ARIS SUMMARY SHEET

District Geologist, Victoria   Off Confidential: 89.03.01

ASSESSMENT REPORT 17562   MINING DIVISION: Nanaimo

PROPERTY: DDAM
LOCATION: LAT 49 12 00   LONG 124 37 30
UTM 10 5450741 381618
NTS 092F02E
CLAIM(S): DDAM 1-2
OPERATOR(S): Lacana Min.
AUTHOR(S): Jones, P.W.
REPORT YEAR: 1988, 35 Pages
COMMODITIES
SEARCHED FOR: Gold,Silver
GEOLOGICAL
SUMMARY: The property is underlain by Sicker volcanic rocks, predominantly lapilli agglomeratic tuffs of the Nitnat Formation. Included within the tuffs is a silicious, banded, grey-black aphanitic tuff layer. There are silicified, bleached, altered, pyritic zones at stratigraphic contacts.
WORK
DONE: Geological,Geophysical,Geochemical
EMGR 4.9 km;VLF
GEOL 400.0 ha
Map(s) - 2; Scale(s) - 1:5000
LINE 4.9 km
ROCK 101 sample(s) ;ME
SOIL 201 sample(s) ;ME
Map(s) - 1; Scale(s) - 1:5000

DDAM CLAIM GROUP

(Ddam 1 2069, Ddam 2 2070)

NANAIMO MINING DIVISION

Mapsheet 92F/2E

Latitude 49 10'N 12' - Longitude 124 38'W

by

Paul W. Jones

March 1988

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SUMMARY

The following is a geological report pertaining to the status of the Ddam claim group. A grassroots prospecting program was undertaken during September and October of 1987. The program involved geologic mapping (1:5000), rock sampling (101), a soil survey (201) samples and a EM-VLF geophysics survey.

The lithology on the property is of Sicker volcanics, with predominantly Nitnat Formation mixed lapilli-agglomeratic tuffs. Included within the tuff assemblege is a distictive siliceous, banded, grey-black aphanitic tuff which is found along the cliffs on the west drainage of Henry Lake creek. It is postulated that this unit should also outcrop in the Cop Creek valley. Of further geologic note are silicified, bleached, altered, pyritic zones which appear where the contact of the mixed lapilli-agglomeratic tuff? volcanic sandstone? (unit F), and the upper green matrix with broken purple and green lapilli-agglomeratic tuff (unit C) coincides. This contact may also be a reverse thrust fault.

The rock assaying did not produce any anomalous Au values, but other elements returned anomalous results. Three areas with interesting looking rocks, ie a 2m wide continuous shear zone with sporatic sulphide mineralization, an alteration zone discontinuous with silicified bleached rock with 10-20% fuchsite and pyrite in contact with a serpentinite zone, and a quartz-flooded quartz veined section of the aphanitic grey-black tuff all deserve further attention.

The soil survey produced areas of higher base and rare earth elements and weak gold responses. The Au indications although weak, correspond to the EM-VLF geophysical conductor. There may even be a relationship between the Au responce, the geophysical conductor and the possible thrust contact between units F and C.

The geophysical survey produced significant cross-overs along three adjacent lines which are 150m apart, thus giving a minimal strike length of 300m. Due to the under growth cover additional geophysical surveys may prove to be of value.

The claim group has 36 man days of actual prospecting work. In this time geologic areas of mineralogic potential have been discovered. The claims need a comprehensive geologic evaluation to fully determine their potential. The significant development of the Debbie and Yellow claims adjacent to the west, warrents further evaluation.

INTRODUCTION

The Ddam claim group is located on South Central Vancouver Island 14 km southeast of Port Alberni, B.C. (figure 1). Access is via highway 4 and logging roads in the Cameron Division of MacMillan-Bloedel. Logging in the claim area has provided good access to the property. During the winter of '87-'88 further road construction will make the upper reaches of the Ddam group much more feasible for potential trenching and if warrented, drilling.

Elevation on the claim group ranges from 600 to 1300 metres with creeks and road cuts providing rock exposure. Pleistocene glaciation blanketed much of the claim area with a thin layer of glacial debris. The B-soil horizon is moderately developed and has been proven an effective exploration medium in this area.

The claim group covers 16 units, has an anniversary date of March 1st, and is 100% owned by Paul Jones. The claims are in good standing pending acceptance of report of work from September-October, 1987.

GEOLOGY

REGIONAL:

The Ddam claim group is situated on a fault bound block of Sicker volcanics within the Insular Belt of the Canadian Cordillera. Pennsylvanian to Permian in age, Sicker volcanics are characterized by basaltic to rhyolitic meta-volcanic flows, tuffs and lapilli-agglomerates of greenschist metamorphic grade.

Precious and base metal vein/replacement mineralization is prominent in this region. These types of deposits are located in Karmutsen and Sicker volcanics and are proximal to major structures and/or dioritic intrusives of the Jurassic Island intrusives.

Geology of this region is similar to that of the Buttle Lake area where Westmin Resources is mining Kuroko-type, polymetallic sulphide ore. These exhalite ore bodies are related to rhyolitic or rhyodacite volcanics of the Myra formation of the Sicker Group.

Adjacent and to the west of the Ddam group lies the Debbie and Yellow properties. The original Victoria occurence operated in 1896, 1898, 1933-36 and 1939. It produced 384 oz Au, 52 oz Ag, and 194 lbs Cu. These properties are at present undergoing extensive development, including the driving of a 1.2 mile underground adit into the Mineral Creek and Linda gold zones.

PROPERTY:

The Ddam claim group has rock types from both the Sicker and the Vancouver Groups, the Sicker being the most extensive. The Sicker Group rocks host the Mineral-Yellow mineral occurences.

The Sicker Group is divided into two formations in this area. The lower Nitnat and the upper McLaughlin Ridge (proposed nomenclature A. Sutherland Brown, C.Y. Yorath). The McLaughlin Ridge Formation replaces the Myra Formation label in name although both are similar in age and lithology.

On the Ddam group the basal unit is a thick massive fine grained dark green andesite flow lava (unit I). The flow edges are more strongly chlorite altered and occasional sulphide lenses up to 5cm long containing pyrite, magnetite and chalcopyrite occur at the flow divisions.

Above the flow lava is a thick massive fine to medium grained green tuff (unit H). Within this tuff unit are graded beds showing stratigraphic tops upward.

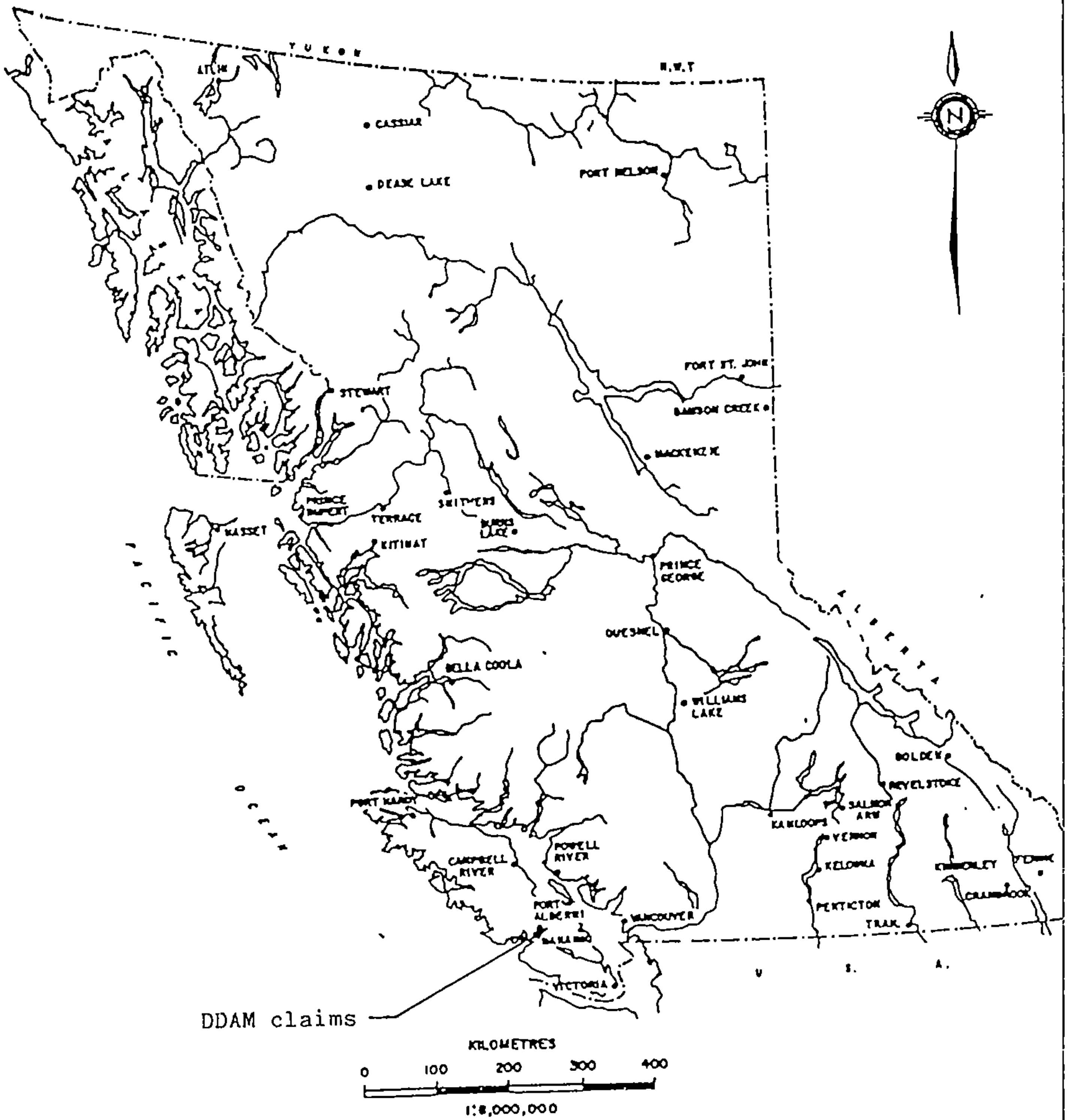
The top of the massive tuff is capped by a continuous aphanitic, siliceous, banded grey-black tuff (unit G). This banded tuff is chert-like with a concoidal fracture. The tuff forms a sharp cliff in the Henry Lake Creek valley.

Above the cherty tuff is an other thick mixed lapilli to agglomeratic tuff (unit F). This tuff has a mixed appearance on the weathered surface and in some places has a volcanic sandstone texture. The tuff has a green matrix and green fragments. The fragments are either of the lower massive tuff composition or the cherty tuff.

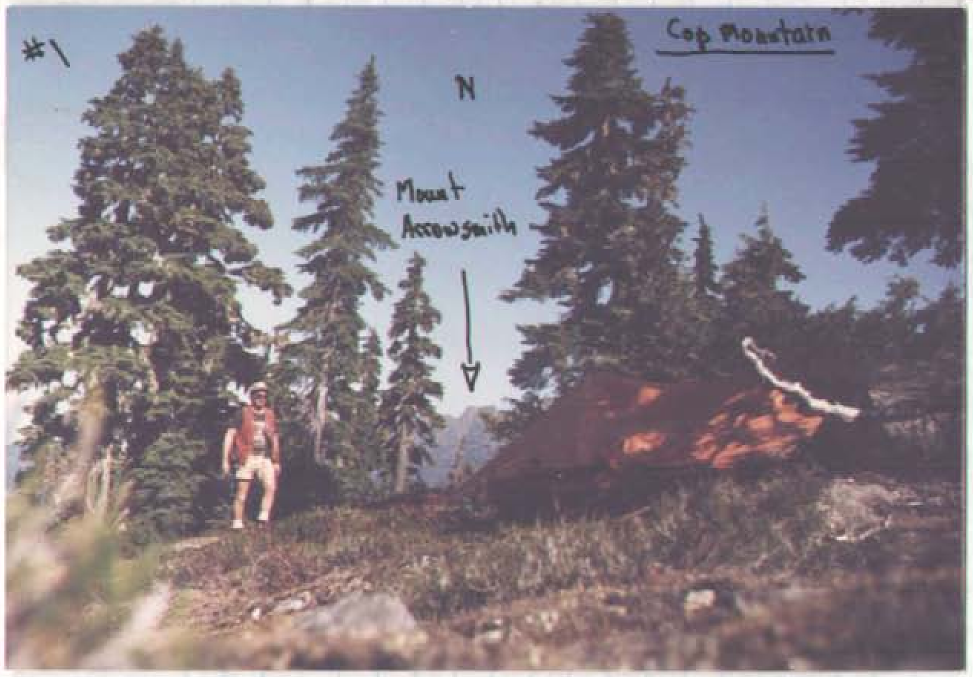
There exists the possibility of a facies change from Henry Peak west to Cop Mountain, therefore enabling two different units to overlie the mixed lapilli to agglomeratic tuff unit. On Henry Peak the overlying unit is a devitrified feldspar porphry tuff (unit E). This unit is banded and forms the majority Henry Peak.

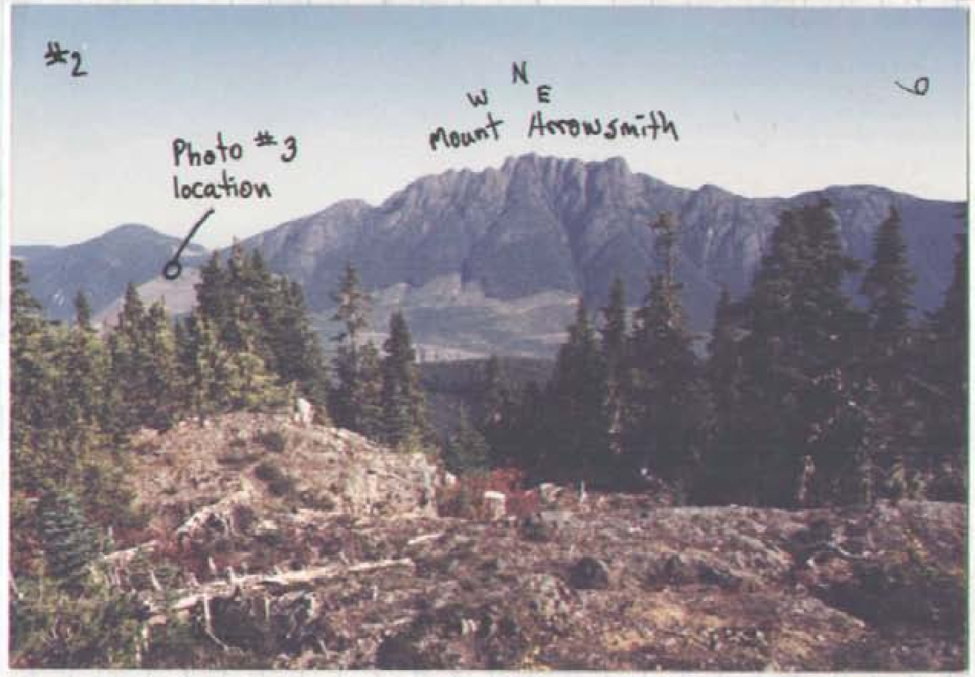
Overlying the porphry tuff is a lapilli tuff with a purple matrix and green fragments (unit D). Due to the limited exploration and outcrop exposure the exact relationship and extent is somewhat dubious.

