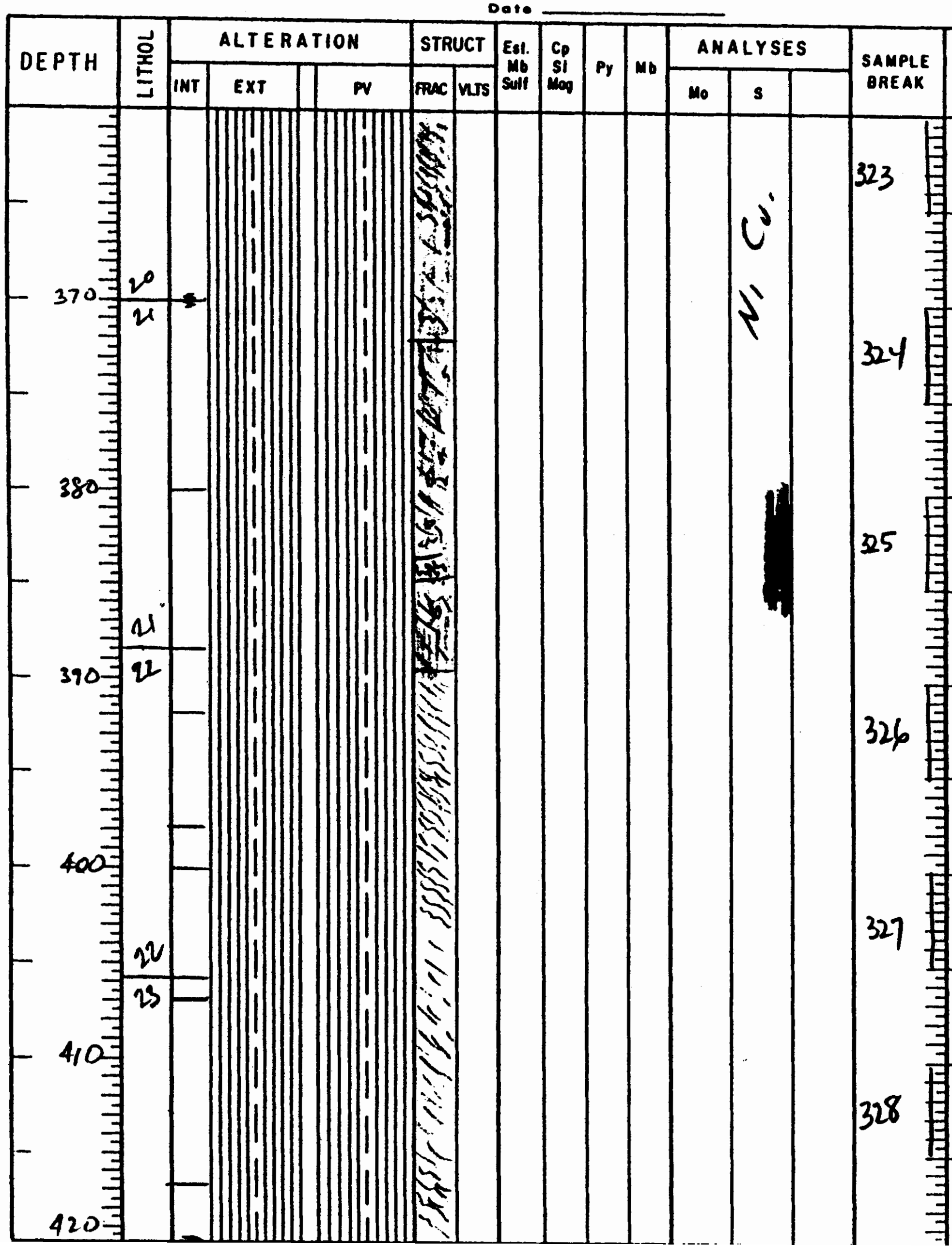
BRG.

INCL.

COLLAR ELEV.

HOLE No. 94-6

Sheet 7 of 12



DESCRIPTION

Graphitic quartzite:
generally 2% diss and films of pyrite on fracture and slip planes.

Bottom 2' of core in box is thick bedded but same general composition:
Gradational contact.

Calcareous tuffaceous greenstone
poorly bedded

Gradational Contacts
1ft. Carbonaceous quartzite.
Calcareous tuffaceous greenstone.

Quartzite light gray, ribboned, non magnetic
mainly a fairly pure ribboned rock –
85% quartzite, 15% impurities, perhaps 10% of which is carbonaceous. hard brittle, non lim.;
pyrite 0-5–1% diss & fract. plane

Becoming a little thicker bedded with depth in this box, and graphitic parting planes more distinct.
hard brittle, shatters easily to sharp edged pieces

PROJECT CARAMELIA

COORD:

BRG.

COLLAR ELEV.

HOLE No. 94-6

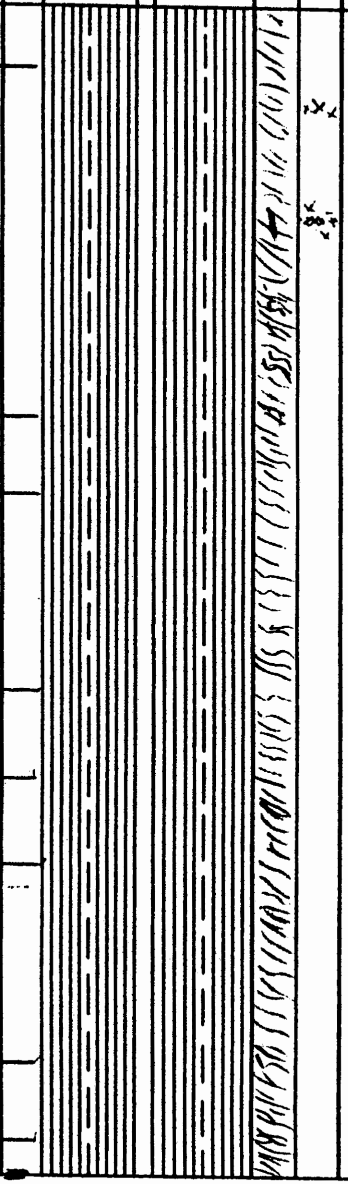
Logged by

Date

INCL.

Sheet 8 of 12

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Si Mag	Py	Mb	ANALYSES Mo	ANALYSES S		SAMPLE BREAK	DESCRIPTION
	23 24													329	<u>Quartzite:</u> ribboned light gray varying to medium gray, hard siliceous quartzite with 10-15% graphite - mainly as partings - a uniform and homogeneous unit so far. ribboned to laminated bedding. pyrite content very low < 0.5% 1/2" white quartz veinlet hanging wall of fault, at about 25% with respect to core axis
430														330	
440	24 25													331	
450														332	Becomes uniform ribboned light gray quartzite again. Bedding becomes flatter wrt core axis about 70-75% wrt core axis
460	25 26													333	Pyrite - nearly absent 0-0.5% diss.
470														334	3' darker coloured quartzite, at bottom of box
480	26 27														



PROJECT CARAMELIA

Logged by ______ Date ______

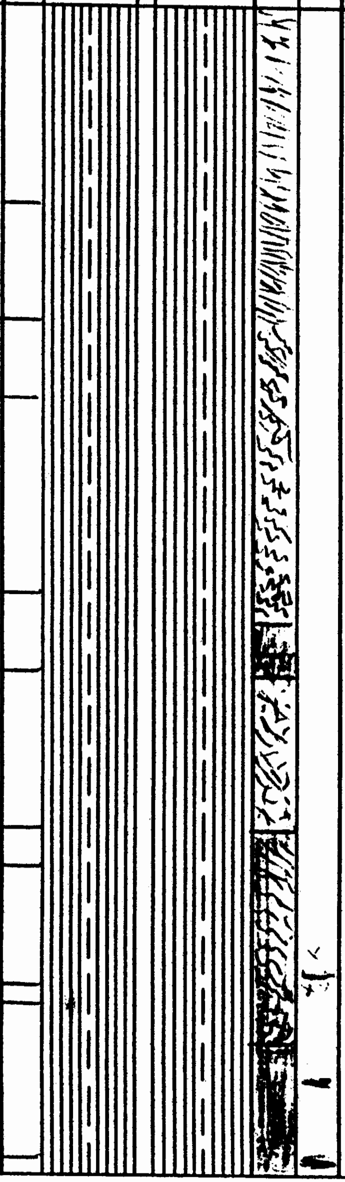
COORD: ______ BRG. ______ INCL. ______ COLLAR ELEV. ______

HOLE No. 94-6

Sheet 9 of 12

DEPTH	LITHOL	SAMPLE BREAK	DESCRIPTION
	27	335	Quartzite - ribboned relatively pure for property, light gray grading to grayish this box, Also grading from ribboned to crumpled in this box. Otherwise a very uniform and homogeneous rock unit perhaps a good consistant marker horizon. Pyrite is very low or absent.
490		336	
	27 28		
500		337	Becoming tightly crumpled and more carbonaceous with depth in this box
510	28 29	338	Sharp contact. Dyke lamprophyre? fine grained, gray brown, with 15% equant grains of pyroxene - augite - as only recognizable crystal. Very fine hair line fractures healed by calcite. Gradational Contact.
520		339	Graphitic quartzite; inhomogeneous - and not striped 1-2% pyrite, mainly on fracture planes
530	29 30	340	serpentinite: gray talcy, soapy - probably formerly a basic volcanic greenstone like basalt or amphibolite
540			

ALTERATION: INT | EXT | PV — STRUCT: FRAC | VLTS — Est. Mb Sulf — Cp Sl Mag — Py — Mb — ANALYSES: Mo | S



PROJECT CARAMELIA

Logged by

Date

COORD:

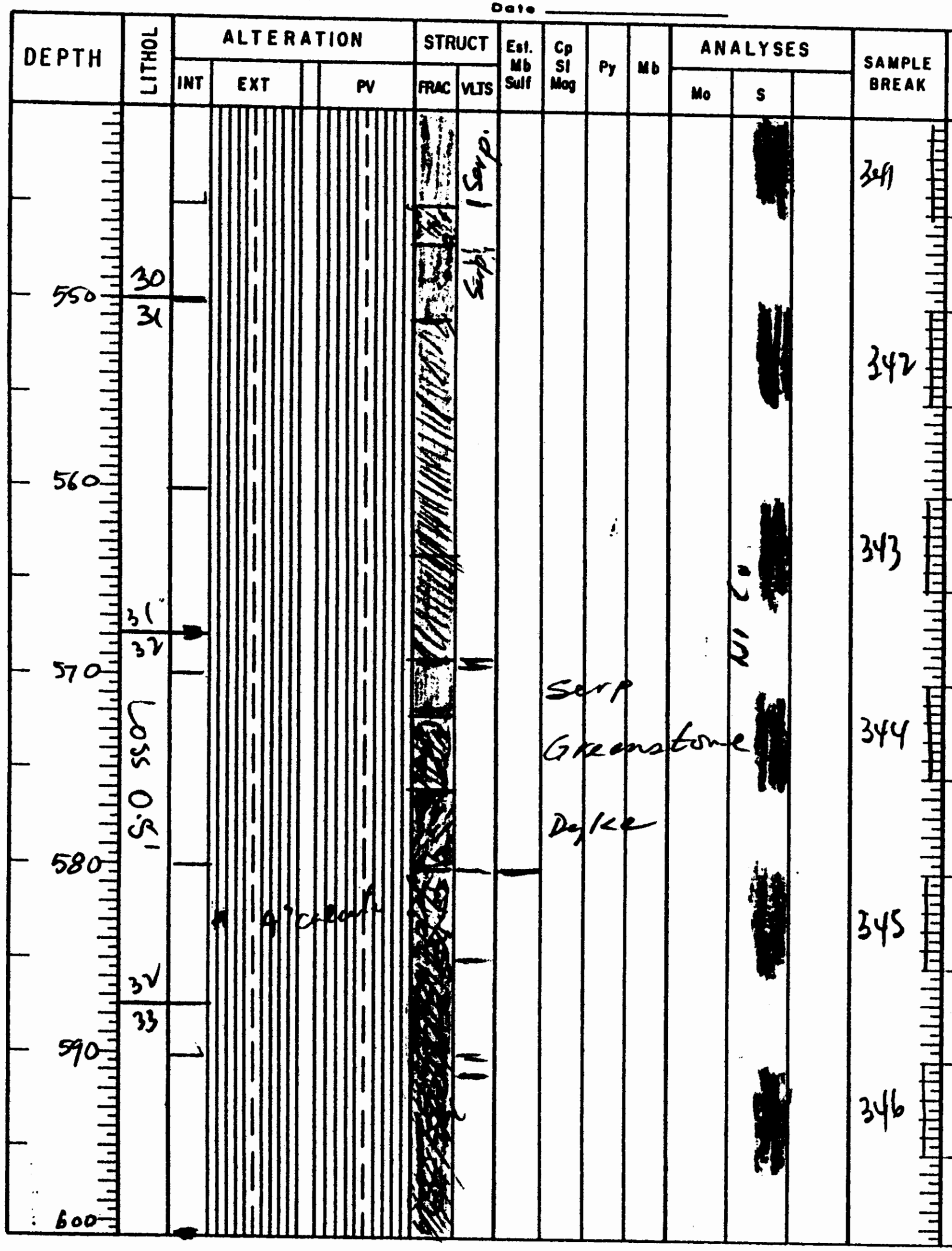
BRG.

INCL.

COLLAR ELEV.

HOLE No. 94-6

Sheet 10 of 12



DESCRIPTION

Serpentine: talcy soapy light gray
non magnetic

Calcareous tuffaceous greenstone;
poorly bedded, mottled texture.

Gradational Contacts

Limestone: gray green, fine grained, laminated
bedding, soft, reactive to HCl, non
magnetic.

gradational contacts

Calcareous tuffaceous graywacke
green, fine grained, good laminated
bedding - therefore core logger is
calling it graywacke rather than
greenstone.

Sharp contacts, chilled over lenches

Dyke: brown, medium grained, trachytic textured
hornblende laths in aphanitic brown matrix.

Serpentinous Greenstone:
gray green, fine grained, serpentinous and
talcy. poor bedding lining - non magnetic

Dip test	690	171	-55
	520	168	-53
	350	164	-52
	180	160	-47

PROJECT CARAMELIA

Logged by

Date

COORD:

BRG.

INCL.

COLLAR ELEV.

HOLE No. 94-6

Sheet 11 of 12

DEPTH	LITHOL	Cp Sl Mag	S	SAMPLE BREAK	DESCRIPTION
		Serp	[redacted]	347	Serpentinous, being greenstone light gray green, talcy, soapy slips and slickensides. Non-magnetic.
	33				
	34				
610					
			[redacted]	348	Sharp c contact
					<u>Graphitic quartzite:</u>
620	34			349	Black fine grained, striped graphitic rock. alternate layers of graphite and light gray to white quartzite - 1-2% dissem py and films coating slickensides. Heavy graphite
630				350	Texture changes from striped to mottled and badly distorted, as if there has been a lot of translational movement along the graphite, and then re-consolidation of the rock.
	35				
640				351	as above.
650				352	
	35				as above
	36				
660					Fault contact

PROJECT CARAMELIA

Logged by

Date

COORD:

BRG.

INCL.

COLLAR ELEV.