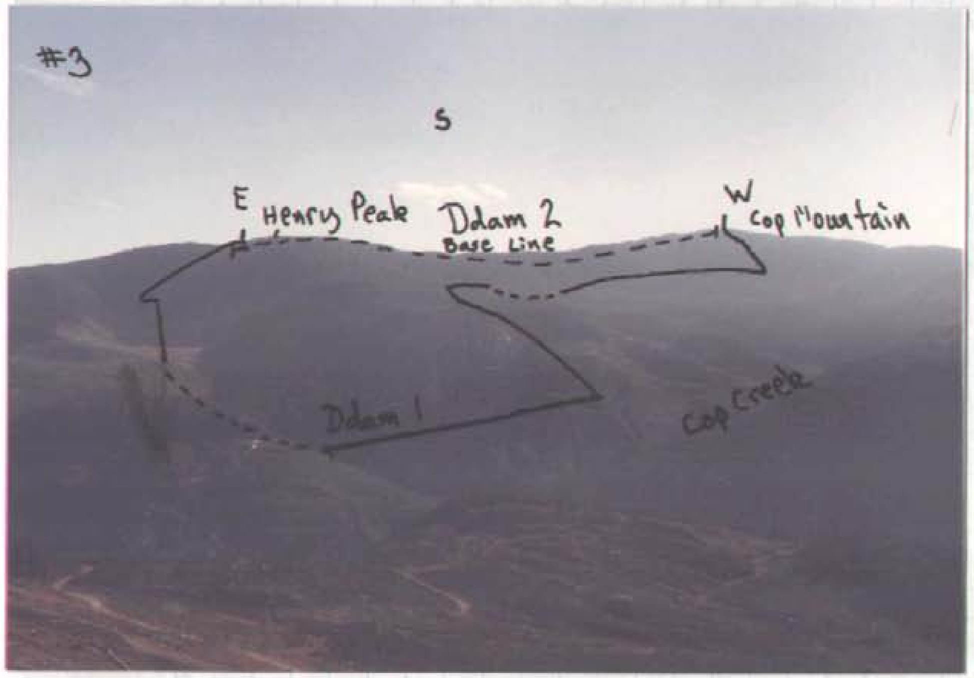
To the west the overlying rock unit is a green matrix with broken purple and green lapilli to agglomeratic tuff (unit C). Again due to the lack of rock exposure at the contacts the relationship between units (F) and (C) is



Regional Map fig 1 **Property Location Map**


#1
Cop Mountain
N
Mount
Arrowsmith


#2
W N E
Mount Arrowsmith
Photo #3
location


#3
S
E
Henry Peak
Ddam 2
Base Line
W
Cop Mountain
Ddam 1
Cop Creek

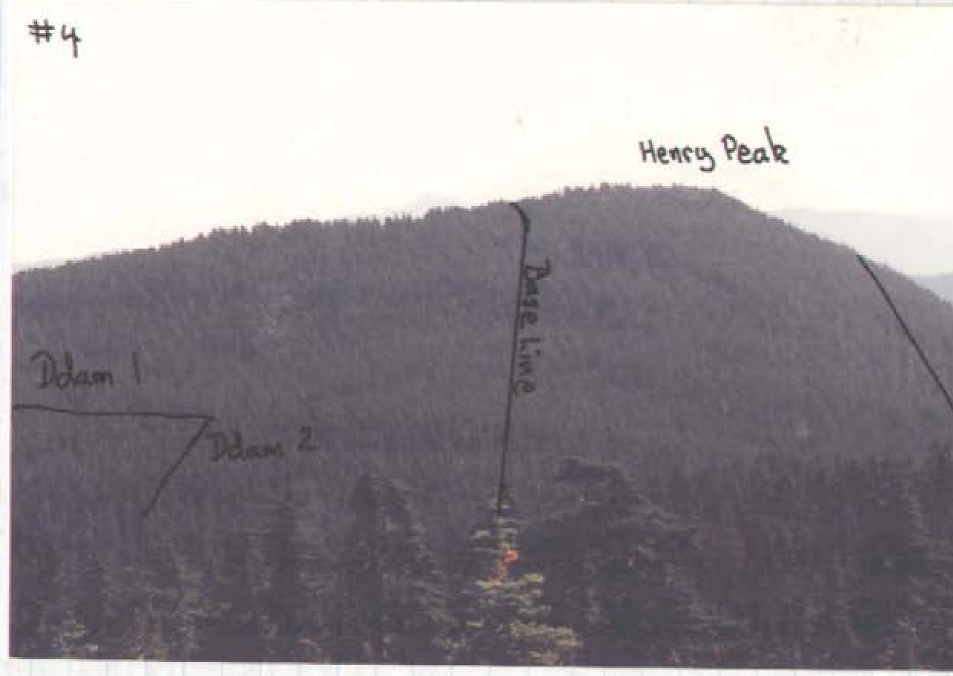

#4
Henry Peak
Base Line
Ddam 1
Ddam 2

Figure 2


#5
Henry Peak


#6
Ddam 1
Ddam 2
Henry Peak
4+50N
3+00N
1+50N
Base Line
1+50S
3+00S

Figure 3

#8
Nitnat Pillows
Henry Lake

Figure 4

suspect. Although sporatically along what is believed to be the geologic contact there are highly altered rock zones. These zones are silicified, bleached with a pervisive light brown colour and the phenocrysts have been uralitized. Some of these zones have from 5-10% disseminated pyrite. There exists the possibility that a low angle thrust fault may exist between these two units.

Down the slope on the southern flank of McLauglin Ridge the final Sicker Group unit is a massive green agglomeratic to lapilli tuff (unit B).

Unconformibly overlying the Sicker Group is the Vancouver Group. The lower Karmutsen Formation an extensive basaltic pillow lava member is fault bounded and is located on the eastern boundry of the Ddam claims.

STRUCTURE:

The Ddam claim group has numerous structural lineaments crossing the property. Although proximal to the Mineral-Yellow Creek fault it does not lie on it. A possible splay off the Mineral-Yellow Creek fault is evident from air photo interpretation. Any mineral potentiallies within these structural lineaments. The possible thrust fault mentioned in the property geology section may be of structural interest. Although no substantial evidence was collected further work may provide a better understanding to the geologic contact.

MINERALIZATION AND ALTERATION:

From the two tothree weeks of grassroots prospecting done on the Ddam group no strongly anomalous mineral values were returned. This is in spite of area's of sulphides and intense alteration. Shear zones provided the most mineralization mainly pyrite with trace amounts of chalcopyrite. Within these shears were occasional milky grey mhite quartz veins. These veins ranged any where from 1cm stockwork veinlets to 10cm veins. A second quartz epidote silica phase post dates the milky quartz veins and were generally found to be barren. A small area was trenched with explosives where serpentinized lenses with 10-20% fuchsite and pyrite were discovered. The grey-black cherty tuff was discovered to be ankerite altered and silicified with pyrite both within the cherty tuff and within the milky grey-white quartz veins.

TRENCHING

On October 15, 1987, Paul Jones (Lacana) and Larry Epp (Crawford Explosives) experimented with the watergel explosiveto determine whether the product would be an effective tool for representative rock sampling. Three seperate blasts were initiated. The sites were in one area from which three different rock types had been previously sampled. A comparison of pre and post sample results and the effectiveness of the explosive to produce a representative sample were the main objectives.

Limited written information was supplied on the product, most coming from personal communication with the product supplier, Larry Epp.

The explosive is a plastic wrapped gel that is detonated with a standard blasting cap. The explosive material does not contain nitroglycerine and for the most part is odourless. The package weighs 1kg and is malleable with a 10 cm x 25 cm cylindrical shape. Safety dictates that the caps and the explosives must be contained in seperate stong boxes.

The primary use ofthe product is for breaking up large boulders when building logging roads. The explosive is designed to be detonated on the surface of the rock thereby limiting the need for additional equipment ie. drills for making blasting holes

The cost of the explosive and the safety fuse assemblies is as follows:

SAK PACK	1 kg per case	$101.70
CAPS	1 metre (5 minute) per 100	136.60

For one blast: $4.07/pac + $1.37/fuse = $ 5.94/blast

Site 1 - weakly fractured, silicified quartz carbonate shear zone, medium soft hardnes and consistency.
- explosive was positioned on rock lengthwise with a triangular cross section split for full advantage in directionality of detonation.
- the detonation broke the outcrop to a maximum depth of 10cm and had a radial extent of 10cm x 35cm, the rock fragments ranged from 4cm thin chips to dust, the majority being 2cm in size, scatter of the rock was minimal and confined to 1 metre.
Pre-samples 87JR-49, 87JR-50
Post -samples 87JR-66, 87JR-67

Site 2 - moderately foliated, serpentinized shear zone, soft-medium hardness and consistency, soft along foliation but hard perpendicular.
- explosive was positioned upright on the outcrop with a paper cone inside the explosive for detonation control.
-the detonation broke the outcrop more extensively along the direction of foliation, the rock fractured 40cm along foliation and 10cm perpendicular to it, due to the

nature of the rock (serpentinite) the fragments were larger chunks 7cm x 3cm with some smaller chips with very little dust and no scatter other than the immediate blast area.
Pre-sample 87JR-48
Post-sample 87JR-68

Site 3 - strongly silicified annealed fracture zone, very hard with no preferential fracture direction, outcrop surface rounded and smooth.
- explosive was set upright with a paper cone much the same as site 2.
- the detonation of this very hard rock was not as successful as the previous blasts, the immediate area under the plastic explosive was shattered to a depth of 5cm and a 10cm radial extent, the chips were very angular and roughly 2cm x2cm in size, the nature of the fracturing is in tune with the brittle siliceous composition of the outcrop.
Pre-sample 87JR-52
Post-sample 87JR-69

The testing of the SAK-PaK 2000 product as an effective sampling tool proved to be somewhat successful. In gold exploration it is neccessary to collect large representative samples to correctly determine the quantity and distribution of the element. Due to the value of even minute quantities of gold and the' nugget effect' (gold collecting together locally) a tool that would enable large representative samples to be collected more effectively would be greatly received. The site sampled by hand and hammer took anywhere from 1/2 hour to an hour to sample. The size of the sample was limited to the amount of rock dislodged. The explosive set up and the sampling process can be completed in 15 minutes. The size of the sample is adequate to be representative. The potential for sampling accross a 20 metre zone by setting off a series of blasts would allow more time for further geological investigation. In consideration of the safety required when using explosives , concern must be taken with its transportation and storage. In this respect the explosive would be useful for sampling sites that require minimal personal transportation. It was suggested that carrying of the explosive during prospecting traverses might be useful. This is not recommended. The product has a use in detail bulk sampling. It is effective in obtaining large , therefore , representative samples. It is also a time effective tool. Its primary use would be in local detail sampling where time and volume are a concern. As a day to day tool the safety and regulation do not warrent the trouble.

GEOCHEMICAL SURVEY

The sampling undertaken on the Ddam group was done by the owner, Paul Jones and geologist John Termuende. This project was the most extensive of any to date, but still is of a reconnaissance nature due to time constraints during collection of the data. A total of 28 man days were spent collecting the samples. During this time 101 rock samples and 192 soil samples were collected.

Few rock samples returned anomalous values. The highest being 66 ppm Mo, 444 ppm Cu, 254 ppm Zn, 1.5 ppm Ag, 222 ppm As and 32 ppb Au. Four rocks returned vanadium values greater than 200 ppm.

The soil results were equally as dissappointing and inconclusive. The survey was done over 7 lines spaced 150 metres apart. The lines ran roughly east west to cross over north south structures. The samples were taken 25 metres apart on the lines. A shovel was used to collect the samples. A hole 20cm deep was dug and the well developed "B" horizon was sampled. This was to maintain consistency in the samples. The soil had a thick humus horizon, some times as much as 10cm thick with abundant overgrowth. The "A" horizon was evident but not always present. The "B" horizon varied in colour from dark to light to orange brown and was the thickest. The "C" horizon was not always encountered but most prevalent in the vicinity of Henry Peak.

The analysis was done by Acme Analytical of Vancouver, B.C.. All of the samples, both rock and soil were run through the same technique. A 30 element ICP analysis was performed and then a geochemical atomic absorption technique was used to analyse for Au.

The survey was fairly inconclusive although the only detectable Au values coincide with an EM-VLF conductor (see geophysical section) that straddles the ridge. This is an area that has a higher concentration of base and rare earth elements that may be of some significance. None of the samples neither rock nor soil came back greater than 3 standard deviations higher than the individual elements. This leads to a coclusion that no anomalous samples were collected.

The following are descriptions of the rock samples collected.

87JR-1	grab	foliated green volcanic rock with 1% disseminated pyrite.
87JR-2	grab	quartz bleb 5cm wide x 20cm long with minor Fe stain.
87JR-3	grab	quartz veinlets within shear zone with trace pyrite.

87JR-4	grab	green and purple agglomeratic rock with 1% disseminated pyrite
87JR-5	1/2m chip	shear zone with quartz and fuchsite, minor Fe carbonate
87JR-6	1/2m chip	shear zone with quartz and fuchsite, minor Fe carbonate
87JR-7	1/2m chip	shear zone with quartz and fuchsite, minor Fe carbonate
87JR-8	1/2m chip	shear zone with quartz and fuchsite, minor Fe carbonate
87JR-9	1m chip	ankerite zone with jasper horizon on one contact
87JR-10	1m chip	ankerite zone with jasper horizon on one contact
87JR-11	grab	quartz ankerite zone with mica
87JR-12	3/4m chip	across pale green feldspar porphory dyke
87JR-13	grab	quartz stockwork within foliated andesite
87JR-14	grab	quartz epidote vein with 1% disseminated pyrite within foliated andesite
87JR-15	20cm chip	quartz carbonate shear zone
87JR-16	1/2m chip	shear contact at pillowed unit with massive banded certy tuff
87JR-17	10cm chip	quartz carbonate ankerite shear
87JR-18	1/2m chip	quartz carbonate ankerite shear
87JR-19	grab	white quartz vein with epidote within green agglomeratic tuff
87JR-20	float	quartz epidote vein
87JR-21	float	rusty grey cherty tuff with 5% blebs of pyrite
87JR-22	grab	quartz epidote vein
87JR-23	grab	banded fine grained black tuff with quartz stringers
87JR-24	1m chip	altered quartz ankerite zone
87JR-25	grab	fine grained basalt, minor quartz veining, 1% disseminated pyrite
87JR-26	1/2m chip	quartz carbonate shear zone
87JR-27	grab	quartz vein within foliated volcanic unit
87JR-28	grab	quartz vein within fault zone
87JR-29	grab	5cm quartz epidote vein, discontinuous
87JR-30	float	white-grey quartz within black chert
87JR-31	float	quartz ankerite vein stockwork within black banded cherty tuff
87JR-32	float	quartz ankerite vein stockwork within black banded cherty tuff
87JR-33	grab	sericite altered cherty tuff with ankerite veining
87JR-34	grab	quartz stockwork veining within sericite altered cherty tuff
87JR-35	float	quartz stockwork within black cherty tuff
87JR-36	grab	silicified chert with 10cm wide milky white quartz vein
87JR-37	grab	quartz ankerite stovkwork
87JR-38	grab	5cm wide quartz vein within banded tuff (less cherty)

87JR-39	grab	quartz ankerite stockwork within black banded tuff
87JR-40	grab	quartz vein within banded tuff
87JR-41	float	quartz zoning within black cherty tuff
87JR-42	grab	highly fractured banded cherty tuff
87JR-43	1m chip	foliated andesite with quartz carbonate veining, trace pyrite
87JR-44	grab	siliceous andesite dyke with trace pyrite
87JR-45	float	red and green banded cherty tuff with trace disseminated pyrite
87JR-46	1/2m chip	quartz veined highly foliated andesite
87JR-47	1/2m chip	foliated andesite, large pyrite cubes 1-2cm, pyrite veinlets
87JR-48	1m chip	serpentinized black cherty tuff with 3% disseminated pyrite
87JR-49	1m chip	sericite altered strongly silicified quartz carbonate zone, 20% fuchsite and pyrite
87JR-50	1/4m chip	sericite altered strongly silicified quartz carbonate zone, 20% fuchsite and pyrite
87JR-51	float	black basalt flow with quartz stockwork and pyrite lenses
87JR-52	grab	serpentinite altered contact at foliated ankerite andesite rock
87JR-53	float	hematite stained siliceous rock with stockwork quartz and 10% blebs pyrite
87JR-54	grab	barren vuggy white quartz veins with hematite stain
87JR-55	1m chip	milky white quartz vein within ankerite shear zone
87JR-56	grab	andesite flow rim, dark with trace pyrite
87JR-57	grab	andesite flow selvage with disseminated and blebs of 1% pyrite
87JR-58	grab	rusty basalt selvage within cherty tuff, 1-2% disseminated pyrite
87JR-59	grab	5cm wide shear with 2cm stockwork translucent milky quartz veinlets
87JR-60	grab	cherty hematite nodule within green-white weathered tuff, trace specular hematite
87JR-61	1/4m chip	ankerite zone with quartz veinlets, 1% disseminated pyrite and hematite
87JR-62	float	sericite ankerite rock with 1% disseminated pyrite
87JR-63	float	green sericite altered silicified rock with trace pyrite
87JR-64	grab	rusty black basalt to andesite shear zone
87JR-65	float	banded tuff very siliceous with 1-2% disseminated pyrite
87JR-66	1m chip	sericite altered strongly silicified quartz carbonate zone, 20% fuchsite and pyrite
87JR-67	1/4m chip	sericite altered strongly silicified quartz carbonate zone, 20% fuchsite and

		pyrite
87JR-68	1m chip	serpentinized black certy tuff with 3% disseminated pyrite
87JR-69	1m chip	serpentinite altered contact at foliated ankerite andesite rock
87JR-70	1/2m chip	black cherty tuff with 10% blebs pyrite
87TR-1	grab	quartz vein within green andesite
87TR-2	float	rusty quartz boulder
87TR-3	1m chip	shear zone within andesite flow, trace pyrite
87TR-4	1m chip	shear zone within andesite flow, trace pyrite
87TR-5	grab	pyritized chert zone
87TR-6	grab	foliated chert with rusty quartz stringers
87TR-7	1m chip	pyritic shear zone
87TR-8	1/2m chip	rusty pyritic shear zone
87TR-9	grab	phyllite rock with trace pyrite
87TR-10	float	andesite with trace pyrite
87TR-11	grab	cherty tuff with pyrite
87TR-12	grab	as above
87TR-13	grab	as above
87TR-14	grab	as above
87TR-15	1m chip	shear zone in chest with rusty stain and 1% pyrite
87TR-16	grab	shear zone in chest with pyrite
87TR-17	grab	very sheared rock
87TR-18	grab	basalt with 5cm quartz vein
87TR-19	grab	altered basalt(sheared) with quartz epidote vein
87TR-20	grab	siliceous basalt chest? , fracture pyrite arsenopyrite
87TR-21	grab	pyrite rusty siliceous tuff
87TR-22	1m chip	foliated rusty chest tuff with desseminated and blebs pyrite 1-5%
87TR-23	1m chip	as above
87TR-24	1m chip	as above
87TR-25	1m chip	as above
87TR-26	1m chip	as above
87TR-26A	1m chip	as above
87TR-27	1m chip	as above
87TR-28	1m chip	as above
87TR-29	1m chip	as above
87TR-30	grab	anmineralized chesty tuff

GEOPHYSICAL SURVEY

A EM-VLF geophysical survey was performed over the Ddam grid. A Crone Radem EM-VLF receiver was used in conjunction with 2 stations, i) Laulualei, Hawaii (NPM) 23.4 KHz, and Bordeaux, France (FUO) 15.1 KHz, (very weak but detectable). laulualei had the stronger signal and was more perpendicular to the direction of the survey lines. Not having a station orthogonal to the survey lines, required that 2 stations be used to substantiate anomalous conductors. The survey was performed to dilineate possible disseminated and or mossive sulphide bodies and conductive zones. The overburden profile suggests that it is non-conductive. This is evident from the high sand and humus nature of the soil. The receiver measuredthe dip angle, in degrees, of the magnetic feild component. This dip angle is the deviation from the horizontal of the major axis of the magnetic feild components polarized ellipse. The accuracy of the readings is 1.5 degrees. A total of 6 lines were surveyed with a total length of 4.9 kilometers. Steep slopes and cliff edges limited the extent of the survey. The raw data was Fraser filtered which reproduces the cross overs into positive peaks for conductor location seperation of crest to trough through inflection points of non-filtered data give some indication of maximum conductor depth. SHape of dip angle curve relates to subsurface orientation of conductors. The survey was done by paul jones on November 2, 1987. It covered the saddle shaped plateau region between Cop Mountain and Henry Peak.

The survey revealed one continuous conductor (#1) over 3 lines and 6 other single line conductors.

The continuous conductor was also the strongest, having degree readings in 15 to 20 degree range as well as above the selected 10 degree anomalous value. The depth of the conductor ranges from 50-70 meters. The inferred shape is that of a thin slab dipping down to the west. Along the strike of the conductor down into Henry Lake Creek valley is a pronounced structure. Within this structure are associated quartz veins that were noticed but due to time constraints were not mapped or sampled.

Conductor (3@0 is located on the base line just west of (#1) and was picked up by both stations.

Conductor (#3) was picked up by both stations on the base line but only Bordeaux on the 1 +50 S.

Conductor (#4), like (#2)parellels the major (#1) conductor and was detected by both stations.

Conductor (#5) on the 1 +50 S is weak but detected by both stations.

The final crossover, conductor (#6) was detected by Laulualei but is also weak.

Of the six cross-overs only the conductor (#1) is of significant and persistent character to be of geological interest. The only detectable Au values from the soil survey also correlate to the conductor strike.
It is important to mention that the survey has some limitations. It is only of reconnaissance nature, line spacings were 150m., transmittor stationswere not perpendicular to survey lines, nor were the stations perpendicular to revealed conductors.

CONCLUSIONS

Results of limited grassroots prospecting have indicated the presence of potential mineral environments that have economic significance. A more comprehensive exploration program would better determine the potential of the claim group. All prospecting tools, from geochemistry to geophysics are effective. With the completion of winter logging roads more efficient access will greatly facilitate future exploration.

VLF SURVEY DDAM CLAIMS

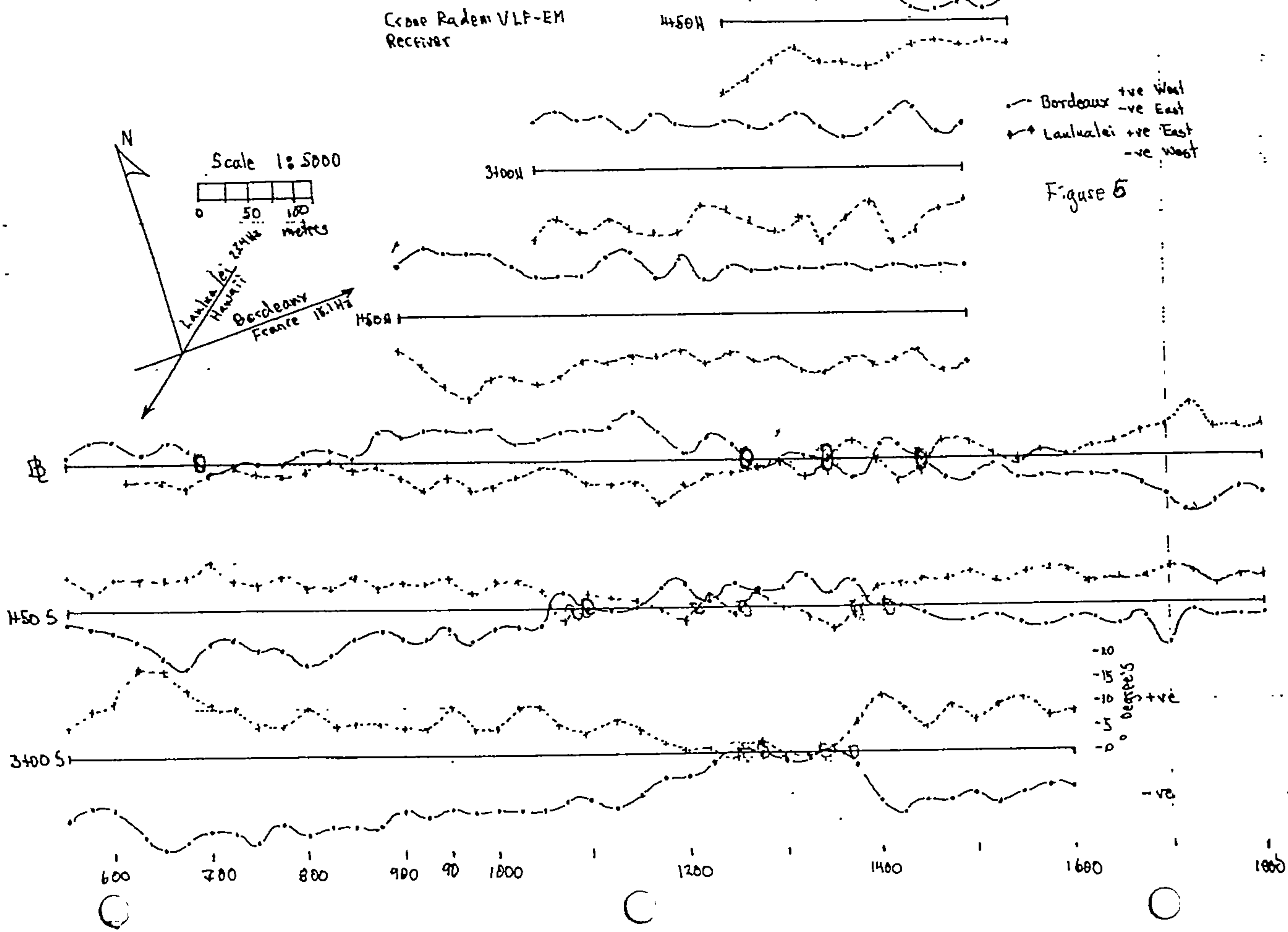
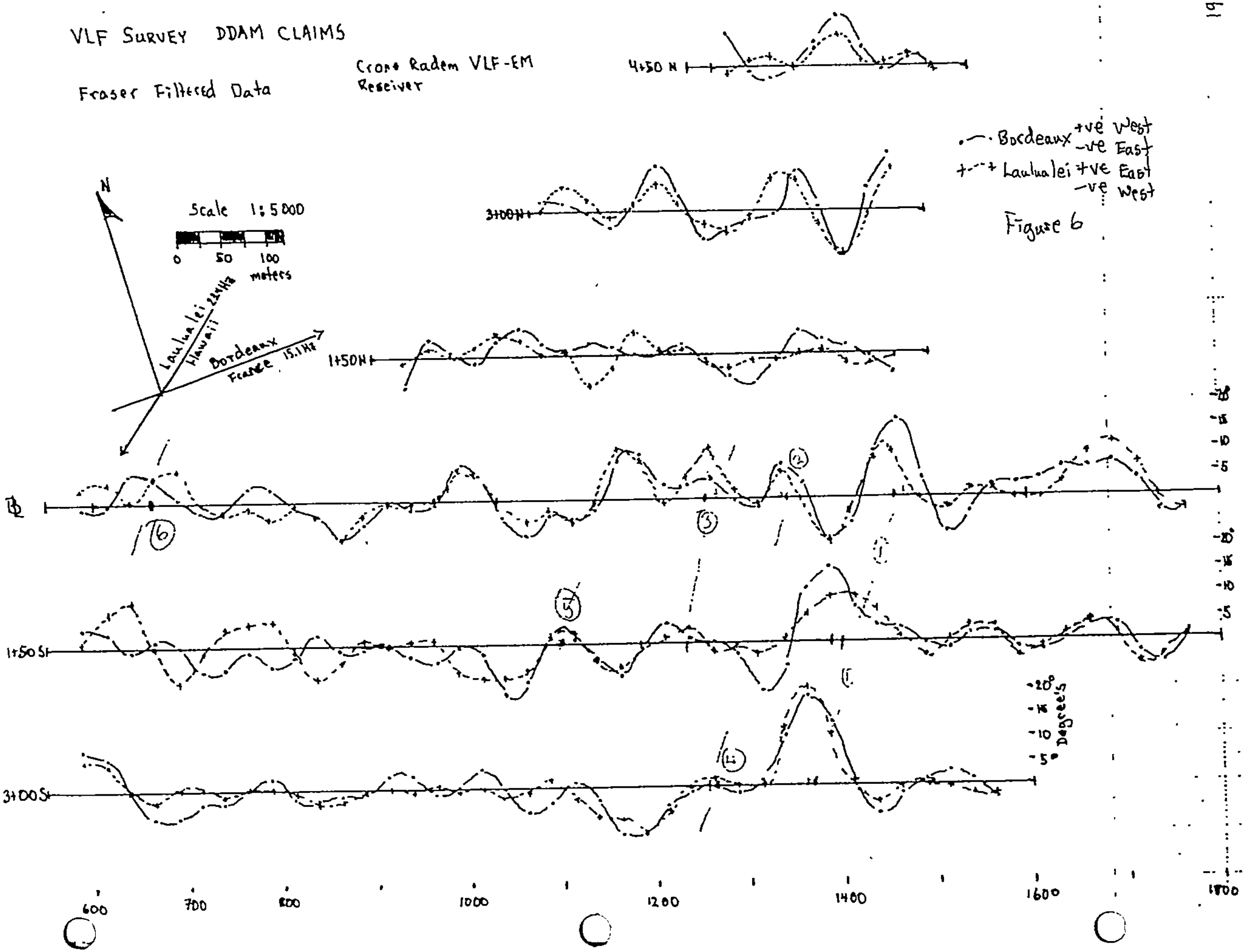


Figure 5


VLF SURVEY DDAM CLAIMS
Fraser Filtered Data
Crone Radem VLF-EM Receiver
4+50 N
3+00N
1+50N
BL
1+50 S
3+00 S
Bordeaux +ve West -ve East
Laulualei +ve East -ve West
Figure 6
Scale 1:5000
0 50 100 meters
N
Laulualei 23.4Hz Hawaii
Bordeaux 15.1Hz France
Degrees
600
700
800
1000
1200
1400
1600
1800

APPENDIX A : GEOCHEMICAL DATA

LACANA MINING PROJECT-6101 FILE # 87-5374

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
3+00S 13+50E	1	16	9	34	.1	4	5	440	6.12	4	5	ND	1	19	1	2	2	114	.23	.121	7	20	.44	71	.02	2	2.36	.01	.05	1	1
3+00S 13+75E	1	25	5	45	.3	7	7	456	4.91	3	5	ND	2	28	1	2	2	79	1.19	.078	13	18	.51	217	.01	3	2.00	.01	.06	1	1
3+00S 14+00E	1	117 ✓	7	43	.5	8	9	458	3.81	4	5	ND	3	14	1	2	2	57	.21	.132	15	17	.35	97	.04	6	3.32	.01	.05	2	2
3+00S 14+25E	1	29	4	34	.1	3	5	(1000)	2.69	2	5	ND	1	27	1	3	2	64	.35	.083	4	6	.23	95	.14	3	1.58	.01	.09	1	1
3+00S 14+50E	1	89	12	37	.4	12	9	397	2.95	2	5	ND	1	12	1	2	2	44	.21	.129	8	15	.28	89	.04	3	2.23	.01	.07	1	1
3+00S 14+75E	1	39	7	59	.1	24	11	690	5.03	5	5	ND	2	21	1	2	2	83	.50	.072	7	53	1.50 ✓	38	.13	3	3.04	.01	.05	1	1
3+00S 15+00E	1	29	14	53	.1	8	9	(1419)	4.95	5	5	ND	2	18	1	2	2	85	.43	.132	7	21	.52	62	.19 ✓	2	2.52	.01	.08	1	1
3+00S 15+25E	1	17	10	30	.2	4	4	519	3.34	2	5	ND	1	20	1	2	2	53	.26	.065	7	9	.25	88	.10	4	1.95	.01	.11	2	1
3+00S 15+50E	1	22	6	40	.1	6	6	672	3.55	2	5	ND	1	18	1	2	2	62	.27	.062	6	16	.46	100	.11	3	2.37	.01	.11	1	2
3+00S 15+75E	1	104 ✓	8	32	.3	8	6	242	3.47	2	5	ND	2	19	1	2	2	53	.24	.116	8	21	.36	63	.09	4	3.01	.01	.05	1	1
3+00S 16+00E	1	25	5	42	.1	7	6	336	3.62	2	5	ND	2	25	1	2	2	89	.39	.062	6	16	.71	112	.10	2	3.12	.01	.07	1	3
~~STD C/AU-S~~	~~16~~	~~58~~	~~37~~	~~130~~	~~7.2~~	~~67~~	~~27~~	~~1071~~	[illegible]	~~40~~	~~18~~	~~7~~	~~38~~	~~51~~	~~18~~	~~18~~	~~22~~	~~58~~	~~.51~~	~~.094~~	~~38~~	[illegible]	[illegible]	~~177~~	[illegible]	~~34~~	[illegible]	[illegible]	~~.13~~	~~13~~	[illegible]
	20	265	103	162	1.02	142	20	[illegible]	15	[illegible]	+	[illegible]	5	460	2	20	2	160	15	.2	16	150	3	500	.2	100	.3	.07	.15	5	