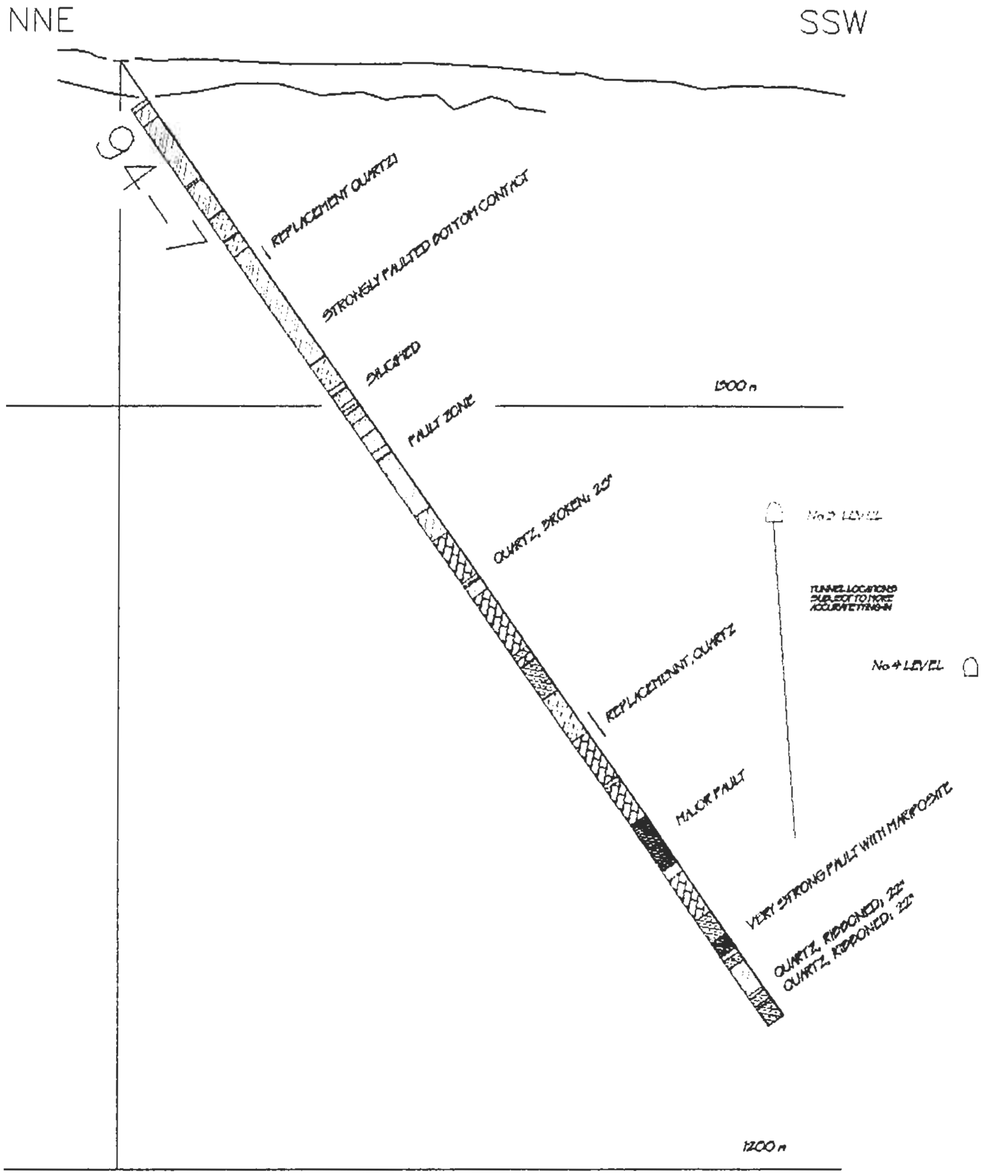
HOLE No. 94-6

Sheet 12 of 12

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT		ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S	SAMPLE BREAK	DESCRIPTION
	36													353	*Calcareous Greenstone* sharp contact *Serpentine* light gray, soft, talcy, slickensided non magnetic 2" calcite vein @ 663'
670													Nil Cu	354	*Calcareous greenstone*: with abrupt contact over 1" *Serpentine*: as above; very strongly slickensided and soft. Will mush-up when split. More green in colour.
680	37													355	Serpentine generally contains abundant tiny (< 1/4") gougy slips. Hole ends in serpentine.
690	EOH 688														7 1/2' open (or unfilled) in the last box 209.7 m
700															
710															

Appendix VII Diamond Drill Hole 94-7

CARAMELIA PROJECT DDH 94-7 AMELIA C.G.



GEOLOGICAL LEGEND

- ▨ GRAPHITIC QUARTZITE; black, laminated, crumpled
- ▨ GREENSTONE; tuffaceous, dark gray, massive to poorly-bedded
- ☐ GRAYWACKE; tuffaceous, gray, thin bedded
- ▨ LIMESTONE; mainly tuffaceous, rarely nearly pure, gray to light gray
- ▨ SERPENTINE; talcy, slickensided, light green, some mariposite
- ☐ QUARTZITE; relatively pure, banded, light gray to whitish
- ▨ BASALT; massive, fine grained, dark gray to black
- ▨ MAFIC DYKE; aphanitic to fine grained, dark gray to black
- ▨ FELSIC DYKE; fine to medium grained, light gray, diorite to feldspar porphyry
- ▨ FAULT OR FAULT ZONE; gouge, crushed and zones of broken rock

GOLD CITY MINING CORP.
VANCOUVER, BRITISH COLUMBIA

CARAMELIA PROJECT

Camp McKinney Property
Camp McKinney, B.C. NTS 82E3E

Drill Hole Cross Section
DDH 94-7

SCALE (metres)
0 10 20 30 40 50

JAN 24, 1995

DWG NO
S94-7

Hole@ 330 in morning

PROJECT CARAMELIA PROJ- ANTELIA

Logged by CARL

Date 13-14 DEC-'94

COORD: 130.5E 50.6N

BRG. 206

INCL. -51 NQ

COLLAR ELEV. +1 1345m

HOLE No. 94-1

Sheet 1 **of** 9

DEPTH FEET	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S	ANALYSES Au ppb	SAMPLE BREAK	DESCRIPTION
10	CASING														OUBD
20	1 BOX BLOCKS													356	Graphitic Quartzite, dark gray, striped, black & white non magnetic, about 70% graphite 30% quartzite Serpentine light gray, soft, talcy - serpentinous slips contact is marked by 2" qtz vein
30														357	Graphitic quartzite, becoming crenulated towards bottom of section Oxididation on fractures to 40'
40	2		1/2									Ni Co		358	Striped fabric varies from near perpendicular to core axis (80°) to near parallel (10°) over short distance. Rock is highly graphitic. Pyrite not very evident on core surface by 1-2% in general on slip planes.
50	2.												20	359	4" crushed white, brittle quartz.
60	3														

TESTS. DOWN-THE-HOLE

FT	AZ	DIP	
165'	201°	-54°	-51
325'	195°	-57°	-54
495'	201°	-59°	-57
			-59
			-55

PROJECT ____________________ COORD: ____________ BRG. ____________ COLLAR ELEV. ________ HOLE No. 94-7

Logged by ____________________

Date ____________ INCL. ____________

Sheet 2 of 9

DEPTH	LITHOL	ALTERATION			STRUCT		Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES			SAMPLE BREAK	DESCRIPTION
		INT	EXT	PV	FRAC	VLTS					Mo	S	Au ppb		
	3														fg brown tuffaceous dolomitic graywacke
													29	360	Graphitic rock - very little quartzite - about 90:10. mainly black mottled graphite with minor white layers and broken beds. Excellent Recovery but cores is broken up
70															
	3												45	361	3" white bull quartz, ribboned by 6 partings of graphite.
	4														
80															Calcareous (dolomitic?) graywacke fine grained uniform, grayish brown, non magnetic non reactive to dilute HCl. Contains irregular white quartz-calcite stringers and veinlets to 4" - every 6 inches or so
														362	
90															Excellent recovery
	4														
	5													363	
															Gradational contact:
100															Graphitic Quartzite: Rock is about 75% irregular, white replacement quartz between 100-105' otherwise it is largely graphite with occasional layers and thin broken beds of white quartzite. Abundant shiny graphite slickensides.
														364	
110	5														
	6													365	
120															

PROJECT ____________

Logged by ____________

Date ____________

COORD: ____________

BRG. ____________

INCL. ____________

COLLAR ELEV. ____________

HOLE No. 94-7

Sheet 3 of 9

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Si Mag	Py	Mb	ANALYSES Mo	ANALYSES S		SAMPLE BREAK	DESCRIPTION
	6 / 7													366	Graphitic quartzite: black, becoming finely striped due to increasing density of very thin 1/16 - 1/8" white quartzite layers, crumpled, hard, non-lim., non-magnetic Generally 1% pyrite as films on fracture planes Excellent recovery.
130														367	Quartz content decreases until below the fault zone.
140														368	Core is badly broken up between the fault zones, and brecciated below it in this box
150	7 / 8													369	looks like a major fault zone – strongest graphitic slickensides, downwards to 154' Fault Contact
160	8 / 9													370	Calcareous tuffaceous greywacke: vari-coloured, med-gray to brown fine grained, calcareous – several 1"–2" stringers of white calcite. Some graphitic slips Sharp contact @ about 45° wrt core axis G
170														371	
180															2' of irregular bluish carbonaceous quartz 178 - 180. looks like remobilized - replacement quartz.

PROJECT ____________________

Logged by ____________________

Date ____________________

COORD: ____________________

BRG. ____________________

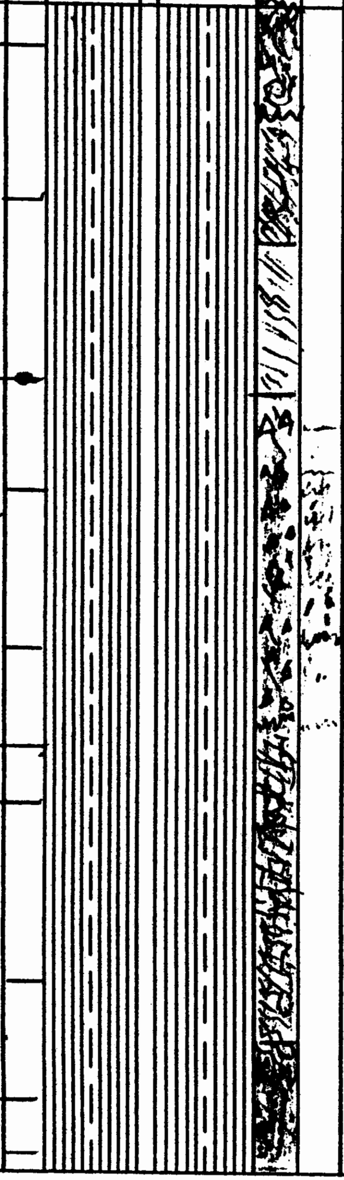
INCL. ____________________

COLLAR ELEV. ____________________

HOLE No. 96-7

Sheet 4 of 9

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S	SAMPLE BREAK	DESCRIPTION
	9 10												372	30% white quartz welded to graphitic quartzite. Remobilized replacement quartz - white to bluish irregularly replacing and displacing carbonaceous quartzite. Excellent recovery despite broken core. Generally 1-1.5% pyrite
190														massive graphite 188.5-190'
													373	quartz vein contact 4" @ 60° to core axis.
														Calcareous tuffaceous graywacke: fine grained, vari-coloured gray-green non-magnetic, slightly limy
200	10 11													Sharp welded contact @ 45° to core axis
													374	Graphitic quartzite: Generally 1-2% diss & fracture film, pyrite mainly on fractures and slips.
210														Strong fault zone in graphitic quartzite 202 - 221', but largely between 204-213'. rocks badly broken and gouges.
													375	
	11 12													1½" quartz in bottom of box.
220														Several areas of irregular replacement bluish quartz, over zones to 3" wide in top half of box
													376	
230														
													377	Gradational, wavy contact at about 45° to core axis
240	12 13													Serpentine, talcy, slip planes not well developed talcy but gritty. - Fairly massive in texture & fabric.



PROJECT ____________________

Logged by ____________________

Date ____________________

COORD: ____________________

BRG. ____________________

INCL. ____________________

COLLAR ELEV. ____________________

HOLE No. 94-7

Sheet 5 of 9

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S	SAMPLE BREAK	DESCRIPTION
	13						1" broken and gouge						378	Serpentine light gray, soft talcy. gougy in places. 2" muddy gouge at 241½' Gradational Contact.
250	13 14						1" broken & gouge						379	Tuffaceous limestone med gray. laminated bedding, alternating whispy bands of light coloured carbonate and dark gray tuffaceous impurities
260													380	Tuffaceous limestone as above.
270	14 15						2½" broken and gouge						381 382	15" Bluish Quartz, hard brittle, 0.5% fracture filling pyrite. 5" Bluish replacement qtz @ 271' Graphitic rock, likely akin to Graphitic quartzite massive bedded: broken core but not faulted.
							2" graphitic quartz						383 384 385	Gradational contact: Limestone - tuffaceous White to light gray laminated to thin bedded limestone, some graphitic slips in this unit.
280							Au ppb 278.2-278.5 278.5-280				Ni Cu	[redacted]	386	
290	15 16												387	Tuffaceous limestone: gray, laminated to thin bedded. variable amount of tuffaceous impurities, becoming blackish in places, pyrite generally less than 0.5%
300														

PROJECT CARAMELLA.

Logged by

Date

COORD:

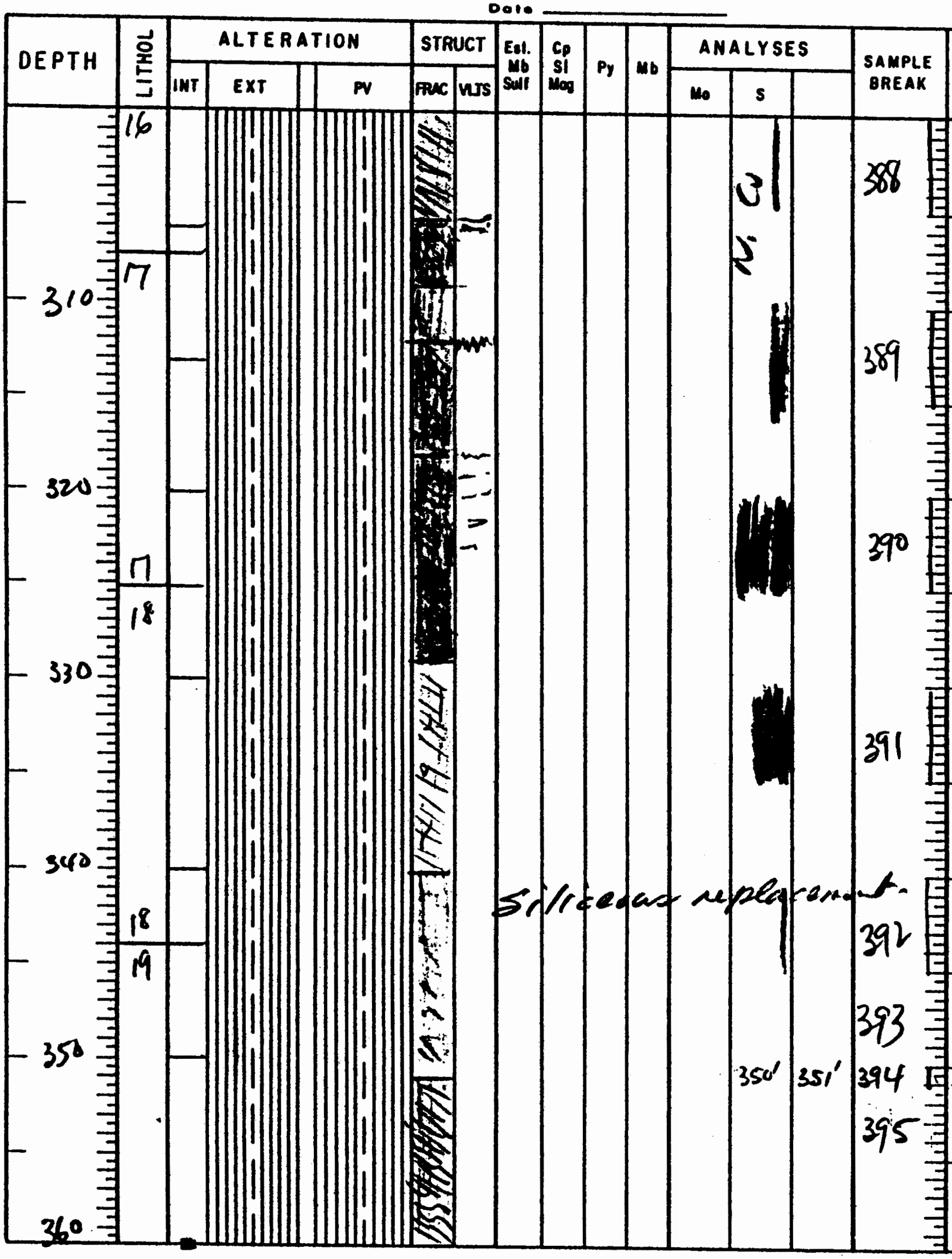
BRG.

INCL.

COLLAR ELEV.

HOLE No. 94-1

Sheet 6 of 9



DESCRIPTION

Tuffaceous limestone dark gray to black - becoming less limy - a little harder and higher tuff content.
Contact appears sharp - although faulted

Greenstone Calcareous, dark gray to black, thick bedded, tuffaceous

White Limestone: thin bedded, streaky because of tuffaceous laminae impurities

Greenstone, black, fine grained, massive bedded 0.5-1% fracture plane pyrite

Serpentine. soft light gray-green, talcy slickensided. serpentinous

Completely gradational contact - judgement call required to pick contact.

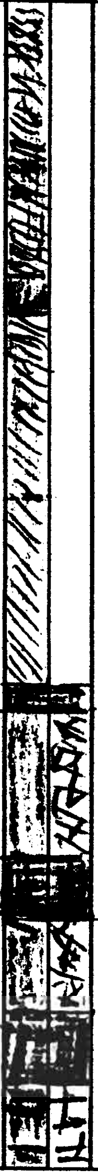
Gradational contact
Calcareous tuffaceous graywacke
Wavy banded or layered, calcareous - all rocks non magnetic.