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87 JR-67	9	71	32	43	(1.1)	16	8	264	8.43	104 ✓	5	ND	4	8	1	15	2	25	.33	.036	6	10	.30	61	.01	2	.95	.03	.06	1	32 ✓
48 87 JR-68	2	93	7	43	.5	32	18	729	3.73	27	(12)	ND	2	324	1	5	2	37	9.85	.041	5	46	2.79	39	.01	3	.35	.01	.08	3	1
42 87 JR-69	1	37	8	97	.5	56	(29)	599	4.50	2	8	ND	3	178	1	2	2	90	7.95	.039	6	138 ✓	2.24	77	.01	2	(3.40)	.02	.12	1	1
87 JR-70	3	42	10	89	.7	60	17	801	4.49	29	6	ND	3	143	1	2	2	42	7.40	.047	5	79	2.95	39	.01	5	1.40	.04	.09	3	3

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
1+50S 17+25E	1	29	18	24	.1	8	3	139	.88	5	5	ND	1	18	1	2	2	45	.52	.125	5	27	.38	36	.09	4	2.00	.01	.03	1	1
1+50S 17+50E	1	21	14	20	.1	6	2	86	2.29	6	5	ND	1	15	1	2	2	149 ✓	.28	.045	4	28	.38	29	.10	6	1.86	.01	.03	1	1
1+50S 17+75E	1	19	10	17	.1	13	5	226	2.31	2	5	ND	1	44	1	2	2	152 ✓	.74	.053	4	46	.54	30	.23	6	1.74	.01	.03	1	1
1+50S 18+00E	1	20	9	12	.1	7	3	128	1.37	2	5	ND	1	41	1	2	2	77	.71	.029	5	20	.23	36	.09	6	1.41	.01	.03	1	2
3+00S 5+50E	1	22	8	43	.1	5	6	401	3.95	2	5	ND	1	30	1	2	2	123	.60	.049	7	16	.50	76	.11	3	2.81	.01	.03	1	3
3+00S 5+75E	1	16	7	27	.1	2	4	560	1.69	2	5	ND	1	27	1	2	2	53	.38	.058	7	8	.25	70	.01	6	1.43	.01	.05	1	5
3+00S 6+00E	1	33	5	39	.1	7	7	305	4.53	2	5	ND	1	23	1	2	2	112	.38	.076	6	17	.70	72	.09	6	2.48	.01	.04	1	1
3+00S 6+25E	1	14	6	24	.1	2	3	175	1.85	2	5	ND	1	25	1	2	2	69	.54	.044	3	7	.25	73	.06	5	1.42	.01	.05	1	1
3+00S 6+50E	1	13	6	15	.1	2	3	128	2.17	2	5	ND	1	33	1	2	2	103	.49	.036	5	9	.21	45	.13	5	1.58	.01	.03	1	2
3+00S 6+75E	2	23	9	58	.1	7	8	473	6.07	2	5	ND	2	28	1	2	2	161	.59	.100	7	18	.73	54	.22	7	3.45	.01	.05	1	1
3+00S 7+00E	1	22	4	31	.2	6	5	221	3.49	2	5	ND	1	31	1	2	2	114	.56	.059	6	16	.45	79	.12	6	2.63	.01	.03	1	1
3+00S 7+25E	1	19	2	22	.1	3	4	152	2.42	2	5	ND	1	33	1	2	2	115	.61	.037	5	10	.33	61	.13	5	2.42	.01	.03	1	1
3+00S 7+50E	1	12	7	21	.1	3	4	200	3.14	4	5	ND	1	50	1	2	2	125	.53	.070	4	13	.43	19	.25	4	1.73	.01	.02	1	1
3+00S 7+75E	1	12	6	20	.1	7	3	133	2.01	2	5	ND	1	33	1	2	2	85	.52	.035	5	21	.31	27	.11	6	1.44	.01	.02	1	1
3+00S 8+00E	1	16	5	29	.1	10	5	209	5.25	6	5	ND	2	30	1	2	2	156	.41	.090	5	41	.35	25	.17	7	2.20	.01	.02	1	2
3+00S 8+25E	2	21	11	44	.1	15	7	293	7.31	4	5	ND	1	28	1	2	2	170	.44	.080	7	61	.83	48	.11	3	3.73	.01	.03	1	1
3+00S 8+50E	1	18	3	34	.2	18	9	439	7.20	7	5	ND	2	3	1	2	2	167	.02	.064	10	55	1.71 ✓	62	.01	3	4.49	.01	.04	1	1
3+00S 8+75E	2	35	10	59	.1	27	11	441	7.95	13	5	ND	2	16	1	2	2	145 ✓	.23	.118	11	83	1.05 ✓	75	.09	6	3.23	.01	.04	1	3
3+00S 9+00E	1	24	8	26	.2	6	5	321	3.54	4	5	ND	1	18	2	3	2	121	.22	.068	6	25	.29	55	.03	7	1.83	.01	.02	1	1
3+00S 9+25E	1	13	2	16	.1	3	2	114	1.63	2	5	ND	1	17	1	2	2	64	.24	.037	9	11	.19	43	.02	5	1.45	.01	.02	1	1
3+00S 9+50E	1	73	14	152 ✓	.3	36	18	11675 ✓	3.23	7	5	ND	1	100 ✓	2	2	2	42	2.35	.190	28	80	.48	524	.03	8	5.03	.01	.05	1	1
3+00S 9+75E	1	21	14	61	.3	16	16	1646	4.70	2	5	ND	2	57	1	2	2	104	1.18	.051	7	49	.89	161	.06	7	2.32	.01	.04	1	2
3+00S 10+00E	2	33	11	98	.3	37	20	4517	5.14	4	5	ND	1	37	1	2	2	122	.65	.079	11	84	.88	225	.04	8	3.94	.01	.04	1	1
3+00S 10+25E	1	14	4	37	.1	7	5	298	2.53	3	5	ND	1	24	1	2	2	89	.47	.056	7	22	.38	106	.01	6	1.88	.01	.03	1	1
3+00S 10+50E	1	29	7	35	.3	8	6	234	6.19	5	5	ND	2	19	1	2	2	142 ✓	.19	.111	7	29	.70	38	.06	4	2.84	.01	.03	1	1
3+00S 10+75E	1	34	2	43	.2	5	7	384	5.44	8	5	ND	2	8	1	2	2	166	.07	.067	11	15	.54	154	.01	4	3.32	.01	.05	1	2
3+00S 11+00E	1	11	5	12	.1	9	3	73	1.87	12	5	ND	1	5	2	2	2	88	.04	.038	5	51	.24	30	.01	7	.96	.01	.03	1	1
3+00S 11+25E	2	31	9	68	.3	9	10	1323	4.18	6	5	ND	2	13	1	2	2	83	.30	.131	9	22	.60	95	.01	9	2.61	.01	.05	1	10
3+00S 11+50E	1	20	9	28	.2	5	7	310	4.53	13	5	ND	2	4	1	9 ✓	2	144 ✓	.03	.078	12	9	.25	59	.01	2	2.33	.01	.04	1	1
3+00S 11+75E	1	25	10	14	.1	3	3	100	1.08	2	5	ND	2	21	1	5	2	51	.13	.063	8	6	.07	54	.01	7	1.32	.01	.04	1	1
3+00S 12+00E	1	47	7	53	.1	6	11	441	7.97	6	5	ND	3	15	1	2	4	144 ✓	.13	.359	7	28	1.16 ✓	32	.01	3	3.60	.01	.04	1	2
3+00S 12+25E	1	51	8	130 ✓	.1	12	9	5741	1.12	2	5	ND	1	43	1	2	2	23	2.67	.179 ✓	13	8	.19	256	.02	9	3.01	.01	.04	1	1
3+00S 12+50E	1	32	5	82	.2	8	21	934	4.67	4	5	ND	2	21	2	2	2	88	.33	.111	10	19	.43	178	.03	4	3.33	.01	.05	1	1
3+00S 12+75E	1	23	6	77	.2	8	10	1078 ✓	5.53	3	5	ND	2	38	1	2	2	118	.91	.106	9	24	.63	197	.05	6	3.31	.01	.05	1	2
3+00S 13+00E	1	33	8	57	.1	8	9	587	5.85	5	5	ND	2	52	2	2	2	85	.40	.169	8	22	.82	61	.05	4	3.00	.01	.07	1	1
3+00S 13+25E	1	29	3	46	.1	8	7	432	5.29	5	5	ND	1	42	1	2	2	129	.36	.087	6	34	.75	171	.06	2	3.18	.01	.05	1	12
STD C/AU-S	18	58	40	131	[illegible]	68	28	1045	4.25	37	20	8	38	52	20	17	23	60	.50	.090	39	61	.89	179	.08	34	1.81	.07	.14	14	47