Gradational contact
Siliceous tuffaceous graywacke
Wavy banded, gray-green, aphanitic to fine grained,

Gradational Contact:

Tuffaceous limestone banded, gray to light gray due to alternating layers of white carbonate and dark gray tuff.

PROJECT ____________________
Logged by ____________________
Date ____________________
COORD: ____________________
BRG. ____________________
INCL. ____________________
COLLAR ELEV. ____________________
HOLE No. 94-7
Sheet 7 of 9



DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Sl Mag	Py	Mb	ANALYSES Mo	ANALYSES S		SAMPLE BREAK	DESCRIPTION
	19 20													396	Tuffaceous limestone thin bedded to laminated light gray – dark gray depending on the amount of dark volcanic ash
370											N.W			397	2 bands of semi transluscent quartz 2" above 370' and 1" about four inches below 370'
														398	Dyke – Sharp contacts – dark gray to black finely speckled rocks. Tiny white plagioclase laths (2-3mm) with trachytic orientation in a black aphanitic matrix. Lamprophyre. Lower contact is at 60° wrt core as upper contact is at 60° as well.
380	20 21						5" quartz-carbonate vein or replacement							399	
											384'	385'		400	Small Quartz vein, black slickensides Tuffaceous limestone : as above. laminated to thin bedded – carbonate and mafic tuff.
390														401	
								Fault goug							Gouge 2" quartz vein below fault.
400	21 22														
	Loss 0.5'							Fault Gouge						402	Major Fault Zone in limestone, limestone remnants remain
410															
								Fault Gouge						403	
420	22 23													404	

PROJECT ______ COORD: ______ BRG. ______ COLLAR ELEV. ______ HOLE No. 94-7

Logged by ______

Date 15 DEC 95 ______ INCL. ______ Sheet 8 of 9

DEPTH	LITHOL	ALTERATION INT	ALTERATION EXT	ALTERATION PV	STRUCT FRAC	STRUCT VLTS	Est. Mb Sulf	Cp Si Mag	Py	Mb	ANALYSES Mo	ANALYSES S	SAMPLE BREAK	DESCRIPTION
	23												405	Graphitic Quartzite, broken up layers of graphite and quartzite Gradational Contact Tuffaceous limestone, light gray laminated stripped bedding;
430														
													406	slightly talcy but very limy.
	23													
	24													As above
440														
													407	Gradational Contact
							2" replacement type gold ? 5" replacement quartz.						408	Tuffaceous greenstone: light gray mottled texture, soft slightly talcy. fractured, broken and rehealed fabric. - Mainly a tuffaceous rock.
450														
	24												409	
	25													
460					Gouge									Major fault gouge is mariposite coloured for most of its length, especially the bottom 10"
													410	Graphitic quartzite Sharp contact
													411	Tuffaceous greenstone, light gray green Sharp contact.
470														
	25												412	Graphitic quartzite 60% broken bluish quartz with graphitic partings
	26													
480													413	

Appendix VIII Analytical Results

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(60 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Roy Lammle

Gold City Resources Inc. File # 94-4345 Page 1

902 - 626 W. Pender St., Vancouver BC V6B 1V9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
E 100001	4	48	8	28	.3	25	2	203	2.43	9	<5	<2	3	7	<.2	4	3	49	.20	.083	9	53	.75	169	.04	2	1.06	.01	.22	3	<1
E 100002	6	80	4	58	.3	34	5	304	2.96	15	<5	<2	3	8	<.2	4	<2	55	.26	.085	12	49	.80	253	.06	5	1.17	.01	.33	1	1
E 100003	6	71	<2	63	.3	35	5	328	2.71	8	<5	<2	4	9	.4	<2	<2	47	.26	.084	14	41	.78	191	.06	<2	1.05	.01	.33	<1	1
E 100004	5	55	8	58	.1	36	6	374	2.58	<2	<5	<2	3	8	.4	<2	3	55	.23	.068	13	46	.79	197	.07	<2	1.04	.01	.24	<1	1
E 100005	4	68	11	76	<.1	43	7	392	2.83	13	<5	<2	3	9	.4	<2	<2	56	.28	.076	14	42	.85	190	.08	<2	1.13	.01	.29	<1	<1
E 100006	5	64	6	52	<.1	38	8	397	2.93	6	<5	<2	3	8	.2	<2	<2	62	.27	.078	12	50	.88	190	.09	<2	1.19	.02	.27	1	<1
E 100007	3	55	10	54	.3	29	6	378	2.27	3	<5	<2	3	8	.2	<2	<2	47	.23	.068	10	36	.69	99	.06	<2	.87	.02	.15	<1	1
RE E 100007	3	54	6	58	.3	32	6	366	2.20	8	<5	<2	3	8	.4	2	<2	46	.22	.067	9	34	.68	94	.06	<2	.84	.02	.14	<1	5
E 100008	3	74	9	52	<.1	37	8	396	3.02	9	<5	<2	3	9	<.2	<2	<2	54	.26	.081	12	46	.93	290	.11	<2	1.28	.01	.45	2	1
E 100009	4	59	<2	58	.2	40	7	571	2.78	6	<5	<2	4	32	.9	<2	<2	52	1.63	.073	10	43	.97	157	.09	<2	1.13	.01	.19	<1	2
E 100010	4	65	11	67	.3	32	9	461	2.84	61	<5	<2	3	24	.4	2	<2	51	.75	.079	9	44	.93	238	.08	<2	1.12	.01	.29	<1	2
E 100011	5	62	10	63	.2	42	6	363	2.46	9	<5	<2	3	33	<.2	<2	<2	41	.52	.077	7	40	.78	233	.05	<2	.97	.01	.30	1	1
E 100012	4	66	11	74	.3	40	6	331	2.66	5	<5	<2	2	11	.3	3	<2	45	.32	.078	6	41	.85	307	.08	<2	1.08	.01	.41	<1	1
E 100013	4	71	10	67	.2	34	7	413	2.89	7	<5	<2	3	18	.2	3	<2	47	.43	.081	8	39	.94	307	.11	<2	1.18	.02	.45	<1	1
E 100014	6	71	3	46	<.1	37	7	374	2.47	6	<5	<2	2	14	.2	<2	<2	43	.34	.074	8	40	.78	246	.08	6	1.02	.01	.34	<1	1
E 100015	5	67	10	68	.4	36	8	630	2.65	14	<5	<2	3	63	.2	2	<2	53	1.38	.076	9	44	.92	242	.10	<2	1.09	.01	.34	<1	1
E 100016	4	61	9	69	.2	44	7	515	2.82	<2	<5	<2	3	26	<.2	2	<2	62	.66	.080	9	47	.94	188	.09	<2	1.12	.01	.29	<1	<1
E 100017	4	68	<2	81	.2	39	8	413	2.91	6	<5	<2	4	11	.4	4	<2	62	.37	.083	10	50	.95	235	.11	<2	1.16	.01	.35	<1	<1
E 100018	5	72	13	74	.2	47	10	535	3.34	12	<5	<2	4	13	.8	2	<2	74	.45	.091	11	59	1.11	178	.12	<2	1.32	.01	.24	1	<1
E 100019	4	69	8	63	.1	41	7	412	2.81	<2	<5	<2	3	13	.4	2	<2	59	.40	.078	9	49	.93	238	.11	<2	1.16	.01	.37	1	<1
E 100020	4	64	7	74	<.1	37	7	486	2.73	5	<5	<2	3	19	<.2	5	<2	62	.51	.083	10	49	.96	136	.10	<2	1.12	.01	.17	<1	<1
E 100021	7	66	14	59	.1	51	9	591	3.01	<2	<5	<2	4	98	.6	3	<2	70	1.26	.089	10	58	1.10	323	.11	<2	1.19	.01	.19	1	<1
E 100022	4	74	9	72	.2	46	7	383	2.79	11	<5	<2	3	14	.2	<2	<2	57	.39	.080	9	48	.96	285	.10	<2	1.20	.01	.44	<1	<1
E 100023	5	86	3	60	.1	50	9	450	3.02	4	<5	<2	3	12	<.2	<2	<2	73	.41	.088	11	61	1.01	218	.13	<2	1.22	.01	.28	<1	19
E 100024	5	82	9	81	.3	51	8	449	3.03	<2	<5	<2	4	9	.2	2	<2	81	.38	.090	13	65	1.08	192	.14	<2	1.22	.01	.27	2	3
E 100025	4	64	7	61	.2	115	13	731	3.05	24	<5	<2	2	70	.4	3	5	71	1.69	.058	9	155	1.89	227	.10	<2	1.46	<.01	.37	<1	3
E 100026	6	74	9	69	.3	88	10	456	2.98	11	<5	<2	3	29	.6	3	<2	78	.58	.077	9	111	1.86	429	.11	<2	1.75	.01	.76	4	1
E 100027	5	78	6	72	.2	44	9	364	2.63	5	<5	<2	3	13	<.2	<2	<2	49	.34	.077	8	45	.93	308	.06	<2	1.10	.02	.46	2	2
E 100028	8	59	2	74	.1	40	8	374	2.41	<2	<5	<2	3	12	.4	2	<2	50	.34	.082	7	41	.85	162	.03	<2	.98	.01	.22	<1	1
E 100029	6	93	13	64	<.1	104	16	565	3.75	6	<5	<2	3	143	<.2	<2	<2	89	2.87	.090	8	124	2.59	262	.07	<2	1.93	.01	.51	<1	2
E 100030	1	46	<2	73	<.1	229	35	785	5.79	40	<5	<2	3	201	<.2	<2	<2	119	4.11	.114	8	199	6.51	515	.24	<2	3.94	.01	1.39	1	3
E 100031	1	32	5	41	<.1	725	47	872	4.11	67	<5	<2	3	288	.3	<2	<2	84	5.73	.086	4	1214	6.93	121	.12	<2	3.03	<.01	.36	<1	4
E 100032	1	47	<2	52	<.1	231	32	550	5.10	10	<5	<2	3	132	.2	<2	<2	105	3.86	.137	10	321	4.42	429	.30	<2	2.78	.02	1.25	<1	1
E 100033	2	45	12	82	.1	173	42	682	4.43	17	<5	<2	11	263	.8	<2	<2	131	17.78	.146	10	210	2.84	482	.18	<2	2.04	.02	.69	<1	1
E 100034	1	60	4	58	<.1	233	39	563	4.31	12	<5	<2	9	160	<.2	4	<2	104	14.03	.159	7	276	3.83	361	.23	<2	2.19	.02	.68	1	<1
STANDARD C/AU-R	21	64	43	139	7.5	71	31	1095	4.16	38	17	7	39	54	19.3	15	18	57	.49	.097	37	56	.94	181	.10	34	1.97	.07	.16	14	530

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: DEC 5 1994 DATE REPORT MAILED: Dec 8/94 SIGNED BY......D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
E 100035	1	57	5	77	<.1	198	44	424	4.96	5	<5	<2	5	121	.6	<2	<2	165	10.46	.179	8	171	3.71	213	.24	3	2.20	.04	.52	1	2
E 100036	1	71	14	81	.2	261	52	579	6.10	44	<5	<2	7	294	.3	2	6	162	14.02	.161	13	157	4.49	61	.29	<2	2.49	.01	.23	2	35
E 100037	<1	35	3	86	<.1	206	31	611	5.00	<2	<5	<2	5	231	.3	<2	3	105	10.73	.136	9	217	3.39	486	.26	<2	2.23	.04	.90	<1	4
E 100038	2	43	10	40	<.1	258	35	464	4.69	<2	<5	<2	2	98	<.2	<2	3	93	3.75	.179	7	308	3.84	273	.25	<2	2.75	.04	1.29	1	1
E 100039	1	62	<2	37	<.1	225	29	522	3.71	3	<5	<2	3	200	<.2	<2	2	83	6.23	.164	7	229	3.07	209	.22	<2	1.96	.04	.82	2	1
E 100040	1	57	6	60	.2	277	48	668	6.08	26	<5	<2	7	271	.2	<2	<2	152	12.30	.137	10	266	4.97	95	.31	<2	2.63	.02	.46	3	32
E 100041	1	26	11	59	.2	284	38	511	4.96	<2	5	<2	3	86	<.2	<2	3	118	4.41	.123	6	526	4.91	211	.27	2	3.05	.03	.80	2	<1
E 100042	1	50	4	69	.4	206	30	524	4.21	10	<5	<2	5	125	<.2	3	8	97	6.46	.158	7	222	3.37	249	.26	<2	2.14	.04	.91	2	2
E 100043	<1	27	5	75	<.1	130	36	754	4.81	7	<5	<2	5	298	.2	<2	3	137	16.71	.121	9	120	3.43	219	.25	<2	2.14	.02	.54	<1	1
E 100044	<1	45	4	68	<.1	223	47	575	3.64	8	<5	<2	6	121	.5	<2	<2	131	15.76	.117	7	239	2.70	507	.25	<2	2.12	.04	.89	<1	2
E 100045	1	45	9	54	.1	248	35	474	3.60	<2	<5	<2	5	130	.6	<2	3	95	13.81	.150	7	174	2.94	168	.20	3	1.85	.04	.36	<1	2
E 100046	<1	53	6	48	.1	257	42	538	4.15	<2	<5	<2	5	140	.3	<2	<2	100	13.38	.155	7	230	4.10	56	.19	<2	2.15	.02	.15	<1	1
E 100047	<1	39	8	63	<.1	289	49	598	5.36	2	<5	<2	5	257	<.2	<2	2	155	15.30	.130	9	304	5.54	84	.19	<2	2.76	<.01	.20	<1	1
E 100048	4	39	8	57	.2	215	30	598	4.59	4	5	<2	4	202	.4	<2	3	107	6.53	.144	8	226	3.32	269	.31	<2	2.16	.04	.84	<1	1
E 100049	13	34	4	19	<.1	28	7	521	1.86	<2	<5	<2	<2	23	<.2	<2	<2	23	.57	.052	8	24	.60	68	.02	<2	.69	.01	.09	<1	1
E 100050	14	64	4	52	.3	40	6	511	2.32	3	<5	<2	3	22	<.2	<2	<2	47	.67	.063	9	40	.74	84	.05	2	.82	.01	.10	1	1
E 100051	5	69	2	69	.1	45	15	804	4.00	5	<5	<2	2	128	.5	<2	<2	63	3.52	.080	7	48	2.10	71	.03	4	1.72	.02	.18	2	1
RE E 100051	5	65	10	69	.3	46	15	791	3.93	3	<5	<2	3	125	<.2	4	3	62	3.47	.078	6	49	2.05	76	.03	4	1.69	.02	.17	1	1
E 100052	7	62	5	62	.5	43	9	544	3.02	2	<5	<2	3	113	.3	<2	<2	43	2.14	.077	7	32	1.25	79	.02	2	1.09	.01	.15	1	2
E 100053	8	54	19	41	.3	157	29	719	5.37	56	<5	<2	4	234	.4	<2	<2	64	5.58	.114	12	84	2.92	60	.10	<2	1.58	.01	.12	1	40
E 100054	4	121	11	81	.4	454	74	716	6.90	89	<5	<2	6	252	.2	<2	<2	93	8.77	.221	25	144	3.62	66	.39	<2	1.87	.01	.17	<1	11
E 100055	4	24	15	77	.5	366	64	642	6.44	140	<5	<2	6	247	.6	<2	3	106	10.35	.144	11	188	3.72	36	.35	3	1.83	<.01	.10	3	38
E 100056	2	51	7	88	<.1	231	46	613	4.49	13	<5	<2	5	218	.5	<2	<2	120	13.22	.128	17	182	2.98	190	.31	<2	1.76	.02	.49	<1	1
E 100057	3	28	10	64	<.1	279	60	636	6.41	9	<5	<2	4	268	.4	<2	<2	178	14.03	.198	12	292	5.38	152	.31	<2	2.63	.02	1.03	3	2
E 100058	3	26	4	71	.1	307	55	649	6.26	7	<5	<2	4	260	.2	<2	<2	174	13.43	.175	9	303	5.81	171	.31	<2	2.80	.02	1.11	<1	2
E 100059	1	49	7	76	<.1	356	46	748	5.19	30	<5	<2	6	310	.3	<2	<2	123	15.72	.100	12	332	4.04	286	.27	<2	2.33	.02	.78	<1	2
E 100060	2	32	6	79	.1	158	36	583	4.25	9	<5	<2	6	199	.2	<2	<2	127	16.68	.151	10	157	2.88	288	.18	<2	1.98	.01	.57	<1	1
E 100061	<1	32	3	64	.1	174	34	454	3.20	<2	<5	<2	4	235	.4	<2	<2	110	20.60	.125	7	144	1.76	297	.17	<2	1.38	.01	.37	<1	8
E 100062	16	59	4	91	.2	54	7	461	2.09	<2	<5	<2	2	38	.9	<2	<2	27	1.01	.077	5	27	.65	139	.02	3	.56	.01	.16	<1	2
E 100063	15	57	2	108	.5	51	7	367	2.08	<2	8	<2	3	48	.9	4	<2	26	.91	.076	5	23	.58	131	.01	3	.52	<.01	.15	<1	7
E 100064	11	66	7	93	.2	49	7	399	2.28	<2	7	<2	3	47	.4	<2	<2	30	.98	.074	7	26	.64	189	.03	2	.53	.01	.25	1	4
E 100065	3	32	3	71	<.1	275	33	734	5.34	3	<5	<2	4	221	.5	<2	<2	130	7.02	.094	14	314	5.03	104	.26	<2	2.74	.01	.39	1	3
E 100066	11	26	6	63	<.1	154	22	499	3.60	10	<5	<2	4	194	.4	<2	<2	116	7.32	.093	10	185	2.44	82	.17	<2	1.55	.01	.09	<1	1
E 100067	2	28	15	69	.2	302	43	634	5.35	4	<5	<2	5	331	<.2	<2	4	153	13.30	.134	12	270	5.13	191	.29	<2	2.63	.02	.46	<1	1
E 100068	7	54	5	125	<.1	155	14	683	3.16	7	<5	<2	3	145	.4	<2	5	123	3.21	.107	7	182	2.46	323	.14	<2	1.64	.01	.47	<1	2
STANDARD C/AU-R	20	60	43	123	7.1	73	31	1017	3.96	43	16	5	36	51	18.8	14	21	57	.51	.090	40	60	.90	177	.09	34	1.88	.05	.15	15	460