NOV 23 '87 12:33 LACANA MINING CORP. VCR. B.C. P.6

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
1+50S 8+25E	1	26	13	10	.4	9	2	103	1.43	2	5	ND	1	25	1	2	2	49	.27	.046	6	21	.12	58	.03	2	1.37	.01	.04	1	1
1+50S 8+50E	1	27	19	65	.1	75	14	702	6.96	7	5	ND	2	71	1	2	2	187	.71	.124	4	154	1.95	73	.37	2	3.55	.01	.03	1	2
1+50S 8+75E	1	11	17	33	.3	19	6	316	4.92	4	5	ND	1	21	1	2	2	163	.25	.089	5	73	.48	39	.22	2	2.49	.01	.04	1	1
1+50S 9+00E	1	25	13	50	.1	28	10	449	6.80	8	5	ND	2	36	1	2	2	162	.40	.111	4	92	1.23	47	.31	5	3.59	.01	.03	1	1
1+50S 9+25E	1	18	23	34	.1	28	4	217	3.71	18	5	ND	1	9	1	2	2	121	.13	.049	5	89	.79	37	.03	2	2.96	.01	.04	1	2
1+50S 9+50E	1	39	20	91	.1	39	19	717	6.26	12	5	ND	2	27	1	2	2	144	.43	.099	8	105	1.41	99	.17	2	3.96	.01	.06	1	1
~~STD C/AU-S~~	~~18~~	~~62~~	~~42~~	~~132~~	~~7.2~~	~~72~~	~~28~~	~~1018~~	~~3.97~~	~~39~~	~~18~~	~~4~~	~~37~~	~~51~~	~~17~~	~~17~~	~~21~~	~~59~~	~~.50~~	~~.091~~	~~37~~	~~59~~	~~.88~~	~~170~~	~~.09~~	[illegible]	~~1.75~~	[illegible]	[illegible]	~~14~~	~~52~~
1+50S 9+75E	1	21	18	38	.1	23	6	373	6.21	5	5	ND	2	29	1	2	2	193	.32	.159	4	105	.72	22	.28	2	2.22	.01	.04	1	1
1+50S 10+00E	1	30	17	41	.3	58	15	359	6.09	13	5	ND	2	10	2	2	2	157	.12	.125	7	166	1.61	57	.03	2	4.76	.01	.06	1	1
1+50S 10+25E	1	18	11	65	.1	67	10	408	8.44	13	5	ND	2	7	1	2	3	272	.08	.137	3	314	1.70	22	.65	2	3.36	.01	.06	1	1
1+50S 10+50E	1	14	7	10	.2	4	3	108	1.95	2	5	ND	1	12	1	2	2	73	.15	.055	7	9	.31	20	.01	2	1.68	.01	.03	1	2
1+50S 10+75E	1	12	10	10	.1	2	2	130	1.63	2	5	ND	1	35	1	2	2	67	.29	.039	6	6	.18	19	.04	2	1.55	.01	.04	1	2
1+50S 11+00E	1	9	13	19	.1	1	2	164	2.34	2	5	ND	1	31	1	2	2	61	.27	.059	5	6	.23	36	.10	2	1.95	.01	.03	1	1
1+50S 11+25E	1	9	15	27	.1	1	3	239	4.40	2	5	ND	1	29	2	2	2	101	.32	.128	5	3	.30	19	.26	2	2.18	.01	.03	1	1
1+50S 11+50E	1	15	8	19	.1	3	3	115	2.30	2	5	ND	1	56	1	2	2	73	.41	.070	5	11	.22	25	.15	2	1.98	.01	.04	1	1
1+50S 11+75E	1	46	18	45	.1	5	7	235	6.14	13	5	ND	3	11	1	2	2	86	.11	.196	11	15	.29	54	.01	2	6.25	.01	.06	1	1
1+50S 12+00E	1	38	13	58	.1	10	9	405	7.44	10	5	ND	2	21	1	2	3	128	.28	.225	6	29	.88	41	.06	2	3.88	.01	.06	1	2
1+50S 12+25E	1	25	14	38	.1	4	5	274	4.37	6	5	ND	1	31	1	2	2	138	.37	.130	7	14	.35	40	.08	2	2.91	.01	.06	1	1
1+50S 12+50E	1	16	11	15	.2	1	2	98	2.10	2	5	ND	1	34	1	2	2	56	.54	.080	6	3	.14	27	.12	2	1.85	.01	.04	1	1
1+50S 12+75E	1	5	10	10	.1	1	1	91	.93	2	5	ND	1	54	1	2	3	44	.35	.018	4	3	.12	26	.11	2	1.79	.01	.02	1	3
1+50S 13+00E	1	41	12	43	.1	9	7	269	8.75	14	5	ND	3	10	1	3	2	133	.15	.282	9	27	.55	48	.04	2	3.70	.01	.09	1	1
1+50S 13+25E	1	19	11	35	.1	4	5	257	2.49	4	5	ND	1	38	1	2	2	53	.18	.087	8	9	.39	114	.01	2	3.54	.01	.05	1	1
1+50S 13+50E	1	28	14	89	.2	11	13	2243	5.05	12	5	ND	1	21	2	2	2	69	.49	.100	11	23	.38	129	.01	2	2.81	.01	.07	1	1
1+50S 13+75E	1	28	3	25	.2	12	5	169	3.44	2	5	ND	2	16	2	2	2	57	.19	.100	13	26	.28	57	.02	2	2.06	.01	.05	1	2
1+50S 14+00E	1	45	10	53	.1	20	9	422	4.13	6	5	ND	1	22	1	2	2	75	.31	.125	8	39	.09	55	.07	2	3.29	.01	.06	2	1
1+50S 14+25E	1	38	13	19	.2	4	3	173	2.32	2	5	ND	1	21	3	2	2	62	.48	.073	6	13	.19	57	.12	2	2.07	.01	.03	1	1
1+50S 14+50E	1	8	13	13	.1	1	2	130	1.57	2	5	ND	1	27	1	2	2	71	.43	.029	5	3	.16	34	.12	2	2.30	.01	.03	1	2
1+50S 14+75E	1	28	10	36	.1	18	7	272	5.45	9	5	ND	2	47	2	2	2	158	.43	.045	5	72	.87	37	.19	2	3.89	.01	.05	1	1
1+50S 15+00E	1	47	11	34	.2	24	8	254	2.94	6	5	ND	1	39	1	2	3	93	.62	.084	9	77	1.17	46	.15	2	3.25	.01	.06	1	1
1+50S 15+25E	1	34	16	17	.2	9	3	104	2.58	2	5	ND	1	33	1	2	2	88	.35	.078	6	32	.38	41	.09	2	2.37	.01	.06	1	2
1+50S 15+50E	1	14	8	13	.1	4	4	141	2.08	2	5	ND	1	21	1	2	2	79	.36	.047	3	21	.48	32	.17	2	1.55	.01	.05	1	1
1+50S 15+75E	1	64	14	13	.1	8	1	11	.31	10	5	ND	1	7	1	3	2	13	.17	.129	8	21	.09	20	.03	1	3.39	.01	.02	1	1
1+50S 16+00E	1	13	10	10	.1	3	3	103	3.03	2	5	ND	2	44	2	2	2	316	.18	.029	5	16	.23	47	.36	2	2.15	.01	.02	1	1
1+50S 16+25E	1	26	7	38	.1	13	7	468	9.02	6	5	ND	2	24	1	2	2	201	.53	.086	5	56	.48	32	.32	2	3.07	.01	.05	1	1
1+50S 16+50E	1	42	20	31	.1	9	4	144	6.08	21	5	ND	2	7	2	2	1	196	.26	.093	10	51	.39	160	.24	2	2.23	.01	.05	2	2
1+50S 16+75E	1	27	3	4	.1	5	1	29	.57	2	5	ND	1	7	1	2	2	16	.09	.093	4	12	.04	50	.02	2	.91	.01	.05	1	1
1+50S 17+00E	1	18	15	25	.1	9	4	185	3.05	5	5	ND	1	38	2	2	2	128	.30	.043	7	39	.55	31	.07	2	3.49	.01	.04	1	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
10+00E	1	8	2	12	.1	2	2	180	1.49	2	5	ND	2	23	1	2	2	79	.47	.048	3	5	.17	18	.18	3	1.31	.01	.03	1	1
10+25E	1	12	3	19	.1	3	4	227	3.73	2	5	ND	1	25	1	2	2	126	.49	.053	4	10	.36	19	.17	3	2.15	.01	.03	1	2
10+50E	1	7	6	5	.3	1	2	88	1.20	2	5	ND	1	25	2	2	2	64	.18	.054	3	4	.13	7	.15	6	.66	.01	.03	1	1
10+75E	1	26	4	33	.1	5	5	220	4.90	5	5	ND	2	19	1	3	3	(157)	.29	.244	4	28	.45	20	.16	5	3.00	.01	.05	1	1
11+00E	1	11	3	9	.1	1	2	82	2.24	2	5	ND	1	31	1	2	2	92	.36	.041	4	5	.12	16	.14	4	1.26	.01	.03	1	1
~~STD C/AU-S~~	~~19~~	~~60~~	~~41~~	~~126~~	~~7.2~~	~~68~~	~~28~~	~~1016~~	~~4.15~~	~~40~~	~~16~~	~~7~~	~~37~~	~~50~~	~~18~~	~~17~~	~~21~~	~~58~~	~~.48~~	~~.090~~	~~38~~	~~59~~	~~.86~~	~~178~~	~~.08~~	~~36~~	~~1.88~~	~~.06~~	~~.13~~	~~12~~	~~52~~
11+25E	1	14	7	9	.1	2	2	54	1.78	2	5	ND	2	21	1	2	2	89	.22	.065	4	5	.11	21	.11	3	1.69	.01	.04	1	1
11+50E	1	17	8	16	.2	2	3	202	4.35	4	5	ND	1	26	1	2	2	(135)	.24	.123	4	7	.23	20	.16	2	1.57	.01	.04	1	2
11+75E	1	25	2	17	.2	2	4	150	2.28	2	5	ND	1	17	1	2	2	90	.21	.047	9	5	.13	28	.03	5	1.70	.01	.03	1	1
12+00E	1	12	5	10	.1	1	2	67	1.11	2	5	ND	1	27	1	2	2	58	.30	.036	7	3	.11	57	.02	3	1.28	.01	.04	1	1
12+25E	1	22	2	29	.1	3	5	130	2.22	11	5	ND	1	13	1	2	2	62	.19	.048	7	5	.09	11	.01	8	1.28	.01	.04	1	2
12+50E	1	19	2	22	.1	3	3	82	2.10	2	5	ND	1	19	1	2	2	60	.35	.089	12	6	.11	67	.04	4	1.71	.01	.04	2	2
12+75E	1	27	3	13	.4	3	2	58	1.63	3	5	ND	1	18	1	2	2	45	.22	.120	5	10	.13	39	.02	2	2.37	.01	.06	1	1
13+00E	1	18	3	15	.3	1	2	104	1.35	2	5	ND	1	43	1	2	2	50	.26	.040	5	3	.10	16	.02	5	1.58	.01	.03	1	1
13+25E	1	37	7	33	.4	3	6	206	3.46	4	5	ND	1	12	1	2	2	73	.17	.130	13	9	.24	64	.04	2	2.91	.01	.05	1	1
13+50E	2	45	11	78	.1	4	10	531	9.54	20 ✓	5	ND	2	2	1	6	2	64	.01	.158	8	5	.07	35	.01	5	1.39	.01	.05	1	1
13+75E	1	7	3	15	.1	1	2	109	1.82	3	5	ND	1	7	1	2	2	54	.04	.034	11	2	.04	18	.01	3	.92	.01	.03	1	1
14+00E	2	25	4	51	.2	5	11	331	4.01	4	5	ND	5	19	1	2	2	51	.34	.080	19	12	.19	132	.01	4	2.88	.01	.05	3	7
14+25E	1	8	5	12	.1	1	2	97	1.90	2	5	ND	1	48	1	2	2	46	.15	.052	4	2	.13	18	.01	6	1.54	.01	.03	1	1
14+50E	1	9	2	20	.1	2	3	99	1.62	5	5	ND	2	5	1	2	2	30	.02	.036	24	2	.04	19	.01	5	.56	.01	.04	1	1
14+75E	2	73	6	103 ✓	.3	57 ✓	(24)	1852	5.00	20 ✓	5	ND	2	45	1	2	2	99	1.22	.076	12	107	2.09	155	.08	16	4.44	.01	.06	1	1
15+00E	1	40	13	30	.2	13	6	239	5.95	5	5	ND	2	25	3	2	2	130	.40	.090	5	47	.69	43	.11	5	3.25	.01	.06	1	1
15+25E	1	61	9	12	.2	12	4	83	1.39	2	5	ND	1	27	1	2	2	57	.42	.092	6	30	.38	48	.05	7	2.39	.01	.04	1	11 —
15+50E	1	16	6	13	.1	5	3	90	2.32	4	5	ND	1	34	1	2	2	126	.43	.069	4	27	.29	36	.11	2	2.01	.01	.05	1	1
15+75E	1	22	12	10	.6	8	3	123	1.70	3	5	ND	1	76	1	2	2	69	.07	.080	5	42	.38	49	.11	5	2.20	.01	.06	1	1
16+00E	1	29	7	24	.1	16	6	140	2.66	12	5	ND	1	18	1	2	2	98	.27	.076	6	42	.46	43	.05	4	1.84	.01	.07	1	1
1+50S 5+50E	2	27	12	52	.1	10	11	642	7.34	5	5	ND	3	25	2	5	2	(172)	.30	.112	5	20	1.01	101	.25	3	4.21	.01	.05	1	1
1+50S 5+75E	2	34	2	59	.2	12	12	467	6.99	2	5	ND	2	17	1	2	3	124	.17	.091	10	21	1.37	57	.05	4	3.74	.01	.04	1	1
1+50S 6+00E	1	12	9	29	.3	4	5	360	4.18	4	5	ND	1	17	2	2	2	(153)	.34	.105	6	11	.31	26	.08	6	2.90	.01	.03	1	1
1+50S 6+25E	2	20	11	46	.1	4	8	1592	4.52	2	5	ND	1	26	1	2	2	139	.34	.080	5	10	.43	98	.08	7	3.45	.01	.04	1	1
1+50S 6+50E	1	15	6	34	.2	6	8	392	5.44	2	5	ND	2	34	2	2	2	(163)	.47	.107	5	18	.63	32	.15	5	2.55	.01	.04	2	1
1+50S 6+75E	1	9	4	13	.3	2	3	147	2.28	2	5	ND	1	55	1	2	2	123	.55	.029	5	9	.27	29	.25	4	1.91	.01	.02	1	1
1+50S 7+00E	1	20	9	49	.1	8	9	653	5.91	4	5	ND	1	29	1	2	2	(151)	.23	.119	4	21	.92	58	.11	2	3.74	.01	.05	1	1
1+50S 7+25E	1	16	7	15	.3	4	4	161	2.38	4	5	ND	1	25	1	2	2	83	.31	.085	6	10	.25	37	.05	3	1.35	.01	.04	1	1
1+50S 7+50E	2	32	11	42	.2	15	10	432	7.37	6	5	ND	3	26	1	2	2	144 ✓	.33	.129	7	44	1.02	40	.11	6	4.10	.01	.04	1	2
1+50S 7+75E	1	16	7	35	.2	11	5	290	1.85	2	5	ND	1	25	1	2	4	70	.39	.084	5	34	.85	29	.13	3	2.42	.01	.03	1	2
1+50S 8+00E	1	9	4	14	.2	6	3	169	1.96	3	5	ND	1	21	1	2	2	102	.34	.070	4	26	.36	20	.19	5	1.62	.01	.04	2	1

LACANA MINING PROJECT-6101 FILE # 87-5374

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
1+50N 10+25E	1	15	2	10	.1	9	3	142	1.46	3	5	ND	1	30	1	2	2	90	.38	.030	4	25	.38	23	.15	2	1.63	.01	.03	1	1
1+50N 10+50E	1	18	6	26	.1	5	5	212	5.23	7	5	ND	1	17	1	2	2	136	.32	.106	3	14	.43	26	.12	2	2.65	.01	.03	1	1
1+50N 10+75E	1	81	7	68	.2	23	17	1101	5.77	6	5	ND	3	20	1	2	2	107	.42	.118	8	40	1.63	44	.11	5	3.07	.01	.04	1	3
1+50N 11+00E	1	8	2	6	.1	1	1	28	1.30	2	5	ND	1	26	1	2	2	71	.25	.055	2	3	.10	19	.04	4	1.16	.01	.04	1	1
1+50N 11+25E	1	13	2	8	.1	2	2	38	2.43	2	5	ND	1	24	1	2	2	97	.22	.054	4	5	.13	22	.16	4	2.14	.01	.03	1	1
1+50N 11+50E	1	10	2	8	.1	2	2	49	1.16	2	5	ND	1	23	1	2	2	54	.32	.047	4	5	.15	24	.10	3	1.31	.01	.04	1	1
1+50N 11+75E	1	6	2	9	.1	2	1	46	.89	2	5	ND	1	22	1	2	2	62	.21	.024	4	5	.07	9	.09	2	1.02	.01	.02	1	2
1+50N 12+00E	1	9	2	3	.1	1	1	9	.34	2	5	ND	1	13	1	2	2	25	.15	.035	4	3	.04	30	.02	3	.86	.01	.03	1	1
1+50N 12+25E	1	35	2	73	.2	12	11	437	3.64	10	5	ND	3	18	1	2	2	72	.60	.111	18	34	.43	125	.01	2	3.28	.01	.03	1	2
1+50N 12+50E	1	37	7	72	.3	10	14	981	4.19	10	5	ND	2	12	1	4	2	83	.19	.117	20	29	.38	121	.01	3	3.76	.01	.04	1	1
1+50N 12+75E	1	15	5	13	.1	3	3	77	2.22	4	5	ND	1	13	1	4	2	101	.12	.036	11	4	.12	22	.08	2	1.35	.01	.02	1	1
1+50N 13+00E	1	27	8	18	.3	3	4	110	6.23	8	5	ND	1	27	1	3	2	[illegible]	.21	.099	3	22	.20	25	.21	3	1.96	.01	.03	1	1
1+50N 13+25E	1	7	5	7	.2	2	3	68	1.74	2	5	ND	1	31	1	2	2	117	.30	.040	3	7	.25	17	.13	3	1.61	.01	.02	1	1
1+50N 13+50E	1	23	4	11	.2	5	4	122	3.25	3	5	ND	1	31	1	2	2	164	.16	.089	4	27	.31	22	.10	2	1.50	.01	.03	1	1
1+50N 13+75E	1	8	5	7	.2	2	2	82	1.04	2	5	ND	1	32	1	2	2	78	.43	.040	3	6	.18	19	.11	5	1.24	.01	.04	1	1
1+50N 14+00E	1	12	6	6	.1	2	2	80	.82	2	5	ND	1	18	1	2	2	53	.70	.049	3	5	.18	24	.11	2	1.43	.01	.04	1	2
1+50N 14+25E	1	22	4	21	.1	3	3	203	3.37	5	5	ND	1	17	1	7	2	103	.06	.058	9	2	.18	7	.01	3	.91	.01	.03	1	1
1+50N 14+50E	1	5	5	8	.1	4	1	182	.38	2	5	ND	1	11	1	2	2	5	.21	.007	2	5	.04	19	.01	2	.50	.01	.04	1	1
1+50N 14+75E	2	64	2	24	.8	5	30	5346	3.12	3	5	ND	1	12	1	2	2	64	.14	.198	17	28	.23	33	.02	2	3.10	.02	.05	1	1
1+50N 15+00E	1	21	4	19	.2	6	4	194	4.13	3	5	ND	1	18	1	2	2	121	.15	.095	6	22	.41	31	.08	2	2.24	.01	.03	1	11
6+00E	1	8	5	17	.2	3	4	284	2.27	3	5	ND	1	19	1	2	2	154	.79	.037	3	7	.48	17	.24	3	2.60	.01	.02	1	1
6+25E	1	13	5	21	.3	3	4	215	3.56	3	5	ND	1	14	1	2	2	138	.21	.071	7	7	.45	17	.09	2	1.73	.01	.02	1	1
6+50E	1	10	7	16	.1	3	3	243	2.36	2	5	ND	1	28	1	2	2	118	.51	.053	5	16	.31	23	.13	2	1.76	.01	.02	1	3
6+75E	1	5	10	9	.1	2	1	205	.69	2	5	ND	1	41	1	2	2	58	.25	.021	3	5	.19	14	.09	3	1.42	.01	.02	1	1
7+00E	1	27	4	38	.5	5	3	247	4.23	2	5	ND	1	13	1	2	2	105	.15	.158	6	14	.35	26	.03	2	2.67	.01	.04	1	1
7+25E	1	14	10	14	.1	4	3	149	3.62	4	5	ND	1	19	1	2	2	137	.28	.099	5	12	.26	22	.16	2	2.51	.01	.05	2	1
7+50E	1	47	2	49	.7	26	11	450	6.30	4	5	ND	1	18	1	2	2	118	.20	.169	7	83	.89	35	.05	2	3.19	.01	.05	1	1
7+75E	2	43	8	49	.3	15	10	360	6.15	15	5	ND	2	22	1	4	2	111	.29	.105	6	64	.95	36	.09	5	3.45	.01	.04	1	1
8+00E	1	10	10	16	.3	5	3	164	1.61	3	5	ND	1	17	1	2	2	79	.27	.069	5	18	.28	29	.09	3	2.20	.01	.05	2	1
8+25E	2	24	8	33	.2	8	7	274	6.20	4	5	ND	1	22	1	2	2	148 ✓	.43	.144	4	25	.79	29	.24	2	2.85	.01	.04	1	1
8+50E	3	45	6	36	.1	16	142	34695	6.94	3	5	ND	4	19	1	2	2	237	.45	.250	7	44	.55	205	.07	2	4.83	.01	.04	1	1
8+75E	1	5	2	4	.2	1	2	108	2.01	2	5	ND	1	23	1	2	2	59	.29	.025	3	3	.07	12	.09	4	.66	.01	.03	1	1
9+00E	1	7	2	13	.1	2	2	124	3.50	2	5	ND	1	11	1	2	2	98	.29	.034	3	4	.19	14	.21	5	1.28	.01	.03	1	1
9+25E	1	22	8	63	.2	22	6	381	2.20	8	5	ND	2	23	1	2	2	39	.38	.061	7	29	.38	94	.08	2	1.45	.02	.07	1	4
9+50E	1	5	5	7	.2	2	1	170	1.39	2	5	ND	1	19	1	2	2	64	.47	.031	2	4	.14	13	.18	4	1.32	.01	.03	1	1
9+75E	1	15	8	24	.1	5	5	209	2.27	2	5	ND	1	25	1	2	2	92	.43	.074	4	13	.49	26	.25	3	2.14	.01	.04	1	1
STD C/AU-S	18	61	37	132	7.1	68	28	1051	4.04	41	17	8	38	53	17	17	22	58	.50	.088	38	58	.88	178	.08	36	1.87	.07	.13	13	50

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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 CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-6 SOIL P7-ROCK AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: NOV 2 1987 DATE REPORT MAILED: Nov 19/87 ASSAYER. D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

LACANA MINING PROJECT-6101 File # 87-5374 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
4+50N 12+75E	1	12	3	19	.3	2	3	161	4.79	2	5	ND	7	21	2	2	2	161	.21	.080	3	6	.40	17	.25	3	1.69	.01	.02	1	1
4+50N 13+00E	1	9	8	11	.1	2	2	80	1.14	2	5	ND	2	23	1	2	2	61	.24	.032	4	16	.22	28	.11	2	1.44	.01	.04	1	1
4+50N 13+25E	1	51	2	89	.3	22	11	996	3.63	3	5	ND	3	34	1	2	2	66	1.20	.004	7	38	1.23	101	.07	4	3.73	.01	.04	2	2
4+50N 13+50E	1	15	4	12	.2	2	3	114	2.76	3	5	ND	1	27	1	2	2	115	.42	.071	3	9	.21	25	.12	3	1.59	.01	.03	1	1
4+50N 13+75E	1	10	3	3	.1	2	2	38	.77	2	5	ND	1	26	1	2	2	52	.21	.018	4	5	.07	32	.06	2	1.07	.01	.02	1	1
4+50N 14+00E	1	4	2	4	.1	1	1	41	.60	2	5	ND	1	17	1	2	2	50	.14	.016	2	2	.15	11	.04	2	1.20	.01	.03	1	1
4+50N 14+25E	1	11	7	4	.3	1	1	46	.56	3	5	ND	1	22	1	4	2	38	.22	.032	4	3	.07	18	.05	2	1.12	.01	.04	1	1
4+50N 14+50E	1	17	3	25	.2	2	3	130	3.03	3	5	ND	1	19	1	2	2	156	.52	.042	3	5	.38	31	.11	2	2.09	.01	.04	1	1
4+50N 14+75E	1	14	7	8	.2	2	2	51	.82	2	5	ND	1	38	2	2	2	56	.53	.019	3	5	.11	40	.04	2	1.42	.01	.02	2	1
4+50N 15+00E	1	8	3	6	.1	3	3	54	.61	2	5	ND	1	18	1	2	2	33	.43	.031	2	4	.16	22	.04	2	.69	.01	.04	1	1
4+50N 15+25E	1	7	7	4	.1	3	1	56	.37	2	5	ND	1	21	1	3	3	32	.23	.018	3	9	.10	19	.06	3	.39	.01	.03	1	2
4+50N 15+50E	2	43	14	90	.3	18	38	1747	5.44	2	5	ND	1	27	1	2	2	97	.08	.076	7	25	.33	97	.06	2	2.91	.01	.04	1	1
3+00N 10+75E	1	21	8	57	.2	28	6	399	1.77	9	5	ND	1	38	1	2	2	31	.61	.053	6	24	.37	104	.06	2	1.37	.02	.07	1	2
3+00N 11+00E	1	7	2	7	.2	2	2	92	1.00	2	5	ND	1	18	1	2	2	45	.38	.034	2	4	.10	11	.06	5	.70	.01	.04	1	14
3+00N 11+25E	1	4	10	1	.2	1	1	31	.20	2	5	ND	1	20	1	2	2	23	.16	.025	3	3	.04	11	.12	4	.84	.01	.04	1	1
3+00N 11+50E	1	9	4	12	.1	2	2	173	1.86	2	5	ND	1	28	1	2	2	103	.69	.040	2	7	.26	16	.26	2	1.74	.01	.02	1	1
3+00N 11+75E	1	11	6	13	.1	3	3	122	3.55	2	5	ND	1	16	2	2	2	167	.36	.046	3	10	.29	22	.16	2	1.94	.01	.02	1	1
3+00N 12+00E	1	16	7	18	.2	5	3	158	5.31	2	5	ND	1	28	1	2	2	209	.49	.069	3	13	.44	12	.24	2	2.21	.01	.03	1	1
3+00N 12+25E	1	7	7	2	.1	1	2	27	.51	2	5	ND	1	23	1	2	3	28	.27	.035	2	2	.04	25	.04	2	.33	.01	.04	1	2
3+00N 12+50E	1	7	8	5	.2	2	3	52	.70	2	5	ND	1	93	1	3	2	65	.45	.029	2	11	.09	7	.14	2	.53	.01	.02	1	1
3+00N 12+75E	1	4	2	3	.2	1	1	25	.39	3	5	ND	1	29	1	2	2	64	.37	.022	5	3	.08	17	.07	2	1.17	.01	.03	1	1
3+00N 13+00E	1	11	6	16	.1	3	3	127	2.91	3	5	ND	1	26	1	2	2	136	.14	.055	4	11	.43	20	.14	2	1.76	.01	.03	1	2
3+00N 13+10E	1	41	4	21	.4	9	3	109	2.38	3	5	ND	1	14	1	2	2	55	.14	.094	6	22	.35	23	.04	2	3.23	.01	.03	1	1
3+00N 13+25E	1	9	4	5	.2	1	3	42	1.26	2	5	ND	1	37	1	2	2	93	.17	.038	3	5	.12	17	.12	3	1.11	.01	.02	1	1
3+00N 13+50E	1	7	11	8	.1	2	1	104	.33	3	5	ND	1	17	1	2	2	24	.28	.035	2	4	.10	13	.03	3	.70	.01	.05	1	1
3+00N 13+75E	1	12	7	19	.1	4	4	180	2.08	4	5	ND	1	52	1	3	2	131	.73	.054	4	12	.47	29	.24	2	2.74	.01	.03	1	1
3+00N 14+00E	1	5	7	1	.2	1	1	25	.44	4	5	ND	1	15	1	2	2	64	.31	.014	4	3	.05	6	.16	2	.70	.01	.01	1	1
3+00N 14+25E	1	5	9	2	.1	1	1	46	.56	2	5	ND	1	26	1	3	2	46	.22	.023	3	3	.08	13	.05	3	.97	.01	.03	1	2
3+00N 14+50E	1	31	2	11	.4	2	3	82	2.25	3	5	ND	1	20	1	2	2	66	.31	.078	6	8	.13	41	.11	2	2.22	.01	.04	1	1
3+00N 14+75E	1	31	12	23	.2	4	3	323	3.17	4	5	ND	1	24	1	2	2	75	.25	.060	5	13	.29	48	.12	2	1.90	.01	.06	1	1
3+00N 15+00E	1	17	10	12	.1	2	2	181	1.91	4	5	ND	1	22	1	2	2	52	.28	.091	6	10	.13	48	.07	2	2.07	.01	.05	1	1
1+50N 9+00E	1	24	4	29	.2	4	5	239	3.66	2	5	ND	1	18	1	2	2	115	.29	.137	3	13	.43	27	.21	2	2.09	.01	.04	1	1
1+50N 9+25E	1	24	7	15	.2	2	3	134	3.21	4	5	ND	1	33	1	2	2	123	.44	.082	3	4	.18	12	.17	2	1.45	.01	.03	1	1
1+50N 9+50E	1	7	4	4	.1	1	1	31	2.92	2	5	ND	1	9	1	2	2	37	.02	.028	4	4	.05	13	.01	2	.94	.01	.04	1	2
1+50N 9+75E	2	4	5	4	.1	1	2	117	1.61	3	5	ND	1	14	1	2	2	46	.47	.023	3	5	.12	14	.08	2	1.10	.01	.03	1	2
1+50N 10+00E	1	9	2	4	.1	1	1	64	1.40	2	5	ND	1	29	1	2	2	49	.23	.027	4	4	.10	19	.07	2	.18	.01	.04	1	1
STD C/AU-R	18	58	38	134	7.3	68	27	1037	4.04	38	21	7	35	50	17	17	18	57	.50	.096	37	61	.89	181	.08	39	1.93	.06	.13	13	48

Paul Jones

LACANA MINING PROJECT-6101 FILE # 87-4828

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
87-JR-45	1	61	288	20	.7	8	3	331	1.86	2	5	ND	1	62	1	2	2	19	4.01	.003	2	6	.56	4	.01	6	.56	.02	.01	1	1
87-JR-46	1	52	6	39	.3	33	14	1163	2.80	2	5	ND	1	356	1	2	2	37	17.78	.025	7	72	1.56	32	.01	2	1.45	.01	.06	3	1
87-JR-51	5	54	31	39	1.1	32	18	615	4.37	39	5	ND	1	91	1	3	2	25	4.28	.069	2	14	1.46	29	.01	4	1.07	.03	.06	2	25
87-JR-52	2	22	7	42	.1	23	8	1174	4.41	10	5	ND	3	208	1	2	2	41	10.39	.068	6	31	2.70	46	.01	10	1.16	.01	.11	3	1
87-JR-53	3	114	9	43	.5	56	15	768	8.10	28	5	ND	1	100	1	2	2	36	7.98	.019	2	23	1.86	7	.01	2	.74	.01	.01	3	17
87-JR-54	1	5	5	10	.1	14	4	246	1.61	2	5	ND	1	3	1	3	2	19	.11	.010	2	23	.09	14	.01	7	.23	.01	.03	1	1
87-JR-56	9	106	24	161	.5	46	15	730	5.91	89	5	ND	3	15	2	2	2	207	1.12	.074	7	93	1.96	34	.29	13	2.69	.06	.04	1	15
87-JR-57	2	30	9	77	.2	22	4	186	2.25	27	5	ND	2	8	1	2	2	37	.25	.059	5	28	.47	31	.01	12	.69	.02	.04	3	1
87-JR-58	2	47	14	142	.4	34	5	370	3.09	46	5	ND	2	7	1	2	2	45	.26	.038	6	38	.60	62	.01	28	.93	.02	.04	1	4
87-JR-59	1	59	9	49	.1	36	12	1163	3.99	37	5	ND	1	356	1	9	2	46	11.33	.047	8	59	2.44	545	.01	18	.79	.01	.06	2	1
87-JR-60	1	11	12	41	.1	6	5	562	10.38	5	5	ND	2	45	1	2	2	63	.78	.029	5	4	.71	34	.07	18	1.73	.03	.10	5	4
87-JR-62	2	5	6	39	.2	144	25	925	4.40	171	5	ND	2	190	1	2	2	49	7.04	.068	8	170	2.50	113	.01	9	.82	.01	.11	2	1
87-JR-63	1	34	4	37	.1	121	21	933	3.88	153	5	ND	2	220	1	2	2	39	9.74	.065	8	103	2.20	321	.01	6	.70	.01	.14	3	1
87-JR-64	4	46	43	91	.4	14	8	347	4.69	58	5	ND	3	22	1	4	2	28	.46	.202	11	12	.55	101	.01	10	1.41	.03	.12	1	18
87-JR-65	1	69	19	50	.4	11	15	468	4.33	8	5	ND	3	41	1	2	2	155	3.35	.140	9	10	.65	187	.25	15	3.00	.07	.07	1	21
87-JR-66	2	43	8	29	.5	29	14	991	3.42	2	5	ND	1	180	1	2	2	30	13.46	.026	5	43	3.64	32	.01	5	.67	.01	.07	3	3
87-TR-1	1	3	5	58	.3	2	4	1119	2.65	2	5	ND	3	64	1	2	2	9	1.89	.067	15	3	.69	49	.01	9	1.33	.06	.12	1	7
87-TR-2	1	5	5	1	.1	4	1	131	.95	2	5	ND	1	205	1	2	2	20	.84	.003	2	3	.08	7	.01	3	.55	.03	.02	1	1
87-TR-3	2	27	6	77	.2	64	13	1112	4.25	18	5	ND	2	165	1	2	2	37	6.94	.068	8	76	2.08	35	.01	8	.72	.01	.08	1	11
87-TR-4	1	15	8	76	.3	10	14	1100	5.31	5	5	ND	3	135	1	2	2	60	4.36	.093	10	7	1.80	32	.01	3	2.81	.03	.08	2	1
87-TR-5	8	136	23	170	.8	61	20	426	12.32	19	5	ND	5	47	1	2	2	204	1.15	.293	14	120	2.81	15	.01	6	5.11	.04	.04	1	21
87-TR-7	21	40	13	105	.6	69	12	71	3.68	80	5	ND	3	5	1	3	2	45	.13	.070	8	53	.43	66	.01	3	.86	.04	.14	1	9
87-TR-8	66	87	37	259	1.1	161	25	479	7.22	108	5	ND	4	16	2	3	2	157	.55	.166	17	122	1.70	91	.01	7	2.99	.03	.14	2	7
87-TR-10	2	22	4	71	.2	15	14	405	3.89	39	5	ND	2	58	1	2	2	45	1.75	.093	6	11	.87	58	.01	5	.86	.06	.07	1	1
87-TR-13	1	17	16	47	.4	10	7	1009	3.28	89	5	ND	2	357	1	5	2	11	4.66	.033	8	3	.61	90	.01	13	.55	.04	.06	3	8
87-TR-17	3	47	15	76	.4	18	18	1005	6.63	88	5	ND	2	153	1	2	2	38	2.66	.063	4	13	1.48	27	.01	8	2.01	.04	.10	1	32
87-TR-18	1	8	2	7	.1	9	2	176	.72	2	5	ND	1	21	1	2	2	6	1.77	.010	2	10	.16	18	.01	2	.23	.02	.02	1	1
87-TR-19	2	92	12	66	.4	35	14	998	4.16	5	5	ND	2	198	1	2	2	57	7.51	.083	8	52	2.10	36	.01	4	2.08	.01	.10	1	3
87-TR-20	3	60	13	59	.1	18	11	500	4.77	11	5	ND	3	17	1	2	2	83	1.36	.086	8	42	2.16	17	.30	180	2.91	.06	.01	1	5
87-TR-21	1	43	5	43	.4	11	9	885	3.26	9	5	ND	3	46	1	2	2	22	2.32	.119	11	10	1.05	76	.01	12	1.15	.05	.12	3	1
87-TR-23	1	71	10	64	.3	31	10	928	3.19	62	5	ND	2	182	1	17	2	22	7.52	.020	4	14	1.78	36	.01	6	.19	.01	.08	1	16
87-TR-26	1	108	9	32	.4	42	10	1037	2.05	2	5	ND	1	128	1	2	2	33	10.17	.029	4	46	.97	39	.01	7	1.29	.01	.10	2	1
87-TR-26A	2	21	10	42	.5	52	14	942	3.71	19	5	ND	1	198	1	2	2	64	12.73	.036	3	81	1.24	32	.01	12	1.76	.01	.05	3	10
87-TR-27	1	60	2	26	.4	20	8	700	2.18	11	5	ND	1	134	1	3	2	23	5.27	.016	3	15	1.27	60	.01	7	.39	.02	.09	1	7
87-TR-29	1	53	8	74	.3	97	27	694	5.20	6	5	ND	3	127	1	2	2	102	4.74	.056	8	218	4.14	31	.01	14	2.85	.02	.07	2	1
87-TR-30	1	117	6	25	.3	38	12	541	2.53	2	5	ND	1	52	1	2	2	60	4.91	.023	2	56	2.00	8	.17	1152	1.83	.03	.01	2	1

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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 CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Rock Chips AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 14 1987 DATE REPORT MAILED: Oct 19/87 ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