Sample type: CORE. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
E 100069	8	24	3	98	<.1	137	10	840	3.34	3	<5	<2	3	355	.2	<2	<2	91	9.33	.135	5	103	2.31	86	.10	<2	1.55	.03	.22	<1	1
E 100070	3	24	4	81	.1	383	26	609	4.63	8	7	<2	<2	125	.4	<2	<2	48	2.77	.194	6	607	5.94	811	.15	<2	3.52	.01	.42	1	28
E 100071	3	77	5	55	.5	129	16	407	2.73	2	10	<2	3	38	.5	2	5	50	.64	.065	7	214	2.48	89	.17	2	1.70	.02	.29	1	2
E 100072	1	79	<2	67	.4	669	39	490	3.23	23	7	<2	2	147	<.2	3	<2	57	2.17	.071	3	1461	5.59	62	.10	<2	2.97	<.01	.22	1	16
E 100073	1	40	5	61	.1	599	36	416	2.87	14	8	<2	2	66	<.2	<2	<2	46	1.10	.073	3	1402	4.95	4	.07	<2	2.81	<.01	.02	<1	3
E 100074	5	66	4	59	<.1	45	6	340	2.51	5	<5	<2	4	18	<.2	3	<2	93	.33	.072	6	84	.97	380	.11	2	.91	.03	.46	2	1
E 100075	4	30	<2	69	.2	421	25	534	3.39	13	<5	<2	3	56	.2	4	3	83	.72	.073	5	975	4.30	49	.08	4	2.77	.01	.20	<1	2
E 100076	<1	85	4	65	.1	398	30	585	4.11	17	<5	<2	2	92	.4	2	4	97	1.86	.069	2	845	5.37	164	.13	4	3.26	.02	.50	<1	2
E 100077	1	74	10	61	.1	605	39	504	4.17	9	<5	<2	3	113	.3	4	8	67	1.34	.082	6	1008	7.30	458	.19	3	4.24	.02	1.75	<1	3
E 100078	2	83	10	58	.2	300	21	516	3.44	24	<5	<2	<2	93	.2	<2	<2	59	1.55	.096	2	898	3.63	364	.10	<2	2.30	.03	.53	<1	2
E 100079	1	31	17	63	<.1	319	23	668	3.43	25	<5	<2	<2	165	<.2	<2	5	60	3.01	.077	2	828	4.47	400	.11	<2	2.52	.02	.71	<1	1
E 100080	1	26	3	82	<.1	328	41	723	6.18	<2	<5	<2	2	216	.3	<2	6	124	2.93	.133	10	507	6.79	690	.42	<2	4.57	.03	3.95	<1	2
E 100081	1	32	9	78	.1	253	35	616	5.63	2	<5	<2	2	207	.5	<2	<2	114	3.25	.136	9	447	5.64	550	.39	<2	3.86	.03	2.90	<1	2
E 100082	1	77	10	107	.4	228	36	657	5.87	<2	<5	<2	3	177	.3	3	<2	112	3.19	.112	8	324	5.16	474	.38	<2	3.57	.05	2.02	<1	2
E 100083	6	53	4	82	.4	35	7	283	2.67	8	11	<2	4	9	<.2	2	3	49	.25	.076	11	62	.85	179	.07	<2	1.12	.01	.37	<1	2
E 100084	2	41	2	117	<.1	170	31	552	5.46	13	<5	<2	5	162	.4	<2	2	119	6.54	.192	15	269	3.43	1154	.28	<2	2.85	.04	1.64	<1	2
E 100085	6	20	2	84	<.1	209	34	663	5.48	9	<5	<2	5	249	.4	<2	<2	129	9.17	.144	12	232	5.35	259	.25	2	2.86	.02	.35	<1	<1
E 100086	1	48	7	102	.5	328	49	688	5.75	10	10	<2	8	337	.6	4	5	132	14.25	.164	11	437	3.50	675	.27	3	2.46	.03	.99	<1	3
E 100087	3	60	7	84	.1	297	44	584	5.85	16	<5	<2	5	303	.6	<2	<2	125	11.81	.147	9	425	5.59	385	.26	4	3.23	.02	1.24	<1	4
E 100088	9	46	6	73	.1	100	15	732	3.87	17	<5	<2	3	215	.2	<2	2	60	3.46	.115	10	110	2.72	66	.02	<2	1.65	.02	.13	<1	6
E 100089	20	54	8	95	.2	79	13	579	3.32	16	<5	<2	2	58	.2	<2	<2	52	1.33	.093	8	88	1.85	198	.07	<2	1.53	.01	.52	<1	3
E 100090	13	67	9	81	.2	46	7	382	2.13	12	<5	<2	2	38	.4	<2	<2	33	.79	.080	7	28	.81	131	.01	3	.81	.01	.15	<1	4
RE E 100090	13	64	7	76	.1	44	7	371	2.07	9	<5	<2	2	38	.4	<2	2	32	.77	.079	7	27	.79	131	.01	3	.79	.01	.15	<1	2
E 100091	11	59	8	72	.3	40	6	448	2.86	10	7	<2	3	13	<.2	<2	<2	36	.38	.088	12	34	.86	158	.03	2	.96	.01	.18	<1	3
E 100092	8	40	<2	57	.1	103	15	456	3.24	10	<5	<2	2	72	.3	<2	2	65	1.79	.100	12	140	2.37	183	.10	2	1.78	.01	.34	<1	1
E 100093	3	51	10	81	.2	104	18	935	4.71	5	6	<2	3	97	.5	<2	<2	83	3.95	.101	5	119	3.16	279	.22	3	2.64	.04	.81	<1	1
E 100094	7	49	6	63	.1	37	5	449	2.07	6	<5	<2	2	47	.5	<2	<2	53	1.35	.063	8	42	.73	82	.06	<2	.74	.01	.12	<1	1
E 100095	6	39	6	94	<.1	75	6	659	2.61	8	<5	<2	3	131	.9	<2	<2	71	3.47	.087	9	73	1.58	48	.09	4	1.07	.01	.08	<1	1
E 100096	2	32	8	55	<.1	367	23	587	2.97	23	<5	<2	<2	82	.3	<2	6	57	2.21	.072	7	659	4.22	64	.10	<2	2.44	.01	.18	1	1
E 100097	4	79	7	84	<.1	329	21	442	3.67	67	<5	<2	2	47	<.2	2	<2	90	1.36	.136	8	292	4.06	122	.14	<2	2.87	.02	.25	<1	6
E 100098	3	73	7	74	.1	49	8	362	2.83	5	<5	<2	3	19	.2	<2	<2	88	.45	.073	11	70	1.24	219	.07	4	1.25	.03	.32	<1	1
E 100099	4	26	8	61	<.1	198	17	572	2.91	13	<5	<2	2	83	<.2	<2	<2	73	2.16	.066	7	355	3.25	54	.10	2	1.84	<.01	.09	<1	1
E 100100	2	65	9	81	<.1	316	31	730	5.39	8	<5	<2	2	99	.3	<2	<2	118	2.29	.115	10	553	5.12	587	.34	3	3.80	.02	1.72	<1	2
E 100101	4	58	3	59	<.1	36	7	403	2.66	3	<5	<2	3	9	<.2	<2	<2	73	.28	.063	7	61	.96	124	.13	3	1.07	.02	.47	<1	2
E 100102	2	43	11	64	<.1	259	19	458	2.97	20	<5	<2	2	22	<.2	<2	3	75	.44	.065	8	587	2.70	201	.09	4	1.90	.01	.23	<1	2
STANDARD C/AU-R	19	57	38	126	6.8	72	32	1029	3.96	41	21	6	37	49	17.8	14	20	60	.51	.091	42	60	.91	184	.08	34	1.88	.06	.15	15	510

Sample type: CORE. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
E 100103	1	36	17	87	<.1	72	13	575	4.83	8	5	<2	11	169	<.2	2	<2	52	5.26	.048	21	83	1.78	471	.17	3	1.90	.05	.74	1	2
E 100104	2	41	13	50	<.1	47	13	499	3.43	<2	<5	<2	7	33	.3	<2	<2	33	1.11	.048	16	69	.86	247	.19	3	1.58	.05	.93	2	4
E 100105	1	45	6	81	.1	59	20	602	4.68	2	8	<2	12	40	<.2	4	<2	50	.89	.050	30	79	1.59	579	.22	2	2.35	.04	1.35	<1	3
E 100106	<1	189	4	46	<.1	71	36	425	4.84	5	<5	<2	2	33	<.2	<2	<2	59	1.34	.068	4	99	1.50	162	.22	<2	1.72	.09	.53	1	1
E 100107	2	33	9	51	<.1	32	9	375	3.22	<2	<5	<2	11	13	<.2	<2	<2	20	.42	.035	21	29	.71	114	.09	<2	1.20	.02	.31	3	1
E 100108	1	71	9	43	<.1	50	19	393	3.08	4	<5	<2	7	21	.2	3	3	33	.88	.055	15	54	.95	179	.16	3	1.35	.04	.57	2	13
E 100109	1	1033	25	90	.5	58	27	737	7.25	<2	<5	<2	<2	133	.5	2	7	101	2.99	.114	4	67	2.47	41	.18	<2	2.12	.06	.14	2	26
E 100110	1	61	<2	68	<.1	443	34	509	4.02	13	<5	<2	2	110	.7	2	3	92	1.97	.121	3	612	4.65	117	.13	2	2.91	.02	.46	1	3
E 100111	1	21	9	57	<.1	544	34	461	3.52	17	<5	<2	<2	107	<.2	<2	5	65	1.87	.111	7	998	5.36	200	.19	<2	3.19	.01	.73	2	3
E 100112	1	26	2	66	<.1	532	37	486	3.90	21	<5	<2	<2	163	.2	2	3	69	2.72	.101	6	831	5.70	207	.22	5	3.21	.02	.62	<1	13
E 100113	2	36	<2	80	<.1	787	49	717	5.27	25	<5	<2	2	209	.7	<2	<2	95	3.37	.125	3	1326	8.12	359	.17	<2	4.64	.02	1.17	1	1
E 100114	1	71	4	40	<.1	496	30	491	2.97	14	<5	<2	<2	110	<.2	<2	3	63	1.67	.059	<2	1864	5.18	10	.03	<2	2.74	.01	.02	2	2
E 100115	1	25	23	50	<.1	664	39	611	3.23	14	<5	<2	<2	190	.2	<2	5	64	3.13	.062	<2	1888	6.09	5	.03	2	2.86	.01	.01	1	1
E 100116	1	48	<2	39	<.1	633	35	689	3.56	<2	<5	<2	<2	254	<.2	<2	7	79	3.83	.064	2	1331	6.13	115	.06	<2	2.88	.01	.32	1	42
E 100117	<1	55	4	38	<.1	522	30	499	2.82	3	<5	<2	<2	180	<.2	<2	3	60	2.77	.055	<2	1170	4.49	176	.06	<2	2.27	.01	.38	1	3
E 100118	1	37	<2	36	<.1	677	35	604	3.00	<2	<5	<2	2	222	.2	<2	<2	66	3.95	.052	<2	1325	5.65	4	.02	5	2.50	<.01	.01	1	3
E 100119	2	29	<2	61	<.1	627	33	687	3.30	7	<5	<2	<2	149	<.2	<2	3	68	2.77	.068	2	1570	5.94	11	.04	2	3.04	.01	.03	2	3
E 100120	1	64	6	61	<.1	201	21	899	4.14	7	<5	<2	<2	204	<.2	<2	3	83	3.73	.084	5	287	3.86	79	.11	<2	2.38	.03	.30	1	3
E 100121	1	22	5	70	<.1	503	33	502	3.65	4	<5	<2	2	114	<.2	<2	5	75	1.48	.077	6	1079	5.53	223	.18	<2	3.37	.01	.70	1	4
E 100122	<1	20	7	60	.1	626	40	364	3.16	13	<5	<2	<2	50	<.2	5	<2	56	.60	.075	3	1455	5.47	28	.11	2	3.25	.01	.07	2	1
E 100123	<1	38	6	65	.2	32	16	839	4.17	2	<5	<2	<2	153	.6	2	<2	100	2.53	.080	2	40	2.14	264	.23	3	1.90	.08	1.15	1	2
E 100124	1	45	2	82	.3	249	32	544	4.86	12	<5	<2	4	279	<.2	4	4	55	5.90	.249	8	252	4.49	178	.18	2	2.49	.03	.32	1	14
E 100125	<1	51	7	82	.2	376	33	693	4.89	6	<5	<2	2	217	.2	2	<2	100	2.96	.089	7	516	6.13	370	.27	4	3.57	.04	1.10	<1	2
RE E 100125	<1	50	8	77	.1	377	35	692	4.81	8	<5	<2	2	216	.5	<2	3	100	2.91	.088	7	511	6.02	378	.27	2	3.51	.04	1.08	2	2
E 100126	2	34	<2	43	<.1	702	35	629	3.06	10	<5	<2	<2	443	<.2	<2	<2	68	4.63	.062	2	1206	6.18	11	.05	5	2.81	.01	.01	<1	1
E 100127	<1	51	<2	47	<.1	697	35	471	2.78	4	<5	<2	<2	208	<.2	<2	4	51	2.41	.059	<2	1651	4.93	16	.04	<2	2.33	.01	.01	<1	1
E 100128	1	47	<2	44	<.1	633	36	506	3.54	2	<5	<2	<2	224	.2	<2	5	65	2.64	.091	2	1210	6.15	9	.06	2	3.10	.01	<.01	<1	4
E 100129	1	54	5	54	<.1	627	38	556	3.49	12	<5	<2	2	187	<.2	2	4	68	2.36	.072	3	1300	5.72	7	.08	2	3.03	.02	.02	1	1
E 100130	<1	52	9	67	.2	70	21	587	4.89	12	<5	<2	2	144	.3	2	<2	63	6.04	.159	3	94	2.83	354	.17	2	2.22	.04	.82	<1	4
E 100131	1	169	6	94	.3	22	14	536	5.20	<2	<5	<2	3	143	.4	<2	2	49	2.96	.158	10	31	2.18	280	.12	2	1.71	.05	.41	<1	5
E 100132	1	73	10	97	<.1	12	18	609	5.58	5	<5	<2	3	172	<.2	<2	<2	55	4.28	.180	9	13	2.40	337	.21	3	1.93	.07	.56	1	3
E 100133	14	46	3	91	.4	343	22	465	3.04	38	<5	<2	3	107	<.2	3	5	96	2.38	.143	6	308	3.23	263	.13	<2	1.91	.04	.60	1	8
STANDARD C/AU-R	20	60	43	137	7.2	74	31	1053	3.96	44	24	6	38	53	18.7	16	22	60	.49	.095	40	62	.93	189	.09	32	1.88	.06	.16	13	510

Sample type: CORE. Samples beginning 'RE' are duplicate samples.

ACME A YTICAL LABORATORIES LTD. 852 E. HASTINGS ST. COUVER BC V6A 1R6 PHONE(604)253-3158 FAX(6)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Caramelia Project
Nov. 1994.