LACANA MINING CORP. PROJECT-6101 File # 87-4827

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
87-JR-5	1	62	5	69	.7	51	15	1075	4.73	62	5	ND	1	248	1	21	2	42	13.18	.044	3	47	2.51	63	.01	6	.41	.01	.18	2	2
87-JR-11	2	37	4	65	.4	69	19	1155	5.05	15	5	ND	1	232	1	10	2	46	14.86	.016	2	29	2.11	119	.01	4	.27	.01	.11	1	1
87-JR-15	1	52	2	40	.4	56	18	1087	4.10	5	5	ND	1	149	1	2	2	72	11.83	.024	4	93	3.43	18	.01	5	.53	.01	.06	2	1
87-JR-18	1	36	5	64	.4	64	19	743	4.51	53	5	ND	1	189	1	2	2	34	7.58	.089	6	35	1.97	21	.01	10	.45	.01	.11	1	2
87-JR-26	1	23	5	46	.2	183	25	741	2.94	209	5	ND	2	159	1	4	2	34	5.22	.055	6	64	1.95	36	.01	9	.47	.02	.07	1	1
87-JR-33	1	29	5	69	.4	13	12	819	4.25	6	5	ND	4	14	1	14	2	62	.40	.076	15	15	1.07	39	.01	3	1.39	.06	.06	1	1
87-JR-36	2	8	3	32	.2	12	2	253	1.18	9	5	ND	1	4	1	6	2	11	.11	.021	2	10	.09	13	.01	2	.18	.01	.02	1	1
87-JR-40	1	22	5	66	.1	8	4	332	2.43	13	5	ND	1	3	1	9	2	10	.05	.018	8	6	.04	42	.01	3	.19	.01	.06	1	1
87-JR-47	1	444	13	104	.7	37	12	403	11.44	2	5	ND	3	139	1	2	2	109	4.43	.028	2	205	2.61	40	.01	2	5.18	.02	.05	1	19
87-JR-48	1	51	10	78	.2	45	13	389	5.31	2	5	ND	2	136	1	2	2	42	6.22	.032	3	92	1.80	90	.01	4	3.14	.02	.16	1	1
87-JR-49	2	58	6	42	.2	37	21	836	3.75	10	5	ND	1	286	1	2	2	40	13.36	.035	5	59	2.54	44	.01	6	.79	.01	.08	1	1
87-JR-50	3	85	6	56	.5	36	17	956	4.12	22	5	ND	1	424	1	7	2	40	14.11	.031	5	43	3.89	34	.01	4	.32	.01	.06	1	1
87-JR-55	1	95	3	76	.2	25	19	886	4.83	18	5	ND	3	8	1	9	2	82	.29	.072	10	20	.10	18	.01	4	.70	.02	.01	1	1
87-JR-61	1	5	2	79	.2	3	10	680	5.73	2	5	ND	4	67	1	2	2	30	3.01	.169	16	2	.78	743	.01	7	.47	.04	.14	1	1
87-TR-6	2	26	7	62	.3	110	15	1228	6.08	10	5	ND	2	469	1	2	2	46	16.17	.025	4	32	3.51	31	.01	2	.89	.01	.03	1	1
87-TR-9	1	12	9	143	.2	40	18	253	6.94	4	5	ND	1	36	1	2	2	63	1.51	.129	8	86	1.54	91	.01	7	3.08	.04	.27	1	1
87-TR-11	4	33	36	46	.7	15	13	148	3.83	87	5	ND	2	35	1	18	2	10	.70	.072	5	3	.35	66	.01	7	.81	.07	.08	2	21
87-TR-12	2	17	7	32	.3	8	5	510	2.23	24	5	ND	3	315	1	4	2	6	3.04	.028	8	2	.48	83	.01	7	.44	.05	.08	1	4
87-TR-14	3	45	31	51	1.5	12	15	298	14.17	136	5	ND	2	48	1	26	2	48	1.00	.078	3	10	.88	12	.01	5	1.38	.09	.07	3	28
87-TR-15	3	39	12	71	.4	10	8	1813	4.63	27	5	ND	1	339	1	2	2	28	10.19	.051	9	8	1.57	90	.01	3	.85	.02	.08	1	1
87-TR-16	4	26	9	56	.3	13	15	930	4.61	222	5	ND	2	198	1	10	2	18	4.91	.060	4	2	1.38	50	.01	7	.34	.04	.11	1	6
87-TR-22	2	75	11	78	.5	46	13	1528	4.24	64	5	ND	1	350	1	22	2	26	13.36	.021	5	16	3.51	27	.01	9	.23	.01	.06	1	2
87-TR-24	1	72	21	30	.3	32	14	975	2.45	18	5	ND	1	370	1	2	2	28	9.28	.046	3	35	1.01	103	.01	5	.94	.01	.14	1	1
87-TR-25	3	15	8	17	.4	10	5	1405	2.96	33	5	ND	1	391	1	4	2	43	19.36	.023	4	20	.52	43	.01	5	.56	.01	.02	1	8
87-TR-28	1	26	3	32	.2	35	11	468	2.55	26	5	ND	2	133	1	7	2	26	4.75	.025	3	23	1.30	49	.01	7	.35	.02	.15	1	1
STD C/AU-R	18	57	40	132	7.1	67	27	1030	3.84	41	23	7	37	49	18	17	21	56	.48	.085	37	57	.85	177	.08	32	1.79	.08	.12	12	486

LACANA MINING PROJECT-6101 FILE # 87-4828

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
87-TS-1	1	46	9	49	.2	22	16	1236	7.45	5	5	ND	2	30	1	2	3	174	.54	.059	3	83	1.08	45	.18	3	2.88	.03	.03	1	1

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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 CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-2 ROCK P3-SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 14 1987 DATE REPORT MAILED: Oct 20/87 ASSAYER. D.Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

LACANA MINING PROJECT-6101 File # 87-4828 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-JR-1	1	84	7	45	.1	37	15	790	3.65	2	5	ND	1	77	1	2	2	73	8.97	.069	7	58	1.87	28	.10	6	2.37	.03	.17	2	1
87-JR-2	1	33	6	21	.1	70	12	374	2.37	2	5	ND	1	97	1	2	2	65	2.98	.016	2	101	1.44	8	.12	9	2.91	.03	.01	2	1
87-JR-3	1	6	5	2	.1	5	1	123	.50	2	5	ND	1	12	1	2	2	7	.14	.005	2	6	.08	4	.01	2	.19	.01	.01	1	1
87-JR-4	1	37	5	77	.2	11	12	334	3.87	4	5	ND	2	90	1	2	2	102	2.63	.172	4	10	1.11	21	.17	5	1.71	.06	.06	2	1
87-JR-6	1	76	4	43	.1	58	17	932	4.58	45	5	ND	1	246	1	11	2	41	11.02	.046	3	50	3.48	56	.01	7	.34	.01	.13	2	2
87-JR-7	2	69	6	78	.4	58	16	1126	5.09	24	5	ND	1	301	1	6	2	51	12.80	.034	2	36	4.23	22	.01	7	.24	.01	.10	1	1
87-JR-8	1	6	4	43	.2	81	21	907	3.86	5	5	ND	1	124	1	2	2	33	9.74	.027	2	65	2.51	32	.01	7	.31	.01	.11	2	1
87-JR-9	1	52	7	47	.2	62	12	635	7.17	68	5	ND	1	175	1	7	2	52	5.45	.025	3	41	2.22	550	.01	8	.21	.01	.08	2	2
87-JR-10	1	92	5	53	.2	62	24	806	3.90	23	5	ND	1	110	1	4	2	36	7.63	.026	2	36	2.77	92	.01	8	.74	.01	.17	3	1
87-JR-12	1	22	8	58	.1	28	9	551	2.84	2	5	ND	1	59	1	2	2	33	1.28	.038	7	36	1.42	22	.19	7	1.78	.07	.01	1	1
87-JR-13	1	79	3	8	.2	30	5	714	1.59	2	5	ND	1	143	1	2	2	46	19.13	.002	2	39	.72	13	.02	4	.75	.01	.05	1	1
87-JR-14	1	54	6	61	.1	15	20	615	4.59	2	5	ND	2	88	1	2	2	92	1.24	.090	5	12	2.41	19	.43	3	2.72	.05	.02	1	25
87-JR-16	1	26	6	92	.1	92	24	757	6.49	2	5	ND	2	42	1	2	2	72	3.09	.100	8	95	2.36	31	.01	3	3.69	.03	.10	1	1
87-JR-17	3	126	6	63	.2	73	22	1125	5.62	3	5	ND	1	165	1	2	2	44	7.46	.080	5	42	1.76	43	.01	3	1.75	.02	.10	1	1
87-JR-19	1	27	6	26	.1	20	8	481	2.04	2	5	ND	1	33	1	2	2	70	3.28	.029	2	31	1.05	9	.16	12	2.61	.03	.01	2	1
87-JR-20	1	24	4	34	.1	7	10	450	2.91	2	5	ND	1	472	1	2	2	111	2.51	.053	2	9	1.06	7	.25	13	2.45	.04	.01	1	1
87-JR-21	1	46	28	59	.3	13	15	395	5.86	13	5	ND	2	79	1	2	2	59	1.72	.349	13	12	1.37	16	.28	16	2.45	.05	.22	3	1
87-JR-22	1	35	3	34	.2	13	9	512	2.72	2	5	ND	1	44	1	2	2	66	2.49	.060	3	29	1.19	22	.16	5	1.89	.04	.02	2	1
87-JR-23	4	89	35	83	.4	22	16	599	6.67	33	5	ND	3	36	1	2	2	89	1.64	.157	9	29	2.10	27	.35	11	3.48	.05	.11	1	1
87-JR-24	1	15	5	75	.1	3	8	697	4.32	3	5	ND	4	79	1	3	2	26	2.79	.175	22	1	.95	219	.01	9	1.01	.04	.25	1	4
87-JR-25	2	135	27	96	.5	43	19	199	7.10	91	5	ND	3	11	1	4	2	74	.46	.161	8	18	.84	87	.01	4	2.05	.02	.09	1	28
87-JR-27	2	38	11	58	.3	69	10	619	3.53	35	5	ND	1	259	1	2	2	52	8.82	.048	8	79	2.05	29	.01	4	1.93	.01	.03	1	2
87-JR-28	1	22	9	58	.2	86	11	749	3.25	54	5	ND	1	344	1	2	2	61	12.50	.048	5	79	2.97	12	.01	3	2.53	.01	.01	1	1
87-JR-29	1	8	4	8	.1	5	2	408	1.27	3	5	ND	1	514	1	2	2	41	.96	.013	2	5	.21	7	.04	76	.81	.03	.01	1	1
87-JR-30	1	25	12	39	.1	12	4	284	2.84	18	5	ND	1	30	1	5	2	22	.26	.014	4	10	.25	37	.01	8	.48	.02	.05	2	1
87-JR-31	1	14	2	11	.1	6	2	327	1.47	5	5	ND	1	19	1	7	2	12	.08	.011	2	6	.10	16	.01	5	.27	.01	.03	1	1
87-JR-32	1	14	2	33	.1	16	5	248	2.52	19	5	ND	1	3	1	3	2	18	.06	.024	3	7	.10	38	.01	4	.31	.01	.05	1	2
87-JR-34	1	16	2	38	.5	8	7	1096	2.68	5	5	ND	2	6	1	3	2	32	.16	.046	16	10	.71	35	.01	6	1.01	.03	.08	2	1
87-JR-35	1	27	6	23	.1	18	4	217	1.53	25	5	ND	1	2	1	10	2	16	.05	.024	4	9	.02	20	.01	5	.13	.01	.04	1	1
87-JR-37	1	61	5	27	.1	12	9	432	3.08	31	5	ND	1	6	1	7	2	22	.19	.096	8	7	.06	60	.01	7	.44	.01	.16	3	2
87-JR-38	1	6	2	11	.1	7	4	346	1.02	2	5	ND	1	4	1	2	2	16	.30	.019	2	11	.41	7	.03	5	.52	.02	.01	2	1
87-JR-39	1	48	8	54	.1	31	14	589	3.41	49	5	ND	1	5	1	13	2	36	.12	.043	15	18	.37	51	.01	4	.74	.02	.05	2	5
87-JR-41	1	10	2	15	.1	7	2	190	1.50	5	5	ND	1	2	1	2	2	17	.06	.012	2	9	.31	32	.01	6	.52	.02	.04	1	1
87-JR-42	1	48	3	39	.2	19	8	462	3.04	2	5	ND	2	14	1	2	2	99	3.13	.036	4	48	1.45	150	.21	9	3.33	.04	.01	2	1
87-JR-43	1	41	4	38	.2	87	18	809	2.52	2	5	ND	2	192	1	2	2	47	13.60	.081	9	92	1.06	30	.01	4	1.61	.01	.06	1	2
87-JR-44	2	99	14	72	.2	5	11	777	3.96	2	5	ND	2	45	1	2	2	38	2.82	.051	8	7	1.22	63	.01	6	2.33	.07	.11	2	2
STD C/AU-R	18	57	36	132	7.0	68	27	1025	3.94	40	17	7	38	50	18	18	19	55	.49	.086	37	58	.87	177	.08	33	1.84	.08	.14	11	510

APPENDIX B : GEOPHYSICAL DATA

Lau luale:
23.4 Hz

1+50 S 18

		-8	
-5			
-5	1	-9	-4
-5	-3	-9	-1
[illegible]	-5	-10	7
-9	2	-7	10
-6	4	-5	8
[illegible]	2	-2	3
-4	-2	-2	0
-5	-3	-2	0
-7	3	-2	2 >
-5	4	-2	2
[illegible]	0	0	-3
-1	-3	-2	0
-5	1	-3	9 >
[illegible]	7	1	8
[illegible]	9 >	3	-4
[illegible]	9	3	-10
[illegible]	5	-3	0
[illegible]	1	-1	5 >
[illegible]	-2	1	-1
[illegible]	-1	0	2
2	-1	-1	10 >
[illegible]	3	-4	4
[illegible]	1	5	-2
[illegible]	0	2	8
[illegible]	-5	5	10 >
[illegible]	-4	10	-2
[illegible]	2	7	-5
	2 >	6	-3
[illegible]	-6	6	-5
-2	-7	4	-1
-3	-7	3	5
-4	-6	6	3
-8	1	6	0
-5	1	6	-1
-6	0	6	-1
-6	1	5	-4
-5	-4	6	-8
-6	-8	1	-3
-9	-2	2	-1
-10	5		-4
[illegible]	4	0	-2
	3	[illegible]	-2
	-2	-2	0
[illegible]	-8		7
-10	0	2	5
-9	9	3	1
[illegible]	7	2	4
[illegible]	1	4	3
-4		5	
-5		4	

17E, 16E

3+00 S

-5	
-9	-2
-9	-2
-9	-1
-10	0
-9	-1
-10	-3
-10	-2
-12	10
-10	20 >
-2	11
0	0
-1	0
-1	2 >
[illegible]	-1
[illegible]	-8
[illegible]	-10
-6	-7
-6	-7
[illegible]	-3
-10	2
[illegible]	-1
-9	-3
-10	-1
[illegible]	0
-10	0
-10	-1
[illegible]	-1
[illegible]	-1
[illegible]	-3
[illegible]	-3
-12	-2
-13	0
[illegible]	0
[illegible]	-2
[illegible]	0
-13	0
-13	-3
-14	-1
-15	6
-13	6
-10	
-12	

1+50 N

15E

10	
10	0
10	-1
10	-1
9	1
10	1
[illegible]	0
10	0
10	-2
10	-1
9	1
11	1
8	5
[illegible]	-3
12	-6
9	1
9	1
9	4
10	5
12	2
12	1
12	2
13	-1
13	
11	

3+00 N

[illegible]	8
13	-1
12	-10
[illegible]	-4
[illegible]	6
[illegible]	6
[illegible]	-1
10	-4
10	-3
[illegible]	1
[illegible]	5
10	2
12	-1
9	3
12	5
12	2
12	
12	

4+50 N

5	
2	2
5	1
4	1
4	6
3	4
[illegible]	0
[illegible]	2
[illegible]	1
[illegible]	-1

Bordeaux

3+00S

-2, 2, 3, 1, -1, -6, 0, 14, 18>, 10, 1, -1, 0>, -1, -4, -9, -10, -3, 1, -4, -6, 0, 4, 0, -2, 3, 3, -1, -1, -2, -2, 2, 0, -4, -4, -6, -6, -7, 7, 8

1+50S

1, -5, -3, 3, 3, 0, -3, -2, 2, 2, -1, 0, 3, 4, 7, 15>, 11, -5, -10, -3, 1, 2, 4>, -2, -6, -3, 2>, 2, -8, -10, -2, 0, -3, -2, 1, 0, 0, 3, -1, -4, -1, -4, -5, 1, 2, 0, 4, 4

B

-3, -3, 4, 7, 6, 6, 4, 3, 3, -4, -8, 4, 16>, 9, -7, -10, 3, 7>, -1, 0, 4, 3, 3, 9, 8, -3, -4, -3, -7, -3, 5, 6, 0, -2, 0, -5, -7, -3, -1, 3>, 3, -1, -1, 1, 5, 5, 0, -1