Gold City Resources Inc. File # 94-4425 Page 1
902 - 626 W. Pender St., Vancouver BC V6B 1V9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
E 100134	24	131	10	74	.1	144	23	706	4.37	4	<5	<2	2	177	.5	4	<2	130	4.24	.133	5	131	3.36	137	.06	8	2.02	.04	.32	2	3
E 100135	3	30	16	98	.2	24	18	810	7.64	<2	<5	<2	3	140	.4	6	<2	53	4.88	.249	11	23	3.13	119	.03	10	2.97	.03	.44	2	18
E 100136	2	68	8	92	.3	277	35	868	6.00	<2	<5	<2	3	241	.7	3	3	123	4.80	.109	5	265	5.92	171	.08	3	2.81	.04	.45	<1	4
E 100137	4	43	7	78	.1	800	40	874	4.57	13	<5	<2	3	183	.6	4	7	130	3.48	.082	7	988	8.09	238	.08	11	3.74	.02	1.03	2	2
E 100138	3	141	30	66	.1	320	20	571	3.95	<2	<5	<2	2	126	.2	3	<2	121	1.93	.083	5	443	3.77	65	.02	3	1.89	.03	.19	<1	3
E 100139	3	69	3	42	<.1	732	37	493	3.38	<2	<5	<2	2	141	<.2	3	<2	88	2.28	.070	5	951	5.00	66	.07	3	2.29	.03	.21	2	3
E 100140	2	53	3	38	<.1	788	45	582	3.59	12	<5	<2	<2	186	<.2	<2	8	86	3.07	.104	7	1203	6.41	54	.10	5	3.29	.01	.20	1	1
E 100141	3	71	4	56	<.1	51	7	366	2.95	<2	<5	<2	3	16	<.2	3	<2	106	.41	.067	7	78	1.30	101	.05	<2	1.10	.04	.19	1	3
E 100142	3	54	2	52	<.1	186	15	402	2.96	12	<5	<2	3	65	.3	2	5	105	1.11	.061	11	314	2.94	182	.07	<2	1.77	.03	.61	2	5
E 100143	2	40	4	54	<.1	340	23	535	3.22	27	<5	<2	<2	75	.2	3	3	88	1.64	.083	6	646	3.95	195	.09	4	2.31	.03	.48	<1	11
E 100144	4	33	7	74	.1	218	17	454	3.07	41	<5	<2	<2	124	<.2	<2	<2	110	3.12	.128	5	246	3.29	385	.10	6	1.91	.03	.69	<1	14
E 100145	1	45	7	84	.3	34	19	867	5.65	<2	<5	<2	2	158	.3	<2	3	92	7.18	.164	5	45	3.01	291	.16	2	2.24	.05	.89	<1	7
E 100146	1	81	9	79	.3	28	20	836	5.82	<2	<5	<2	<2	117	<.2	<2	8	103	5.86	.145	3	46	2.79	436	.20	<2	2.26	.05	1.10	<1	13
E 100147	1	57	5	82	.3	280	41	753	6.74	<2	<5	<2	2	256	.3	<2	13	159	6.17	.136	4	543	4.79	524	.29	2	3.85	.02	2.26	<1	3
RE E 100147	1	58	4	84	.4	292	42	754	6.85	<2	<5	<2	2	258	.2	<2	10	160	6.28	.139	4	549	4.88	523	.29	4	3.88	.03	2.27	<1	5
E 100148	4	44	2	83	.2	298	33	640	5.51	<2	<5	<2	2	296	<.2	<2	<2	125	6.98	.145	6	291	3.87	756	.28	<2	3.02	.05	2.04	<1	2
E 100149	2	50	5	69	.2	265	32	513	5.09	<2	<5	<2	<2	227	<.2	<2	5	124	4.52	.134	6	273	3.93	489	.25	<2	2.90	.05	1.49	<1	1
E 100150	2	51	2	58	.2	273	27	539	4.02	2	<5	<2	2	209	<.2	<2	2	86	4.47	.142	8	227	3.01	187	.21	<2	1.97	.06	.60	<1	6
E 100151	<1	31	2	65	.2	14	18	954	4.41	4	<5	<2	<2	292	<.2	<2	<2	70	4.54	.077	3	18	2.24	150	.07	6	1.68	.03	.55	<1	9
E 100152	<1	45	2	77	.2	15	7	1108	4.14	4	<5	<2	<2	132	<.2	<2	<2	98	3.16	.100	6	11	1.37	106	.16	<2	1.78	.06	1.21	<1	12
E 100153	2	20	118	283	.2	196	29	1596	3.82	28	<5	<2	5	1213	1.0	<2	<2	54	17.88	.084	9	149	2.77	198	.06	3	1.51	.01	.73	<1	7
E 100154	7	31	10	120	.1	94	12	1391	3.89	3	<5	<2	16	345	<.2	<2	3	46	5.75	.085	22	104	1.84	183	.07	3	1.57	.03	.67	<1	14
E 100155	7	22	9	104	.1	80	10	1240	3.91	7	<5	<2	7	363	<.2	2	6	67	4.88	.079	13	119	1.54	260	.10	2	1.56	.03	.84	1	5
E 100156	7	232	37	152	.8	81	4	172	6.50	7	8	<2	63	18	.7	2	4	7	.32	.026	16	7	.16	45	<.01	<2	.41	.04	.13	<1	76
E 100157	6	61	18	261	.4	40	4	463	3.09	7	9	<2	39	50	1.8	2	<2	25	1.01	.040	31	37	.72	98	.03	<2	.84	.03	.33	1	14
E 100158	6	49	6	66	<.1	37	7	750	2.10	4	<5	<2	3	89	<.2	<2	<2	19	2.00	.061	5	24	.85	123	.02	2	.65	.01	.21	1	5
E 100159	4	58	13	102	.1	59	19	1089	3.67	31	<5	<2	2	355	<.2	2	<2	10	4.34	.070	4	12	2.22	99	<.01	<2	.50	.01	.21	<1	8
E 100160	1	60	7	38	.1	45	21	1106	4.14	18	8	<2	<2	455	<.2	<2	<2	10	5.04	.057	<2	9	2.94	97	<.01	2	.46	.01	.24	<1	52
E 100161	7	56	12	64	.3	45	6	468	2.24	10	<5	<2	2	117	<.2	3	<2	17	1.71	.074	6	17	.86	105	<.01	4	.43	<.01	.16	1	10
E 100162	5	38	9	81	.3	73	11	717	2.93	18	<5	<2	3	196	<.2	2	<2	16	3.49	.080	5	25	1.78	85	<.01	2	.47	<.01	.14	<1	14
E 100163	18	21	15	89	.1	205	28	657	5.20	32	<5	<2	2	224	<.2	<2	<2	73	3.92	.116	7	184	5.02	116	.04	<2	2.31	<.01	.37	1	14
E 100164	14	40	3	65	.1	138	22	552	3.61	34	<5	<2	2	271	<.2	<2	4	63	6.41	.081	6	140	2.68	90	.03	5	1.47	.01	.23	<1	7
E 100165	5	65	4	85	.2	111	33	727	5.91	5	<5	<2	3	180	<.2	<2	4	145	5.25	.131	13	95	3.90	132	.07	<2	2.72	.01	.41	<1	3
E 100166	3	80	<2	79	.2	99	27	720	5.93	<2	<5	<2	2	209	<.2	<2	8	164	6.23	.146	10	75	3.94	423	.15	7	2.57	.03	.83	<1	3
E 100167	2	30	<2	62	<.1	120	20	628	3.89	5	<5	<2	2	106	<.2	<2	<2	86	1.83	.070	15	171	2.83	94	.04	<2	1.77	.01	.23	<1	2
STANDARD C/AU-R	20	63	38	129	7.1	73	32	1056	3.96	43	18	7	37	53	18.1	15	20	62	.50	.094	40	60	.94	182	.08	34	1.88	.06	.16	13	530

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: DEC 10 1994 **DATE REPORT MAILED:** Dec 16/94 **SIGNED BY**..........D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

CARAMELIA PROJECT

Gold City Resources Inc. FILE # 94-4425 NOV. 1994. Page 2

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
E 100168	2	67	11	87	.1	131	20	686	4.78	<2	8	<2	3	105	.5	<2	<2	80	2.03	.091	23	163	3.12	64	.04	3	2.41	.02	.21	<1	6
E 100169	1	71	9	66	<.1	225	32	1061	5.71	3	<5	<2	2	322	.4	<2	<2	108	8.24	.102	10	181	5.76	121	.11	<2	2.14	.01	.35	<1	3
E 100170	2	59	15	86	<.1	394	46	762	7.30	<2	<5	<2	2	249	.2	<2	<2	166	6.09	.134	11	451	7.47	416	.18	<2	3.87	.03	.70	<1	2
E 100171	1	46	2	69	<.1	278	32	606	5.16	<2	<5	<2	<2	228	.2	<2	<2	118	6.65	.128	6	370	4.88	338	.27	<2	2.70	.08	.76	<1	7
RE E 100171	1	46	5	67	<.1	279	31	597	5.05	<2	<5	<2	<2	224	.7	<2	<2	115	6.54	.125	5	363	4.81	334	.26	<2	2.67	.08	.74	<1	3
E 100172	1	47	9	68	<.1	226	31	728	5.56	5	<5	<2	<2	212	.4	<2	<2	114	6.84	.133	7	251	4.78	269	.27	3	2.87	.07	.88	<1	4
E 100173	1	28	1064	660	1.4	94	19	2161	4.16	24	<5	<2	<2	348	6.0	<2	<2	67	5.27	.073	7	92	3.55	56	.02	<2	1.62	.02	.24	<1	24
E 100174	22	71	884	1016	1.3	90	16	1652	2.72	50	<5	<2	<2	149	10.2	<2	<2	31	5.09	.114	5	55	1.43	59	.03	<2	.86	<.01	.19	<1	200
E 100175	3	30	22	99	.1	129	23	745	4.64	4	<5	<2	3	166	.8	<2	<2	107	6.86	.148	12	142	3.21	590	.27	<2	2.33	.06	.94	<1	8
E 100176	4	55	13	61	.1	32	6	437	2.27	<2	<5	<2	3	16	.2	<2	<2	53	.44	.062	9	39	.80	383	.11	<2	1.07	.03	.59	<1	10
E 100177	8	52	14	61	<.1	32	5	373	1.98	36	<5	<2	2	29	.2	<2	<2	23	.50	.065	7	19	.65	132	.01	<2	.70	.01	.17	<1	13
E 100178	4	54	9	67	.2	33	7	390	2.24	8	<5	<2	3	19	.2	2	<2	52	.40	.067	7	37	.83	320	.08	<2	.97	.02	.48	2	11
E 100179	10	61	14	91	.2	41	6	492	2.15	5	<5	<2	2	40	.9	<2	<2	39	1.02	.073	6	30	.80	161	.01	3	.80	.01	.19	1	4
E 100180	9	66	7	90	<.1	81	13	449	3.13	<2	<5	<2	2	73	.4	<2	<2	65	2.70	.116	9	58	1.27	249	.12	<2	1.25	.02	.48	<1	9
E 100181	3	120	8	83	.1	103	32	517	6.12	<2	<5	<2	2	140	.8	<2	<2	168	3.67	.183	7	52	2.80	784	.38	<2	2.89	.10	1.83	<1	11
E 100182	5	54	4	77	.1	142	29	504	5.06	<2	<5	<2	<2	122	.5	<2	<2	147	3.36	.181	5	157	3.02	797	.41	<2	2.96	.08	2.22	<1	4
E 100183	4	65	9	79	.1	169	21	553	3.59	7	<5	<2	2	73	.9	2	<2	78	2.59	.109	7	209	1.67	462	.26	2	1.73	.04	.89	<1	2
E 100184	5	55	6	87	.1	163	19	552	3.04	9	<5	<2	2	131	.5	2	4	69	5.51	.105	7	136	1.78	373	.17	3	1.41	.02	.58	1	3
E 100185	1	58	2	52	<.1	169	29	473	3.55	<2	<5	<2	<2	119	.5	<2	<2	86	6.76	.149	7	189	2.52	488	.35	<2	1.92	.09	1.02	1	3
E 100186	2	57	6	71	.2	101	29	495	4.76	3	<5	<2	<2	104	.6	2	<2	125	5.24	.220	5	50	2.18	743	.34	<2	2.11	.08	1.30	<1	8
E 100187	2	59	2	68	.1	119	27	532	4.93	3	<5	<2	2	128	.5	<2	<2	120	6.06	.190	8	91	2.69	670	.37	<2	2.26	.09	1.43	1	1
E 100188	1	32	6	48	<.1	166	27	607	3.21	4	<5	<2	<2	204	.3	<2	<2	73	10.14	.121	3	249	2.98	295	.32	2	1.83	.08	.82	<1	1
E 100189	1	50	7	46	.2	266	36	642	3.43	10	<5	<2	3	297	.6	<2	<2	81	17.53	.114	4	321	3.27	150	.21	5	1.85	.05	.46	<1	10
E 100190	1	51	3	61	.2	271	35	660	4.54	4	<5	<2	2	401	.6	<2	<2	113	12.54	.119	9	358	4.24	175	.37	3	2.04	.05	.55	1	6
E 100191	3	48	8	78	.2	358	44	801	6.55	5	<5	<2	2	438	1.4	3	<2	153	8.52	.125	11	459	4.30	409	.33	5	2.75	.05	1.35	2	4
E 100192	2	49	7	64	.2	165	29	521	4.64	<2	<5	<2	<2	170	.5	3	<2	114	4.48	.156	5	169	2.56	444	.33	4	2.22	.09	1.25	1	4
E 100193	2	55	2	64	.1	165	29	537	4.50	<2	<5	<2	<2	177	.5	4	<2	111	5.02	.163	5	192	2.39	367	.37	2	2.12	.10	1.28	4	4
E 100194	3	41	5	65	.1	166	30	435	4.43	3	<5	<2	<2	104	.4	4	<2	116	3.11	.168	4	184	2.26	406	.35	3	2.21	.09	1.37	2	2
E 100195	3	51	4	74	.2	171	32	511	4.97	3	<5	<2	<2	140	.5	4	<2	130	4.17	.166	4	136	2.64	393	.36	10	2.42	.09	1.33	3	1
E 100196	3	39	3	60	.1	138	23	482	4.05	5	<5	<2	<2	160	1.3	5	<2	117	4.38	.111	4	133	2.19	194	.31	2	1.86	.06	.83	1	2
E 100197	2	51	6	61	.1	304	36	543	4.51	14	<5	<2	2	291	.5	3	<2	103	6.11	.121	6	418	3.38	304	.33	4	2.28	.05	1.15	1	3
E 100198	1	55	5	75	.1	194	36	451	5.38	<2	<5	<2	2	141	1.1	3	<2	149	2.75	.145	10	460	3.01	610	.36	<2	2.76	.07	2.06	1	2
E 100199	2	96	2	69	.2	208	35	532	5.19	<2	<5	<2	2	283	1.3	5	<2	132	4.80	.156	10	269	3.36	490	.36	4	2.65	.07	1.79	2	5
E 100200	2	24	9	53	.2	254	32	430	3.52	17	<5	<2	2	251	.8	7	<2	77	3.51	.153	7	386	2.81	244	.27	4	2.05	.06	.90	3	1
E 100201	2	20	4	48	.1	248	30	367	3.30	9	<5	<2	<2	252	.3	3	6	78	3.12	.137	8	393	2.57	115	.29	4	1.75	.06	.42	2	2
STANDARD C/AU-R	20	62	40	131	7.1	75	32	1066	3.96	42	21	7	38	51	19.1	13	19	63	.50	.096	40	60	.95	184	.09	35	1.88	.07	.16	13	490

Sample type: CORE. Samples beginning 'RE' are duplicate samples.

CARAMELIA PROJECT
Nov. 1994.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
E 100202	1	17	4	46	<.1	328	31	488	3.40	6	<5	<2	2	419	.2	<2	<2	68	5.16	.117	6	407	2.96	240	.26	2	1.87	.06	.86	<1	1
E 100203	2	36	3	44	<.1	153	20	433	2.74	4	<5	<2	3	254	.2	<2	<2	49	3.38	.056	8	208	1.87	145	.18	3	1.46	.04	.48	2	1
E 100204	6	50	21	66	.3	33	7	340	2.75	12	<5	<2	12	74	.2	2	<2	45	.93	.103	33	37	.68	146	.07	2	1.13	.13	.19	1	2
E 100205	5	60	7	53	.2	34	6	288	2.12	<2	<5	<2	3	8	.2	<2	<2	34	.28	.070	8	26	.52	185	.06	2	.77	.01	.14	3	1
E 100206	5	56	8	73	.1	42	8	328	2.17	5	<5	<2	3	35	.5	<2	<2	35	.68	.071	8	27	.65	165	.05	<2	.76	.01	.12	3	1
E 100207	8	44	6	110	.2	188	26	743	4.37	12	<5	<2	4	235	.9	2	3	147	5.67	.112	13	233	3.11	71	.24	2	2.02	<.01	.06	1	1
E 100208	5	68	18	85	.2	43	8	337	2.31	7	<5	<2	3	28	.5	<2	<2	44	.72	.074	9	40	.77	159	.06	2	.88	<.01	.12	1	1
E 100209	8	60	10	131	.1	56	7	379	2.13	10	5	<2	3	30	1.2	<2	<2	65	.87	.090	7	49	.74	122	.08	<2	.82	<.01	.10	2	1
E 100210	8	61	13	126	.2	45	6	396	2.05	14	<5	<2	2	39	.7	4	<2	41	.81	.079	7	29	.69	122	.01	3	.74	<.01	.12	2	1
E 100211	28	65	8	75	.3	40	7	444	2.31	10	<5	<2	4	62	.5	3	<2	51	1.20	.069	10	36	.67	169	.07	2	.82	.01	.14	3	2
E 100212	5	56	10	76	.2	33	6	332	1.94	<2	<5	<2	3	23	.3	2	<2	33	.48	.064	6	25	.55	161	.01	<2	.68	.01	.14	1	1
E 100213	11	63	10	95	.2	42	8	408	2.76	4	<5	<2	6	22	1.3	<2	<2	37	.53	.071	12	25	.64	218	.02	<2	.90	.02	.17	1	3
E 100214	5	60	17	93	.2	37	8	458	2.44	6	<5	<2	3	22	.5	2	<2	34	.47	.076	9	24	.69	206	.02	2	.82	.01	.16	1	2
RE E 100214	4	60	16	96	.2	39	8	448	2.37	7	<5	<2	2	21	.5	<2	<2	33	.46	.074	9	23	.67	196	.02	2	.80	.01	.16	2	1
E 100215	6	68	6	83	.2	36	7	470	2.36	2	<5	<2	2	35	.6	3	<2	31	.67	.067	8	23	.65	196	.01	3	.79	.01	.15	2	2
E 100216	13	36	2	46	<.1	22	4	331	1.48	<2	<5	<2	<2	32	.6	<2	<2	28	.77	.049	5	22	.44	101	.04	3	.51	<.01	.08	<1	<1
E 100217	7	60	<2	63	.1	36	7	308	2.11	7	<5	<2	2	24	.7	2	<2	28	.55	.067	8	22	.55	172	.02	2	.70	<.01	.14	1	2
E 100218	6	46	5	72	.1	39	6	331	2.34	2	<5	<2	4	31	.4	<2	<2	64	.64	.074	11	38	.74	134	.10	3	.92	.02	.17	2	5
E 100219	6	49	4	53	.1	32	6	291	1.93	10	<5	<2	2	30	.6	2	<2	44	.72	.071	7	30	.58	92	.04	<2	.69	.01	.11	<1	5
E 100220	5	34	5	55	<.1	78	13	629	2.32	148	<5	<2	2	163	.6	2	<2	41	3.21	.088	8	69	1.12	93	.01	<2	.92	.01	.12	2	7
E 100221	6	74	<2	79	.1	122	26	786	5.32	2	<5	<2	3	345	1.1	<2	<2	146	7.37	.137	14	99	3.18	319	.13	3	2.21	.04	.44	<1	4
E 100222	2	19	2	99	<.1	501	51	878	7.34	21	<5	<2	3	452	.9	<2	<2	170	9.19	.127	18	444	6.51	343	.09	3	3.66	.01	.74	<1	5
E 100223	1	47	<2	79	<.1	332	46	819	6.49	6	<5	<2	3	265	1.0	<2	<2	160	6.68	.124	15	482	4.63	332	.28	<2	3.03	.04	1.21	<1	2
E 100224	2	69	7	73	<.1	173	30	865	5.35	<2	<5	<2	2	714	1.0	<2	<2	127	10.29	.120	10	193	4.27	323	.20	<2	2.47	.03	.66	<1	12
E 100225	1	76	3	73	.2	170	28	821	5.27	2	<5	<2	2	706	.7	<2	<2	128	10.80	.128	10	170	4.18	351	.22	2	2.38	.03	.63	<1	74
E 100226	4	67	10	99	.1	175	22	509	3.99	13	<5	<2	2	152	1.1	<2	<2	122	2.89	.113	9	195	2.32	253	.17	<2	1.77	.05	.41	<1	6
E 100227	3	22	7	48	.1	175	21	415	3.07	15	<5	<2	<2	250	.6	<2	<2	71	4.79	.147	5	159	2.02	285	.27	<2	1.57	.06	.66	<1	4
E 100228	2	20	4	57	<.1	261	29	464	3.76	17	<5	<2	<2	268	.3	3	<2	85	4.76	.139	6	252	2.73	281	.26	<2	1.94	.04	.67	<1	9
E 100229	2	24	2	49	.3	289	28	533	3.58	10	<5	<2	<2	349	.7	<2	<2	74	6.66	.147	6	252	2.79	274	.29	<2	1.89	.06	.74	<1	1
E 100230	1	71	3	66	.2	190	32	552	4.59	2	<5	<2	2	209	1.5	<2	<2	109	5.50	.142	8	168	3.04	371	.32	<2	2.29	.06	1.39	<1	2
E 100231	2	58	18	87	.1	193	35	605	5.99	2	<5	<2	2	219	1.5	<2	<2	158	4.14	.143	10	175	3.72	401	.36	2	2.85	.06	1.60	<1	6
E 100232	4	22	8	88	<.1	329	38	750	6.16	5	<5	<2	3	434	1.3	<2	<2	140	6.25	.138	13	408	5.11	307	.28	<2	3.02	.02	.87	<1	2
E 100233	1	51	<2	86	.1	219	36	536	5.76	6	<5	<2	2	240	1.3	<2	<2	148	3.71	.157	10	281	3.78	605	.36	<2	2.98	.05	1.50	<1	4
E 100234	2	99	<2	68	.1	196	27	551	4.03	7	<5	<2	<2	408	.5	<2	<2	82	6.44	.148	7	216	2.61	425	.30	<2	1.96	.05	1.04	<1	7
E 100235	1	13	<2	65	<.1	211	27	416	3.75	12	<5	<2	<2	195	.8	<2	<2	82	2.75	.136	7	323	3.01	297	.33	<2	2.25	.05	.86	<1	4
STANDARD C/AU-R	19	57	39	128	6.9	75	32	1038	3.96	42	20	6	36	53	18.5	15	17	61	.52	.093	40	62	.92	182	.08	33	1.88	.06	.16	14	480

Sample type: CORE. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Gold City Resources Inc. FILE # 94-4425

Caramelia Project
Nov. 1994.

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
E 100236	3	11	<2	56	.2	159	19	360	3.19	10	<5	<2	2	177	.2	3	8	64	2.11	.148	5	262	2.44	237	.23	3	1.92	.06	.73	<1	1
E 100237	4	28	<2	79	.2	253	28	613	4.99	9	<5	<2	3	353	<.2	<2	6	111	4.13	.140	7	430	4.39	304	.26	2	2.68	.03	.95	<1	3
E 100238	2	13	8	74	.2	213	27	601	4.78	7	5	<2	3	353	<.2	<2	8	112	4.78	.124	10	325	4.77	161	.24	<2	2.79	.03	.68	<1	7
E 100239	2	15	7	98	.2	450	46	959	6.76	45	<5	<2	4	603	<.2	<2	7	89	7.26	.097	9	505	7.03	39	.05	3	2.64	.01	.27	<1	76
E 100240	2	16	7	64	<.1	450	48	965	6.24	53	<5	<2	3	665	<.2	<2	3	61	7.51	.089	5	391	7.74	24	.02	6	1.97	<.01	.11	<1	38
RE E 100240	3	16	8	63	<.1	480	51	994	6.47	56	<5	<2	4	687	<.2	<2	<2	63	7.82	.092	6	402	8.11	24	.02	8	2.04	.01	.11	<1	34
E 100241	3	32	<2	64	.2	345	39	1024	5.95	27	<5	<2	3	683	<.2	<2	<2	81	6.94	.094	9	384	7.04	83	.03	9	2.90	.01	.23	<1	7
E 100242	3	15	4	67	.2	360	38	674	4.96	21	<5	<2	2	479	<.2	<2	10	117	5.62	.114	5	580	5.57	89	.22	<2	2.98	.02	1.05	<1	9
E 100243	2	45	<2	86	.2	325	45	877	6.81	38	<5	<2	3	636	<.2	<2	<2	48	6.01	.114	6	140	5.33	74	.04	11	1.59	.02	.27	<1	14
E 100244	1	79	6	93	.3	288	39	895	7.07	10	5	<2	4	647	<.2	2	9	147	6.89	.134	7	264	5.72	252	.18	10	3.08	.03	.99	<1	9
E 100245	2	55	5	83	.2	349	48	1015	6.67	53	<5	<2	4	804	<.2	<2	<2	58	7.68	.113	6	171	6.15	56	.02	11	1.53	.02	.15	<1	10
E 100246	1	38	3	32	<.1	80	14	353	2.40	38	<5	<2	<2	301	<.2	<2	5	18	2.78	.042	4	60	1.72	35	.01	4	.50	.01	.07	<1	35
E 100247	1	59	9	93	.5	370	45	916	7.22	9	<5	<2	5	610	<.2	4	6	160	7.37	.132	9	517	6.14	275	.20	12	3.80	.02	1.19	<1	7
E 100248	3	91	2	68	.6	268	33	627	5.36	7	5	<2	4	390	<.2	7	10	130	6.44	.148	6	356	4.13	485	.30	7	2.70	.04	1.71	<1	5
E 100249	2	86	6	86	.5	257	37	733	6.20	5	<5	<2	4	416	<.2	4	15	178	6.88	.139	6	384	4.58	346	.29	7	3.03	.03	1.64	<1	4
E 100250	2	55	<2	75	.5	260	35	583	5.36	3	6	<2	2	176	.4	8	13	145	4.81	.172	5	261	3.41	427	.31	5	2.56	.05	1.73	3	3
E 100251	2	56	<2	68	.5	179	27	576	4.88	6	<5	<2	<2	167	.4	8	16	118	4.27	.165	4	252	2.57	488	.33	9	2.20	.07	1.54	1	2
E 100252	2	52	2	70	.3	198	30	600	5.25	<2	<5	<2	<2	202	<.2	9	13	128	4.58	.185	4	239	2.84	450	.31	8	2.40	.06	1.54	<1	2
E 100253	2	60	<2	79	.3	230	34	564	5.61	<2	<5	<2	2	162	<.2	6	11	154	3.60	.171	6	200	2.91	340	.32	6	2.46	.07	1.06	1	2
STANDARD C/AU-R	20	63	41	130	7.2	72	31	1067	3.96	38	25	7	37	54	19.2	15	17	60	.50	.096	40	60	.94	190	.09	34	1.88	.06	.16	14	510

Sample type: CORE. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Caramelia Project
Nov. 94

Gold City Resources Inc. File # 94-4478 Page 1
902 - 626 W. Pender St., Vancouver BC V6B 1V9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
E 100254	2	42	4	84	.2	65	10	389	2.65	6	<5	<2	<2	84	.3	<2	<2	75	3.50	.068	7	54	2.08	122	.04	<2	1.27	.01	.17	2	1
E 100255	1	43	3	63	<.1	97	23	470	3.96	<2	<5	<2	<2	47	<.2	<2	<2	96	3.01	.089	<2	111	2.94	401	.21	<2	2.32	.06	1.84	2	2
E 100256	<1	41	4	59	<.1	157	25	666	4.89	3	<5	<2	<2	102	<.2	<2	<2	109	7.55	.108	6	204	3.35	320	.20	<2	2.27	.04	1.26	2	1
E 100257	1	54	2	52	<.1	116	23	498	3.79	3	<5	<2	2	180	<.2	<2	<2	77	8.52	.111	4	109	2.87	579	.19	<2	2.13	.06	1.81	1	1
E 100258	<1	27	3	45	<.1	118	19	455	2.87	<2	<5	<2	<2	61	<.2	<2	<2	67	5.89	.106	2	127	2.40	391	.18	<2	1.71	.07	1.11	1	<1
E 100259	1	14	<2	65	<.1	129	21	372	3.32	6	<5	<2	<2	27	<.2	<2	<2	63	2.09	.109	<2	197	2.88	443	.20	<2	2.62	.28	1.97	1	<1
E 100260	1	23	2	38	<.1	87	14	403	2.09	3	<5	<2	<2	53	<.2	<2	<2	44	5.47	.100	2	104	1.72	174	.15	<2	1.29	.09	.76	1	1
E 100261	1	27	2	67	<.1	80	20	465	4.29	3	<5	<2	<2	40	<.2	<2	<2	84	2.50	.162	2	100	3.27	537	.21	<2	2.48	.08	1.43	1	1
E 100262	<1	48	3	65	<.1	63	21	398	4.17	2	<5	<2	<2	21	<.2	<2	<2	82	1.51	.142	<2	89	3.01	636	.21	3	2.63	.07	2.45	1	1
E 100263	1	37	<2	56	<.1	72	20	528	3.64	4	<5	<2	<2	51	<.2	<2	<2	71	3.94	.129	2	90	2.89	331	.16	<2	2.07	.08	1.25	1	2
RE E 100263	1	39	5	57	<.1	72	20	534	3.67	5	<5	<2	<2	51	<.2	<2	<2	72	3.98	.130	2	90	2.94	335	.17	<2	2.10	.08	1.28	2	1
E 100264	<1	30	2	57	<.1	122	21	360	3.27	4	<5	<2	<2	32	<.2	<2	<2	74	2.81	.158	<2	127	2.70	506	.19	<2	2.21	.09	1.87	<1	<1
E 100265	2	21	<2	69	<.1	146	23	492	3.55	6	<5	<2	<2	58	<.2	<2	<2	101	4.65	.178	2	175	3.74	344	.18	<2	2.65	.09	1.98	2	1
E 100266	1	41	3	45	<.1	125	20	466	2.93	4	<5	<2	<2	76	<.2	<2	<2	68	6.26	.116	2	135	2.37	345	.17	2	1.68	.08	.82	1	2
E 100267	1	53	5	66	<.1	148	25	480	3.97	26	<5	<2	<2	86	<.2	<2	<2	111	4.38	.115	8	168	3.27	225	.18	<2	1.93	.03	.51	1	3
E 100268	5	48	6	101	.3	47	8	388	2.03	4	<5	<2	<2	35	.6	<2	<2	72	1.55	.073	6	58	.87	88	.02	3	.82	.01	.09	2	2
E 100269	6	58	5	106	.4	53	8	411	2.20	3	<5	<2	<2	40	.7	<2	<2	80	1.20	.080	8	53	.99	94	.01	2	.89	.01	.10	2	1
E 100270	4	47	5	68	.3	30	7	297	2.02	7	<5	<2	<2	29	.3	2	<2	46	.60	.064	5	28	.47	119	.02	3	.72	.01	.15	1	2
E 100271	5	67	4	81	.3	37	7	373	2.29	5	<5	<2	<2	27	<.2	<2	<2	47	.39	.073	3	35	.49	162	.06	4	.78	.01	.50	2	12
E 100272	19	86	5	53	.5	52	12	497	2.85	17	<5	<2	<2	86	.2	<2	<2	65	1.45	.085	7	49	1.02	128	.03	3	.96	.02	.16	2	4
E 100273	51	57	4	73	.3	49	8	354	2.06	11	<5	<2	<2	63	.2	<2	<2	53	1.61	.073	4	52	.72	85	.03	2	.83	.01	.09	2	2
E 100274	3	49	5	51	<.1	137	24	507	3.22	14	<5	<2	3	259	<.2	<2	<2	97	6.20	.143	7	128	2.41	480	.25	2	1.77	.05	1.16	2	2
E 100275	2	51	6	69	.1	193	30	643	4.47	13	<5	<2	3	408	<.2	<2	<2	128	11.48	.097	9	209	2.98	357	.22	<2	2.08	.02	.81	1	2
E 100276	2	34	<2	65	<.1	133	27	380	4.43	5	<5	<2	<2	57	<.2	<2	<2	126	2.05	.165	4	153	2.76	587	.28	4	2.59	.05	2.19	<1	2
E 100277	3	42	67	76	.2	124	26	746	5.24	14	<5	<2	2	296	<.2	<2	<2	105	5.85	.130	12	83	3.30	324	.14	<2	2.18	.02	.82	1	12
E 100278	2	61	6	90	<.1	89	26	592	5.33	7	<5	<2	<2	73	<.2	<2	<2	167	2.72	.157	5	73	2.74	375	.37	3	2.65	.04	2.44	2	1
E 100279	2	53	4	80	<.1	131	23	546	4.52	4	<5	<2	2	126	<.2	<2	<2	143	3.79	.120	6	147	2.35	351	.27	<2	2.14	.03	1.42	1	1
E 100280	3	67	2	74	<.1	104	23	514	4.65	3	<5	<2	<2	105	<.2	<2	<2	134	3.21	.133	6	96	2.15	315	.31	2	2.03	.04	1.59	1	1
E 100281	2	90	3	51	<.1	87	22	335	3.80	2	<5	<2	<2	180	<.2	<2	<2	99	4.21	.165	5	56	2.02	358	.27	3	1.63	.06	.99	1	1
E 100282	3	57	8	78	.1	49	11	367	3.05	4	<5	<2	2	39	<.2	<2	<2	116	1.29	.091	6	56	1.23	236	.18	5	1.36	.02	.53	1	1
E 100283	1	72	7	48	.1	12	12	619	3.24	7	<5	<2	<2	102	<.2	<2	<2	104	2.55	.096	<2	15	1.19	82	.15	6	1.28	.08	.36	1	2
E 100284	5	61	2	48	.1	178	22	383	2.16	5	<5	<2	<2	212	<.2	<2	<2	53	7.10	.105	6	130	.83	108	.20	<2	.85	.03	.15	1	2
E 100285	6	61	6	107	.4	44	6	416	1.87	4	<5	<2	<2	34	.4	<2	<2	55	.98	.078	7	40	.50	125	.04	3	.72	.01	.16	3	1
E 100286	5	65	11	115	.5	45	7	399	2.19	8	<5	<2	2	26	.5	<2	<2	47	.75	.077	8	40	.51	119	.03	<2	.75	.01	.15	3	1
E 100287	6	45	12	97	.4	36	6	320	1.63	4	<5	<2	<2	30	.5	<2	<2	37	.67	.065	6	30	.38	138	.02	3	.56	.01	.17	3	11
STANDARD C/AU-R	20	62	39	129	7.3	73	31	1062	3.96	44	18	8	39	52	17.0	15	18	62	.50	.094	41	60	.94	185	.09	34	1.88	.07	.17	13	530