1+50N

-5, -1, 2, 3, 5, -2, -7, -5, -1, 2, 0, 0, 2, 3, 2, 3, 6, 4, -1, 2, 4, -6

3+00N

1, -10, 2, 8, -1, -2, -4, -6, 3, 9, 2, -4, -1, 2, 2

4+50N

1, -1, 4, 10, 5, -1, -3, -2, 7

STATEMENT OF COSTS

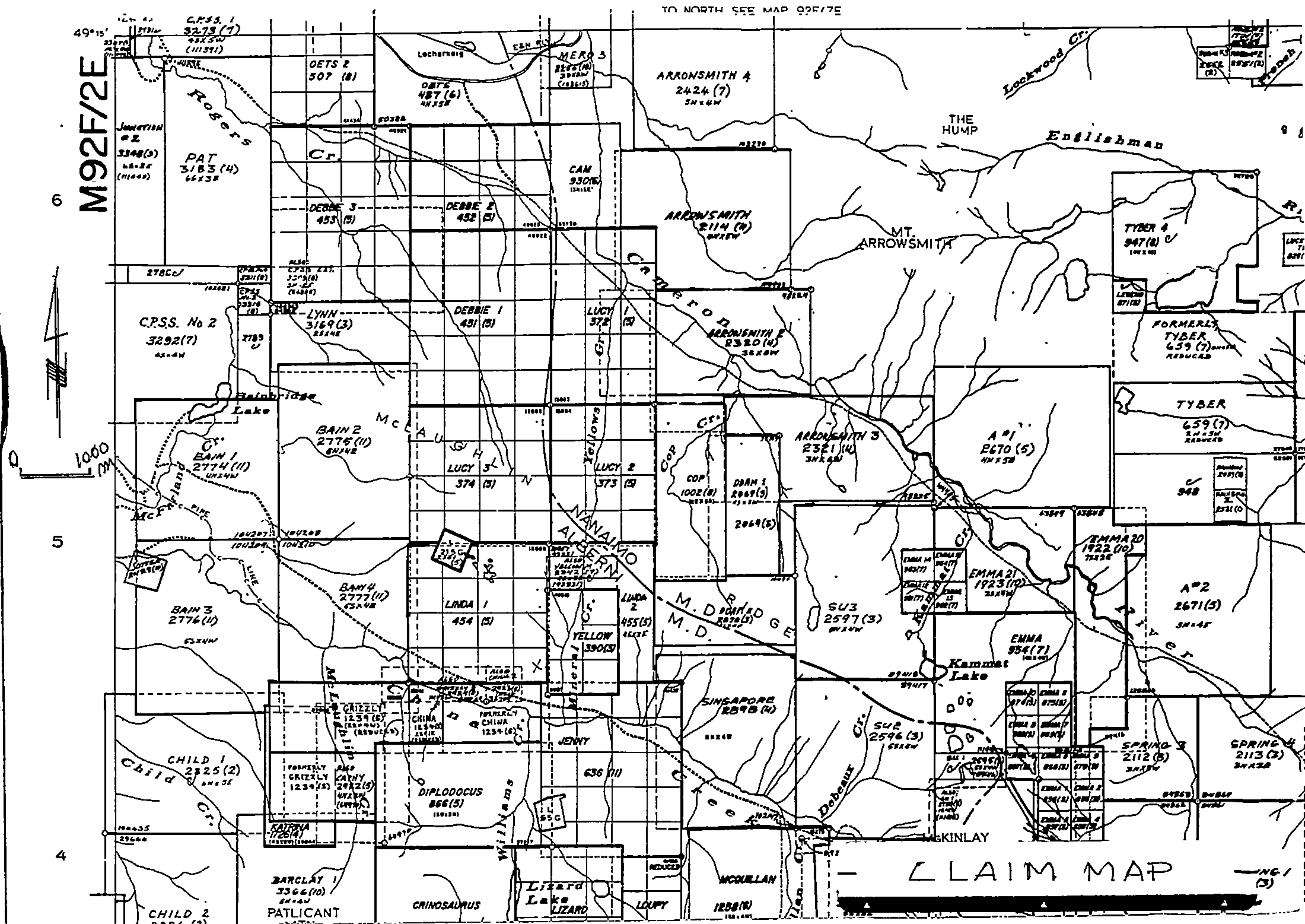
BASE LINE		
2 man days @ $100/day	200.00	
2 man days @ $70/day	140.00	
Truck - 2 days @ $40/day	80.00	
Equipment	20.00	
Food & Accomodations 4 days @ $40/day/man	160.00	$600.00
TRENCHING		
2 man days @ $100/day	200.00	
Truck - 1 days @ $40/day	40.00	
Equipment	20.00	
Food & Accomodations 2 days @ $40/day/man	80.00	340.00
GEOLOGICAL		
19 man days @ $100/day	1,900.00	
2 man days @ $70/day	140.00	
Truck - 10 days @ $40/day	400.00	
Food & Accomodations 21 days @ $40/day/man	840.00	
Travel Costs	100.00	
Report Compilation	250.00	3,630.00
GEOPHYSICAL		
2 man days @ $100/day	200.00	
Equipment Rental	40.00	
Truck - 2 days @ $40/day	80.00	
Food & Accomodations 2 days @ $40/day/man	80.00	400.00
GEOCHEMICAL		
4 man days @ $100/day	400.00	
6 man days @ $70/day	420.00	
Truck - 5 days @ $40/day	200.00	
Equipment	140.00	
Food & Accomodations 10 days @$40/day/man	400.00	
Assays - 305 samples	4,015.00	
Shipping	50.00	5,625.00
	TOTAL	$10,595.00

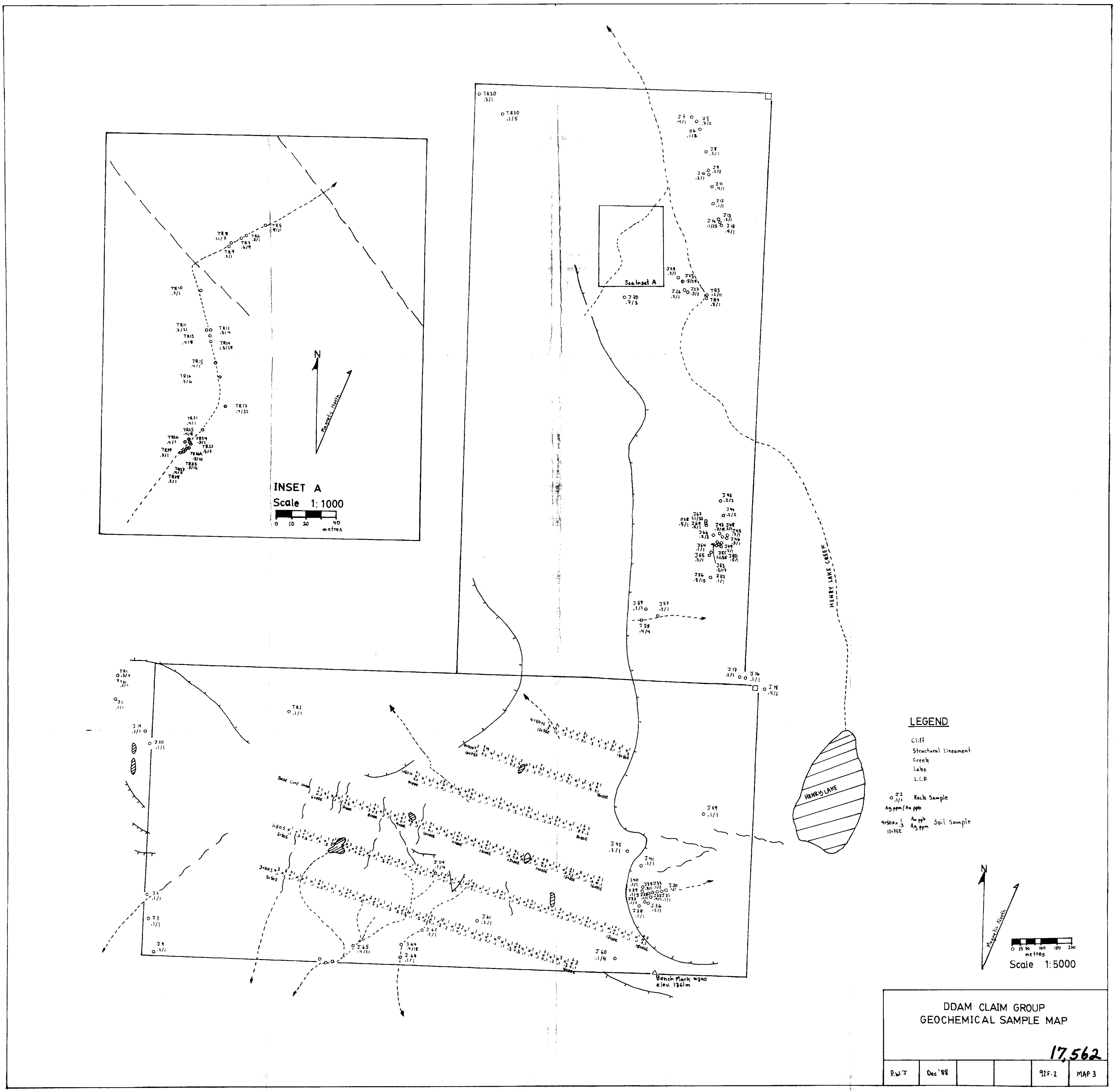
STATEMENT OF QUALIFICATIONS

I, PAUL WILLIAM JONES, of P.O. Box 6564, Station "C', Victoria, British Columbia, do hereby certify that:

I have worked in the mineral exploration industry for nine years. The last two full time. The work was carried out under the supervision of the Lacana Mining Corporation's District Manager, Darrel Johnson. This report is based on personally working on the DDAM claim group in September, October and November of 1987.

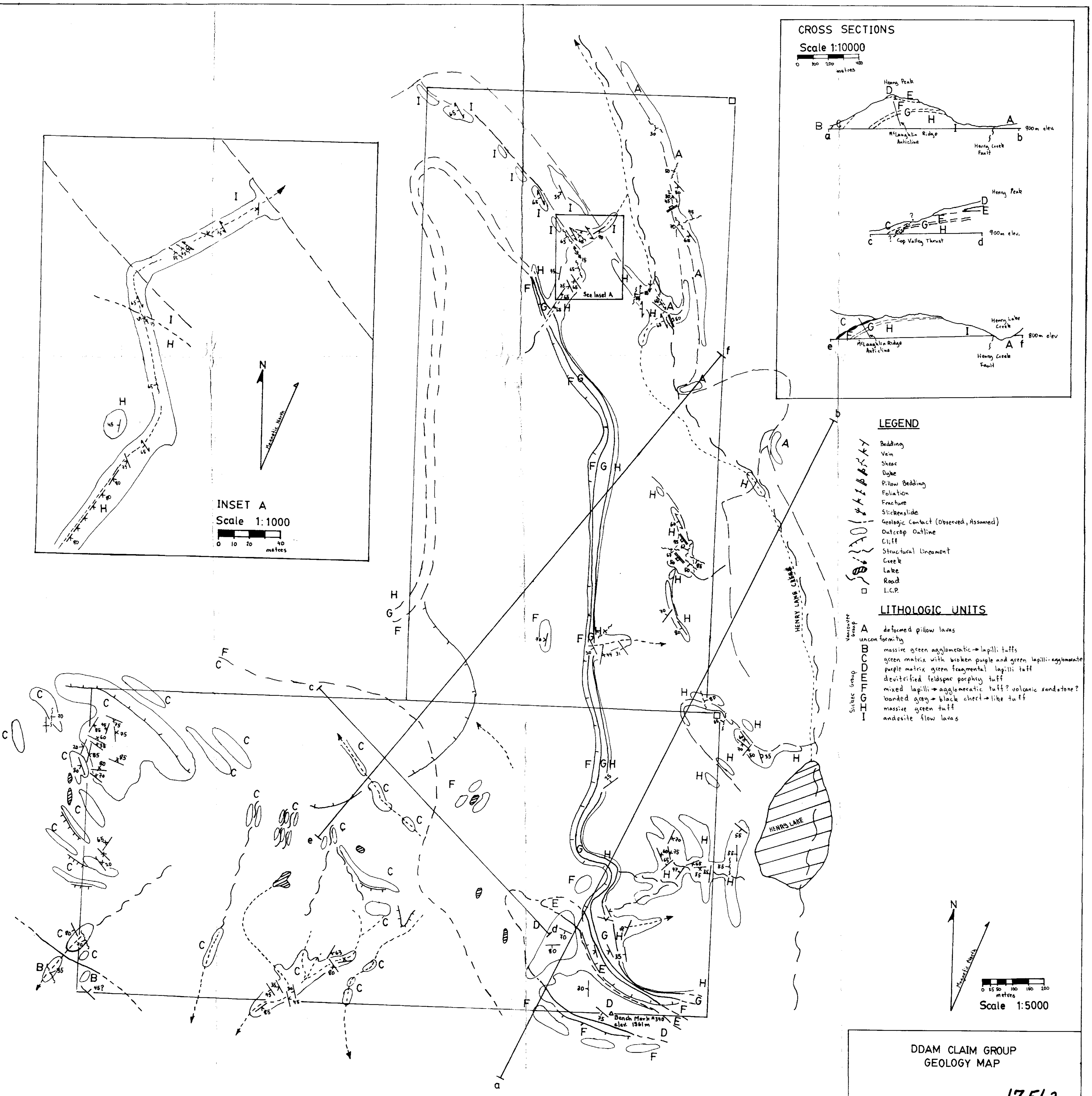
Paul William Jones
March 1988


M92F/2E
TO NORTH SEE MAP 92F/7E
CLAIM MAP
49°15'
THE HUMP
MT. ARROWSMITH
Englishman River
Lockwood Cr.
Rogers Cr.
Cameron
McLaughlin Cr.
Yellows Cr.
Cop Cr.
Bainbridge Lake
McFarland Cr.
Kammat Lake
Lizard Lake
Child Cr.
Dobeaux Cr.
Mineral Cr.
Williams Cr.
Locharkaig
E&N RLY
NANAIMO ALBERNI M.D.
PIPE LINE
MCKINLAY
PATLICANT
1000 m
PAT 3183 (4)
C.P.S.S. No 2 3292(7)
C.P.S.S. 1 3273 (7)
JUNCTION #2 3348(3)
OETS 2 507 (8)
OETS 487 (6)
MERC 3
ARROWSMITH 4 2424 (7)
ARROWSMITH 2114 (4)
ARROWSMITH 2 2320 (4)
ARROWSMITH 3 2321 (4)
CAM 930(6)
DEBBE 3 453 (5)
DEBBE 2 452 (5)
DEBBIE 1 451 (5)
LYNN 3169 (3)
LUCY 1 372 (5)
LUCY 2 373 (5)
LUCY 3 374 (5)
LINDA 1 454 (5)
LINDA 2 455(5)
YELLOW 390(3)
BAIN 1 2774 (11)
BAIN 2 2775 (11)
BAIN 3 2776 (11)
BAIN 4 2777 (11)
COP 1002(8)
TYBER 4 947(8)
FORMERLY TYBER 659 (7) REDUCED
TYBER 659(7)
A #1 2670 (5)
A #2 2671(5)
EMMA 20 1922 (10)
EMMA 21 1923 (10)
EMMA 934 (7)
SU3 2597 (3)
SU2 2596 (3)
SINGAPORE 2898 (4)
SPRING 3 2112 (3)
SPRING 4 2113 (3)
CHILD 1 2325 (2)
CHILD 2
GRIZZLY 1239 (5)
CHINA 1234 (6)
DIPLODOCUS 866(5)
JENNY
636 (11)
KATRINA 1726(4)
BARCLAY 1 3366 (10)
CRINOSAURUS
LOUPY
LIZARD
MCQUILLAN 1288(6)


INSET A
Scale 1: 1000
metres
Magnetic North
N
See Inset A
HENRY LAKE CREEK
HENRY LAKE
LEGEND
Cliff
Structural Lineament
Creek
Lake
L.C.P.
Rock Sample
Ag ppm / Au ppb
Soil Sample
Base Line
Bench Mark #240
elev. 1361m
Scale 1: 5000
DDAM CLAIM GROUP
GEOCHEMICAL SAMPLE MAP
17,562
P.W.T
Dec '88
92F-2
MAP 3

SICKER AU GRUBSTAKE

PREPARED	DATE	SCALE	PROJECT	MAP SHEET	FIGURE
P.W.J.	NOV '87	1:5,000	DDAM CLAIM	92-F/2	Map 1.



DDAM CLAIM GROUP
GEOLOGY MAP

17,562

P.W.J	Dec '88			92F-2	MAP 2