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
\- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: DEC 16 1994 **DATE REPORT MAILED:** Dec 21/94 **SIGNED BY.** ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Calamela Project
Nov. 94.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
E 100288	2	63	6	90	<.1	83	27	276	4.91	<2	<5	<2	<2	31	<.2	<2	2	164	1.50	.144	8	71	2.71	183	.28	<2	2.43	.04	1.30	1	4
E 100289	2	81	<2	66	<.1	73	20	427	4.01	<2	<5	<2	2	49	<.2	<2	<2	81	1.88	.054	7	77	2.63	518	.16	<2	2.13	.05	.63	1	1
E 100290	1	67	3	64	<.1	64	16	319	3.66	<2	<5	<2	3	34	<.2	<2	<2	91	1.37	.074	6	79	1.91	600	.27	3	2.07	.04	1.73	<1	3
E 100291	1	35	<2	85	<.1	43	26	228	4.77	<2	<5	<2	<2	27	<.2	<2	<2	161	1.44	.217	5	28	2.66	337	.26	<2	2.47	.04	1.52	<1	1
E 100292	3	70	2	82	<.1	111	21	450	4.65	3	<5	<2	2	71	<.2	<2	<2	130	2.97	.089	4	109	2.99	253	.27	<2	2.44	.03	1.32	1	<1
E 100293	4	30	5	106	<.1	14	9	681	5.31	<2	<5	<2	3	99	<.2	<2	2	34	2.63	.241	20	15	1.36	233	.18	<2	2.09	.04	1.13	1	7
E 100294	1	44	<2	82	<.1	21	27	299	5.82	<2	<5	<2	<2	25	<.2	<2	<2	72	1.13	.161	8	11	2.66	201	.19	<2	2.83	.04	1.04	<1	3
E 100295	2	42	<2	84	<.1	35	20	328	4.91	<2	<5	<2	<2	67	<.2	<2	<2	129	2.66	.241	11	23	2.64	204	.23	<2	2.18	.06	1.06	<1	3
E 100296	2	58	4	97	<.1	46	28	356	6.02	<2	<5	<2	<2	47	<.2	<2	2	114	1.95	.185	8	37	3.21	161	.21	<2	2.81	.04	.76	2	9
E 100297	1	62	6	95	<.1	324	40	449	5.45	32	<5	<2	<2	96	<.2	<2	2	104	3.08	.087	2	177	3.64	100	.20	2	2.62	.04	.35	8	8
E 100298	1	16	44	115	.3	278	30	806	5.05	233	<5	<2	2	458	.8	<2	<2	41	5.10	.054	3	118	5.08	31	.01	2	1.41	.02	.15	3	46
E 100299	1	53	7	80	.2	127	20	644	4.27	24	<5	<2	<2	188	.2	<2	2	101	3.70	.071	5	183	3.15	262	.09	<2	2.11	.02	.32	<1	6
E 100300	1	61	5	99	<.1	116	38	435	6.35	166	<5	<2	<2	57	<.2	<2	<2	149	1.83	.108	<2	120	4.06	710	.25	<2	3.77	.03	1.42	1	20
E 100301	1	38	3	78	<.1	80	23	791	5.61	17	<5	<2	2	123	<.2	<2	4	117	3.46	.125	7	102	3.78	292	.08	<2	2.97	.02	.52	1	2
E 100302	2	50	<2	25	.2	39	7	458	1.70	16	<5	<2	<2	159	<.2	<2	<2	41	3.01	.115	5	51	1.16	151	.04	3	.82	.01	.21	1	1
E 100303	2	53	9	96	.4	158	24	1275	6.11	378	<5	<2	5	654	.7	<2	2	93	9.20	.094	6	115	5.82	113	.05	<2	2.38	.01	.38	2	67
E 100304	5	52	9	71	.2	62	14	616	3.54	102	<5	<2	<2	210	.3	<2	<2	85	3.85	.075	4	64	2.14	101	.03	<2	1.49	.01	.16	2	12
RE E 100304	5	53	13	74	.2	67	15	641	3.72	105	<5	<2	<2	220	.4	<2	2	89	4.05	.079	5	68	2.23	101	.03	<2	1.57	.01	.16	1	27
E 100305	3	64	5	95	.1	48	13	719	4.84	<2	<5	<2	<2	180	<.2	<2	<2	81	3.44	.116	7	45	2.00	115	.16	<2	1.78	.04	.33	1	2
E 100306	5	48	4	51	.1	39	10	591	2.53	4	<5	<2	<2	130	<.2	<2	2	68	2.81	.068	4	41	1.50	174	.06	<2	1.38	.02	.35	1	2
E 100307	1	70	<2	56	<.1	98	22	351	4.18	<2	<5	<2	<2	79	<.2	<2	<2	62	3.76	.155	4	76	2.59	334	.21	<2	2.03	.06	.68	<1	2
E 100308	1	30	2	64	<.1	173	27	389	3.92	<2	<5	<2	<2	67	<.2	<2	<2	67	2.04	.123	3	131	3.38	83	.14	<2	2.58	.05	.15	<1	2
E 100309	1	30	<2	59	<.1	134	24	312	3.78	<2	<5	<2	<2	65	<.2	<2	<2	77	1.80	.115	2	132	2.64	683	.22	<2	2.41	.06	1.30	<1	1
E 100310	4	49	3	83	<.1	77	19	473	4.71	<2	<5	<2	5	393	.2	<2	<2	99	12.41	.156	9	48	3.11	428	.17	<2	2.03	.02	.68	2	1
E 100311	1	88	2	83	.1	261	41	536	6.06	<2	<5	<2	2	119	<.2	<2	2	109	3.37	.119	5	189	4.63	218	.15	<2	3.48	.03	.28	1	1
E 100312	1	10	2	29	<.1	57	13	409	1.78	<2	9	<2	2	458	.2	<2	<2	39	29.87	.058	2	43	.87	95	.03	3	1.00	.01	.15	<1	1
E 100313	5	53	2	134	.3	162	23	537	4.16	5	<5	<2	2	178	.6	<2	<2	148	5.12	.145	4	166	3.57	128	.09	<2	2.30	.01	.52	2	2
E 100314	5	68	4	145	.5	91	16	445	4.10	<2	<5	<2	2	97	.3	<2	<2	138	3.21	.136	5	94	2.26	89	.14	<2	1.75	.02	.62	2	4
E 100315	5	36	3	110	.3	42	6	283	2.04	<2	<5	<2	<2	87	.9	<2	<2	97	2.39	.144	5	41	.54	167	.02	<2	.71	.01	.14	2	1
E 100316	1	43	5	78	<.1	55	19	595	5.13	<2	<5	<2	3	118	<.2	<2	<2	111	4.42	.121	9	36	2.51	505	.15	<2	2.34	.03	.55	<1	3
E 100317	<1	39	2	35	.2	816	42	580	2.44	9	<5	<2	<2	153	.3	<2	<2	63	2.87	.042	<2	1092	4.96	6	.02	<2	1.85	<.01	<.01	<1	3
E 100318	1	61	5	68	<.1	151	18	778	4.15	<2	<5	<2	<2	123	<.2	<2	<2	113	3.10	.083	2	232	3.70	317	.15	<2	2.50	.02	.53	<1	1
E 100319	1	57	<2	66	<.1	75	21	549	4.57	<2	<5	<2	<2	116	<.2	<2	2	105	2.71	.103	2	76	2.89	347	.19	<2	2.38	.03	.34	1	18
E 100320	1	70	3	65	.1	63	14	345	3.63	<2	<5	<2	3	25	<.2	<2	<2	76	.80	.040	7	100	2.42	375	.16	<2	2.10	.02	.32	<1	1
E 100321	2	121	2	73	.2	213	32	461	5.22	<2	<5	<2	<2	72	<.2	<2	<2	108	2.01	.132	3	151	3.87	38	.16	<2	2.87	.02	.09	<1	2
STANDARD C/AU-R	18	62	38	132	6.9	73	31	1031	3.96	38	19	6	36	51	18.0	14	17	61	.51	.090	40	56	.92	177	.09	33	1.88	.06	.15	13	480

Sample type: CORE. Samples beginning 'RE' are duplicate samples.

CALAMELIA PROJECT
NOV. 94.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
E 100322	1	46	2	131	.2	20	19	374	6.95	<2	<5	<2	<2	44	<.2	<2	<2	127	3.11	.222	5	9	2.03	84	.26	<2	2.50	.03	.99	3	23
E 100323	5	55	3	63	.1	33	8	414	2.40	<2	<5	<2	2	20	<.2	<2	<2	54	.50	.065	11	35	.58	212	.03	3	.99	.01	.24	3	3
E 100324	3	28	3	66	.1	96	11	448	2.99	<2	<5	<2	<2	58	<.2	<2	<2	86	.97	.092	14	106	3.24	139	.02	2	2.21	.01	.10	<1	2
E 100325	2	87	6	119	.3	320	31	783	4.59	82	<5	<2	3	195	.2	<2	<2	92	3.57	.087	8	354	5.15	387	.07	<2	2.78	.01	.50	2	7
E 100326	2	67	3	47	.2	25	13	1230	2.02	9	5	<2	<2	37	<.2	<2	<2	14	.35	.019	10	16	.42	170	<.01	2	.62	.01	.11	3	4
E 100327	1	42	3	36	.1	18	10	812	1.90	8	<5	<2	<2	46	<.2	<2	<2	10	.42	.021	9	9	.43	59	<.01	3	.56	.01	.09	1	3
E 100328	4	43	3	36	.2	32	7	423	1.94	17	<5	<2	<2	54	<.2	<2	<2	9	.62	.027	4	16	.45	38	<.01	2	.54	<.01	.09	3	5
E 100329	2	36	2	28	.1	19	5	297	1.46	<2	<5	<2	<2	32	.2	<2	<2	10	.46	.019	4	16	.35	58	<.01	5	.56	.01	.08	3	3
E 100330	4	39	2	29	.2	17	5	235	1.52	4	<5	<2	2	20	.2	<2	<2	9	.18	.013	5	11	.33	38	.02	6	.54	.01	.16	1	3
E 100331	3	35	2	38	.1	21	5	155	1.58	3	<5	<2	<2	11	<.2	<2	<2	7	.09	.015	6	17	.36	44	.01	4	.58	.01	.13	4	2
E 100332	1	26	2	32	<.1	19	6	210	1.62	4	<5	<2	<2	16	<.2	<2	<2	8	.13	.017	6	14	.35	37	.01	6	.59	.01	.15	3	2
E 100333	1	29	<2	27	.2	19	5	190	1.60	10	<5	<2	2	16	<.2	<2	<2	7	.09	.017	6	11	.40	26	<.01	5	.60	.01	.08	1	5
RE E 100333	1	28	4	27	.1	20	6	188	1.60	10	<5	<2	<2	16	<.2	<2	<2	7	.09	.016	6	10	.40	26	<.01	5	.60	.01	.08	1	5
E 100334	2	23	<2	30	<.1	21	7	137	1.61	5	<5	<2	2	7	<.2	<2	<2	14	.07	.018	7	20	.42	21	.02	5	.74	.01	.15	2	<1
E 100335	2	40	2	38	<.1	23	6	260	1.84	3	<5	<2	<2	35	<.2	<2	<2	8	.22	.019	7	16	.37	25	.01	3	.63	.01	.15	3	3
E 100336	1	16	<2	30	<.1	19	5	178	1.33	2	<5	<2	2	11	<.2	<2	<2	13	.12	.018	7	17	.39	31	.02	4	.67	<.01	.14	1	1
E 100337	2	32	<2	39	<.1	25	7	294	2.02	4	<5	<2	2	14	<.2	<2	<2	17	.17	.015	8	23	.48	34	.04	3	.90	.01	.19	2	1
E 100338	1	69	5	49	.1	40	14	622	3.40	4	<5	<2	2	131	<.2	<2	<2	61	2.10	.044	3	50	2.00	53	.05	2	1.66	.02	.21	2	2
E 100339	2	60	5	77	<.1	51	15	739	3.83	<2	<5	<2	3	152	<.2	<2	<2	81	4.44	.081	4	53	2.37	110	.04	3	1.85	.01	.20	1	1
E 100340	2	58	<2	77	<.1	60	15	525	4.33	<2	<5	<2	2	93	<.2	<2	<2	84	2.27	.121	12	57	2.51	223	.18	<2	2.11	.01	.26	2	1
E 100341	3	37	2	58	<.1	466	31	536	3.52	19	<5	<2	<2	188	<.2	<2	<2	69	2.71	.092	5	518	5.70	86	.16	<2	3.13	<.01	.23	1	3
E 100342	1	66	3	70	<.1	329	32	489	4.60	<2	<5	<2	4	243	<.2	<2	<2	125	5.79	.135	11	343	4.85	413	.22	<2	2.79	.01	.93	1	4
E 100343	1	57	<2	62	<.1	335	30	530	4.58	<2	<5	<2	3	249	<.2	<2	<2	105	5.59	.116	8	334	4.78	333	.28	<2	2.93	.01	1.21	1	1
E 100344	1	83	6	62	<.1	212	27	604	4.59	<2	<5	<2	<2	102	<.2	<2	<2	115	2.68	.091	4	214	4.45	150	.21	<2	2.87	.02	.37	1	5
E 100345	1	29	5	45	<.1	324	26	504	3.07	35	<5	<2	3	240	<.2	<2	<2	61	5.97	.098	7	318	4.63	37	.14	2	2.13	.02	.09	<1	7
E 100346	1	27	<2	47	.1	531	34	533	3.18	39	<5	<2	<2	142	<.2	<2	<2	71	3.15	.082	7	657	5.94	10	.11	<2	2.82	<.01	.03	1	5
E 100347	1	37	2	47	.2	549	37	751	3.28	75	<5	<2	2	199	<.2	<2	<2	82	4.31	.051	5	738	7.22	29	.04	<2	2.66	<.01	.03	<1	7
E 100348	1	24	2	99	.1	232	28	763	5.40	21	<5	<2	4	178	.3	<2	<2	103	5.23	.124	9	165	6.73	82	.03	<2	4.21	.01	.15	3	2
E 100349	5	43	4	143	.3	47	6	156	2.41	<2	<5	<2	2	50	.9	<2	<2	103	.93	.133	4	37	.91	110	.03	<2	.75	.02	.28	4	1
E 100350	4	52	3	137	.3	71	6	209	2.20	4	<5	<2	<2	141	.5	<2	<2	73	2.62	.071	2	51	1.47	100	.02	2	.76	.01	.17	3	1
E 100351	48	67	3	692	1.3	115	4	97	1.75	<2	7	<2	2	42	5.1	<2	<2	202	.95	.119	3	27	.37	164	.01	4	.54	<.01	.17	10	2
E 100352	14	66	5	320	1.1	82	4	84	1.62	2	5	<2	<2	46	2.2	<2	<2	127	1.05	.191	3	35	.41	126	.02	4	.48	.01	.19	6	1
E 100353	1	38	4	58	.1	433	33	743	4.20	18	<5	<2	2	304	.2	<2	<2	101	4.56	.077	9	630	6.39	137	.03	<2	3.06	.01	.13	1	5
E 100354	1	38	3	50	<.1	543	33	486	3.29	6	<5	<2	<2	131	<.2	<2	2	98	1.79	.082	<2	1012	6.69	5	.06	<2	3.77	<.01	.01	1	1
E 100355	1	45	3	34	.1	559	33	532	3.17	2	<5	<2	<2	218	.4	<2	<2	88	2.65	.062	<2	1040	6.03	11	.03	2	2.99	<.01	.02	<1	1
STANDARD C/AU-R	19	62	38	132	6.9	74	31	1033	3.96	41	16	6	37	51	17.0	14	16	60	.52	.090	40	56	.89	177	.09	33	1.88	.06	.15	14	470

Sample type: CORE. Samples beginning 'RE' are duplicate samples.

ACME AN YTICAL LABORATORIES LTD. 852 E. HASTINGS ST. ' COUVER BC V6A 1R6 PHONE(604)253-3158 FAX(6 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

CARAMELIA PROJECT
Nov. 1994.

Gold City Resources Inc. File # 94-4458 Page 1

902 - 626 W. Pender St., Vancouver BC V6B 1V9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
E 100356	2	126	4	50	.1	600	33	316	2.41	3	<5	<2	<2	73	<.2	<2	<2	73	1.52	.105	<2	861	4.59	147	.06	2	2.52	.01	.28	<1	1
E 100357	4	62	6	101	<.1	286	23	482	3.87	4	<5	<2	5	64	<.2	<2	<2	113	1.81	.080	8	301	3.48	561	.14	<2	2.38	.02	1.13	1	<1
E 100358	14	137	5	273	.9	103	4	108	1.60	<2	<5	<2	<2	14	1.4	<2	<2	127	.67	.151	7	90	.38	179	.04	<2	.55	.01	.15	<1	3
E 100359	17	57	2	359	.5	80	4	135	1.08	3	<5	<2	<2	27	2.6	<2	<2	135	1.36	.214	5	36	.24	148	.03	2	.39	.01	.10	3	20
E 100360	5	131	3	169	.7	247	30	503	6.24	<2	<5	<2	<2	71	<.2	<2	<2	149	3.77	.099	3	193	3.68	56	.23	<2	2.22	.03	.97	1	29
E 100361	27	141	3	453	.8	169	5	93	1.56	4	<5	<2	3	16	2.5	<2	<2	93	.84	.180	9	48	.27	181	.04	<2	.47	.01	.16	2	45
E 100362	2	84	<2	87	<.1	154	40	701	7.54	<2	<5	<2	2	76	<.2	<2	<2	195	3.33	.172	5	232	4.57	88	.29	<2	3.64	.03	2.18	<1	5
E 100363	1	102	6	68	.4	126	34	845	7.58	<2	<5	<2	3	110	<.2	<2	<2	237	4.52	.126	6	145	5.76	172	.09	<2	4.27	.02	.43	<1	1
E 100364	21	41	<2	311	.1	90	2	117	.87	5	<5	<2	<2	44	2.4	<2	<2	135	1.63	.197	4	29	.22	108	.04	<2	.34	.01	.09	1	1
E 100365	24	59	6	401	.2	92	3	94	.84	5	<5	<2	<2	26	3.2	<2	<2	133	1.19	.225	5	31	.19	104	.04	2	.30	.01	.07	3	1
E 100366	27	60	2	584	.7	105	3	91	.78	<2	5	<2	<2	31	6.7	<2	<2	144	1.19	.212	6	20	.16	145	.01	2	.33	<.01	.17	4	3
E 100367	21	68	8	395	.2	91	2	128	.84	6	<5	<2	<2	57	4.3	<2	<2	142	2.01	.292	6	29	.21	92	.04	3	.30	<.01	.10	1	1
E 100368	21	36	3	368	.1	108	4	174	1.40	9	<5	<2	<2	92	2.6	<2	<2	107	2.68	.210	7	70	.35	102	.05	2	.40	.01	.09	3	2
E 100369	14	87	2	161	.2	99	15	389	3.82	8	<5	<2	<2	97	.6	<2	<2	69	3.16	.241	4	43	2.17	104	.16	<2	1.31	.02	.17	2	2
E 100370	2	23	<2	92	<.1	125	32	728	7.01	11	<5	<2	3	171	<.2	<2	<2	134	5.28	.165	2	133	5.11	884	.28	<2	4.06	.03	2.41	<1	17
E 100371	16	65	3	220	.5	95	3	115	1.00	<2	<5	<2	<2	42	1.9	<2	<2	84	1.63	.277	5	31	.18	120	.02	2	.34	.01	.10	4	<1
E 100372	7	104	3	216	.7	72	2	91	1.04	<2	<5	<2	<2	41	1.3	<2	<2	51	1.25	.226	3	47	.15	104	.02	2	.25	<.01	.08	3	1
E 100373	5	121	4	105	.3	101	21	703	4.98	2	<5	<2	4	159	<.2	<2	<2	89	6.71	.171	3	94	3.44	128	.17	<2	1.88	.02	.58	<1	1
E 100374	8	58	3	91	.1	177	19	516	3.72	26	<5	<2	3	103	.5	<2	<2	154	3.49	.124	8	181	3.12	464	.16	3	2.08	.02	.55	1	1
E 100375	2	87	6	87	.1	134	29	597	5.82	12	<5	<2	4	94	<.2	<2	<2	121	3.47	.084	6	143	3.36	621	.24	<2	2.81	.03	.99	<1	5
RE E 100375	2	89	6	90	<.1	142	31	616	6.03	11	<5	<2	3	97	<.2	<2	<2	124	3.59	.086	7	146	3.53	636	.25	<2	2.92	.03	1.02	<1	4
E 100376	3	56	4	89	.1	99	20	660	4.97	132	<5	<2	6	189	<.2	<2	<2	97	7.00	.145	10	108	3.05	824	.22	4	2.22	.03	.90	<1	4
E 100377	4	71	<2	100	.2	108	26	613	5.07	8	<5	<2	3	195	.2	<2	<2	127	5.88	.243	6	96	4.28	234	.15	2	2.60	.02	.33	1	1
E 100378	1	18	2	72	<.1	150	32	580	5.20	<2	<5	<2	<2	87	<.2	<2	<2	104	2.40	.165	3	174	4.79	338	.21	<2	3.55	.04	.93	<1	1
E 100379	1	35	<2	75	<.1	76	30	462	4.25	<2	<5	<2	6	215	<.2	<2	<2	61	14.20	.207	4	42	1.74	394	.15	<2	1.81	.03	.88	<1	<1
E 100380	1	51	<2	62	.1	195	32	417	4.17	11	<5	<2	4	243	<.2	<2	<2	82	10.61	.139	4	130	3.24	643	.16	<2	2.10	.05	.60	<1	1
E 100381	2	13	<2	19	.1	32	9	409	1.83	3	<5	<2	<2	172	<.2	<2	<2	43	5.28	.034	2	44	1.33	431	.04	2	.90	.01	.13	<1	<1
E 100382	11	50	7	300	.4	67	9	265	3.18	3	<5	<2	2	93	2.8	<2	<2	166	2.88	.315	6	46	1.22	239	.06	<2	1.18	.02	.33	1	<1
E 100383	4	19	2	71	.1	36	6	134	1.02	<2	<5	<2	8	1384	.8	<2	<2	22	32.37	.092	<2	9	.23	194	.02	2	.32	<.01	.07	<1	<1
E 100384	7	318	8	1242	1.0	326	69	449	7.47	7	<5	<2	5	449	20.6	<2	<2	27	11.63	.032	<2	15	.15	87	.01	<2	.20	.01	<.01	8	48
E 100385	7	30	<2	139	.1	43	8	331	2.61	2	<5	<2	4	412	1.0	<2	<2	87	8.43	.150	9	26	.88	232	.08	2	.87	.01	.15	1	1
E 100386	8	29	3	81	.2	47	14	820	4.06	<2	<5	<2	8	486	<.2	<2	2	55	16.80	.155	8	28	2.00	271	.12	<2	1.54	.02	.29	1	<1
E 100387	2	32	4	104	.1	208	27	594	5.11	22	<5	<2	3	70	<.2	<2	2	77	2.88	.155	5	201	4.33	463	.15	3	3.27	.02	.73	1	3
E 100388	2	68	4	66	.2	192	34	605	5.50	3	<5	<2	5	182	<.2	<2	2	109	8.13	.130	3	203	4.32	563	.18	<2	2.51	.03	.57	<1	7
E 100389	4	34	5	31	.3	266	19	240	1.80	17	<5	<2	7	420	<.2	<2	<2	42	19.98	.068	2	267	3.51	57	.05	<2	1.44	.01	.01	<1	1
STANDARD C/AU-R	21	64	39	129	7.2	74	31	1061	3.96	43	18	5	37	52	17.0	15	17	62	.50	.094	41	60	.95	184	.08	34	1.88	.07	.17	12	510

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: DEC 15 1994 **DATE REPORT MAILED:** Dec 20/94. **SIGNED BY** ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

CARAMELIA PROJECT
NOV. 1994.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
E 100390	1	40	3	63	.1	610	43	490	4.41	39	<5	<2	2	109	.3	<2	4	119	2.11	.104	3	996	6.51	257	.17	<2	4.01	<.01	1.16	1	<1
RE E 100390	2	38	3	62	.3	611	43	485	4.37	42	<5	<2	2	109	.5	<2	6	119	2.07	.103	3	996	6.49	258	.17	<2	4.02	.01	1.18	1	2
E 100391	1	64	5	55	<.1	118	23	576	4.36	6	<5	<2	3	248	.2	<2	<2	109	6.09	.124	5	147	3.71	565	.21	<2	2.25	.05	1.20	1	1
E 100392	3	26	3	38	.2	23	7	224	1.89	<2	<5	<2	2	22	<.2	<2	<2	40	.62	.051	7	35	.83	180	.06	5	.83	.03	.14	1	1
E 100393	3	21	6	46	.1	38	11	296	2.35	3	<5	<2	<2	52	.3	<2	<2	47	1.27	.063	10	59	1.56	146	.04	<2	1.18	.03	.12	2	1
E 100394	1	12	2	33	.1	26	7	268	1.70	<2	<5	<2	<2	58	<.2	<2	<2	34	1.68	.042	7	46	1.04	43	.07	<2	.87	.02	.08	<1	2
E 100395	1	29	6	80	<.1	79	26	628	3.83	<2	<5	<2	9	170	<.2	<2	3	114	12.18	.128	10	74	2.64	417	.21	3	1.86	.03	.80	1	1
E 100396	1	52	5	63	.2	194	41	582	3.52	6	<5	<2	9	208	.4	<2	4	95	19.88	.135	7	181	2.80	184	.15	<2	1.82	.03	.37	1	2
E 100397	17	37	6	57	.1	159	30	502	3.25	<2	<5	<2	7	148	.3	<2	<2	73	15.12	.144	4	172	2.92	123	.14	2	1.75	.04	.19	<1	1
E 100398	1	47	2	58	<.1	123	28	760	3.61	<2	<5	<2	8	226	<.2	<2	2	106	15.45	.108	2	143	2.88	434	.20	4	1.90	.03	1.34	<1	2
E 100399	2	73	4	105	<.1	203	42	560	5.91	<2	<5	<2	6	161	.3	<2	2	148	8.34	.195	6	218	4.30	517	.32	4	2.99	.04	2.46	3	1
E 100400	2	43	5	62	<.1	132	16	465	3.15	<2	<5	<2	5	108	<.2	<2	<2	60	4.82	.062	7	71	2.06	216	.16	<2	1.53	.06	.58	1	1
E 100401	2	30	3	95	.1	353	44	597	5.44	<2	<5	<2	7	267	.2	<2	2	116	11.23	.141	4	361	5.95	164	.22	<2	3.27	.04	.97	1	1
E 100402	1	66	4	80	.1	353	47	726	5.94	11	<5	<2	8	369	.5	<2	<2	159	11.89	.136	11	324	7.08	220	.21	6	3.28	.02	.94	2	1
E 100403	10	61	6	68	.1	139	26	846	4.79	2	<5	<2	4	263	.3	<2	<2	148	7.56	.095	7	151	4.81	211	.21	3	2.33	.02	.71	1	2
STANDARD C/AU-R	20	63	41	142	7.4	71	33	1080	4.09	43	15	6	39	54	16.7	15	20	60	.51	.094	42	61	.93	191	.09	33	1.94	.07	.16	14	470

Sample type: CORE. Samples beginning 'RE' are duplicate samples.

ACME A YTICAL LABORATORIES LTD. 852 E. HASTINGS ST. ICOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(6 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Caramelia Project
Nov. 1994.

Gold City Resources Inc. File # 94-4479
902 - 626 W. Pender St., Vancouver BC V6B 1V9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
E 100404	8	59	4	64	.9	40	8	548	2.30	5	<5	<2	<2	73	.4	<2	<2	50	2.37	.073	6	32	1.01	117	.02	5	.86	.02	.10	1	<1
RE E 100404	8	56	3	60	.7	39	7	539	2.25	<2	<5	<2	<2	72	.6	<2	<2	49	2.33	.072	6	32	.99	116	.02	2	.85	.01	.10	1	1
E 100405	2	48	4	72	.1	159	20	557	3.86	4	<5	<2	<2	132	.2	<2	<2	95	4.85	.093	6	195	3.47	151	.16	<2	1.82	.02	.43	1	<1
E 100406	1	66	<2	53	<.1	236	32	497	4.13	<2	<5	<2	3	261	<.2	<2	<2	98	14.00	.113	6	232	3.76	301	.25	<2	1.96	.04	.74	1	<1
E 100407	4	34	<2	78	<.1	307	38	662	5.64	<2	<5	<2	4	334	.3	<2	<2	144	9.37	.130	13	339	6.86	319	.20	<2	3.27	.02	1.01	1	1
E 100408	1	18	<2	63	<.1	149	21	402	3.61	<2	<5	<2	<2	103	<.2	<2	<2	76	2.46	.112	6	185	3.63	281	.22	<2	2.10	.03	.73	1	<1
E 100409	5	69	3	56	<.1	159	18	379	2.89	<2	<5	<2	<2	91	<.2	<2	<2	101	3.28	.126	6	134	2.07	95	.18	<2	1.35	.03	.17	1	<1
E 100410	1	41	<2	47	.1	399	25	746	3.13	31	<5	<2	<2	246	.2	<2	<2	69	3.61	.053	4	532	5.24	23	.05	<2	2.03	.01	.07	1	2
E 100411	1	36	<2	77	<.1	223	29	969	4.79	<2	<5	<2	2	213	<.2	<2	<2	98	4.39	.116	14	209	5.26	121	.14	<2	2.54	.03	.38	1	2
E 100412	1	52	5	49	.2	25	9	630	2.37	2	<5	<2	2	51	<.2	<2	<2	33	1.08	.048	7	26	.91	118	.02	4	1.04	.02	.20	1	1
E 100413	2	61	3	55	.1	24	10	874	3.01	<2	<5	<2	<2	75	<.2	<2	<2	45	1.92	.049	6	20	1.20	104	.04	<2	1.26	.02	.35	1	1
E 100414	1	55	3	64	<.1	19	16	967	4.42	<2	<5	<2	<2	180	.2	<2	<2	111	4.49	.072	3	19	2.47	98	.08	<2	1.81	.04	1.04	1	1
E 100415	5	48	2	53	<.1	20	8	960	2.72	<2	<5	<2	<2	92	.3	<2	<2	43	3.47	.040	7	20	1.25	78	.02	6	1.22	.02	.30	2	2
E 100416	5	73	<2	63	.1	29	9	658	2.80	<2	<5	<2	2	27	<.2	<2	<2	68	.56	.049	10	37	.98	270	.05	<2	1.23	.03	.40	2	7
E 100417	4	67	<2	89	.1	198	20	834	3.90	<2	<5	<2	3	77	<.2	<2	<2	97	1.30	.075	8	306	3.91	214	.09	<2	2.49	.02	.31	1	4
STANDARD C/AU-R	19	63	39	126	7.0	72	32	1034	3.96	42	15	8	36	52	19.0	14	18	61	.52	.093	40	54	.92	191	.08	33	1.88	.06	.16	9	510

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: DEC 16 1994 DATE REPORT MAILED: Dec 23/94 SIGNED BY.........D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS