GEOLOGICAL & DRILLING REPORT

AND

WORK SUMMARY

JUNE 1 TO SEPTEMBER 30, 1987

ON THE

GULF INTERNATIONAL MINERALS LTD.

MCLYMONT CREEK PROPERTY

ISKUT RIVER AREA

NORTHWESTERN BRITISH COLUMBIA

LIARD MINING DIVISION

56-49' N, 130-55' W
N.T.S. 104B/15W

BY

EDWARD W. GROVE, Ph.D., P.Eng

VICTORIA, B.C. OCTOBER 20, 19

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E. W. Grove Consultants Ltd.

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GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,932

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VICTORIA, B.C. OCTOBER 20, 1987

E. W. Grove Consultants Ltd.

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SUMMARY

Gulf International Minerals Ltd. McLymont Creek property lies north of the Iskut River at the head of McLymont Creek immediately south of Newmont Lake. Access was by helicopter from the nearby airstrips at Johnny Mountain and Bronson Creek. Supplies and personnel were ferried to both strips from Terrace, B.C. and Wrangell, Alaska.

The McLYMONT claim group comprising 80 units was staked in 1986 by Gulf International Minerals Ltd. in order to evaluate a number of promising stream and soil geochemistry anomalies outlined by previous surveys. In 1986 Gulf drilled three short core holes near the center of the claim group which intersected good gold values in a quartz-ankerite vein localized within part of an extensive quartz rich granite pluton. The results of the season's work were such that a large program was mounted in early 1987.

In 1987 exploration work on the McLymont Creek property by Gulf International Minerals Ltd. concentrated on the central parts of the claim group involving geochemical surveys, geological mapping, trenching and core drilling which involved considerable road building and site preparation. As the season progressed and snow melted this saturation approach extended to the northeast and later the northwest on McLYMONT 3 where core drilling continues at the time of writing.

Work completed between June 1, 1987 and September 30, 1987 included 3.7 kilometers of road, excavation of 13 drill pad sites, 31 trenches, 16.3 kilometers cut line for grids, 2184.5 meters core drilling, 461 core samples for assay, 726 soil samples, 55 stream samples, 85 geology rock samples and geological mapping of about 100 square kilometers, as well as constructing and maintaining a temporary exploration camp and facilities.

Evaluation of the 1987 exploration results to date shows the presence of at least two main geological sequences both of which host significant to high grade gold mineralization. Large parts of the claim group as well as large areas outside the claims are underlain by a porphyritic quartz rich, leucocratic granite pluton. The local country rocks on the claims are partly pendants within the pluton and partly extensions of more extensive country rock sequences found to the south and northwest. These include a variety of sedimentary and some volcanic rocks of mainly Mississippian age. Rock structures which are relatively simple have been variously deformed and faulted.

Mineralization in the granite porphyry includes a large number of gold-silver bearing en echelon, northwest trending quartz sulfide, and ankerite rich veins. The ankerite veins are particularly ubiquitous and have been outlined over most of the claim group. The quartz rich sulfide veins localized in the porphyry along fractures and dike contacts have been drilled on the McLYMONT 1 and 4 claims with good results. DDH-87-5 which intersected 1.6 m at 0.23 opt Au, DDH-87-6, 1.8 m at 0.205 opt Au, DDH-87-7, 0.9 m at 0.198 opt Au, and DDH-87-10, 2.7 m at 1.28 opt Au, were drilled on McLYMONT 1, southeast of camp on parallel quartz-sulfide veins first tested by surface sampling. Drill holes 86-1 to 3 reported in 1986 also intersected good gold values in a quartz-sulfide vein. Geology sampling and some trenching have also shown the presence of good gold values in both quartz-pyrite, and ankerite veins on the McLYMONT 4 claim. Good gold values were also returned from massive sulfide showings localized in altered sediments located east of camp on the McLYMONT 4 claim. These veins and showings remain to be explored.

Core drilling on the McLYMONT 3 has outlined a number of stratabound pyrite-chalcopyrite-magnetite-barite zones which from results on hole DDH-87-25 indicate the potential for a major gold bearing deposit. Results from assays currently show one intersection of 3.9 meters averaging 0.82 opt Au from one of several zones cut by this hole. Hole DDH-87-29 located south of 87-25 intersected a similar number of mineralized zones with exceptional results giving 7.720 opt Au over 1.9 meters as well as 1.23 opt Au over 1.5 meters and several other good intersections. Mapping and core drilling in this area show a thick sequence of gently dipping Mississippian sediments including crinoidal marble enclosing several massive sulfide zones, all of which are cut by numerous ankerite veins. Results from this core drilling are still incomplete and drilling was still continuing at the time of writing.

Considerable work remains to be done in order to evaluate the grade and tonnage potential of the several types and occurences of gold/silver mineralization currently known on the McLYMONT claim group. Further work on this property is warranted.

INTRODUCTION

Gulf International Minerals Ltd.'s McLymont Creek property located in the new and developing Iskut River Gold District was staked and partly explored in 1986 with good results. Three core drill holes totalling 301 feet (91.7 meters) were drilled to intersect a northwest trending quartz-sulfide vein located near the center of the property. The results gave values averaging 0.164 opt Au across 1.25 meters over a length of about 22 meters to a depth of about 25 meters. The vein which comprises several closely spaced sub-parallel units was trenched and sampled over a total length of about 400 meters giving results ranging from 0.456 opt Au to 1.690 opt Au with accompanying silver values. Mapping at the time showed the existence of other sub-parallel quartz veins as well as similar veins in other parts of the claim group. Review of soil and stream geochemistry surveys from earlier years also showed that further work on the property was warranted.

In early June 1987 Gulf International Minerals Ltd. mounted a saturation type exploration program on the McLymont Creek property starting with the preparation of a camp comprising several tent frames for personnel and a cookhouse/dry. These were sufficient for the dry, warm spring and summer that ensued but with the arrival of the September monsoon and expansion of the drill program the camp had to be upgraded and two new weather tight shacks added.

Field work on the property entailed extensive line cutting and soil sampling on three grid areas, geological mapping, rock and stream sampling, and building 3.7 kilometers of road in order to access and prepare drill sites. In order to speed up the drilling program Falcon Drilling Ltd. of Prince George was contracted to provide a drill and two crews for round the clock operation. During 1987 Gulf drilled six holes totalling 350.3 meters of AQ size core, and Falcon completed 21 BQ size holes totalling 1834.2 meters for a total of 2184.5 meters of core drilling from June 1 to September 30, 1987. Gulf was responsible for suppling all materials, fuel, board and accommodation, and excavating and preparing 13 drill sites. Personnel, camp supplies and fuel were ferried to the McLymont Creek property by helicopter from the nearby Mount Johnny and Bronson Creek airstrips. The drilling program was still in full operation at the time of report writing. Because of the large number of samples submitted to both the Skyline assay laboratory and to Vancouver laboratories many of the sample results are still incomplete. This will require further updating in a later final report.

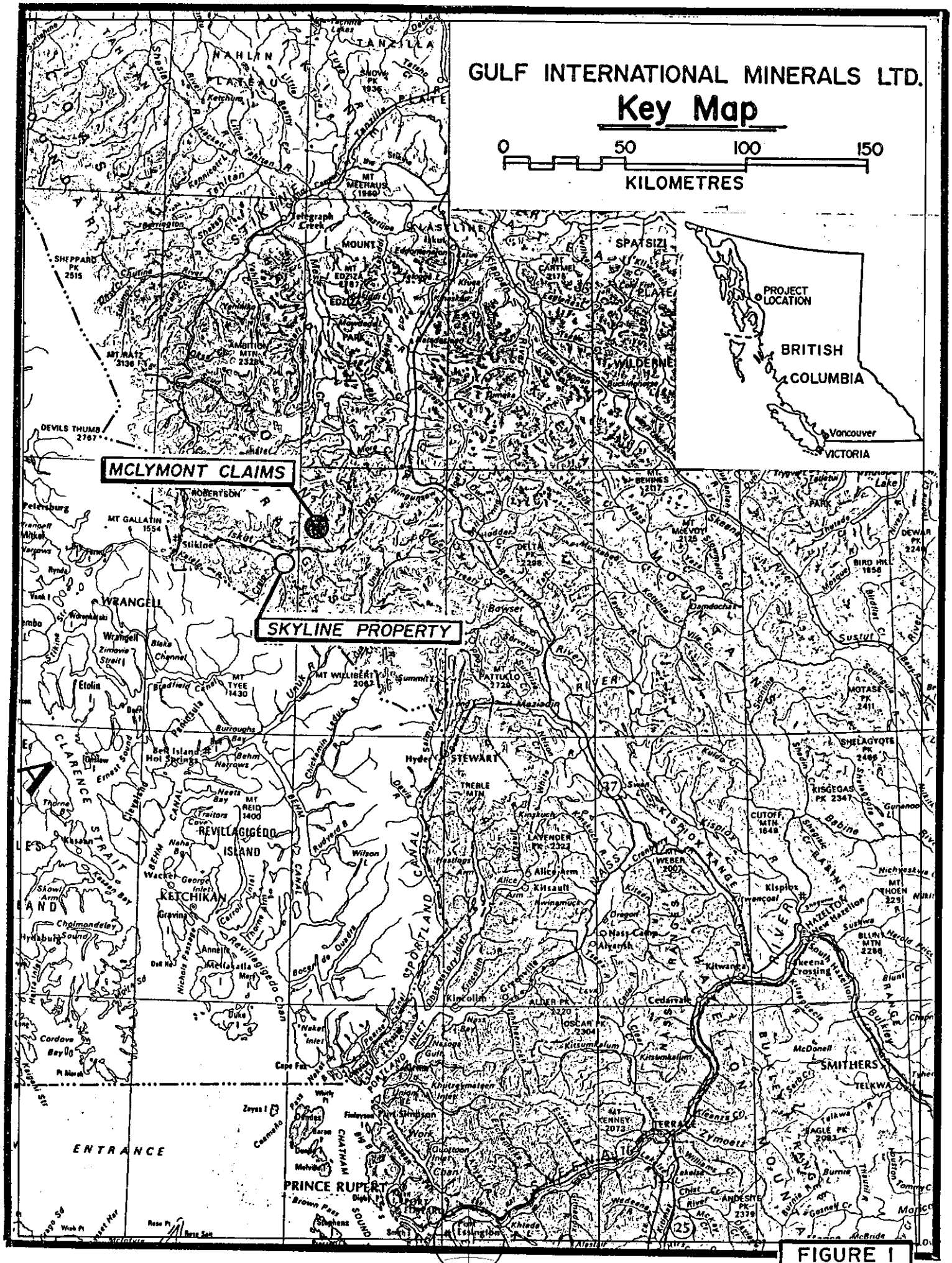

GULF INTERNATIONAL MINERALS LTD.
Key Map
0
50
100
150
KILOMETRES
PROJECT LOCATION
BRITISH COLUMBIA
Vancouver
VICTORIA
MCLYMONT CLAIMS
SKYLINE PROPERTY
WRANGELL
STEWART
KETCHIKAN
PRINCE RUPERT
SMITHERS
TERRACE
REVILLAGIGEDO ISLAND
CLARENCE STRAIT
ENTRANCE

FIGURE 1

The writer has had considerable experience in the general area and worked on the McLymont Creek property a total of 18 days to September 30, 1987 mapping, core logging, sampling and supervising the overall program.

This report summarizes work on the property to September 30, 1987 and makes recommendations for future work beyond the ongoing 1987 exploration program.

LOCATION, ACCESS & TOPOGRAPHY

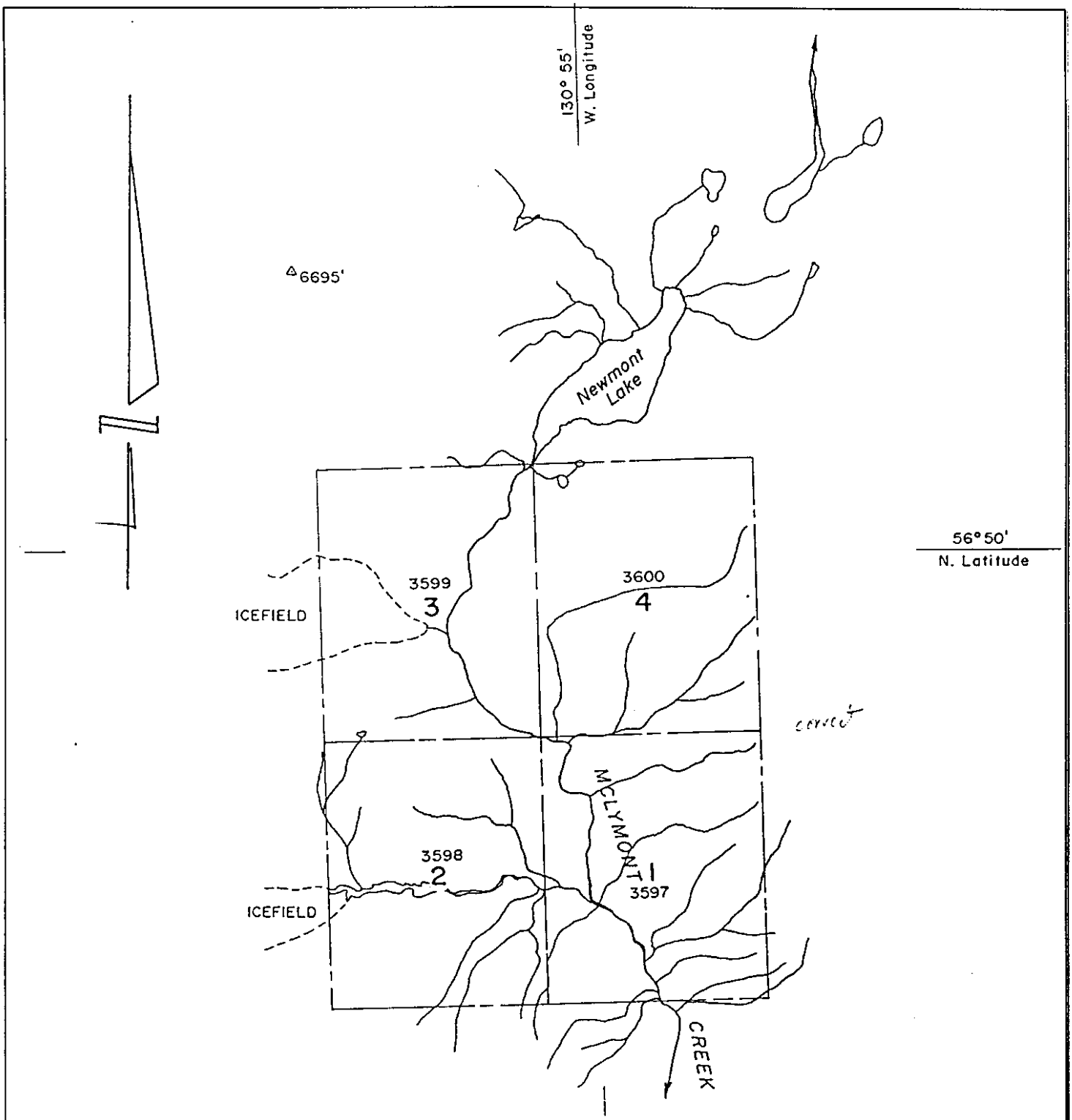
The McLymont group of staked mineral claims lies north of the Iskut River at the head of McLymont Creek which drains nearby Newmont Lake and flows south into the Iskut River (Figure 1). The claims are located within the Liard Mining Division at about 56°49' N, and 130°55' W on map N.T.S. 104B/15W.

Access to the McLymont property during 1987 was entirely by helicopter from either the main airstrip at Mount Johnny or the secondary strip at Bronson Creek, a distance of about 20 kilometers. Personnel and supplies were airlifted to the main airstrip from Wrangell, Alaska, about 100 kilometers to the west-southwest, and from Terrace, B.C., about 270 kilometers to the southeast. Transportation on the property including early drill moves was provided by a John Deere 450D tractor, a Honda 4-Trac A.T.V., and by helicopter. All of the drill moves, fuel supplies and crew changes for the Falcon drill were made by helicopter.

The McLymont Creek property lies across a generally subdued, relatively low lying area within part of the Northern Boundary Ranges. Elevations on the claims range from about 545 meters on McLymont Creek to over 1370 meters to the east and northwest. Areas along the west side of the claim group and along the main creek have been deglaciated only recently to expose bare rock or thin glaciofluvial materials with a young vegetation cover. Other slopes below tree line are covered by a dense scrub comprising mostly mountain hemlock, devils' club, alder and poplar, with scattered areas of water saturated moss and heather. During 1987 virtually all of the snow melted from the property exposing new outcrop areas to view. Because of the relatively sparse vegetation on the claims heavy rain and melting snow drain rapidly into McLymont Creek.

PROPERTY

The Gulf International Minerals Ltd. 100% owned McLymont Creek claim group includes four contiguous claims comprising 80 units in the Liard Mining Division (Figure 2).



0 1000 2000 3000
METRES

GULF INTERNATIONAL MINERALS LTD.

MCLYMONT CLAIMS 1-4
LIARD MINING DIVISION
Ref. N.T.S. 104 B/15

Property Location Map

E. W. GROVE CONSULTANTS LTD.

OCTOBER, 1987 | FIGURE 2

The claim boundaries have been located by air photograph on recent 1:50000 scale topographic maps.

Claim Name	Record No.	Units	Expiry Date
MCLYMONT 1	3597	20	July 23, 1988
McLYMONT 2	3598	20	July 23, 1988
McLYMONT 3	3599	20	July 23, 1988
McLYMONT 4	3600	20	July 23, 1988
		80	

HISTORY

There are few published records suggesting any mineral exploration/prospecting north of the Iskut River along McLymont Creek and Newmont Lake prior to the early 1960's when Newmont Mining Corp. of Can. Ltd. explored the area near Newmont Lake. In 1980 Dupont Canada Explorations Ltd. staked the Warrior claim group south of Newmont Lake and in 1981 conducted various ground surveys. In 1983 Skyline Explorations Ltd. and Placer Developments Ltd. optioned the Warrior group and carried out further exploration on the property. The claims were allowed to expire in 1986 and were restaked by Gulf International Minerals Ltd. In 1986 Gulf explored parts of the property and drilled three core holes on one of the surface veins with good results which showed the presence of significant gold and silver values. A major exploration program proposed for the claim group was initiated in June 1987.

GEOLOGY

REGIONAL

Published regional geological maps of the general area are of relatively little value (GSC Map 9-1957). Work by Newmont in the 1960's (1962, 1973) first showed the presence of a thick Mississippian (and older) stratigraphic sequence in the Newmont Lake area. More recent work by Dupont (1981, 1982) and Placer (1983) and Gulf (1986) and this report have shown the widespread nature of this Paleozoic sequence as well as that of a younger quartz rich intrusive pluton. The main Paleozoic sequence extends south to the Iskut River where it has been faulted and deformed along the Iskut River Structural Zone and also left as minor structural remnants overlying Mesozoic strata south of the Iskkut River (Grove, 1987). The quartz rich granite pluton which underlies and has intruded the Paleozoic sequence has been traced from about the center of the McLymont Creek property west along the small glaciers and to the east and northeast of Newmont Lake where extensive areas are floored by the intrusive.

Major faults marked by long northeasterly and northwesterly trending lineaments criss-cross the general area controlling drainage. Reverse faults and low angle thrusts are relatively common within the sedimentary sequence but have not yet been integrated into a comprehensive structural picture.

LOCAL

Sedimentary and Volcanic Rocks

Field mapping on the McLymont property during 1987 concentrated on detailed (1:500 scale) mapping of the Northwest, Main and Northeast Grid areas shown here as Figure 3 at 1:5000 scale.

Although previous reports (see General Geology) indicated that the local basal sequence comprised massive crinoidal Mississippian marble which was in turn overlain by a volcanic/sedimentary sequence of Triassic (or older?) age faulting is such that the reverse could be more likely. However for this report sequence shown in the legend of Figure 3 will be observed.

The oldest identifiable rocks on the McLymont property are located in the Northwest Grid area where a several hundred meter thick succession of relatively flat lying, finely banded, indurated siltstone, chert, sandstone, marble, and minor conglomerate have been intruded by the widespread underlying granite. Primary structures show that the sediments, although gently warped, are generally upright. Induration which has resulted in general hornfelsing and scattered fine garnet porphyroblasts is typical. The thin marble bands are rarely seen at the surface but have been penetrated by the drilling (Holes 87-15 to 30, see drill logs, Appendix V) and show a distinctive Mississippian clastic crinoidal aspect. This sequence which has a thickness of about 200 meters grades upwards into a very thick, cliff forming, flat lying polymictic conglomerate in which huge masses of coarse crinoidal Mississippian marble are enclosed cum Cow-head breccia. This sequence extends north and east of Newmont Lake where thick deformed chert-marble (Mississippian) sequences have been intruded and skarnified by the ubiquitous quartz porphyry.

Strata in the Northwest Grid area are separated from the central Main Grid by the intrusive quartz rich porphyritic granite. Rocks in the central grid area also show induration and hornfelsing related to the intrusive. These are mainly finely banded altered siltstone, sandstone, and minor conglomerate marked by fine color banding and generally appear to be flat lying overall but locally warped. Most of this

sequence is slightly to moderately pyritic and has weathered to produce irregular gossan especially along faults. These strata appear to be overlain to the north by unit 4, a thinly bedded, purple weathering mixed volcaniclastic/sediment which in turn is overlain by a lens of crinoidal marble (Miss.) along McLymont Creek. Further detailed mapping is required to fill in the gaps in order to correlate the stratigraphy.

Mapping in the Northeast Grid area in 1987 concentrated along exposures in the small creeks because of dense cover. The strata appear to be extensions of the flat lying central area but are represented by more dark siltstone, graphitic partings and in general are less indurated. These rocks have been cut by narrow dikes of the quartz rich granite and are also generally very rusty. To the east and northeast, the granite dominates and encloses scattered pendants of pyritic siltstone.

On the basis of the 1987 detailed mapping a new stratigraphic sequence for the area is emerging. That is, a succession of thin bedded, clastic marine sediments which grades through a platform sequence marked by shallow water volcanic flows and sediments, and clastic crinoidal debris, mixed sandstone, chert, and limestone into very thick polymictic conglomerate. Rather than Mississippian and Triassic (or older) as shown on Figure 3 the succession could be Mississippian (and older).

Intrusive Rocks

Much of the McLymont claim group as well as areas beyond are underlain by a coarse grained, quartz rich pink granite which in certain areas could be termed a quartz syenite because of the lack of plagioclase. Generally this intrusive is massive, lacks mafic minerals, contains 30 to 40 per cent quartz, has a high K feldspar content and occasionally contains magnetite. It underlies and has intruded the local country rock strata on a batholithic scale and as narrow dikes along pervasive northeasterly trending faults. The age of the intrusive has been termed Tertiary for some obscure reason, more likely it belongs to the extensive group of syenitic plutons of Middle Jurassic age which extend from Granduc north to the Iskut River at Mount Johnny (Grove, 1986).

In the central grid area (Figure 3) where numerous quartz-pyrite veins have been tested drill core shows that in general the quartz rich granite has been enriched in K feldspar along the veins. Outwards this pink alteration zone is bordered by a dark biotitic zone which grades rapidly into the normal leucocratic intrusive.

In addition to the auriferous quartz-pyrite veins the granite has been cut by hundreds of en echelon ankerite vein swarms. Again, these are generally oriented northwesterly and northeasterly like the quartz-pyrite veins, and can be traced through the granite into the overlying country rock sediments.

STRUCTURE

Primary features in the country rocks suggest that much of the local sequence forms irregular open warps. Strata along McLymont Creek are generally steep probably because of faulting rather than tight folding as proposed in older reports. Overall faulting of various ages has affected most of the rock units with northwest and northeast structures dominant. These major directions also appear to control the localization of gold mineralization in the quartz rich granite. Controls for mineralization in the stratabound mineral zones in the Northwest Grid area are not as yet apparent.

GEOCHEMISTRY

SOIL AND SILT

In 1987 three areas were selected in which to sample soils prior to core drilling. These are the Northwest, Main, and Northeast grid areas. The grid lines and sample gold results are shown here as Figure 4. The laboratory analytical results are attached as Appendix I and the significant gold results attached as Appendix II. Soil sample depths 15-25 cm

Soils in the claim area comprise a number of materials ranging from simple scree on the high upper slopes to well developed soils in the older forested areas. In all cases samples were taken below the organic horizon. In the case of the Main Grid area soil samples were taken below a grey/white volcanic ash layer that underlies the humus. Silt samples were also taken from the local streams (Figure 5, Appendix III).

All samples were air dried and shipped to Acme Laboratories in Vancouver where the material was prepared and the -60 to +80 mesh size fraction was subjected to standard ICP analysis (Appendix I). Significant gold values were extracted and in combination with other surface data used to determine drill hole locations. A total of 726 soil samples and 55 stream samples were dried, shipped, and analysed during the early stages of the 1987 season.

ROCK SAMPLING

Mineralized rock samples taken during the course of

geology, soil and stream silt sampling were partly prepared on the property utilizing a rented Chipmunk-type jaw crusher. The crushed, split samples were then flown to the Skyline Explorations Ltd. assay laboratory at Mount Johnny where the materials were analysed for gold and silver (at commercial rates) by/or under the supervision of a registered British Columbia assayer. The locations of these samples have been plotted with the stream sediment sample locations on Figure 5. The results have been inserted here with the stream sediment results as Appendix III.

Review of these results indicates that future exploration should include detailed work in the upper part of the Northeast Grid area east of camp on the McLYMONT 4 claim.

TRENCHING

During the field season to September 30, 1987 a total of 31 trenches were blasted into mineralized veins and rock in the Main Grid area (Figure 6). The samples were treated in the same manner as the geology rock samples and also assayed at the Skyline Mount Johnny laboratory. Location of the trenches is shown on Figure 6 and the results and descriptions of the 55 samples are listed in Appendix IV.

The trenching involved use of a gas powered plugger, steel, and explosives. Transportation to the work sites was mainly by Honda A.T.V. utilizing the road network built by the John Deere 450D tractor. Trench sampling was mainly confined to cross-cutting surface vein exposures located by geology, or geochemical techniques. The results of this trenching combined with geology and geochemistry determined the location of drill sites in the Main Grid area.

CORE DRILLING

Diamond core drilling was initiated on the Gulf McLymont Creek property in 1986. Three short AQ core holes totalling 91.6 meters were drilled to intersect a vein outlined on the surface on the McLYMONT 1 claim near the center of the claim group. Results were good giving an average of 0.164 opt Au across 1.3 meters over a length of about 22 meters to a depth of about 25 meters.

In 1987 a road network was established to give access to the central portion of the claims and allow testing of the southeast extension of the drilled vein. Location of the new 1987 core holes is shown in Figure 7. Holes 87-4 through 87-11 were drilled to test this vein system and as indicated by the results listed in Appendix V showed the continuity of this vein

zone. Future work here should include further core drilling to test gold mineralization at depth.

Core holes 87-12, 13, and 14 were drilled on the Main Grid west to intersect vein mineralization previously traced by surface mapping and tested by rock sampling and trenching. Hole 87-12 intersected the vein which assayed 0.13 opt Au over 0.61 meters (Appendix V).

Drill holes 86-1 to 3, and 87-4 to 14 were drilled entirely in porphyritic granite or through shallow indurated sedimentary rock which has been intruded by the granite.

Holes 87-4 to 87-9 were drilled by Gulf International Minerals Ltd. personnel utilizing a well worn Hydracore AQ rig on skids. This was moved from site to site by means of the 450D tractor which also built the roads and set ups. Holes 87-10 through 87-30 were contracted to Falcon Drilling Ltd. of Prince George.

Core holes 87-15 through 87-30 were drilled in the Northwest Grid area utilizing helicopter lifts, supply and crew changes. All site preparation was by Gulf International Minerals personnel. Targets in this area were picked on the basis of surface ankerite veining and anomalous soil geochemistry gold values. Results from the detailed core logging (Appendix V) indicate a number of stratabound pyritic rich barite magnetite zones within a chert/sandstone/marble sequence about 200 meters thick. First assay results from Hole 87-25 show a value of 0.82 opt Au over a thickness of 3.97 meters with more results to come. DDH-87-15 located lower down the section intersected 2.74 meters of pyritic material which assayed 0.42 opt Au. This area has been drilled in some detail and will require further work in future. Hole 87-29 located south of 87-25 intersected a similar number of mineralized zones with exceptional results giving 7.720 opt Au over 1.9 meters as well as 1.23 opt Au over 1.5 meters and several other good intersections.

The 1987 drill program on the McLYMONT property involved two different drills, ground and air transport and to the end of September totalled 2184.5 meters of core, and 461 core samples. The core has been stored in suitable racks at the main camp site near the center of the property on the McLYMONT 1 claim.

OTHER PHYSICAL WORK

Exploration on the claims during 1987 also involved drilling and blasting 31 trenches with plugger and explosives.

These averaged 1.2 meters wide, 8 meters long and 2 meters deep. Drill setups for every site also required drilling and blasing to provide a flat pad about 5 x 5 meters an average of 1 meter deep. Helicopter pads were also provided for the camp area and the drill set ups. In order to service the trenching, drilling and other exploration work a John Deere 450D tractor was utilized to build 3.7 kilometers of road that averages 8 meters in width.

MINERALIZATION

Gulf International Minerals Ltd.'s work on the McLymont Creek claims has shown the presence of several different types of mineralization of which three have now been tested by core drilling.

Quartz-pyrite-chalcopyrite veins in granite have been localized along northwest trending fractures in dominantly quartz rich intrusive rock. Mineralization is generally simple, the veins are lenticular and traceable as sub-parallel swarms over lengths of up to about 500 meters. Several examples of native gold have been observed in core from the veins on McLYMONT 1. The distribution of this vein type, although not defined in detail, appears to be concentrated in the central property area.

Ankerite rich quartz-pyrite veins with occasional chalcopyrite form a second vein type. These are essentially ubiquitous throughout the northern two thirds of the claim group and are late replacement veins formed along northwesterly, northerly and northeasterly fractures in both country rock and intrusive granite. Selected pyrite samples from several of these veins have given good gold assays in the Main Grid area. These veins are abundant in the Northwest Grid area but core sample results have been low in gold to date.

Barite-pyrite-magnetite-chalcopyrite mineralization has been intersected in a number of the drill holes in the Northwest Grid area with good to high gold assay results. Drilling results for that area are still incomplete but suggest the mineralization is stratabound occurring mainly as extensive layers or lenses within chert or at chert/marble contacts. Some marble units have also been replaced by extensive barite or barite/pyrite breccia. The large number of intersections, the thickness of the mineral zones, and the good gold assays make this the most attractive target to date for future exploration.

A number of outcrops of what appears to be massive pyrite (+ sphalerite) have also been located and tested in the

Northeast Grid area along the creeks. This mineralization is localized within intensely altered pyritized graphitic siltstone. Rock samples show the presence of significant gold. Trenching and core drilling is recommended for these zones after detailed mapping.

The 1987 field exploration program at the McLymont Creek property has been successful in that extensive gold bearing mineralization of several types with considerable potential has been located and confirmed.

CONCLUSION AND RECOMMENDATION

Work by Gulf International Minerals Ltd. during 1987 has shown the potential for gold mineralization in Paleozoic and younger sedimentary and granitic rocks at McLymont Creek north of the Iskut River. These significant discoveries have enlarged the Iskut River Gold District and provide another dimension for mineral exploration in the general area. The most interesting result of this program was the new discovery of the high grade gold bearing barite-pyrite-magnetite zones localized within the Mississippian chert-sandstone-marble sequence. Previous work in the general area by Newmont indicated that this type of mineralization was extensive but barren of gold.

It is recommended that future work on the mineral claims continue exploration of the known mineralization along strike and to depth in order to test grade and potential tonnage. Detailed mapping should be continued along with expansion of the soil geochemistry grids, detailed V.L.F.-E.M. and magnetometer surveys, followed up by trenching, sampling and prospect core drilling where indicated.

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G.S.C. Map 9-1957.

ITEMIZED PROJECT COST STATEMENT JUNE 1 - SEPT 30, 1987

			#	RATE	AMOUNT	SUB-TOTALS
FIELD WAGES	HALICKI, D. Cat Operator	JUN 15 - JUL 23	17	100.00	1700.00	
			15	150.00	2250.00	
		JUL 24 - SEP 30	76	150.00	11400.00	
	DUGUID, S. Geologist	JUN 18 - JUL 23	13	100.00	1300.00	
			13	125.00	1625.00	
		JUL 24 - SEP 15	46	125.00	5750.00	
	FODCHUK, C. Labourer	JUN 14 - JUL 23	30	100.00	3000.00	
		JUL 24 - SEP 15	40	100.00	4000.00	
	WURTAK, J. Driller	JUN 16 - JUL 23	25	150.00	3750.00	
		JUL 24 - AUG 15	21	150.00	3150.00	
	HANNAM, D. Cook	JUN 16 - JUL 23	15	100.00	1500.00	
			12	110.00	1320.00	
		JUL 24 - SEP 22	61	110.00	6710.00	
	SUTTLE, M. Labourer	JUN 1 - JUL 23	39	100.00	3900.00	
		JUL 24 - SEP 30	56	100.00	5600.00	
	KIKAUKA, A. Geologist	JUN 1 - JUL 23	42	175.00	7350.00	
		JUL 24 - SEP 30	71	175.00	12425.00	
	ALBERT, J. Labourer	SEP 22-30	9	100.00	900.00	
	ROBINSON, G. Cook	SEP 16-30	13	100.00	1300.00	
	Total man-days	(239 TO JUL 23)	614			78930.00
FIELD CONSULT.	E.W. GROVE CONSULTANTS	FIELD MGR	18	500.00	9000.00	
		TRAVEL TO/FROM	2	417.60	835.20	9835.20
FOOD AND ACCOMMOD-ATION	CITY MARKET INC.				13105.64	
	DEAKIN EQUIPMENT LTD.				287.35	
	A. KIKAUKA MISC CAMP EXPENSES				147.73	
	INN OF THE WEST				322.04	
	J & F DISTRIBUTORS INC.				651.97	
	OVERWAITEA FOODS				7021.15	
	TERRACE BUILDERS CENTRE LTD.				382.50	
	TERRACE COOP				7643.67	
	TWIN CITY MEATS				1295.02	
	BLACKS EXPEDITING & NORTHERN EXPEDITING				6167.88	
	GOUGHS ELECTRIC				932.80	
	INDEPENDENT INDUSTRIAL SUPPLY				848.82	
	NORMAN DAY				3175.00	
	OTTENSENS				936.38	
	NORTHERN DRUGS				64.92	42982.87
MOB/ DEMOB	TRANSPROVINCIAL AIRLINES	PASSENGERS	10	151.00	1538.40	
	CENTRAL MOUNTAIN AIR	PASSENGERS	3	150.00	445.00	
	MCDONALD TRAVEL	PASSENGERS	6	190.00	1137.20	
	KIKAUKA, JUNE 3-5				125.65	3246.25
TRANS-PORT	TRANSPROVINCIAL AIRLINES	FREIGHT			10874.42	
	RICHMOND HONDA, 1 4-TRACK, 1 ATV				8654.00	
	NORTHERN MOUNTAIN HELICOPTER		160	450.00	72134.02	
	OKANAGAN HELICOPTERS, S-61		.3	2200.00	660.00	
	LINDSAYS CARTAGE	FREIGHT			518.57	
	MOTORWAYS DIRECT	FREIGHT			916.35	
	SMITHERS TRANSPORT LTD.	FREIGHT			471.04	

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ITEMIZED PROJECT COST STATEMENT JUNE 1 - SEPT 30, 1987 Continued

			#	RATE	AMOUNT	SUB-TOTALS
	STERLING TRANSPORT	FREIGHT			1578.74	95807.14
EQUIP & SUPPLIES	COAST TRACTOR	PARTS			1230.30:	
	NORTHWEST CONSOLIDATED	TRACTOR CABLE			575.06	
	RIVQUIP - OVERHAUL BACKHOE				6773.50	
	SURFWOOD SUPPLY & STIHL	CHAINSAWS			2158.50	
	DIAMOND AVIATION	FUEL			351.00	
	JKS BOYLES, AQ DRILL SUPPLIES				7992.48	
	J SAVAGE, CORE BOXES		354		2221.17	
	JK SMIT & SONES DIAMOND P	PARTS			124.39	
	INTERNATIONAL PLASTICS				4851.68	
	LES HALL FETTER SERVICE				302.91	
	MALKIN AND PINTON				1240.78	
	RIVER INDUSTRIES LTD	HARDWARE, PARTS			419.74	
	CENTURY OILS	OIL DRUM			421.14	
	FREEMAN BELL & LONGYEAR CAN. ROD ADAPTER				545.04	
	FRONTIER EQUIPMENT, VOLKS ENGINE & PARTS FOR HYDRA-CO				4765.88	
	DELTA WESTERN	FUEL			3526.32	
	TERRACE EQUIP & SIMP-MAX	PARTS			182.09	
	BC GOVT	AIR PHOTO			87.50	
	NEVILLE CROSBY INC., SAMPLING SUPPLIES				8304.28	46073.76
EQUIP. RENTAL	NELMACO MACHINERY CO LTD	CRUSHER	4 MO	405.00	1659.96	
	TRAEGER DISTRIBUTORS LTD.	SSB RADIO	4 MO	290.00	1447.33	
	SKYLINE - REG - DIESEL GENERATOR		4 MO	600.00	2400.00	5507.29
ASSAYS	ACME ANALYTICAL - ICP	SOIL & SILT	777	6.00	4662.00	
	GEOCHEM AU	SOIL & SILT	776	4.25	3298.00	
	SOIL & SILT SAMPLE	PREPARATION	762	.75	571.50	
	STREAM SED. SAMPLE	PREPARATION	8	.75	6.00	
	ROCK SAMPLE PREP		5	3.00	15.00	
	PULVERIZE SAMPLE		283	1.50	424.50	
	AG & AU FIRE ASSAY	ROCKS	36	11.25	405.00	
	AG ASSAY	ROCKS	28	6.75	189.00	
	MO ASSAY	ROCK	1	6.75	6.75	
	CU, PB, ZN, AG ASSAY	ROCK	18	15.75	283.50	
	MISCELLANEOUS CHARGES			10.00	10.00	
	MIN-EN LABORATORIES - MINERAL COLLECT.				190.00	
	SKYLINE ASSAY LAB AG & AU DR CORE & ROCK		601	11.25	6761.25	16822.50
DRILLING	FALCON DRILLING LTD., AUG 29 - SEP 30		6019	26.75	171154.08	171154.08
REPORTS	E.W. GROVE CONSULTANTS LTD.		6	500.00	3000.00	
	TYPE DRILL LOGS		27	50.00	1350.00	
	TYPE GEOCHEM DATA				250.00	4600.00
MGMT/CONS	KNIGHT'S GROUP				36000.00	36000.00
		TOTAL EXPENDITURES			510959.08	510959.08

McLYMONT GROUP

SUMMARY OF COSTS BY WORK TYPE BY CLAIM YEAR

	JUN 1 - JUL 23	JUL 24 - SEPT 30
PHYSICAL	7247.70	22387.86
DRILLING	40654.67	339239.92
GEOLOGY	8990.97	39357.84
GEOCHEMISTRY	17356.62	35723.50
	========	=========
TOTAL FOR YEAR	74249.96	436709.12

GRAND TOTAL $510,959.08
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PHYSICAL COSTS SUMMARIZED - JUNE 1 TO SEPT 30, 1987

		#	RATE	AMOUNT	PHYSICAL TO JUL 23	PHYSICAL CURRENT
FIELD WAGES						
HALICKI, D. Cat Operator	JUN 15 - JUL 23	17	100.00	1700.00	3950.00	11400.00
		15	150.00	2250.00		
	JUL 24 - SEP 30	76	150.00	11400.00		
PRO-RATA FOOD, ACCOMM, TRANS, FREIGHT FROM SCHEDULE "A"				3197.20	1195.98	2001.22
EQUIPMENT & SUPPLIES						
COAST TRACTOR	PARTS			1230.30	241.17	989.13
NORTHWEST CONSOLIDATED	TRACTOR CABLE			575.06		575.06
RIVQUIP - OVERHAUL BACKHOE				6773.50		6773.50
SURFWOOD SUPPLY & STIHL	CHAINSAWS			2158.50	1760.55	397.95
DIAMOND AVIATION	FUEL			351.00	100.00	251.00
TOTALS				29635.56	7247.70	22387.86

DRILLING COSTS SUMMARIZED - JUNE 1 TO SEPT 30, 1987

		#	RATE	AMOUNT	DRILLING TO JUL 23	DRILLING CURRENT
FIELD WAGES						
FODCHUK, C. Labourer	JUN 14 - JUL 23	30	100.00	3000.00	3000.00	
	JUL 24 - SEP 15	40	100.00	4000.00		4000.00
WURTAK, J. Driller	JUN 16 - JUL 23	25	150.00	3750.00	3750.00	
	JUL 24 - AUG 15	21	150.00	3150.00		3150.00
SUTTLE, M. Labourer	JUN 1 - JUL 23	39	100.00	3900.00	1950.00	
* 1/2 time on drilling	JUL 24 - SEP 30	56	100.00	5600.00		2800.00
ALBERT, J. Labourer	SEP 22-30	9	100.00	900.00		900.00
FOOD, ACCOMM. TRANS PRO-RATED From Schedule "a"				47957.75	17939.58	30018.17
TRANSPORTATION						
TRANSPROVINCIAL AIRLINES FREIGHT - 1/2 OF 10,874.42				5437.21	411.29	5025.92
RICHMOND HONDA, 1 4-TRACK, 1 ATV				8654.00	304.29	4022.71
NORTHERN MOUNTAIN HELICOPTER		160	450.00	72134.02	6874.20	65259.82
OKANAGAN HELICOPTERS, S-61		.3	2200.00	660.00	49.92	610.08
LINDSAYS CARTAGE	FREIGHT			518.57	39.23	479.34
MOTORWAYS DIRECT	FREIGHT			916.35	69.32	847.03
SMITHERS TRANSPORT LTD.	FREIGHT			471.04	35.63	435.41
STERLING TRANSPORT	FREIGHT			1578.74	119.42	1459.32
EQUIPMENT & SUPPLIES						
JKS BOYLES, AQ DRILL SUPPLIES				7992.48	3507.84	4484.64
J SAVAGE, CORE BOXES		354		2221.17	112.60	2108.57
JK SMIT & SONES DIAMOND P	PARTS			124.39		124.39
INTERNATIONAL PLASTICS				4851.68	367.00	4484.68
LES HALL FETTER SERVICE				302.91		302.91
MALKIN AND PINTON				1240.78	93.86	1146.92
RIVER INDUSTRIES LTD	HARDWARE, PARTS			419.74		419.74
CENTURY OILS	OIL DRUM			421.14		421.14
FREEMAN BELL & LONGYEAR CAN. ROD ADAPTER				545.04		545.04
FRONTIER EQUIPMENT, VOLKS ENGINE & PARTS FOR HYDRA-CO				4765.88		4765.88
DELTA WESTERN	FUEL			3526.32	266.74	3259.58
TERRACE EQUIP & SIMP-MAX PARTS				182.09		182.09
EQUIPMENT RENTALS						
NELMACO MACHINERY CO LTD CRUSHER		4 MO	405.00	1659.96	721.13	938.83
SKYLINE - REG - DIESEL GENERATOR		4 MO	600.00	2400.00	1042.62	1357.38
ASSAYS						
SKYLINE ASSAY LAB AG & AU DR CORE & ROCK		461	11.25	5186.25		5186.25
DRILLING CONTRACT						
FALCON DRILLING LTD., AUG 29 - SEP 30		6019	26.75	171154.08		171154.08
REPORT						
TYPE DRILL LOGS		27	50.00	1350.00		1350.00
MANAGEMENT/CONSULTING						
KNIGHT'S GROUP - 50% DRILLING				* 36000.00		18000.00
TOTAL EXPENDITURES BY YEAR					40654.67	339239.92
GRAND TOTAL				379894.59		

GEOLOGY COSTS SUMMARIZED - JUNE 1 TO SEPT 30, 1987

		#	RATE	AMOUNT	GEOLOGY TO JUL 23	GEOLOGY CURRENT
FIELD WAGES						
DUGUID, S. Geologist	JUN 18 - JUL 23	13	100.00	1300.00	433.03	
* 1/3 Time Geology		13	125.00	1625.00	541.00	
	JUL 24 - SEP 15	46	125.00	5750.00		1950.97
SUTTLE, M. Labourer	JUN 1 - JUL 23	39	100.00	3900.00	1950.00	
1/2 time geo	JUL 24 - SEP 30	56	100.00	5600.00		2800.00
KIKAUKA, A. Geologist	JUN 1 - JUL 23	42	175.00	7350.00	3675.00	
1/2 time geo	JUL 24 - SEP 30	71	175.00	12425.00		6212.50
FIELD CONSULTANT - MANAGER						
E.W. GROVE CONSULTANTS	FIELD MGR	18	500.00	9000.00		9000.00
	TRAVEL TO/FROM	2	417.60	835.20		835.20
FOOD, ACCOM & TRAVEL PRO-RATED from Schedule "A"				6394.36	2391.94	4002.42
EQUIPMENT & SUPPLIES						
BC GOVT	AIR PHOTO			87.50		87.50
ASSAYS						
ACME AG & AU FIRE ASSAY	ROCKS	36	11.25	405.00		405.00
AG ASSAY	ROCKS	28	6.75	189.00		189.00
MO ASSAY	ROCK	1	6.75	6.75		6.75
CU, PB, ZN, AG ASSAY	ROCK	18	15.75	283.50		283.50
MISCELLANEOUS CHARGES			10.00	10.00		10.00
SKYLINE ASSAY LAB AG & AU	DR CORE & ROCK	601	11.25	6761.25		1575.00
REPORT						
E.W. GROVE CONSULTANTS LTD.		6	500.00	3000.00		3000.00
MANAGEMENT/CONSULT.						
KNIGHT'S GROUP - 1/4 geology				36000.00		9000.00
TOTAL EXPENDITURES BY YEAR					8990.97	39357.84
GRAND TOTAL				48348.81		

GEOCHEMISTRY COSTS SUMMARIZED - JUNE 1 TO SEPT 30, 1987

		#	RATE	AMOUNT	GEOCHEM TO JUL 23	GEOCHEM CURRENT
FIELD WAGES						
DUGUID, S. Geologist	JUN 18 - JUL 23	13	100.00	1300.00	866.67	
* 2/3 time Geochem		13	125.00	1625.00	1048.07	
	JUL 24 - SEP 15	46	125.00	5750.00		3835.25
KIKAUKA, A. Geologist	JUN 1 - JUL 23	42	175.00	7350.00	3675.00	
* 1/2 time Geochem	JUL 24 - SEP 30	71	175.00	12425.00		6212.50
FOOD, ACCOMM, TRAVEL ETC. Pro-rated per Schedule "A"				6394.36	2391.94	4002.42
TRANSPORT ON PROPERTY						
RICHMOND HONDA, 1 4-TRACK, 1 ATV - 50%				8654.00	2163.50	2163.50
NEVILLE CROSBY INC., SAMPLING SUPPLIES				8304.28	3232.45	5071.83
ASSAYS						
ACME ANALYTICAL - ICP	SOIL & SILT	777	6.00	4662.00	1980.00	2682.00
GEOCHEM AU	SOIL & SILT	776	4.25	3298.00	1402.50	1895.50
SOIL & SILT SAMPLE	PREPARATION	762	.75	571.50	247.50	324.00
STREAM SED. SAMPLE	PREPARATION	8	.75	6.00		6.00
ROCK SAMPLE PREP		5	3.00	15.00		15.00
PULVERIZE SAMPLE		283	1.50	424.50	159.00	265.50
MIN-EN LABORATORIES - MINERAL COLLECT.				190.00	190.00	
REPORT						
TYPE GEOCHEM DATA				250.00		250.00
MANAGEMENT/CONSULTING						
KNIGHT'S GROUP	25% GEOCHEM			36000.00		9000.00
TOTAL EXPENDITURES BY CLAIM YEAR					17356.62	35723.50
GRAND TOTAL				53080.12		

SCHEDUL "A" - FOOD, ACCOMMODATION, & GENERAL COSTS TO BE PRORATED

		#	RATE	AMOUNT	TO JUL 23 1987	CURRENT YR
FIELD WAGES						
HANNAM, D. Cook	JUN 16 - JUL 23	15	100.00	1500.00	2820.00	6710.00
		12	110.00	1320.00		
	JUL 24 - SEP 22	61	110.00	6710.00		
ROBINSON, G. Cook	SEP 16-30	13	100.00	1300.00		1300.00
FOOD & ACCOMMONDATION						
CITY MARKET INC.				13105.64	16731.12	26251.75
DEAKIN EQUIPMENT LTD.				287.35		
A. KIKAUKA MISC CAMP EXPENSES				147.73		
INN OF THE WEST				322.04		
J & F DISTRIBUTORS INC.				651.97		
OVERWAITEA FOODS				7021.15		
TERRACE BUILDERS CENTRE LTD.				382.50		
TERRACE COOP				7643.67		
TWIN CITY MEATS				1295.02		
BLACKS EXPEDITING & NORTHERN EXPEDITING				6167.88		
GOUGHS ELECTRIC				932.80		
INDEPENDENT INDUSTRIAL SUPPLY				848.82		
NORMAN DAY				3175.00		
OTTENSENS				936.38		
NORTHERN DRUGS				64.92		
MOB/DEMOB PERSONNEL						
TRANSPROVINCIAL AIRLINES	PASSENGERS	10	151.00	1538.40	769.20	769.20
CENTRAL MOUNTAIN AIR	PASSENGERS	3	150.00	445.00	222.50	222.50
MCDONALD TRAVEL	PASSENGERS	6	190.00	1137.20	568.60	568.60
KIKAUKA, JUNE 3-5				125.65	62.83	62.83
TRANSPORTATION						
TRANSPROVINCIAL AIRLINES	FREIGHT 1/2 OF 10,874.42			5437.21	2116.44	3320.77
EQUIPMENT RENTAL						
TRAEGER DISTRIBUTORS LTD.	SSB RADIO	4 MO	290.00	1447.33	628.76	818.57
TOTALS				63943.66	23919.44	40024.22

FOOD & ACCOMM. COSTS PRORATED ON BASIS
239 MAN DAYS VS 375 MAN-DAYS

COSTS PRORATED BETWEEN WORK TYPES AS FOLLOWS:

75% DRILLING,	17939.58	30018.17
10% GEOLOGY	2391.94	4002.42
10% GEOCHEM	2391.94	4002.42
5% PHYSICAL	1195.98	2001.22

CERTIFICATE

I, Edward W. Grove, of the Municipality of Central Saanich, do hereby certify that:

1. I am a consulting geologist with an office at 6751 Barbara Drive, Victoria, British Columbia.

2. I am a graduate of the University of British Columbia (1955) with a Master's degree, Honours Geology (M.Sc. Hon. Geol.) and a graduate of McGill University (1973) with a doctorate in Geological Sciences (Ph.D.).

3. I have practiced my profession continuously since graduation while being employed by such companies as the Consolidated Mining and Smelting Co. of Canada Ltd., British Yukon Exploration Ltd., the Quebec Dept. of Natural Resources, and the British Columbia Ministry of Energy, Mines and Petroleum Resources. I have been in corporate consulting practice since January 1981.

4. I am a director of Gulf International Minerals Ltd.

5. I am a member in good standing of the Association of Professional Engineers of the Province of British Columbia.

October 20, 1987

Victoria, B.C.

Edward W. Grove, Ph.D., P.Eng.

A. Kikauka - 1979 B.Sc. Graduate Geologist
Brock University

APPENDIX I

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

GEOCHEMICAL ICP ANALYSIS

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

DATE RECEIVED: AUG 24 1987 DATE REPORT MAILED: Aug 31/87 ASSAYER. D. Toye .DEAN TOYE, CERTIFIED B.C. ASSAYER

GULF INTERNATIONAL File # 87-3556

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
71AK 261	5	48	43	122	.7	7	8	838	5.27	51	5	ND	5	4	1	2	2	36	.06	.080	22	9	.30	45	.06	6	3.05	.03	.05	1	4
71AK 262	9	8	39	66	1.5	2	2	220	6.85	16	5	ND	15	3	1	2	2	25	.03	.036	32	11	.07	18	.27	2	3.28	.05	.06	1	6
71AK 263	9	24	72	80	1.3	2	2	287	9.04	36	5	ND	14	2	1	2	3	28	.02	.042	24	12	.10	17	.16	2	4.03	.04	.05	1	4
71AK 264	8	269	41	169	.4	11	32	4638	11.64	60	5	ND	3	5	1	2	2	59	.11	.073	17	4	.63	150	.01	2	1.86	.02	.06	1	66
71AK 265	11	11	34	66	.7	3	2	323	6.82	18	5	ND	5	3	1	2	2	20	.03	.038	20	8	.05	18	.16	2	2.26	.04	.05	1	1
71AK 266	5	19	22	55	.8	2	1	243	4.39	15	5	ND	6	2	1	2	2	9	.04	.065	21	6	.05	21	.06	2	4.65	.04	.04	1	1
71SD 491	4	9	25	43	.2	2	2	80	3.07	56	5	ND	1	5	1	2	2	90	.03	.026	10	9	.11	59	.03	2	1.79	.01	.04	1	1
71SD 492	4	40	46	117	1.3	3	3	317	6.08	101	5	ND	2	5	1	4	2	40	.07	.057	6	7	.27	39	.01	5	2.23	.03	.05	1	2
71SD 493	6	43	28	71	1.8	2	1	188	6.08	37	5	ND	15	2	1	2	2	22	.02	.051	14	7	.05	19	.08	3	7.50	.04	.04	1	4
71SD 494	11	9	33	50	1.6	1	1	87	5.19	13	5	ND	5	3	1	2	2	51	.01	.029	26	9	.03	12	.31	2	1.54	.02	.03	1	1
71SD 495	8	24	42	1191	1.5	11	2	881	4.98	109	5	ND	2	17	3	2	2	48	.68	.055	21	8	.13	152	.05	3	1.65	.03	.04	1	1
71SD 496	8	34	48	162	.3	7	4	286	7.64	113	5	ND	2	4	1	3	2	258	.04	.045	7	29	.22	39	.04	3	2.09	.01	.04	1	1
71SD 497	7	12	27	82	1.6	2	1	131	8.34	22	5	ND	12	1	1	2	2	23	.01	.042	22	9	.05	13	.16	2	5.27	.03	.04	1	2
71SD 498	11	15	29	53	.6	1	2	149	11.51	11	5	ND	6	3	1	2	2	51	.02	.040	12	10	.10	11	.23	2	1.49	.02	.03	1	2
71SD 499	11	78	30	85	.6	4	7	431	6.79	36	5	ND	3	4	1	2	2	227	.04	.050	7	10	.29	33	.07	5	1.94	.02	.04	1	2
71SD 500	7	35	29	119	.6	7	4	208	5.35	72	5	ND	2	12	1	2	2	110	.14	.046	9	13	.12	74	.03	3	1.44	.02	.05	1	1
71SD 501	10	188	64	162	2.4	9	8	333	8.76	236	5	ND	1	3	1	6	2	169	.01	.092	6	5	.39	32	.02	2	2.07	.01	.04	1	3
71SD 502	39	810	382	2981	11.6	373	107	3299	10.16	3968	5	ND	3	19	31	69	2	85	.87	.158	5	20	.23	162	.01	3	.88	.03	.07	1	43
71SD 503	29	353	138	1771	1.9	343	48	7546	7.06	251	5	ND	3	11	25	12	2	384	.66	.138	22	11	.89	115	.01	3	2.06	.03	.06	1	3
71SD 504	21	313	180	1667	2.2	150	34	1807	6.98	720	5	ND	3	15	11	23	2	197	.39	.080	19	34	.99	164	.03	4	2.04	.04	.07	2	7
71SD 505	17	82	76	384	.8	41	21	1481	5.56	188	5	ND	1	9	2	4	2	288	.18	.063	10	29	1.02	124	.05	2	2.15	.03	.04	1	8
71SD 506	19	303	51	4236	1.6	129	13	1363	3.96	284	5	ND	3	27	63	6	2	353	1.93	.121	27	33	1.30	520	.03	5	2.76	.03	.04	3	2
71SD 507	22	140	163	832	2.3	60	12	556	8.89	161	5	ND	3	3	1	23	2	278	.04	.057	7	47	.32	53	.01	3	2.25	.01	.05	1	2
71SD 511	35	253	23	648	2.2	143	21	5897	2.57	720	5	ND	3	23	10	12	2	29	.86	.198	59	13	.16	289	.02	8	3.18	.03	.04	1	2
71SD 512	8	147	44	127	1.4	8	17	2558	6.47	8171	5	ND	6	2	1	14	2	36	.04	.090	26	13	.16	38	.05	2	5.10	.03	.06	1	6
72SD 509	4	79	33	250	.5	20	14	1017	3.90	215	5	ND	2	20	2	5	2	52	.27	.058	11	9	.41	359	.01	4	.93	.02	.08	2	12
STD C/AU-S	18	57	44	132	7.0	67	27	1028	4.01	41	15	8	36	49	18	17	21	58	.48	.090	38	58	.88	173	.08	36	1.84	.06	.15	12	52

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

GEOCHEMICAL ICP ANALYSIS

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

DATE RECEIVED: AUG 3 1987 DATE REPORT MAILED: Aug 11/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
71AK-151	7	264	192	777	1.2	51	30	2850	9.50	1661	5	ND	3	8	7	3	2	92	.26	.065	16	33	.87	205	.01	2	1.89	.01	.10	1	105
71AK-152	4	581	2582	3271	6.5	22	109	7670	11.48	2650	5	ND	4	9	36	13	2	116	.41	.104	15	19	1.25	162	.03	4	3.94	.02	.06	10	3
71AK-153	2	64	76	107	.7	4	6	354	12.27	280	5	ND	3	4	2	2	2	181	.03	.092	7	15	.26	61	.03	2	2.92	.01	.05	1	2
71AK-154	26	49	167	228	.8	22	6	970	9.89	484	5	ND	7	4	2	2	2	362	.03	.066	23	20	.17	35	.10	4	2.13	.02	.09	1	1
71AK-155	11	29	33	109	.8	4	3	377	6.78	109	5	ND	11	2	1	2	2	28	.03	.052	35	12	.15	19	.16	3	4.26	.06	.08	1	6
71AK-156	8	132	41	113	1.2	7	7	884	6.49	154	5	ND	4	5	1	2	2	65	.05	.061	23	19	.34	37	.07	2	3.00	.03	.08	2	6
71AK-157	9	19	26	95	.1	3	2	435	6.77	22	5	ND	15	2	2	2	3	14	.03	.040	31	12	.08	16	.17	2	5.62	.07	.09	1	2
71AK-158	24	59	24	174	.7	14	5	602	4.37	83	5	ND	4	4	1	2	3	47	.05	.042	18	16	.37	42	.06	2	2.39	.04	.09	1	4
71AK-159	16	286	22	203	.5	21	27	3355	9.80	243	5	ND	4	6	2	2	2	161	.27	.133	20	33	.82	170	.04	2	3.97	.02	.06	9	12
71AK-160	26	160	48	199	.7	29	24	7365	8.79	200	5	ND	1	6	1	2	3	383	.07	.217	8	48	.50	200	.01	4	2.45	.02	.10	1	8
71AK-161	10	955	41	1026	1.7	16	22	1287	6.59	915	5	ND	3	33	4	6	2	50	.60	.052	20	14	.60	377	.04	3	1.80	.07	.12	2	67
71AK-162	15	27	29	114	.1	2	2	405	7.09	81	5	ND	20	2	2	2	2	16	.04	.030	34	10	.07	13	.26	2	3.84	.08	.10	2	4
71AK-163	10	29	38	150	.4	4	4	1314	8.92	307	5	ND	10	3	1	2	2	25	.04	.038	28	13	.13	19	.21	2	2.34	.07	.10	1	28
71AK-164	6	50	25	52	.9	8	6	366	5.24	74	5	ND	1	12	1	2	3	147	.17	.112	6	17	.34	36	.17	2	2.41	.02	.06	1	8
71AK-165	30	20	106	81	1.1	8	3	256	11.28	170	5	ND	8	10	1	2	2	453	.08	.065	26	30	.19	41	.28	2	2.45	.03	.07	1	3
71AK-166	8	12	27	140	.1	4	2	711	5.74	17	5	ND	21	2	1	2	2	11	.06	.023	43	10	.09	22	.17	2	4.30	.20	.18	1	2
71AK-167	27	79	20	230	.7	61	7	507	7.36	1206	5	ND	2	2	1	3	2	447	.03	.056	14	22	.72	29	.04	2	2.56	.01	.07	26	1
71AK-168	24	382	19	283	.2	104	7	1690	5.81	222	5	ND	27	2	4	2	3	23	.04	.030	37	10	.11	57	.15	2	5.03	.12	.12	1	3
71AK-169	13	30	27	117	.1	6	3	766	6.94	33	5	ND	19	2	1	2	2	17	.05	.032	40	11	.15	27	.14	2	4.48	.08	.11	1	1
71AK-170	25	83	22	137	.5	10	4	540	7.94	177	12	ND	14	3	2	2	2	52	.07	.048	60	21	.13	29	.15	4	4.96	.07	.09	1	3
71AK-174	13	22	38	145	.1	3	2	307	12.38	71	5	ND	18	3	1	2	2	32	.03	.038	29	14	.07	32	.36	3	3.05	.05	.08	2	1
71AK-175	4	50	190	254	2.4	4	9	2208	9.16	263	5	ND	2	4	2	2	2	185	.05	.086	5	15	.41	37	.04	18	2.70	.02	.06	1	2
71AK-176	4	78	26	46	2.3	4	5	791	5.96	61	5	ND	1	6	1	2	2	123	.31	.091	5	11	.24	56	.12	3	1.96	.01	.06	1	1
71AK-177	14	21	27	45	.4	4	2	130	1.96	13	5	ND	1	7	1	2	2	48	.12	.054	6	7	.17	34	.08	2	1.49	.02	.04	2	1
71AK-178	4	23	29	62	.1	2	2	155	11.85	22	5	ND	13	4	2	2	2	63	.05	.041	18	18	.07	28	.21	5	3.68	.04	.06	2	5
71AK-181	5	73	9	103	.4	12	13	1009	5.84	28	5	ND	7	14	1	2	2	77	.32	.059	22	21	1.16	93	.10	7	2.81	.05	.11	1	33
71AK-182	8	72	10	98	.6	11	17	1335	7.08	30	5	ND	6	12	1	2	2	66	.39	.076	21	18	.94	87	.06	9	2.63	.05	.10	1	165
71AK-183	13	35	17	72	.6	5	7	798	8.51	16	5	ND	8	5	1	2	2	44	.06	.077	29	13	.51	43	.09	6	4.02	.03	.08	1	58
71AK-184	8	66	12	72	.7	6	11	1342	7.55	19	5	ND	5	7	1	2	2	57	.08	.070	21	15	.45	35	.08	12	3.30	.05	.08	1	25
71AK-185	3	496	32	77	.6	14	23	3031	27.44	91	5	ND	6	4	1	2	2	66	.24	.127	13	17	.40	46	.02	6	2.06	.01	.07	1	335
71AK-186	6	962	15	93	.1	16	45	8835	19.46	26	5	ND	9	17	2	2	2	86	.29	.154	42	16	.66	249	.02	10	3.07	.01	.11	1	1
71AK-187	8	164	9	182	.5	12	16	2936	8.91	28	5	ND	14	24	2	2	2	56	.33	.050	70	16	.65	198	.06	7	3.39	.04	.10	1	94
71AK-188	2	41	8	56	.1	3	4	639	2.40	5	5	ND	3	4	1	2	2	19	.05	.018	16	7	.27	77	.03	2	.95	.05	.06	1	53
71AK-189	2	76	12	98	.5	13	16	1339	5.24	17	5	ND	3	10	2	2	3	67	.15	.040	14	19	.89	305	.01	6	2.53	.02	.13	2	1
71AK-190	3	18	4	47	.7	2	4	293	4.60	2	5	ND	3	5	1	2	3	67	.02	.124	18	5	.10	244	.01	3	3.12	.01	.09	2	2
71AK-191	6	13	13	96	.1	2	4	1194	4.35	27	5	ND	15	3	2	2	5	8	.04	.041	49	9	.08	70	.11	2	8.77	.10	.09	3	2
STD C/AU-S	19	57	42	132	7.2	67	27	971	3.91	39	21	8	37	48	18	17	21	56	.48	.084	36	58	.88	173	.08	36	1.77	.06	.14	12	48

July P file copy.

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

GEOCHEMICAL ICP ANALYSIS

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

DATE RECEIVED: AUG 3 1987 DATE REPORT MAILED: Aug 11/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
71AK-151	7	264	192	777	1.2	51	30	2850	9.50	1661	5	ND	3	8	7	3	2	92	.26	.065	16	33	.87	205	.01	2	1.89	.01	.10	1	105
71AK-152	4	581	2582	3271	6.5	22	109	7670	11.48	2650	5	ND	4	9	36	13	2	116	.41	.104	15	19	1.25	162	.03	4	3.94	.02	.06	10	3
71AK-153	2	64	76	107	.7	4	6	354	12.27	280	5	ND	3	4	2	2	2	181	.03	.092	7	15	.26	61	.03	2	2.92	.01	.05	1	2
71AK-154	26	49	167	228	.8	22	6	970	9.89	484	5	ND	7	4	2	2	2	362	.03	.066	23	20	.17	35	.10	4	2.13	.02	.09	1	1
71AK-155	11	29	33	109	.8	4	3	377	6.78	109	5	ND	11	2	1	2	2	28	.03	.052	35	12	.15	19	.16	3	4.26	.06	.08	1	6
71AK-156	8	132	41	113	1.2	7	7	884	6.49	154	5	ND	4	5	1	2	2	65	.05	.061	23	19	.34	37	.07	2	3.00	.03	.08	2	6
71AK-157	9	19	26	95	.1	3	2	435	6.77	22	5	ND	15	2	2	2	3	14	.03	.040	31	12	.08	16	.17	2	5.62	.07	.09	1	2
71AK-158	24	59	24	174	.7	14	5	602	4.37	83	5	ND	4	4	1	2	3	47	.05	.042	18	16	.37	42	.06	2	2.39	.04	.09	1	4
71AK-159	16	286	22	203	.5	21	27	3355	9.80	243	5	ND	4	6	2	2	2	161	.27	.133	20	33	.82	170	.04	2	3.97	.02	.06	9	12
71AK-160	26	160	48	199	.7	29	24	7365	8.79	200	5	ND	1	6	1	2	3	383	.07	.217	8	48	.50	200	.01	4	2.45	.02	.10	1	8
71AK-161	10	955	41	1026	1.7	16	22	1287	6.59	915	5	ND	3	33	4	6	2	50	.60	.052	20	14	.60	377	.04	3	1.80	.07	.12	2	67
71AK-162	15	27	29	114	.1	2	2	405	7.09	81	5	ND	20	2	2	2	2	16	.04	.030	34	10	.07	13	.26	2	3.84	.08	.10	2	4
71AK-163	10	29	38	150	.4	4	4	1314	8.92	307	5	ND	10	3	1	2	2	25	.04	.038	28	13	.13	19	.21	2	2.34	.07	.10	1	28
71AK-164	6	50	25	52	.9	8	6	366	5.24	74	5	ND	1	12	1	2	3	147	.17	.112	6	17	.34	36	.17	2	2.41	.02	.06	1	8
71AK-165	30	20	106	81	1.1	8	3	254	11.28	170	5	ND	8	10	1	2	2	453	.08	.065	26	30	.19	41	.28	2	2.45	.03	.07	1	3
71AK-166	8	12	27	140	.1	4	2	711	5.74	17	5	ND	21	2	1	2	2	11	.06	.023	43	10	.09	22	.17	2	4.30	.20	.18	1	2
71AK-167	27	79	20	230	.7	61	7	507	7.36	1206	5	ND	2	2	1	3	2	447	.03	.056	14	22	.72	29	.04	2	2.56	.01	.07	26	1
71AK-168	24	382	19	283	.2	104	7	1690	5.81	222	5	ND	27	2	4	2	3	23	.04	.030	37	10	.11	57	.15	2	5.03	.12	.12	1	3
71AK-169	13	30	27	117	.1	6	3	766	6.94	33	5	ND	19	2	1	2	2	17	.05	.032	40	11	.15	27	.14	2	4.48	.08	.11	1	1
71AK-170	25	83	22	137	.5	10	4	540	7.94	177	12	ND	14	3	2	2	2	52	.07	.048	60	21	.13	29	.15	4	4.96	.07	.09	1	3
71AK-174	13	22	38	145	.1	3	2	307	12.38	71	5	ND	18	3	1	2	2	32	.03	.038	29	14	.07	32	.36	3	3.05	.05	.08	2	1
71AK-175	4	50	190	254	2.4	4	9	2208	9.16	263	5	ND	2	4	2	2	2	185	.05	.086	5	15	.41	37	.04	18	2.70	.02	.06	1	2
71AK-176	4	78	26	46	2.3	4	5	791	5.96	61	5	ND	1	6	1	2	2	123	.31	.091	5	11	.24	56	.12	3	1.96	.01	.06	1	1
71AK-177	14	21	27	45	.4	4	2	130	1.96	13	5	ND	1	7	1	2	2	48	.12	.054	6	7	.17	34	.08	2	1.49	.02	.04	2	1
71AK-178	4	23	29	62	.1	2	2	155	11.85	22	5	ND	13	4	2	2	2	63	.05	.041	18	18	.07	28	.21	5	3.68	.04	.06	2	5
71AK-181	5	73	9	103	.4	12	13	1009	5.84	28	5	ND	7	14	1	2	2	77	.32	.059	22	21	1.16	93	.10	7	2.81	.05	.11	1	33
71AK-182	8	72	10	98	.6	11	17	1335	7.08	30	5	ND	6	12	1	2	2	66	.39	.076	21	18	.94	87	.06	9	2.63	.05	.10	1	165
71AK-183	13	35	17	72	.6	5	7	798	8.51	16	5	ND	8	5	1	2	2	44	.06	.077	29	13	.51	43	.09	6	4.02	.03	.08	1	58
71AK-184	8	66	12	72	.7	6	11	1342	7.55	19	5	ND	5	7	1	2	2	57	.08	.070	21	15	.45	35	.08	12	3.30	.05	.08	1	25
71AK-185	3	496	32	77	.6	14	23	3031	27.44	91	5	ND	6	4	1	2	2	66	.24	.127	13	17	.40	46	.02	6	2.06	.01	.07	1	335
71AK-186	6	962	15	93	.1	16	45	8835	19.46	26	5	ND	9	17	2	2	2	86	.29	.154	42	16	.66	249	.02	10	3.07	.01	.11	1	1
71AK-187	8	164	9	182	.5	12	16	2936	8.91	28	5	ND	14	24	2	2	2	56	.33	.050	70	16	.65	198	.06	7	3.39	.04	.10	1	94
71AK-188	2	41	8	56	.1	3	4	639	2.40	5	5	ND	3	4	1	2	2	19	.05	.018	16	7	.27	77	.03	2	.95	.05	.06	1	53
71AK-189	2	76	12	98	.5	13	16	1339	5.24	17	5	ND	3	10	2	2	3	67	.15	.040	14	19	.89	305	.01	6	2.53	.02	.13	2	1
71AK-190	3	18	4	47	.7	2	4	293	4.60	2	5	ND	3	5	1	2	3	67	.02	.124	18	5	.10	244	.01	3	3.12	.01	.09	2	2
71AK-191	6	13	13	96	.1	2	4	1194	4.35	27	5	ND	15	3	2	2	5	8	.04	.041	49	9	.08	70	.11	2	8.77	.10	.09	3	2
STD C/AU-S	19	57	42	132	7.2	67	27	971	3.91	39	21	8	37	48	18	17	21	56	.48	.084	36	58	.88	173	.08	36	1.77	.06	.14	12	48

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
71AK-192	8	12	22	95	.2	2	1	315	6.90	10	5	ND	16	2	1	2	2	14	.03	.037	41	11	.08	18	.19	2	5.22	.08	.09	1	1
71AK-193	6	18	15	210	.4	6	4	854	5.96	11	5	ND	23	4	1	2	2	13	.08	.034	44	13	.22	46	.12	2	4.53	.09	.13	1	1
71AK-194	3	147	17	111	.4	11	17	1704	6.01	67	5	ND	4	22	1	2	2	73	.29	.066	18	21	1.05	162	.05	3	2.28	.04	.11	1	19
71AK-195	5	315	18	98	.9	9	20	3699	8.46	19	5	ND	6	7	1	3	2	72	.09	.110	27	18	1.08	56	.02	3	3.43	.03	.09	1	27
71AK-196	4	65	11	77	1.0	6	15	2400	7.79	20	5	ND	3	6	1	2	3	60	.07	.116	22	14	.25	41	.06	2	3.02	.02	.09	1	37
71AK-197	7	81	17	85	.3	24	25	1308	8.96	63	5	ND	4	2	1	2	3	63	.02	.068	23	44	.21	33	.02	7	2.16	.02	.09	1	25
STD C/AU-S	20	59	41	133	7.2	68	27	901	4.01	37	20	8	38	48	17	16	20	57	.47	.087	37	57	.89	167	.08	35	1.81	.05	.13	14	52
71AK-198	3	40	13	69	.1	22	26	3725	11.66	46	5	ND	2	4	1	2	2	71	.11	.178	8	48	.14	55	.01	4	1.22	.01	.12	1	26
71AK-199	1	342	19	99	.2	9	19	8894	16.46	60	5	ND	4	7	1	2	2	59	.23	.438	13	8	.19	78	.01	4	1.70	.01	.09	1	360
71AK-200	9	157	17	43	.7	9	9	1218	11.96	127	5	ND	3	4	1	2	2	89	.03	.089	10	9	.16	27	.01	4	2.54	.01	.10	1	210
71AK-201	7	232	18	46	6.3	6	13	435	15.84	35	5	ND	4	3	1	2	2	62	.03	.106	13	17	.23	17	.04	2	3.49	.02	.04	1	240
71AK-202	11	22	13	59	.4	4	10	2347	5.89	9	5	ND	2	4	1	2	2	62	.04	.095	9	8	.14	36	.02	4	1.28	.05	.08	1	19
71AK-203	18	76	10	50	.3	7	15	1440	10.90	23	5	ND	1	4	1	2	2	95	.09	.190	7	9	.14	32	.01	4	1.43	.01	.06	1	63
71AK-204	5	27	11	89	1.3	6	7	602	6.32	15	5	ND	2	7	1	2	2	91	.04	.094	12	18	.57	39	.03	2	3.36	.02	.06	1	6
71AK-205	3	28	15	74	.7	6	9	763	6.62	11	5	ND	2	4	1	2	2	87	.03	.088	11	18	.60	46	.03	2	3.07	.02	.05	1	4
71AK-206	1	242	16	74	.5	12	37	3094	12.13	140	5	ND	4	5	1	2	2	71	.11	.147	11	14	.56	49	.01	4	2.51	.02	.09	1	250
71AK-209	1	61	14	86	.2	9	15	850	5.44	19	5	ND	2	19	1	2	2	79	.33	.070	8	20	1.45	323	.05	7	1.90	.04	.09	1	39
71AK-210	1	92	18	129	.1	9	39	4900	19.20	47	5	ND	7	21	1	2	2	93	.28	.078	21	13	.52	1753	.01	5	.97	.01	.13	6	11
71AK-211	3	13	9	34	.1	2	7	351	6.56	2	5	ND	3	3	1	2	2	95	.02	.045	5	8	.10	86	.01	2	2.01	.01	.09	2	1
71AK-212	4	55	13	71	.2	8	12	1104	5.53	8	5	ND	1	15	1	2	2	54	.33	.059	13	15	.36	473	.02	2	1.57	.02	.11	2	4
71AK-213	6	22	5	52	.4	4	3	232	3.00	5	5	ND	2	9	1	2	2	50	.24	.075	7	7	.07	118	.01	2	.79	.02	.08	2	1
71AK-214	18	31	11	51	.2	2	6	284	4.27	27	5	ND	2	7	1	2	2	25	.06	.076	8	5	.08	288	.01	2	1.42	.01	.10	4	1
71AK-215	4	15	11	50	.2	4	4	180	4.23	6	5	ND	2	8	1	2	2	70	.05	.046	8	14	.24	62	.02	2	2.27	.01	.06	2	1
71AK-216	7	19	11	68	.3	6	5	309	5.61	10	5	ND	2	9	1	3	2	51	.11	.051	15	15	.43	77	.05	2	1.81	.02	.09	1	1
71AK-217	12	11	26	64	.5	3	8	2614	5.01	2	6	ND	10	7	1	2	2	36	.09	.053	60	11	.11	116	.11	2	2.94	.04	.06	1	4
71AK-218	1	3	9	21	.2	1	2	114	2.21	2	5	ND	1	14	1	2	2	61	.07	.020	7	5	.09	36	.02	2	1.41	.02	.05	1	1
71AK-219	15	20	14	69	.5	4	4	268	6.58	9	5	ND	2	14	1	2	2	103	.15	.055	13	11	.28	66	.09	2	2.06	.02	.07	6	1
71AK-220	8	38	2	123	.6	8	11	1704	3.92	56	16	ND	16	48	1	8	6	52	.76	.169	52	26	.57	601	.02	3	8.76	.01	.09	11	1
71AK-221	7	23	16	103	.1	3	3	372	6.55	13	5	ND	20	3	1	2	2	18	.05	.036	38	11	.15	52	.10	2	5.98	.07	.11	1	1
71AK-222	3	56	23	88	.3	9	16	1162	5.20	111	5	ND	3	31	1	2	2	75	.35	.084	11	22	1.06	757	.03	12	1.77	.03	.10	3	24
71AK-223	4	37	14	74	.3	7	10	680	5.25	19	5	ND	6	22	1	4	2	67	.26	.063	15	18	.84	495	.05	6	2.45	.04	.12	3	3
71AK-224	1	4	9	12	.2	1	6	1091	3.17	2	5	ND	6	16	1	2	2	43	.86	.257	23	4	.13	442	.01	7	.59	.01	.25	1	4
71AK-225	2	49	13	72	.4	9	10	829	3.96	15	5	ND	3	20	1	3	2	57	1.11	.076	10	15	.78	261	.04	8	1.16	.03	.09	1	5
71AK-226	1	42	4	36	.1	5	7	656	2.64	7	5	ND	3	12	1	2	2	30	.28	.055	9	9	.41	286	.01	4	.70	.03	.11	1	23
71AK-228	5	38	10	62	.3	6	9	693	3.41	11	5	ND	4	36	1	2	2	45	.38	.061	11	13	.66	732	.02	12	1.02	.03	.10	2	1
71MS-066	7	11	25	70	1.0	3	2	154	5.17	17	5	ND	6	5	1	2	2	33	.04	.040	21	9	.11	50	.16	3	1.99	.04	.06	1	1
71MS-067	3	33	13	99	.5	7	9	1218	5.32	11	5	ND	5	7	1	6	2	59	.08	.057	22	17	.53	85	.07	3	2.79	.03	.09	1	3

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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
71MS-068	9	20	23	79	.4	5	6	643	6.11	12	5	ND	10	5	1	2	2	44	.04	.043	34	17	.23	47	.18	3	3.33	.06	.10	1	4
STD C/AU-S	21	60	41	135	7.6	71	29	941	4.06	39	17	8	40	51	18	19	22	60	.48	.093	38	61	.91	177	.09	39	1.86	.06	.14	13	50
71MS-069	9	10	21	98	.1	3	2	317	7.07	12	5	ND	15	2	1	2	2	15	.04	.025	41	12	.09	18	.19	2	3.38	.07	.09	1	1
71MS-070	8	16	21	87	.1	3	2	191	7.24	12	5	ND	18	3	1	2	2	17	.03	.042	23	14	.10	21	.18	2	5.51	.06	.08	1	1
71MS-071	14	8	25	99	.1	3	2	462	7.67	10	5	ND	19	3	1	2	2	25	.04	.033	39	13	.11	15	.34	3	3.27	.07	.10	1	1
71MS-072	21	125	27	141	1.9	4	30	5689	4.55	15	7	ND	61	4	11	2	6	15	.07	.059	89	11	.12	81	.14	2	6.58	.10	.11	1	2
71MS-073	2	6	15	33	.2	3	2	188	2.19	5	5	ND	2	16	1	2	2	61	.09	.059	8	8	.15	34	.10	4	1.64	.02	.06	1	1
71MS-074	6	54	58	135	.2	4	13	1475	8.56	13	5	ND	2	55	1	2	2	150	.24	.072	10	15	1.05	242	.19	8	3.04	.02	.05	17	3
71MS-075	10	19	19	103	.6	5	11	1358	6.31	12	5	ND	6	5	1	2	2	42	.05	.085	38	16	.21	33	.14	2	4.01	.04	.08	1	1
71MS-076	5	21	16	53	.2	4	5	211	6.22	12	5	ND	3	7	1	3	2	115	.05	.024	8	15	.36	46	.06	5	2.07	.01	.06	1	1
71MS-078	8	7	10	51	.3	1	3	460	3.87	4	5	ND	2	4	1	2	2	41	.04	.057	22	7	.09	103	.01	7	2.16	.01	.12	1	1
71MS-079	8	15	15	65	.7	5	4	837	3.39	5	5	ND	4	6	1	2	2	29	.06	.155	42	11	.19	59	.03	5	3.14	.04	.10	1	1
71MS-080	7	12	14	39	.3	3	3	148	4.71	6	5	ND	4	6	1	2	2	87	.04	.040	15	12	.14	43	.09	5	2.70	.01	.06	1	1
71MS-081	9	22	21	104	.5	6	5	374	4.86	10	5	ND	6	8	1	2	3	50	.08	.063	43	15	.45	77	.07	6	3.85	.05	.11	1	1
71MS-082	8	9	26	101	.1	2	2	382	8.16	10	5	ND	16	2	1	2	2	18	.04	.025	36	10	.09	13	.26	2	2.46	.09	.13	1	1
71MS-083	12	25	16	111	.6	7	7	2248	6.18	11	6	ND	10	6	1	2	2	38	.10	.089	80	18	.26	86	.16	9	3.78	.06	.10	1	1
71MS-084	9	78	13	61	.3	4	11	3095	5.86	12	5	ND	2	5	1	2	2	25	.04	.108	14	8	.07	91	.01	5	1.14	.01	.13	1	10
71MS-085	4	40	16	71	.3	11	19	3667	8.05	5	5	ND	4	7	1	2	2	29	.06	.125	12	24	.15	429	.01	4	1.10	.01	.14	1	6
71SD-365	10	329	65	327	1.1	17	48	2246	8.27	625	5	ND	4	10	1	11	2	122	.14	.082	19	19	1.00	104	.06	5	2.89	.02	.08	2	5
71SD-366	13	23	26	77	.1	2	2	315	9.85	63	5	ND	19	2	1	2	2	35	.03	.051	21	12	.10	22	.23	2	3.73	.06	.08	1	1
71SD-367	15	31	30	86	.1	4	5	333	10.78	369	5	ND	13	3	1	2	2	56	.03	.044	21	16	.26	29	.20	3	3.06	.03	.08	2	1
71SD-368	9	92	21	203	.7	18	5	385	6.03	266	5	ND	10	6	1	2	2	55	.06	.051	23	17	.42	71	.09	3	3.76	.03	.09	1	9
71SD-369	26	21	22	81	.4	6	4	307	11.88	41	5	ND	6	7	1	2	2	56	.04	.041	20	14	.22	35	.15	9	1.65	.02	.06	1	1
71SD-370	33	47	33	88	.1	4	3	422	14.94	49	5	ND	16	2	1	2	2	51	.02	.050	22	16	.09	18	.27	3	2.94	.03	.07	1	1
71SD-371	14	30	22	214	3.5	8	6	1726	6.30	169	5	ND	19	2	1	2	3	11	.04	.058	47	10	.10	55	.14	2	5.14	.10	.11	1	4
71SD-372	18	99	83	134	5.6	4	8	1288	10.69	632	5	ND	3	5	1	17	2	94	.04	.240	12	13	.31	49	.03	4	3.37	.01	.06	2	2
71SD-373	16	19	25	99	.8	3	2	390	11.36	54	5	ND	20	2	1	2	2	26	.03	.039	38	15	.10	13	.31	2	3.63	.05	.10	2	1
71SD-374	16	16	23	86	.5	3	2	371	9.38	27	5	ND	13	3	1	2	2	20	.04	.034	33	12	.09	12	.20	2	3.15	.11	.10	1	1
71SD-375	23	9	31	64	.1	2	2	186	12.57	18	5	ND	12	2	1	2	2	41	.02	.026	28	12	.05	13	.38	2	2.68	.02	.05	1	7
71SD-376	11	12	18	124	.1	3	1	324	7.75	28	5	ND	26	2	1	2	2	10	.04	.026	26	13	.10	34	.16	2	6.71	.10	.12	2	1
71SD-377	14	38	25	57	.4	3	4	186	9.56	45	5	ND	6	5	1	2	2	146	.02	.032	16	12	.18	32	.29	3	1.90	.02	.06	1	1
71SD-378	5	51	35	121	.7	9	5	290	4.62	151	5	ND	3	8	1	7	2	59	.07	.042	9	20	.52	49	.05	4	2.74	.02	.07	1	2
71SD-379	12	49	22	120	.4	6	7	571	7.61	70	5	ND	20	3	1	2	2	33	.05	.031	48	17	.22	34	.24	2	4.61	.09	.10	5	1
71SD-380	23	15	24	97	.1	3	2	271	10.04	44	5	ND	23	2	1	2	2	18	.03	.034	26	13	.12	20	.19	2	4.95	.08	.10	1	1
71SD-381	12	23	43	76	.4	3	2	250	9.02	64	5	ND	16	4	1	2	2	43	.03	.048	27	15	.10	21	.26	2	3.09	.03	.06	1	4
71SD-382	11	47	23	96	2.6	5	3	292	4.68	83	5	ND	13	7	1	4	2	31	.04	.059	26	15	.17	150	.12	7	5.02	.07	.08	2	1
71SD-383	32	33	17	64	1.7	7	4	234	12.34	44	5	ND	7	3	1	2	2	115	.02	.082	21	30	.19	25	.17	2	2.83	.02	.05	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
71SD-384	19	11	23	71	1.2	16	1	180	12.60	29	5	ND	19	2	1	2	2	45	.03	.058	32	16	.05	10	.27	2	3.66	.07	.09	1	1
71SD-385	23	53	37	68	2.4	8	2	190	8.41	1138	5	ND	4	2	1	2	5	749	.02	.068	24	50	.07	23	.08	2	4.24	.04	.05	1	12
71SD-386	16	14	18	73	.4	2	2	196	10.18	55	5	ND	17	1	1	2	2	37	.02	.031	18	18	.07	13	.22	2	3.87	.07	.09	1	3
71SD-387	17	231	158	469	1.5	16	31	1830	10.38	1727	5	ND	12	10	3	8	2	61	.15	.080	30	18	.41	52	.11	2	2.60	.07	.10	2	54
71SD-388	10	88	592	458	3.6	3	5	345	10.79	270	5	ND	6	2	2	3	6	56	.02	.054	11	12	.14	44	.04	2	6.76	.03	.05	8	7
71SD-389	11	25	28	77	.5	3	5	239	12.88	100	5	ND	9	5	1	2	2	70	.03	.031	16	16	.20	26	.17	4	2.31	.03	.07	1	21
71SD-390	3	24	28	69	.7	3	2	171	6.60	29	5	ND	19	3	1	2	6	35	.03	.035	16	15	.11	25	.12	10	5.49	.05	.07	1	4
71SD-391	6	23	22	63	.2	5	4	176	6.07	115	5	ND	5	9	1	2	2	83	.06	.037	13	13	.19	46	.10	2	2.07	.02	.05	1	560
71SD-392	5	39	24	98	2.2	5	6	365	4.07	37	5	ND	6	5	1	2	2	48	.04	.064	20	12	.19	34	.05	2	3.58	.03	.08	1	11
71SD-394	8	61	83	76	3.3	4	5	478	7.06	641	5	ND	2	5	1	2	2	132	.04	.079	7	17	.33	24	.06	2	2.85	.06	.06	1	13
71SD-396	1	34	14	44	.1	4	8	1258	2.48	17	5	ND	5	20	1	2	2	16	.17	.029	14	8	.18	1295	.01	3	1.05	.01	.17	1	11
71SD-397	2	14	19	75	.3	5	6	1660	2.94	14	5	ND	3	13	1	2	2	32	.15	.049	19	10	.27	290	.04	2	1.57	.05	.11	1	6
71SD-398	3	21	21	94	.3	6	5	443	4.30	11	5	ND	7	12	1	2	2	35	.13	.034	29	13	.34	84	.11	2	2.90	.11	.12	1	9
71SD-399	8	11	17	107	.4	4	2	508	4.41	9	5	ND	7	7	1	2	2	18	.17	.056	40	10	.11	122	.17	2	3.40	.08	.09	1	2
71SD-400	7	13	16	95	.9	4	5	1608	5.04	5	5	ND	8	7	1	2	3	28	.12	.054	49	13	.13	115	.19	2	3.37	.07	.09	1	1
71SD-401	5	5	22	48	.8	2	1	256	3.17	2	5	ND	4	4	1	2	3	25	.06	.045	24	7	.04	47	.22	2	1.26	.03	.05	2	2
71SD-402	30	18	16	230	.6	5	5	1408	4.52	169	5	ND	9	4	3	2	4	34	.06	.061	35	13	.12	43	.12	4	3.79	.05	.08	1	1
71SD-403	7	35	39	153	.6	9	6	772	5.14	57	5	ND	4	4	1	2	4	63	.04	.067	21	18	.29	48	.05	5	3.62	.03	.07	1	1
71SD-404	5	76	25	198	.5	13	14	1555	5.53	49	5	ND	8	10	1	2	2	72	.16	.060	25	19	.59	108	.07	10	2.62	.06	.11	1	15
71SD-405	10	367	280	610	1.1	14	70	2269	11.89	415	5	ND	7	9	2	2	2	106	.10	.137	17	21	.96	74	.09	3	2.71	.03	.09	2	260
71SD-406	4	37	30	131	.5	6	7	490	5.26	33	5	ND	10	5	1	2	3	40	.06	.054	32	16	.29	52	.12	2	3.83	.07	.09	1	17
71SD-407	4	28	28	84	.2	6	8	1473	3.92	48	5	ND	3	9	1	2	3	35	.08	.082	18	13	.27	179	.04	3	1.97	.04	.11	1	72
71SD-408	5	26	20	90	.3	6	5	506	5.03	17	5	ND	6	7	1	2	2	50	.07	.047	21	14	.30	65	.08	4	2.56	.06	.11	1	6
71SD-409	4	8	14	33	.1	2	6	4678	2.21	18	5	ND	2	4	1	2	2	18	.03	.049	17	4	.07	327	.01	2	1.30	.03	.12	1	195
71SD-410	3	14	9	49	.4	6	7	1628	3.42	3	6	ND	6	4	2	2	5	28	.06	.058	44	14	.18	33	.12	2	2.74	.03	.04	1	11
71SD-411	7	41	20	172	.7	7	7	1577	5.74	66	6	ND	14	4	2	2	6	22	.05	.060	59	13	.15	285	.09	2	3.08	.07	.11	1	34
71SD-412	8	64	25	270	.7	11	6	872	4.23	674	16	ND	5	45	2	3	2	64	.86	.101	36	24	.38	239	.08	6	2.32	.04	.10	1	29
71SD-413	38	16	23	86	.4	5	7	689	6.83	118	5	ND	7	11	1	2	2	52	.17	.070	32	17	.14	61	.19	2	2.37	.03	.07	1	7
71SD-414	6	22	32	84	.4	5	3	649	2.46	49	5	ND	1	8	1	2	2	41	2.09	.051	7	15	.12	41	.20	2	1.42	.02	.04	1	2
71SD-415	17	188	19	95	.6	26	37	2282	7.91	58	5	ND	2	11	1	2	2	112	3.92	.084	5	67	.87	34	.12	2	3.42	.03	.03	3	8
71SD-416	7	75	10	73	1.0	15	12	678	4.06	31	5	ND	1	11	1	2	7	94	.49	.180	6	58	.39	75	.03	2	5.73	.01	.03	1	5
71SD-417	46	34	27	475	.9	11	17	2044	7.05	472	6	ND	6	8	3	2	2	63	.15	.092	17	22	.28	37	.15	3	2.70	.02	.09	1	5
71SD-418	12	282	432	617	2.5	14	65	4307	12.05	1002	5	ND	8	7	5	17	2	76	.09	.112	16	17	1.11	85	.05	5	3.22	.05	.10	1	25
71SD-419	7	130	295	254	2.3	7	15	1185	6.77	651	5	ND	5	5	2	8	2	61	.05	.069	17	16	.43	48	.08	2	3.19	.03	.08	1	5
71SD-420	4	18	38	70	.6	4	4	307	1.74	71	5	ND	2	6	1	3	2	38	.07	.037	11	10	.08	54	.17	3	.85	.02	.06	1	1
71SD-421	13	16	23	80	.5	3	3	523	11.75	73	5	ND	5	3	1	2	2	33	.02	.057	21	14	.07	26	.20	2	2.45	.03	.07	1	3
STD C/AU-S	18	60	44	133	7.4	68	28	921	3.90	41	21	8	38	50	18	15	22	58	.48	.090	37	66	.88	180	.08	35	1.78	.06	.14	11	52

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
71SD-422	4	43	29	130	.6	10	11	805	4.44	263	5	ND	2	8	1	5	2	73	.07	.075	5	24	.19	72	.07	2	1.27	.04	.13	1	1
71SD-423	30	12	23	71	.4	4	2	277	4.88	25	5	ND	2	6	1	3	2	90	.04	.057	16	9	.08	48	.22	2	1.30	.02	.06	2	1
71SD-424	9	41	59	186	.3	10	16	878	7.20	19	5	ND	3	5	1	6	2	65	.09	.081	16	14	.72	59	.08	2	2.59	.04	.07	1	1
71SD-425	16	173	32	164	.2	28	25	1144	7.09	29	5	ND	5	13	1	4	2	98	.20	.067	15	61	1.38	32	.16	2	3.08	.08	.10	2	6
71SD-426	7	32	11	159	.3	4	3	798	5.31	16	5	ND	21	3	1	2	4	7	.07	.035	47	7	.11	89	.11	2	5.48	.17	.15	3	1
71SD-427	4	16	22	38	.2	4	2	109	1.82	7	5	ND	1	6	1	3	2	40	.04	.054	13	11	.09	19	.19	2	1.27	.04	.06	1	2
71SD-428	1	29	12	64	.2	10	11	856	4.18	8	5	ND	4	24	1	2	2	71	.41	.085	15	18	.87	364	.06	7	1.33	.05	.14	1	3
71SD-429	1	33	10	66	.1	11	11	914	4.21	7	5	ND	3	21	1	2	2	71	.39	.074	12	19	1.12	296	.06	10	1.45	.06	.09	1	1
71SD-430	1	59	14	62	.1	13	14	704	4.99	5	5	ND	3	22	1	2	2	88	.53	.066	8	22	1.62	239	.07	5	1.83	.03	.11	1	6
71SD-431	1	69	11	62	.2	13	14	700	5.11	9	5	ND	2	17	1	2	2	88	.46	.066	8	21	1.51	172	.09	5	1.81	.03	.08	1	12
71SD-432	1	55	13	66	.2	15	14	900	4.96	4	5	ND	3	44	1	2	2	92	2.38	.063	8	26	1.64	389	.09	4	1.92	.03	.15	1	1
71SD-433	1	64	15	72	.1	15	15	918	5.25	9	5	ND	1	38	1	2	2	91	.57	.066	9	23	1.45	244	.14	3	1.78	.10	.12	1	7
71SD-434	1	70	13	71	.1	15	16	902	5.59	7	5	ND	2	16	1	2	2	99	.49	.060	7	26	1.87	126	.08	4	2.09	.04	.09	1	6
71SD-435	2	79	13	71	.1	15	17	864	5.77	10	5	ND	1	15	1	2	2	97	.44	.060	6	24	1.77	130	.08	6	1.98	.03	.08	1	9
71SD-436	1	62	13	68	.1	15	15	848	5.37	5	5	ND	1	24	1	2	2	102	.80	.062	7	27	1.81	192	.10	4	2.09	.04	.12	1	2
71SD-437	2	86	14	67	.2	15	16	787	5.54	7	5	ND	2	26	1	2	2	96	1.21	.064	8	26	1.75	225	.07	9	2.07	.03	.12	1	9
71SD-438	1	45	13	85	.1	10	14	916	5.36	7	5	ND	3	20	1	2	2	79	.37	.071	11	18	1.14	361	.06	4	1.47	.04	.12	1	5
71SD-439	1	39	18	81	.2	13	14	1137	4.90	14	5	ND	2	34	1	2	2	73	.45	.058	10	21	1.10	291	.16	5	1.44	.11	.10	1	2
71SD-440	1	32	13	70	.2	13	13	730	4.38	7	5	ND	2	46	1	2	2	72	.54	.059	9	21	1.20	213	.22	3	1.54	.18	.11	1	5
71SD-441	1	40	10	53	.1	8	12	559	4.30	5	5	ND	2	24	1	2	2	72	.33	.066	10	16	.97	501	.05	5	1.28	.04	.11	1	12
71SD-442	2	53	12	59	.3	8	14	768	5.01	7	5	ND	3	30	1	2	2	76	.46	.082	12	16	.86	773	.05	7	1.30	.03	.14	1	77
71SD-443	1	91	16	72	.4	13	19	776	6.26	13	5	ND	3	16	1	3	2	92	.34	.059	9	22	1.55	190	.07	5	1.96	.04	.11	1	62
71SD-444	2	72	15	59	.1	10	14	687	5.17	10	5	ND	2	14	1	2	2	81	.30	.068	10	18	1.27	158	.05	8	1.69	.04	.12	1	31
71SD-445	1	53	16	70	.2	10	12	1213	4.66	17	5	ND	2	17	1	2	2	69	.31	.077	12	17	.91	179	.07	8	1.38	.04	.09	1	13
71SD-446	1	67	12	53	.1	10	13	706	5.02	6	5	ND	2	13	1	2	2	81	.35	.073	9	18	1.27	156	.05	5	1.58	.03	.10	1	53
71SD-447	1	91	11	64	.1	10	16	661	5.60	12	5	ND	3	14	1	2	2	84	.35	.065	8	18	1.42	211	.05	6	1.89	.04	.12	1	24
STD C/AU-S	18	58	41	130	7.5	68	28	931	3.88	38	17	9	40	50	19	18	21	58	.48	.089	37	59	.87	172	.08	36	1.80	.06	.14	14	52
71SD-448	1	59	12	64	.1	14	15	768	4.77	4	5	ND	2	26	1	2	2	86	1.62	.049	5	26	1.83	74	.07	4	1.95	.03	.08	1	3
71SD-449	3	127	8	66	.3	13	23	721	6.80	15	5	ND	3	12	1	2	2	97	.32	.057	8	21	1.78	110	.06	9	2.37	.03	.09	1	41
71SD-450	5	71	16	126	.2	6	9	883	5.05	13	5	ND	18	7	1	2	2	27	.15	.026	38	12	.43	166	.10	2	4.74	.15	.15	3	21
71SD-451	1	40	6	71	.2	16	16	653	5.47	3	5	ND	3	13	1	2	2	96	.41	.051	6	27	2.07	88	.08	5	2.30	.03	.08	1	2
71SD-452	6	101	15	70	.4	11	19	859	6.83	13	5	ND	4	14	1	2	2	84	.35	.065	11	20	1.38	194	.06	6	1.96	.03	.10	1	70
71SD-453	1	11	11	30	.2	2	8	838	4.20	8	5	ND	5	36	1	2	2	75	.41	.110	21	6	.22	863	.03	9	.77	.01	.23	1	1
71SD-454	1	54	18	72	.3	8	14	1720	5.64	14	5	ND	7	23	1	2	2	78	.26	.074	26	13	.62	266	.05	7	1.54	.05	.16	1	16

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

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL -80 MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 4 1987 DATE REPORT MAILED: Aug 11/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
71MS-043	53	7	19	122	.5	7	2	418	6.48	36	5	ND	9	6	1	2	2	23	.09	.060	87	10	.09	93	.18	2	3.81	.08	.10	1	4
71MS-044	63	33	26	312	.7	42	4	868	8.08	708	20	ND	10	4	2	2	2	65	.04	.071	55	19	.14	36	.16	2	4.37	.04	.07	1	4
71MS-045	8	17	17	79	.5	3	1	233	6.75	51	5	ND	11	2	1	2	2	20	.03	.054	26	10	.07	33	.12	2	5.54	.07	.07	1	1
71MS-046	5	54	21	160	.3	19	7	429	4.77	87	5	ND	3	11	1	2	2	73	.11	.051	14	13	.49	65	.05	4	3.18	.02	.06	4	2
71MS-047	9	24	27	80	.3	5	2	183	9.08	285	6	ND	3	3	1	2	2	88	.03	.069	23	21	.17	22	.15	2	4.05	.03	.05	1	1
71MS-048	6	28	17	73	1.1	4	2	302	4.46	69	5	ND	1	5	1	2	2	65	.04	.067	18	6	.15	30	.06	2	1.88	.03	.06	2	1
71MS-049	4	45	19	93	1.1	4	3	426	5.04	27	5	ND	3	4	1	2	2	35	.04	.094	23	11	.13	46	.07	2	5.85	.06	.07	1	4
71MS-050	5	37	44	96	1.6	4	4	821	5.92	118	5	ND	4	3	1	2	2	29	.05	.123	25	9	.12	21	.10	2	4.82	.06	.05	1	1
71MS-051	16	94	151	436	.8	9	16	887	8.86	650	9	ND	4	5	1	2	2	98	.04	.064	15	18	.50	53	.10	3	4.38	.03	.06	1	1
71MS-052	9	11	16	58	.1	2	1	179	9.07	15	5	ND	16	2	1	2	2	19	.02	.061	39	11	.04	17	.25	2	4.17	.05	.07	1	1
71MS-054	35	33	21	106	.9	19	4	212	7.67	186	5	ND	4	7	1	2	2	116	.05	.075	16	17	.26	64	.08	3	3.26	.02	.05	2	1
71MS-055	27	12	20	96	.2	5	2	228	12.91	175	5	ND	9	4	1	2	2	29	.03	.046	18	10	.05	24	.26	2	2.18	.04	.05	1	1
71MS-056	25	18	26	737	.8	32	3	855	6.86	2240	5	ND	4	27	3	9	2	40	1.04	.081	37	9	.15	187	.19	2	1.59	.01	.06	1	1
71MS-057	18	31	28	69	1.8	10	3	198	7.95	93	6	ND	3	10	1	2	2	364	.08	.044	16	29	.25	63	.15	2	2.58	.03	.04	1	2
71MS-058	11	11	12	70	.1	2	1	159	8.56	17	5	ND	21	2	1	2	2	22	.02	.035	28	9	.05	23	.18	2	6.20	.05	.05	1	5
71MS-059	18	50	6	940	.2	465	4	796	1.74	141	144	ND	1	85	37	4	2	24	3.46	.125	2	8	.20	200	.01	11	.28	.01	.03	2	2
71MS-060	71	11	19	546	1.6	35	3	866	6.02	284	18	ND	4	25	3	4	2	47	.74	.064	39	22	.13	146	.16	3	3.00	.03	.06	2	1
71MS-061	57	31	9	267	.4	37	1	336	1.58	269	63	ND	3	129	26	11	2	30	1.89	.081	30	11	.09	244	.26	3	1.93	.01	.03	2	4
71MS-062	14	24	25	72	1.3	6	2	234	6.77	47	5	ND	2	8	1	2	2	136	.11	.063	14	20	.13	46	.16	2	2.11	.02	.05	1	1
71MS-063	9	13	22	85	.1	5	2	118	13.03	30	5	ND	7	7	1	2	2	42	.02	.047	18	8	.06	35	.33	14	1.70	.03	.05	1	1
71MS-064	8	10	29	62	.3	3	1	156	12.71	10	5	ND	14	2	1	2	2	36	.02	.032	25	9	.05	17	.31	2	2.52	.03	.05	1	2
71MS-065	7	11	19	65	1.0	3	1	165	5.12	21	5	ND	9	4	1	2	3	28	.03	.039	26	5	.06	37	.12	2	3.63	.04	.05	2	3
71SD-013	14	31	34	106	.3	28	10	283	9.04	79	5	ND	2	20	1	2	2	277	.22	.036	6	78	.47	170	.48	2	2.38	.02	.05	1	3
71SD-015	12	550	16	1758	1.8	6	13	2771	13.58	64	10	ND	2	4	3	3	2	38	.12	.116	19	6	.23	187	.01	2	2.02	.01	.05	2	2
71SD-017	4	57	58	173	1.3	6	5	192	13.18	304	5	ND	2	4	1	5	2	129	.02	.048	10	7	.13	74	.04	4	2.16	.01	.04	1	6
71SD-018	7	36	45	122	1.0	2	2	213	10.03	1075	5	ND	14	3	1	6	2	26	.02	.042	27	14	.05	21	.16	2	4.53	.04	.05	1	61
71SD-019	7	6	3	24	.1	3	1	99	1.40	17	5	ND	1	4	1	2	2	48	.03	.015	12	12	.06	16	.16	3	.46	.01	.03	2	8
71SD-020	6	15	21	264	.8	4	4	572	6.15	179	5	ND	9	4	1	2	2	32	.04	.054	41	7	.06	39	.38	2	1.58	.04	.08	1	5
71SD-021	4	36	14	530	1.9	14	5	2052	5.78	31	8	ND	12	8	5	2	2	15	.29	.126	84	5	.08	117	.11	2	5.37	.04	.05	1	1
71SD-302	11	123	91	1387	2.9	27	24	3116	6.99	400	5	ND	6	26	6	2	2	35	.80	.118	48	13	.22	236	.08	9	3.96	.01	.06	1	5
71SD-304	9	19	28	128	.6	4	2	313	12.95	30	5	ND	6	3	1	2	2	36	.05	.053	24	4	.08	26	.24	2	1.36	.03	.05	1	1
71SD-308	25	444	94	2453	2.4	50	50	6195	5.15	260	5	ND	5	43	23	2	2	35	1.57	.305	85	18	.25	450	.04	5	3.27	.01	.06	1	5
71SD-309	11	76	45	664	1.7	11	9	2613	6.68	165	5	ND	4	16	4	2	2	69	.41	.095	38	16	.18	256	.18	8	1.94	.03	.08	1	3
71SD-310	7	42	13	212	.5	7	5	507	5.65	265	5	ND	2	5	1	2	2	142	.03	.043	13	11	.12	53	.08	2	1.12	.01	.05	1	79
71SD-322	7	55	59	174	.5	8	8	641	6.95	273	5	ND	1	6	1	2	2	124	.05	.076	9	10	.27	137	.01	2	2.22	.02	.05	1	21
71SD-323	15	18	18	108	1.0	8	2	140	3.26	192	5	ND	1	6	1	2	2	85	.06	.036	9	11	.14	72	.01	2	2.22	.01	.04	1	8
STD C/AU-S	18	60	41	134	7.5	71	29	961	3.97	43	24	8	39	51	19	17	21	60	.48	.090	39	61	.88	183	.09	38	1.84	.06	.13	13	52

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
71SD-324	11	11	20	73	.2	2	1	293	6.00	10	5	ND	10	4	1	6	2	9	.05	.057	40	8	.06	35	.12	3	5.32	.06	.05	1	4
71SD-325	11	15	19	73	.7	9	1	280	7.75	16	6	ND	7	4	1	2	2	12	.04	.069	28	16	.06	29	.13	2	3.26	.06	.06	1	6
71SD-326	12	41	71	99	1.0	2	1	282	8.74	143	5	ND	15	2	1	2	2	42	.02	.074	23	11	.08	37	.14	2	6.16	.06	.07	1	3
71SD-327	23	86	22	69	.3	3	7	631	13.05	34	5	ND	5	6	1	2	2	277	.08	.067	14	15	.33	31	.56	5	3.81	.04	.03	1	4
71SD-328	10	43	27	85	.1	8	4	256	14.06	28	5	ND	8	5	1	2	2	104	.02	.048	19	78	.22	55	.16	15	3.48	.03	.06	1	1
71SD-329	11	27	35	107	.2	4	4	231	11.22	40	5	ND	6	4	1	2	2	94	.03	.045	19	21	.12	32	.14	14	3.34	.02	.05	1	4
71SD-330	10	9	19	63	.5	1	1	174	8.09	9	5	ND	7	3	1	2	2	38	.02	.043	32	9	.05	20	.31	2	2.27	.03	.04	1	1
71SD-331	11	8	31	41	1.3	3	1	99	6.71	11	5	ND	6	5	1	2	2	61	.06	.039	27	7	.04	20	.32	2	1.12	.02	.03	1	1
71SD-332	10	12	31	95	.7	5	2	209	12.51	5	5	ND	10	5	1	2	2	33	.04	.048	25	12	.07	34	.26	3	2.49	.04	.05	1	1
71SD-333	11	41	53	101	.5	7	5	549	18.27	42	5	ND	5	5	1	4	2	171	.03	.067	12	51	.22	44	.14	7	2.85	.02	.03	1	3
71SD-334	16	17	27	87	.7	2	2	276	17.16	4	5	ND	20	1	1	3	2	25	.02	.044	30	11	.07	7	.32	5	3.32	.06	.08	2	1
71SD-335	15	339	21	109	.3	7	19	1588	13.46	27	5	ND	1	6	1	7	2	155	.10	.116	4	16	1.60	50	.16	6	2.87	.04	.04	1	3
71SD-336	19	282	93	220	.6	20	36	2233	9.67	1021	9	ND	1	14	1	6	2	162	.25	.070	6	19	2.33	367	.10	10	3.16	.05	.06	1	75
71SD-337	107	163	27	128	.1	8	16	1054	11.18	109	5	ND	12	5	1	7	2	65	.12	.082	26	8	.41	46	.15	5	4.75	.06	.08	1	23
71SD-338	20	69	18	83	.2	3	3	410	8.16	36	5	ND	5	3	1	2	2	45	.03	.088	24	8	.11	26	.17	4	5.19	.04	.06	1	1
71SD-339	24	36	32	79	.7	12	3	361	5.93	155	5	ND	2	6	1	8	2	462	.04	.089	21	15	.20	34	.06	3	1.80	.03	.06	1	2
71SD-340	23	13	23	98	.1	2	2	386	8.36	100	5	ND	22	2	1	2	2	13	.03	.044	34	9	.06	18	.18	2	4.56	.10	.06	1	2
71SD-341	41	151	85	822	.7	39	19	3453	6.41	1411	27	ND	3	19	11	10	2	85	.42	.139	46	18	.48	252	.04	4	3.26	.04	.08	1	3
71SD-342	10	26	25	114	.6	4	3	401	6.39	47	5	ND	10	3	1	2	2	21	.04	.083	37	9	.11	30	.18	13	5.21	.07	.06	1	4
71SD-344	15	79	127	198	1.0	13	7	540	7.42	748	5	ND	12	9	1	20	2	57	.14	.073	31	11	.35	110	.16	7	3.76	.08	.07	1	6
71SD-345	14	13	26	72	.1	2	1	188	9.33	32	5	ND	21	3	1	6	2	32	.02	.020	18	12	.07	14	.36	2	2.71	.08	.07	1	3
71SD-346	35	19	30	928	.4	54	2	505	4.75	2611	16	ND	19	46	4	9	2	43	.76	.042	67	8	.13	227	.16	3	3.51	.05	.11	1	1
71SD-347	12	202	155	440	1.6	31	27	2290	7.68	1032	5	ND	4	8	2	17	2	150	.14	.074	20	22	.67	145	.06	17	2.34	.03	.10	1	92
71SD-348	10	23	26	82	.1	2	2	245	12.79	30	5	ND	27	3	1	4	2	26	.02	.056	29	12	.09	22	.20	5	5.72	.05	.06	1	3
71SD-349	8	33	30	101	.2	4	3	289	8.60	56	5	ND	14	5	1	3	2	66	.04	.042	17	13	.23	44	.07	4	4.36	.04	.07	1	6
71SD-350	5	24	14	62	.7	4	4	361	6.08	49	5	ND	4	7	1	3	2	82	.06	.072	14	10	.30	37	.08	3	2.56	.02	.06	1	1
71SD-351	32	180	50	612	.4	55	13	2182	5.42	615	9	ND	2	13	6	7	2	146	.15	.106	30	19	.50	178	.05	5	2.48	.04	.09	1	5
71SD-352	33	108	49	215	.9	16	9	1039	6.26	662	5	ND	2	5	1	9	2	81	.11	.199	7	7	.20	45	.01	11	1.87	.02	.05	1	3
71SD-353	31	39	17	132	.2	31	4	1145	3.09	279	8	ND	1	3	1	7	2	102	.06	.090	8	8	.14	29	.01	3	.90	.01	.05	1	3
71SD-354	19	14	19	66	.4	3	1	187	12.30	32	5	ND	10	2	1	2	2	42	.01	.029	23	5	.06	13	.27	2	2.19	.03	.05	1	2
71SD-355	9	28	35	77	5.5	3	2	243	7.77	1379	5	ND	3	4	1	2	2	114	.02	.060	16	5	.11	41	.08	4	1.92	.02	.06	1	2
71SD-356	5	20	5	29	.6	3	2	190	1.68	75	5	ND	1	2	1	6	2	36	.01	.033	3	3	.14	13	.01	2	.70	.01	.02	5	4
71SD-357	22	68	14	76	1.4	16	5	499	5.23	359	7	ND	2	4	1	2	2	239	.03	.101	8	17	.34	33	.02	2	2.17	.02	.05	1	4
71SD-358	35	81	110	209	1.2	14	7	692	9.61	478	5	ND	11	6	1	8	2	140	.08	.072	27	13	.29	59	.17	3	3.66	.06	.07	1	7
STD C/AU-S	19	62	42	133	7.3	69	28	1028	3.93	38	19	7	40	52	20	17	21	62	.48	.097	40	61	.88	181	.09	35	1.83	.07	.14	12	48

GULF INTERNATIONAL FILE # 87-2983

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
71MS-068	9	20	23	79	.4	5	6	643	6.11	12	5	ND	10	5	1	2	2	44	.04	.043	34	17	.23	47	.18	3	3.33	.06	.10	1	4
STD C/AU-S	21	60	41	135	7.6	71	29	941	4.06	39	17	8	40	51	18	19	22	60	.48	.093	38	61	.91	177	.09	39	1.86	.06	.14	13	50
71MS-069	9	10	21	98	.1	3	2	317	7.07	12	5	ND	15	2	1	2	2	15	.04	.025	41	12	.09	18	.19	2	3.38	.07	.09	1	1
71MS-070	8	16	21	87	.1	3	2	191	7.24	12	5	ND	18	3	1	2	2	17	.03	.042	23	14	.10	21	.18	2	5.51	.06	.08	1	1
71MS-071	14	8	25	99	.1	3	2	462	7.67	10	5	ND	19	3	1	2	2	25	.04	.033	39	13	.11	15	.34	3	3.27	.07	.10	1	1
71MS-072	21	125	27	141	1.9	4	30	5689	4.55	15	7	ND	61	4	11	2	6	15	.07	.059	89	11	.12	81	.14	2	6.58	.10	.11	1	2
71MS-073	2	6	15	33	.2	3	2	188	2.19	5	5	ND	2	16	1	2	2	61	.09	.059	8	8	.15	34	.10	4	1.64	.02	.06	1	1
71MS-074	6	54	58	135	.2	4	13	1475	8.56	13	5	ND	2	55	1	2	2	150	.24	.072	10	15	1.05	242	.19	8	3.04	.02	.05	17	3
71MS-075	10	19	19	103	.6	5	11	1358	6.31	12	5	ND	6	5	1	2	2	42	.05	.085	38	16	.21	33	.14	2	4.01	.04	.08	1	1
71MS-076	5	21	16	53	.2	4	5	211	6.22	12	5	ND	3	7	1	3	2	115	.05	.024	8	15	.36	46	.06	5	2.07	.01	.06	1	1
71MS-078	8	7	10	51	.3	1	3	460	3.87	4	5	ND	2	4	1	2	2	41	.04	.057	22	7	.09	103	.01	7	2.16	.01	.12	1	1
71MS-079	8	15	15	65	.7	5	4	837	3.39	5	5	ND	4	6	1	2	2	29	.06	.155	42	11	.19	59	.03	5	3.14	.04	.10	1	1
71MS-080	7	12	14	39	.3	3	3	148	4.71	6	5	ND	4	6	1	2	2	87	.04	.040	15	12	.14	43	.09	5	2.70	.01	.06	1	1
71MS-081	9	22	21	104	.5	6	5	374	4.86	10	5	ND	6	8	1	2	3	50	.08	.063	43	15	.45	77	.07	6	3.85	.05	.11	1	1
71MS-082	8	9	26	101	.1	2	2	382	8.16	10	5	ND	16	2	1	2	2	18	.04	.025	36	10	.09	13	.26	2	2.46	.09	.13	1	1
71MS-083	12	25	16	111	.6	7	7	2248	6.18	11	6	ND	10	6	1	2	2	38	.10	.089	80	18	.26	86	.16	9	3.78	.06	.10	1	1
71MS-084	9	78	13	61	.3	4	11	3095	5.86	12	5	ND	2	5	1	2	2	25	.04	.108	14	8	.07	91	.01	5	1.14	.01	.13	1	10
71MS-085	4	40	16	71	.3	11	19	3667	8.05	5	5	ND	4	7	1	2	2	29	.06	.125	12	24	.15	429	.01	4	1.10	.01	.14	1	6
71SD-365	10	329	65	327	1.1	17	48	2246	8.27	625	5	ND	4	10	1	11	2	122	.14	.082	19	19	1.00	104	.06	5	2.89	.02	.08	2	5
71SD-366	13	23	26	77	.1	2	2	315	9.85	63	5	ND	19	2	1	2	2	35	.03	.051	21	12	.10	22	.23	2	3.73	.06	.08	1	1
71SD-367	15	31	30	86	.1	4	5	333	10.78	369	5	ND	13	3	1	2	2	56	.03	.044	21	16	.26	29	.20	3	3.06	.03	.08	2	1
71SD-368	9	92	21	203	.7	18	5	385	6.03	266	5	ND	10	6	1	2	2	55	.06	.051	23	17	.42	71	.09	3	3.76	.03	.09	1	9
71SD-369	26	21	22	81	.4	6	4	307	11.88	41	5	ND	6	7	1	2	2	56	.04	.041	20	14	.22	35	.15	9	1.65	.02	.06	1	1
71SD-370	33	47	33	88	.1	4	3	422	14.94	49	5	ND	16	2	1	2	2	51	.02	.050	22	16	.09	18	.27	3	2.94	.03	.07	1	1
71SD-371	14	30	22	214	3.5	8	6	1726	6.30	169	5	ND	19	2	1	2	3	11	.04	.058	47	10	.10	55	.14	2	5.14	.10	.11	1	4
71SD-372	18	99	83	134	5.6	4	8	1288	10.69	632	5	ND	3	5	1	17	2	94	.04	.240	12	13	.31	49	.03	4	3.37	.01	.06	2	2
71SD-373	16	19	25	99	.8	3	2	390	11.36	54	5	ND	20	2	1	2	2	26	.03	.039	38	15	.10	13	.31	2	3.63	.05	.10	2	1
71SD-374	16	16	23	86	.5	3	2	371	9.38	27	5	ND	13	3	1	2	2	20	.04	.034	33	12	.09	12	.20	2	3.15	.11	.10	1	1
71SD-375	23	9	31	64	.1	2	2	186	12.57	18	5	ND	12	2	1	2	2	41	.02	.026	28	12	.05	13	.38	2	2.68	.02	.05	1	7
71SD-376	11	12	18	124	.1	3	1	324	7.75	28	5	ND	26	2	1	2	2	10	.04	.026	26	13	.10	34	.16	2	6.71	.10	.12	2	1
71SD-377	14	38	25	57	.4	3	4	186	9.56	45	5	ND	6	5	1	2	2	146	.02	.032	16	12	.18	32	.29	3	1.90	.02	.06	1	1
71SD-378	5	51	35	121	.7	9	5	290	4.62	151	5	ND	3	8	1	7	2	59	.07	.042	9	20	.52	49	.05	4	2.74	.02	.07	1	2
71SD-379	12	49	22	120	.4	6	7	571	7.61	70	5	ND	20	3	1	2	2	33	.05	.031	48	17	.22	34	.24	2	4.61	.09	.10	5	1
71SD-380	23	15	24	97	.1	3	2	271	10.04	44	5	ND	23	2	1	2	2	18	.03	.034	26	13	.12	20	.19	2	4.95	.08	.10	1	1
71SD-381	12	23	43	76	.4	3	2	250	9.02	64	5	ND	16	4	1	2	2	43	.03	.048	27	15	.10	21	.26	2	3.09	.03	.06	1	4
71SD-382	11	47	23	96	2.6	5	3	292	4.68	83	5	ND	13	7	1	4	2	31	.04	.059	26	15	.17	150	.12	7	5.02	.07	.08	2	1
71SD-383	32	33	17	64	1.7	7	4	234	12.34	44	5	ND	7	3	1	2	2	115	.02	.082	21	30	.19	25	.17	2	2.83	.02	.05	1	1

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

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL -80 MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 4 1987 DATE REPORT MAILED: Aug 11/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
71MS-043	53	7	19	122	.5	7	2	418	6.48	36	5	ND	9	6	1	2	2	23	.09	.060	87	10	.09	93	.18	2	3.81	.08	.10	1	4
71MS-044	63	33	26	312	.7	42	4	868	6.08	708	20	ND	10	4	2	2	2	65	.04	.071	55	19	.14	36	.16	2	4.37	.04	.07	1	4
71MS-045	8	17	17	79	.5	3	1	233	6.75	51	5	ND	11	2	1	2	2	20	.03	.054	26	10	.07	33	.12	2	5.54	.07	.07	1	1
71MS-046	5	54	21	160	.3	19	7	420	4.77	87	5	ND	3	11	1	2	2	73	.11	.051	14	13	.49	65	.05	4	3.18	.02	.06	4	2
71MS-047	9	24	27	80	.3	5	2	183	9.08	285	6	ND	3	3	1	2	2	88	.03	.069	23	21	.17	22	.15	2	4.05	.03	.05	1	1
71MS-048	6	28	17	73	1.1	4	2	302	4.46	69	5	ND	1	5	1	2	2	65	.04	.067	18	6	.15	30	.06	2	1.89	.03	.06	2	1
71MS-049	4	45	19	93	1.1	4	3	426	5.04	27	5	ND	3	4	1	2	2	35	.04	.094	23	11	.13	46	.07	2	5.85	.06	.07	1	4
71MS-050	5	37	44	96	1.6	4	4	821	5.92	118	5	ND	4	3	1	2	2	29	.05	.123	25	9	.12	21	.10	2	4.82	.06	.05	1	1
71MS-051	16	94	151	436	.8	9	16	887	8.86	650	9	ND	4	5	1	2	2	98	.04	.064	15	18	.50	53	.10	3	4.38	.03	.06	1	1
71MS-052	9	11	16	58	.1	2	1	179	9.07	15	5	ND	16	2	1	2	2	19	.02	.061	39	11	.04	17	.25	2	4.17	.05	.07	1	1
71MS-054	35	33	21	106	.9	19	4	212	7.67	186	5	ND	4	7	1	2	2	116	.05	.075	16	17	.26	64	.08	3	3.26	.02	.05	2	1
71MS-055	27	12	20	96	.2	5	2	228	12.91	175	5	ND	9	4	1	2	2	29	.03	.046	18	10	.05	24	.26	2	2.18	.04	.05	1	1
71MS-056	25	18	26	737	.8	32	3	855	6.86	2240	5	ND	4	27	3	9	2	40	1.04	.081	37	9	.15	187	.19	2	1.59	.01	.06	1	1
71MS-057	18	31	28	69	1.8	10	3	198	7.95	93	6	ND	3	10	1	2	2	364	.08	.044	16	29	.25	63	.15	2	2.58	.03	.04	1	2
71MS-058	11	11	12	70	.1	2	1	159	8.56	17	5	ND	21	2	1	2	2	22	.02	.035	28	9	.05	23	.18	2	6.20	.05	.05	1	5
71MS-059	18	50	6	940	.2	465	4	796	1.74	141	144	ND	1	85	37	4	2	24	3.46	.125	2	8	.20	200	.01	11	.28	.01	.03	2	2
71MS-060	71	11	19	546	1.6	35	3	866	6.02	284	18	ND	4	25	3	4	2	47	.74	.064	39	22	.13	146	.16	3	3.00	.03	.06	2	1
71MS-061	57	31	9	267	.4	37	1	336	1.58	269	63	ND	3	129	26	11	2	30	1.89	.081	30	11	.09	244	.26	3	1.93	.01	.03	2	4
71MS-062	14	24	25	72	1.3	6	2	234	6.77	47	5	ND	2	8	1	2	2	136	.11	.063	14	20	.13	46	.16	2	2.11	.02	.05	1	1
71MS-063	9	13	22	85	.1	5	2	118	13.03	30	5	ND	7	7	1	2	2	42	.02	.047	18	6	.06	35	.33	14	1.70	.03	.05	1	1
71MS-064	8	10	29	62	.3	3	1	156	12.71	10	5	ND	14	2	1	2	2	36	.02	.032	25	9	.05	17	.31	2	2.52	.03	.05	1	2
71MS-065	7	11	19	65	1.0	3	1	165	5.12	21	5	ND	9	4	1	2	3	28	.03	.039	26	5	.06	37	.12	2	3.63	.04	.05	2	3
71SD-013	14	31	34	106	.3	28	10	283	9.04	79	5	ND	2	20	1	2	2	277	.22	.036	6	78	.47	170	.48	2	2.38	.02	.05	1	3
71SD-015	12	550	16	1758	1.8	6	13	2771	13.58	64	10	ND	2	4	3	3	2	38	.12	.116	19	6	.23	187	.01	2	2.02	.01	.05	2	2
71SD-017	4	57	58	173	1.3	6	5	192	13.18	304	5	ND	2	4	1	5	2	129	.02	.048	10	7	.13	74	.04	4	2.16	.01	.04	1	6
71SD-018	7	36	45	122	1.0	2	2	213	10.03	1075	5	ND	14	3	1	6	2	26	.02	.042	27	14	.05	21	.16	2	4.53	.04	.05	1	61
71SD-019	7	6	3	24	.1	3	1	99	1.40	17	5	ND	1	4	1	2	2	48	.03	.015	12	12	.06	16	.16	3	.46	.01	.03	2	8
71SD-020	6	15	21	264	.8	4	4	572	6.15	179	5	ND	9	4	1	2	2	32	.04	.054	41	7	.06	39	.38	2	1.58	.04	.08	1	5
71SD-021	4	36	14	530	1.9	14	5	2052	5.78	31	8	ND	12	8	5	2	2	15	.29	.126	84	5	.08	117	.11	2	5.37	.04	.05	1	1
71SD-302	11	123	91	1387	2.9	27	24	3116	6.90	400	5	ND	6	26	6	2	2	35	.80	.118	48	13	.22	236	.08	9	3.96	.01	.06	1	5
71SD-304	9	19	28	128	.6	4	2	313	12.95	30	5	ND	6	3	1	2	2	36	.05	.053	24	4	.08	26	.24	2	1.36	.03	.05	1	1
71SD-308	25	444	94	2453	2.4	50	50	6195	5.15	260	5	ND	5	43	23	2	2	35	1.57	.305	85	18	.25	450	.04	5	3.27	.01	.06	1	5
71SD-309	11	76	45	664	1.7	11	9	2613	6.68	165	5	ND	4	16	4	2	2	69	.41	.095	38	16	.18	256	.18	8	1.94	.03	.08	1	3
71SD-310	7	42	13	212	.5	7	5	507	5.65	265	5	ND	2	5	1	2	2	142	.03	.043	13	11	.12	53	.08	2	1.12	.01	.05	1	79
71SD-322	7	55	59	174	.5	8	8	641	6.95	273	5	ND	1	6	1	2	2	124	.05	.076	9	10	.27	137	.01	2	2.22	.02	.05	1	21
71SD-323	15	18	18	108	1.0	8	2	140	3.26	192	5	ND	1	6	1	2	2	85	.06	.036	9	11	.14	72	.01	2	2.22	.01	.04	1	8
STD C/AU-S	18	60	41	134	7.5	71	29	961	3.97	43	24	8	39	51	19	17	21	60	.48	.090	39	61	.88	183	.09	38	1.84	.06	.13	13	52

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
71SD-324	11	11	20	73	.2	2	1	293	6.00	10	5	ND	10	4	1	6	2	9	.05	.057	40	8	.06	35	.12	3	5.32	.06	.05	1	4
71SD-325	11	15	19	73	.7	9	1	280	7.75	16	6	ND	7	4	1	2	2	12	.04	.069	28	16	.06	29	.13	2	3.26	.06	.06	1	6
71SD-326	12	41	71	99	1.0	2	1	282	8.74	143	5	ND	15	2	1	2	2	42	.02	.074	23	11	.08	37	.14	2	6.16	.06	.07	1	3
71SD-327	23	86	22	69	.3	3	7	631	13.05	34	5	ND	5	6	1	2	2	277	.08	.067	14	15	.33	31	.56	5	3.81	.04	.03	1	4
71SD-328	10	43	27	85	.1	8	4	256	14.06	28	5	ND	8	5	1	2	2	104	.02	.048	19	78	.22	55	.16	15	3.48	.03	.06	1	1
71SD-329	11	27	35	107	.2	4	4	231	11.22	40	5	ND	6	4	1	2	2	94	.03	.045	19	21	.12	32	.14	14	3.34	.02	.05	1	4
71SD-330	10	9	19	63	.5	1	1	174	8.09	9	5	ND	7	3	1	2	2	38	.02	.043	32	9	.05	20	.31	2	2.27	.03	.04	1	1
71SD-331	11	8	31	41	1.3	3	1	90	6.71	11	5	ND	6	5	1	2	2	61	.06	.039	27	7	.04	20	.32	2	1.12	.02	.03	1	1
71SD-332	10	12	31	95	.7	5	2	209	12.51	5	5	ND	10	5	1	2	2	33	.04	.048	25	12	.07	34	.26	3	2.49	.04	.05	1	1
71SD-333	11	41	53	101	.5	7	5	549	18.27	42	5	ND	5	5	1	4	2	171	.03	.067	12	51	.22	44	.14	7	2.85	.02	.03	1	3
71SD-334	16	17	27	87	.7	2	2	276	17.16	4	5	ND	20	1	1	3	2	25	.02	.044	30	11	.07	7	.32	5	3.32	.06	.08	2	1
71SD-335	15	339	21	109	.3	7	19	1588	13.46	27	5	ND	1	6	1	7	2	155	.10	.116	4	16	1.60	50	.16	6	2.87	.04	.04	1	3
71SD-336	19	282	93	220	.6	20	36	2233	9.67	1021	9	ND	1	14	1	6	2	162	.25	.070	6	19	2.33	367	.10	10	3.16	.05	.06	1	75
71SD-337	107	163	27	128	.1	8	16	1054	11.18	109	5	ND	12	5	1	7	2	65	.12	.082	26	8	.41	46	.15	5	4.75	.06	.08	1	23
71SD-338	20	69	18	83	.2	3	3	410	8.16	36	5	ND	5	3	1	2	2	45	.03	.088	24	8	.11	26	.17	4	5.19	.04	.06	1	1
71SD-339	24	36	32	79	.7	12	3	361	5.93	155	5	ND	2	6	1	8	2	462	.04	.089	21	15	.20	34	.06	3	1.80	.03	.06	1	2
71SD-340	23	13	23	98	.1	2	2	386	8.36	100	5	ND	22	2	1	2	2	13	.03	.044	34	9	.06	18	.18	2	4.56	.10	.06	1	2
71SD-341	41	151	85	822	.7	39	19	3453	6.41	1411	27	ND	3	19	11	10	2	85	.42	.139	46	18	.48	252	.04	4	3.26	.04	.08	1	3
71SD-342	10	26	25	114	.6	4	3	401	6.39	47	5	ND	10	3	1	2	2	21	.04	.083	37	9	.11	30	.18	13	5.21	.07	.06	1	4
71SD-344	15	79	127	198	1.0	13	7	540	7.42	748	5	ND	12	9	1	20	2	57	.14	.073	31	11	.35	110	.16	7	3.76	.08	.07	1	6
71SD-345	14	13	26	72	.1	2	1	188	9.33	32	5	ND	21	3	1	6	2	32	.02	.020	18	12	.07	14	.36	2	2.71	.08	.07	1	3
71SD-346	35	19	30	928	.4	54	2	505	4.75	2611	16	ND	19	46	4	9	2	43	.76	.042	67	8	.13	227	.16	3	3.51	.05	.11	1	1
71SD-347	12	202	155	440	1.6	31	27	2290	7.68	1032	5	ND	4	8	2	17	2	150	.14	.074	20	22	.67	145	.06	17	2.34	.03	.10	1	92
71SD-348	10	23	26	82	.1	2	2	245	12.79	30	5	ND	27	3	1	4	2	26	.02	.056	20	12	.09	22	.20	5	5.72	.05	.06	1	3
71SD-349	8	33	30	101	.2	4	3	289	8.60	56	5	ND	14	5	1	3	2	66	.04	.042	17	13	.23	44	.07	4	4.36	.04	.07	1	6
71SD-350	5	24	14	62	.7	4	4	361	6.08	49	5	ND	4	7	1	3	2	82	.06	.072	14	10	.30	37	.08	3	2.56	.02	.06	1	1
71SD-351	32	180	50	612	.4	55	13	2182	5.42	615	9	ND	2	13	6	7	2	146	.15	.106	30	19	.50	178	.05	5	2.48	.04	.09	1	5
71SD-352	33	108	49	215	.9	16	9	1039	6.26	662	5	ND	2	5	1	9	2	81	.11	.199	7	7	.20	45	.01	11	1.87	.02	.05	1	3
71SD-353	31	39	17	132	.2	31	4	1145	3.09	279	8	ND	1	3	1	7	2	102	.06	.090	8	8	.14	29	.01	3	.90	.01	.05	1	3
71SD-354	19	14	19	66	.4	3	1	187	12.30	32	5	ND	10	2	1	2	2	42	.01	.029	23	5	.06	13	.27	2	2.19	.03	.05	1	2
71SD-355	9	28	35	77	5.5	3	2	243	7.77	1379	5	ND	3	4	1	2	2	114	.02	.060	16	5	.11	41	.08	4	1.92	.02	.06	1	2
71SD-356	5	29	5	29	.6	3	2	190	1.68	75	5	ND	1	2	1	6	2	36	.01	.033	3	3	.14	13	.01	2	.70	.01	.02	5	4
71SD-357	22	68	14	76	1.4	16	5	499	5.23	359	7	ND	2	4	1	2	2	239	.03	.101	8	17	.34	33	.02	2	2.17	.02	.05	1	4
71SD-358	35	81	110	209	1.2	14	7	692	9.61	478	5	ND	11	6	1	8	2	140	.08	.072	27	13	.29	59	.17	3	3.66	.06	.07	1	7
STD C/AU-S	19	62	42	133	7.3	69	28	1028	3.93	38	19	7	40	52	20	17	21	62	.48	.097	40	61	.88	181	.09	35	1.83	.07	.14	12	48

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

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-2 SOIL P3-SOIL/SILT AU* ANALYSIS BY GA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JUL 20 1987 DATE REPORT MAILED: July 25/87 ASSAYER. D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
71AK019	8	19	22	55	.9	2	1	193	8.44	15	5	ND	9	2	1	2	4	10	.02	.036	23	5	.04	14	.13	2	4.32	.03	.03	1	2
71AK020	13	17	36	59	.7	2	1	155	11.90	22	7	ND	7	1	1	2	4	40	.02	.034	20	6	.05	10	.25	2	1.92	.02	.04	1	1
71AK021	6	132	179	595	.9	22	28	1302	6.24	492	5	ND	2	6	2	6	2	72	.11	.054	14	16	.70	87	.04	4	3.70	.01	.04	1	5
71AK022	13	22	53	112	.7	3	2	319	14.21	30	8	ND	29	1	1	10	3	12	.02	.026	31	10	.09	13	.19	2	3.92	.03	.06	2	1
71AK023	40	25	32	148	.6	4	5	320	9.43	154	5	ND	6	3	1	6	5	65	.03	.041	18	6	.14	34	.16	3	2.47	.01	.05	1	2
71AK024	20	18	25	117	.9	2	3	372	11.25	39	5	ND	6	8	1	2	4	42	.17	.104	26	5	.07	110	.25	2	1.59	.02	.05	1	1
71AK025	10	32	35	158	.8	6	2	207	6.02	194	5	ND	5	4	1	3	3	23	.05	.061	25	3	.10	82	.10	2	4.44	.02	.03	1	2
71AK026	15	236	111	1456	1.2	34	21	2910	6.75	874	5	ND	3	22	6	9	2	58	.72	.117	46	16	.47	189	.04	5	3.32	.01	.06	1	4
71AK027	17	630	111	1459	.9	28	23	3104	6.43	758	5	ND	2	27	7	10	5	61	.73	.138	99	18	.44	187	.04	5	2.76	.01	.06	1	2
71AK028	10	25	35	102	.5	3	2	371	11.87	30	8	ND	9	3	1	4	6	16	.05	.025	34	6	.10	27	.17	2	2.29	.04	.06	1	1
71AK029	5	46	43	153	.4	6	6	306	7.02	97	5	ND	4	5	1	3	2	87	.06	.027	11	16	.38	48	.06	4	4.44	.02	.04	1	3
71AK030	7	13	27	58	.7	3	1	158	9.17	27	5	ND	11	2	1	2	4	22	.02	.040	20	7	.05	26	.17	2	4.36	.03	.04	1	1
71AK031	8	18	34	73	.6	2	1	184	8.54	32	5	ND	12	1	1	2	5	17	.02	.040	24	10	.06	16	.16	2	4.20	.02	.04	1	1
71AK032	9	46	23	101	2.4	3	1	192	7.91	23	5	ND	12	2	2	2	3	11	.03	.046	31	6	.04	26	.14	2	4.77	.04	.05	1	1
71AK033	7	50	59	128	.7	8	7	619	9.89	137	5	ND	7	3	1	4	4	43	.04	.051	15	11	.29	27	.09	3	3.48	.02	.04	1	2
71AK034	9	17	29	54	.8	2	1	173	9.25	27	5	ND	10	1	1	2	6	22	.01	.043	19	9	.05	9	.22	2	3.32	.02	.04	1	3
71AK035	6	40	45	51	.9	4	3	214	9.20	89	5	ND	3	2	1	2	2	88	.02	.073	8	39	.12	21	.08	3	6.37	.01	.01	1	1
71AK036	7	29	62	93	.7	4	4	414	10.96	175	5	ND	11	2	1	3	2	43	.03	.056	18	13	.15	18	.10	2	3.89	.03	.03	1	2
71AK037	9	18	37	48	1.1	1	2	179	9.94	15	5	ND	7	2	1	6	8	40	.01	.037	22	5	.08	11	.24	5	1.63	.02	.03	1	1
71AK038	9	29	55	69	1.4	2	1	205	8.17	43	5	ND	13	1	1	2	2	26	.01	.050	21	7	.06	9	.21	2	4.81	.03	.05	1	1
71AK039	4	54	69	150	.6	11	8	493	6.47	125	5	ND	7	4	1	4	2	59	.08	.053	8	18	.48	38	.05	4	4.48	.02	.03	1	3
71AK040	6	23	28	69	.7	2	1	200	7.28	36	5	ND	16	1	1	4	2	14	.02	.067	18	8	.07	21	.09	2	6.38	.04	.05	1	1
71AK041	7	39	53	80	.9	4	2	200	7.16	60	5	ND	4	2	1	3	2	48	.02	.079	17	15	.10	25	.09	3	4.29	.02	.05	2	2
71AK042	8	50	74	95	1.1	4	4	653	11.85	203	5	ND	6	4	1	4	3	83	.04	.149	15	13	.15	29	.09	2	4.53	.02	.05	1	4
71AK043	5	26	27	86	.3	4	5	441	6.58	50	5	ND	2	3	1	2	2	52	.03	.043	15	7	.18	72	.03	3	2.34	.02	.03	1	8
71AK044	7	84	38	92	.9	4	5	211	10.45	62	5	ND	4	2	1	6	2	105	.02	.061	9	9	.32	43	.02	7	2.85	.02	.05	1	1
71AK045	11	23	36	96	.3	3	3	171	10.30	53	5	ND	6	3	1	4	2	78	.02	.036	23	13	.17	24	.18	2	2.44	.01	.02	1	1
71AK046	8	34	35	79	.8	3	4	181	11.83	157	5	ND	4	3	1	3	2	169	.02	.043	13	12	.18	24	.10	2	2.14	.01	.04	1	1
71AK047	8	42	98	113	2.6	4	4	257	11.79	551	5	ND	1	2	1	5	2	162	.02	.070	6	9	.21	49	.04	2	2.35	.01	.04	1	1
71AK048	9	17	17	93	.9	3	2	360	6.06	19	5	ND	16	3	1	2	2	3	.05	.054	30	7	.05	77	.07	3	6.24	.05	.05	2	1
71AK049	12	26	35	107	.4	3	2	335	9.78	54	5	ND	15	7	1	3	2	34	.29	.048	31	8	.10	44	.16	2	3.47	.03	.06	1	3
71AK050	47	29	36	130	1.6	2	1	235	7.72	29	5	ND	6	3	1	2	2	20	.09	.062	33	8	.04	46	.13	4	5.02	.06	.05	3	24
71AK051	4	67	72	54	1.5	4	5	234	8.56	49	5	ND	1	10	1	2	2	142	.19	.083	6	6	.21	39	.10	4	4.62	.01	.02	1	1
71AK052	3	106	278	189	.9	5	16	513	11.07	191	5	ND	2	9	1	2	2	124	.12	.075	5	5	.40	52	.06	2	6.47	.01	.02	1	1
71AK053	6	65	43	257	.9	11	7	536	5.50	133	5	ND	7	4	1	2	2	46	.05	.059	13	14	.23	44	.04	3	6.55	.02	.04	1	2
71AK054	8	25	40	84	3.2	6	4	220	16.33	55	5	ND	6	2	1	2	2	68	.02	.037	16	9	.18	25	.15	2	2.48	.02	.03	1	1
STD C/AU-S	18	59	37	124	6.9	64	28	921	4.12	42	18	8	32	46	17	15	22	55	.51	.088	37	52	.93	167	.08	33	1.81	.05	.15	13	53

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
71AK055	7	56	31	168	.1	9	5	253	5.23	122	6	ND	9	3	1	6	2	67	.05	.029	10	13	.27	37	.04	5	3.35	.02	.04	1	10
71AK058	9	239	215	544	1.9	53	42	1902	9.06	1236	5	ND	6	10	4	46	2	79	.28	.077	18	24	.73	259	.06	6	2.27	.03	.06	1	42
71AK059	6	22	25	78	.2	3	2	213	9.69	83	5	ND	24	4	1	5	2	16	.05	.037	16	7	.06	20	.14	2	4.27	.06	.04	1	1
71AK060	10	13	21	74	.8	1	1	177	11.47	20	5	ND	16	1	1	10	2	20	.04	.056	19	11	.06	11	.18	2	3.12	.04	.04	1	2
71AK061	9	20	12	68	.3	1	1	138	7.64	24	5	ND	20	1	1	2	2	14	.02	.043	18	8	.05	11	.18	2	3.57	.04	.05	1	3
71AK062	10	12	13	60	1.1	1	1	94	7.45	35	5	ND	16	2	1	3	2	25	.02	.036	15	9	.05	11	.22	2	3.68	.03	.04	1	4
71AK063	27	356	99	404	1.5	36	51	3400	16.92	410	5	ND	3	10	2	10	2	77	.43	.083	14	5	.47	252	.01	2	1.50	.01	.04	1	45
71AK064	103	598	25	176	.3	24	75	2442	18.92	328	7	ND	3	4	1	16	2	134	.07	.101	7	13	.98	46	.06	2	3.17	.03	.04	1	82
71AK065	255	598	33	368	.4	43	59	2838	22.26	312	5	ND	2	3	3	22	3	124	.04	.080	8	1	.46	283	.01	2	1.84	.01	.04	1	15
71AK066	14	19	21	67	.2	1	2	162	12.50	24	5	ND	16	1	1	8	3	20	.01	.040	27	10	.05	17	.21	2	3.70	.03	.04	1	2
71AK067	5	554	26	143	2.2	20	53	1959	5.87	1231	5	ND	1	17	1	15	3	53	1.34	.064	6	6	.43	270	.01	6	1.52	.01	.05	1	118
71AK068	7	956	46	181	1.9	13	51	1666	7.98	752	5	ND	2	25	1	35	2	65	1.45	.118	15	7	.42	138	.03	6	2.48	.01	.05	1	12
71SD247	9	29	18	81	.6	2	2	342	7.27	41	5	ND	12	2	1	12	3	21	.05	.059	18	13	.05	34	.09	4	5.73	.03	.04	4	1
71SD248	11	27	32	66	.2	3	3	273	9.92	97	5	ND	5	3	1	5	3	74	.04	.058	16	10	.15	20	.17	5	2.68	.01	.02	1	2
71SD249	10	16	24	57	.2	1	2	299	14.69	10	5	ND	8	1	1	4	2	36	.01	.040	19	5	.05	8	.19	2	2.12	.03	.04	1	1
71SD250	5	27	37	83	.4	3	3	114	5.69	108	5	ND	1	4	1	4	2	113	.04	.046	4	8	.21	31	.03	5	1.68	.01	.02	1	1
71SD251	4	37	44	90	1.3	5	4	183	7.69	73	5	ND	5	4	1	2	2	73	.04	.058	6	21	.29	39	.06	4	4.38	.01	.03	1	1
71SD252	9	66	27	75	.8	6	3	201	6.46	108	5	ND	5	5	1	7	2	40	.06	.054	16	22	.13	27	.07	4	4.69	.02	.03	3	1
71SD253	10	27	69	81	.7	4	2	206	10.96	53	5	ND	8	5	1	4	2	30	.08	.060	22	24	.05	54	.15	3	2.74	.03	.06	1	1
71SD254	8	35	23	79	.7	4	3	156	7.04	43	5	ND	7	4	1	4	2	59	.04	.038	14	14	.23	45	.12	6	3.30	.02	.04	1	1
71SD255	7	96	9	37	.7	5	7	273	8.71	30	5	ND	1	3	1	7	2	228	.04	.059	4	12	.15	49	.02	11	1.89	.01	.04	2	1
71SD256	7	9	21	25	.8	2	1	47	5.76	9	5	ND	3	2	1	3	2	33	.01	.032	19	5	.03	13	.25	3	1.12	.01	.02	1	2
71SD257	4	38	10	35	1.3	1	5	1243	4.34	11	5	ND	1	8	1	2	2	145	.25	.044	3	4	.18	25	.16	2	1.71	.01	.04	1	1
71SD258	7	19	27	51	.4	3	3	213	6.79	31	5	ND	2	4	1	2	2	176	.04	.030	9	5	.19	29	.17	4	2.17	.01	.02	1	1
71SD259	13	13	23	69	.7	1	2	306	12.83	10	5	ND	7	3	1	6	2	40	.04	.055	23	5	.07	16	.24	2	1.75	.03	.03	1	1
71SD260	9	33	31	112	1.1	4	5	410	5.00	80	5	ND	15	2	1	7	2	21	.04	.042	34	5	.15	21	.07	3	4.79	.04	.03	3	1
71SD261	18	25	161	309	4.7	5	4	1717	6.44	129	5	ND	7	6	1	7	2	31	.12	.052	45	6	.09	31	.25	5	2.24	.04	.06	1	2
71SD262	16	44	31	89	.6	4	5	588	9.29	51	5	ND	8	4	1	4	2	46	.06	.056	26	10	.11	29	.19	3	1.80	.02	.04	1	1
71SD263	10	27	62	64	.7	2	2	161	12.91	29	5	ND	7	4	1	10	2	48	.01	.043	21	13	.06	11	.15	2	1.97	.02	.03	1	1
71SD264	8	41	50	129	1.7	5	5	187	9.75	140	5	ND	3	3	1	6	2	134	.02	.056	5	16	.23	28	.04	5	3.79	.01	.02	2	1
71SD265	8	5	24	30	.5	1	1	112	4.24	14	5	ND	4	2	1	2	2	46	.01	.034	20	4	.04	17	.16	3	1.15	.02	.03	1	1
71SD266	12	11	21	43	.3	2	1	101	5.57	26	5	ND	8	3	1	4	2	49	.02	.055	25	9	.06	14	.22	3	1.44	.02	.05	1	2
71SD267	9	36	47	99	.4	3	5	236	9.65	106	5	ND	4	4	1	2	2	142	.04	.050	7	18	.22	30	.06	4	3.76	.01	.02	1	3
71SD267A	3	16	3	24	3.6	3	3	65	1.55	6	5	ND	1	10	1	2	2	41	.12	.058	2	13	.21	38	.05	3	.81	.02	.05	1	13
71SD268	9	76	17	58	.9	7	8	377	10.82	25	5	ND	2	5	1	5	2	399	.05	.040	3	38	.54	36	.13	3	2.57	.02	.03	2	1
71SD269	11	31	21	72	1.1	2	1	125	7.99	28	5	ND	9	3	1	6	2	46	.02	.051	13	11	.05	34	.06	4	5.20	.03	.02	6	2
71SD270	11	63	29	100	1.1	6	6	433	9.73	58	5	ND	3	6	1	5	2	76	.05	.058	10	14	.22	98	.03	5	2.25	.01	.04	1	1
STD C/AU-S	20	57	39	131	7.2	67	26	870	4.05	38	21	7	37	46	18	17	18	61	.49	.083	35	56	.91	175	.08	33	1.77	.05	.11	12	46

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
71SD271	2	93	34	95	.4	5	9	422	16.74	17	6	ND	1	9	1	2	2	107	.11	.070	4	25	.35	45	.01	4	2.57	.01	.03	1	5
71SD272	11	22	18	96	.6	3	3	373	6.43	24	5	ND	14	5	1	2	2	34	.08	.033	34	10	.09	58	.21	5	3.70	.05	.05	1	1
71SD273	13	36	21	211	.4	6	7	2717	3.91	60	5	ND	2	19	1	2	2	80	.51	.043	15	11	.12	251	.13	5	1.03	.01	.05	1	2
71SD274	3	68	39	150	.2	7	6	437	6.14	177	5	ND	2	4	1	2	2	74	.05	.049	11	18	.29	48	.04	6	3.47	.02	.04	1	41
71SD275	3	46	28	102	.7	6	5	465	6.91	103	5	ND	2	11	1	2	2	65	.11	.061	8	15	.26	54	.04	6	2.54	.01	.02	1	5
71SD276	12	79	41	637	.4	8	6	2462	5.43	406	5	ND	4	12	2	6	2	32	.44	.066	27	9	.09	75	.10	4	2.90	.02	.04	1	3
71SD277	13	175	32	1496	1.3	36	7	1499	3.75	387	5	ND	2	38	10	9	2	44	1.60	.072	29	9	.19	124	.04	6	1.55	.01	.05	1	1
71SD278	26	53	41	278	.7	6	4	250	5.10	114	5	ND	1	7	1	2	2	100	.10	.066	13	10	.21	51	.02	4	1.74	.01	.06	1	1
71SD279	21	21	42	91	.1	5	3	264	8.38	137	5	ND	1	7	1	4	2	184	.20	.121	9	13	.20	59	.10	6	1.38	.01	.04	1	2
71SD280	24	19	21	144	.7	7	4	940	6.13	40	5	ND	4	15	1	2	2	31	.42	.048	27	10	.19	123	.10	4	1.57	.03	.06	1	5
71SD281	24	105	319	379	2.8	12	18	1218	7.41	2707	5	ND	3	19	2	17	2	84	.38	.093	16	17	.26	132	.02	7	3.29	.01	.02	1	490
71SD282	8	30	25	85	.7	4	3	298	5.70	58	5	ND	4	4	1	4	2	55	.05	.050	25	12	.18	27	.09	6	2.65	.02	.03	2	4
71SD283	9	12	28	49	.7	2	2	190	7.48	36	6	ND	4	4	1	2	2	59	.03	.097	19	6	.07	30	.23	4	1.13	.02	.03	1	1
71SD284	12	14	32	63	.6	2	2	198	15.03	16	7	ND	11	2	1	2	2	41	.01	.059	24	11	.05	15	.27	4	2.01	.03	.05	1	1
71SD285	3	38	40	104	.9	5	4	304	7.44	97	5	ND	3	6	1	2	2	64	.04	.069	7	16	.20	29	.04	4	3.80	.01	.02	1	2
71SD288	4	37	13	41	.5	2	5	165	8.10	165	5	ND	2	5	1	2	2	200	.04	.038	6	9	.16	23	.27	4	1.73	.02	.03	1	1
71SD289	6	19	24	71	.2	2	3	119	7.05	277	5	ND	2	3	1	15	2	154	.02	.034	9	8	.10	27	.04	6	1.54	.01	.02	2	1
71SD290	3	17	12	22	.1	2	2	300	1.68	54	5	ND	1	4	1	3	2	77	.03	.023	11	3	.06	31	.02	2	.76	.01	.02	1	2
71SD291	6	47	29	50	1.2	3	6	664	11.16	97	5	ND	1	6	1	2	2	319	.09	.090	3	5	.29	32	.17	5	1.93	.02	.04	1	1
71SD292	8	14	21	61	.7	2	1	460	7.05	26	5	ND	6	4	1	4	2	25	.03	.193	28	6	.05	30	.14	3	3.23	.03	.05	1	1
71SD293	9	10	27	46	.1	1	1	1089	6.77	18	5	ND	7	4	1	3	2	30	.04	.091	27	5	.04	40	.25	2	1.52	.02	.04	1	1
71SD294	7	14	15	57	1.7	2	2	1716	4.42	15	5	ND	7	2	1	2	2	18	.02	.067	31	8	.06	20	.19	3	2.72	.05	.06	1	1
71SD295	8	29	28	121	.9	3	4	592	6.58	55	5	ND	11	2	1	3	2	21	.04	.049	32	7	.11	23	.13	3	3.95	.05	.05	3	1
71SD296	4	19	10	36	.7	2	2	462	3.02	31	5	ND	1	5	1	2	2	58	.04	.059	16	8	.16	22	.05	2	1.39	.02	.03	2	1
71SD297	11	116	31	158	1.1	3	8	687	11.00	166	5	ND	4	6	1	2	2	44	2.11	.057	10	5	.16	27	.11	2	1.91	.01	.03	6	1
71SD298	8	7	23	19	.2	1	1	72	1.20	6	5	ND	3	5	1	6	2	28	.05	.015	16	5	.11	61	.25	2	.57	.03	.03	1	1
71SD299	11	10	23	63	.5	1	1	238	9.24	14	5	ND	14	3	1	5	2	23	.02	.039	27	5	.06	30	.20	3	2.29	.03	.05	2	1
71SD300	91	921	1330	4954	9.3	76	117	10025	18.65	2055	5	ND	4	8	64	160	4	65	.17	.109	42	4	.46	131	.01	5	2.34	.01	.05	1	58
71SD301	12	21	44	73	1.4	3	1	159	6.80	505	5	ND	5	4	1	7	2	75	.03	.042	28	3	.06	30	.19	2	.96	.02	.04	1	2
71SD303	5	68	87	149	1.2	4	4	487	8.51	129	5	ND	2	5	1	2	2	121	.04	.059	8	20	.21	48	.05	2	3.00	.01	.04	1	1
71SD305	8	9	35	48	.7	1	1	145	3.77	18	5	ND	6	2	1	5	2	44	.01	.016	24	4	.04	18	.42	2	1.21	.02	.05	1	1
71SD306	8	18	29	60	.3	5	2	113	12.23	10	5	ND	5	6	1	2	2	25	.03	.048	13	6	.04	42	.24	2	.88	.02	.03	1	1
71SD307	10	16	18	64	.6	3	2	136	9.23	22	5	ND	4	6	1	6	2	30	.06	.042	17	6	.04	44	.21	4	1.48	.02	.04	4	1
71SD311	7	16	10	98	.1	3	7	628	11.25	216	5	ND	2	2	1	6	2	45	.01	.040	6	2	.09	45	.01	3	1.48	.01	.05	1	1
71SD312	5	25	6	48	.1	5	10	642	7.89	131	5	ND	2	2	1	4	2	59	.04	.044	8	1	.10	24	.01	2	1.29	.01	.05	1	2
72AK056	22	414	148	931	6.3	93	41	1317	9.90	1185	5	ND	3	20	6	17	2	162	.57	.057	12	41	1.32	103	.06	10	2.02	.02	.08	1	50
72AK057	6	176	103	604	1.4	35	18	1289	5.22	530	5	ND	3	15	5	10	2	68	.27	.047	11	13	.62	230	.01	5	1.07	.01	.10	1	48
STD C/AU-S	20	61	40	133	7.3	72	28	1037	4.02	42	17	8	39	52	19	16	20	60	.50	.092	39	59	.90	180	.09	34	1.74	.06	.14	13	54

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

GEOCHEMICAL ICP ANALYSIS

Andri's' copy.

.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 AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-2 SOIL P3-SILT AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JULY 14 1987 DATE REPORT MAILED: July 21/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

GULF INTERNATIONAL File # 87-2423 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
71 SD 202	7	40	39	170	.7	6	9	827	5.84	122	5	ND	7	9	1	7	2	39	.19	.056	27	4	.27	56	.13	3	3.21	.05	.05	1	6
71 SD 203	6	77	94	339	.9	10	15	825	5.96	456	5	ND	5	7	1	7	2	86	.15	.068	29	12	.58	113	.05	4	3.14	.04	.06	1	8
71 SD 204	4	70	87	761	.1	12	13	1074	5.71	375	5	ND	10	7	3	12	2	53	.14	.047	44	4	.50	317	.10	3	2.84	.09	.09	1	4
71 SD 205	4	68	89	597	.1	22	22	1641	6.15	534	5	ND	3	13	5	14	2	99	.31	.059	15	12	.83	122	.08	11	1.69	.04	.05	1	1
71 SD 206	2	35	21	124	.1	11	12	814	4.80	70	8	ND	1	14	1	3	2	80	.29	.071	12	13	.85	211	.07	6	1.28	.02	.05	1	6
71 SD 207	8	147	125	617	.1	20	27	1659	7.10	544	5	ND	4	9	2	9	2	81	.15	.053	17	10	.80	227	.03	8	2.01	.03	.08	1	13
71 SD 208	7	113	96	740	.1	17	22	2820	6.86	524	8	ND	3	9	3	5	2	75	.14	.062	18	4	.72	211	.03	14	1.68	.02	.06	1	4
71 SD 209	9	14	41	60	.1	2	3	174	16.93	78	8	ND	9	3	1	5	2	64	.01	.037	24	13	.07	10	.38	2	2.31	.03	.03	1	2
71 SD 210	6	33	20	25	.1	3	6	132	7.86	460	6	ND	1	7	1	13	2	215	.13	.049	5	4	.26	20	.08	3	2.11	.02	.03	1	4
71 SD 211	17	153	107	318	1.4	12	20	633	10.63	343	5	ND	1	14	1	11	2	118	.19	.107	7	15	.86	95	.03	5	3.61	.02	.09	3	2
71 SD 212	6	35	31	68	.9	2	2	175	6.95	50	5	ND	10	3	1	8	4	52	.03	.042	30	10	.09	25	.19	2	4.01	.03	.03	3	1
71 SD 213	4	8	15	22	.3	2	2	111	1.74	22	5	ND	1	4	1	2	2	72	.02	.012	14	4	.07	44	.07	2	1.28	.01	.04	1	3
71 SD 214	6	22	23	306	3.7	8	3	1210	7.28	130	13	ND	11	18	2	13	4	16	.51	.108	68	6	.09	124	.11	2	4.78	.03	.07	1	4
71 SD 215	9	81	51	140	.1	13	14	724	9.51	110	5	ND	3	4	1	11	2	140	.04	.095	14	33	.60	66	.03	15	4.27	.03	.03	4	1
71 SD 216	67	56	38	730	.4	17	2	1005	5.89	580	5	ND	6	34	5	14	7	91	.89	.051	47	4	.07	335	.35	3	1.05	.01	.05	1	2
71 SD 217	27	24	27	86	.2	4	6	1357	5.92	50	5	ND	4	9	1	7	4	97	.10	.079	40	6	.21	80	.22	4	1.65	.02	.06	1	1
71 SD 218	20	9	39	81	.8	3	2	242	7.43	31	5	ND	5	4	1	3	5	47	.04	.132	27	4	.04	24	.29	3	1.71	.03	.05	2	2
71 SD 219	9	14	72	96	.6	4	4	345	8.90	139	5	ND	7	3	1	2	2	59	.04	.055	28	12	.13	24	.32	5	2.18	.02	.04	2	1
71 SD 220	12	9	48	78	.5	2	2	283	18.43	17	5	ND	18	1	1	2	2	16	.02	.047	28	10	.05	9	.26	3	2.74	.11	.07	5	2
71 SD 221	14	18	38	69	.9	4	2	213	10.17	145	5	ND	3	4	1	2	3	170	.05	.244	23	10	.07	49	.17	4	1.50	.02	.06	1	1
71 SD 222	7	13	16	101	.3	3	1	298	5.90	17	5	ND	14	2	1	3	4	9	.03	.052	29	8	.06	41	.10	2	6.24	.07	.07	1	1
71 SD 223	11	14	23	71	.1	4	2	243	8.09	23	7	ND	7	3	1	9	4	24	.03	.062	34	11	.04	19	.25	4	3.32	.05	.05	1	1
71 SD 224	8	33	37	85	.4	4	3	544	6.24	51	5	ND	5	3	1	7	7	32	.06	.156	25	10	.08	28	.11	4	4.25	.05	.04	3	1
71 SD 225	4	34	20	70	.3	6	5	632	5.34	40	5	ND	2	5	1	5	2	43	.05	.064	19	11	.34	78	.01	3	2.74	.03	.06	1	2
71 SD 230	10	18	33	137	.5	3	2	188	6.58	66	5	ND	8	3	1	3	6	47	.03	.038	35	6	.07	31	.24	3	2.06	.03	.03	2	2
71 SD 231	7	13	46	59	.2	3	1	122	7.91	57	5	ND	7	2	1	2	5	29	.01	.034	21	2	.03	15	.25	2	1.14	.03	.03	1	1
71 SD 232	7	29	26	94	.1	5	4	167	8.28	116	5	ND	3	5	1	2	2	174	.03	.028	12	12	.21	41	.13	6	2.38	.02	.04	1	1
71 SD 233	3	27	11	45	.3	2	4	114	7.69	94	5	ND	1	7	1	14	3	162	.07	.052	5	6	.21	24	.26	6	3.73	.02	.02	3	1
71 SD 234	7	22	28	70	.3	3	1	154	7.84	37	5	ND	13	2	1	2	2	26	.01	.044	22	6	.05	15	.17	5	4.29	.03	.04	1	2
71 SD 235	7	7	26	58	.3	4	2	170	9.38	28	5	ND	7	2	1	6	6	28	.01	.056	25	6	.03	10	.30	13	2.17	.03	.04	4	1
71 SD 236	6	7	24	63	.7	3	2	176	8.13	10	5	ND	7	2	1	2	7	21	.01	.054	22	4	.04	12	.24	5	2.68	.04	.04	3	1
71 SD 237	5	26	57	111	.1	6	5	376	10.55	82	5	ND	5	5	1	2	2	60	.06	.057	12	6	.29	31	.10	5	2.33	.02	.03	1	4
71 SD 238	6	24	23	70	.7	3	2	153	6.94	36	5	ND	6	3	1	2	2	36	.02	.037	18	4	.12	21	.14	3	2.78	.03	.04	1	1
71 SD 239	7	11	23	66	.4	3	1	133	6.17	25	5	ND	8	2	1	4	3	23	.01	.058	22	10	.04	16	.17	6	3.50	.03	.03	1	3
71 SD 240	6	13	21	109	.2	4	3	463	7.03	56	5	ND	5	4	1	9	2	23	.03	.070	20	6	.09	37	.11	4	3.63	.03	.04	1	1
STD C/AU-S	18	55	41	128	6.9	68	28	950	3.96	42	20	6	33	48	18	15	20	57	.48	.092	38	50	.89	174	.09	32	1.74	.06	.14	12	47

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
71 TA 036	4	96	115	363	.5	21	21	1449	7.07	271	5	ND	4	8	1	2	2	75	.11	.047	14	12	.76	73	.09	7	2.37	.03	.05	1	31
71 TA 037	6	37	96	415	1.0	6	8	1006	6.23	143	5	ND	4	4	2	2	2	40	.09	.056	28	7	.16	56	.12	3	2.49	.06	.06	2	5
71 TA 038	7	57	90	510	.3	6	11	909	7.15	301	5	ND	5	6	2	2	4	52	.13	.056	37	7	.32	61	.11	7	3.31	.04	.07	1	1
71 TA 039	5	198	137	869	.8	13	21	860	7.85	351	5	ND	1	4	1	11	2	75	.09	.037	15	10	.72	67	.04	7	2.42	.04	.05	1	6
71 TA 040	9	128	129	778	.4	25	21	794	8.78	494	5	ND	3	7	2	5	2	94	.21	.048	16	17	.81	115	.03	9	2.53	.02	.05	1	11
71 TA 041	16	189	101	535	.8	43	17	506	6.30	177	5	ND	3	4	1	2	2	128	.07	.036	10	12	.61	40	.02	8	2.13	.02	.04	1	10
71 TA 042	23	196	46	490	.1	173	18	1699	5.28	140	5	ND	2	8	2	9	3	485	.22	.034	14	12	.72	155	.02	6	1.43	.02	.07	1	38
71 TA 043	4	80	170	624	.5	7	13	818	12.66	173	5	ND	1	3	1	2	2	126	.04	.063	6	7	.42	66	.02	7	3.05	.02	.02	1	17
71 TA 044	3	58	100	310	1.9	6	8	811	6.23	98	5	ND	1	6	1	2	3	96	.13	.082	5	7	.27	102	.02	4	2.44	.01	.04	1	1
71 TA 045	5	74	95	297	1.0	8	13	1138	6.77	185	5	ND	2	5	1	3	2	66	.09	.058	16	8	.48	55	.07	5	2.95	.04	.05	1	3
71 TA 046	7	136	180	906	1.4	16	26	2468	9.51	425	5	ND	2	11	3	9	2	75	.30	.066	22	12	.52	139	.04	8	2.79	.02	.05	1	3
71 TA 047	4	120	119	521	.7	16	22	2016	7.61	236	5	ND	5	5	2	2	2	67	.13	.050	21	8	.66	90	.04	9	2.13	.03	.08	1	5
71 TA 048	19	206	128	520	.4	40	31	2303	7.77	401	5	ND	3	5	1	9	3	144	.09	.044	18	12	.89	85	.03	9	1.98	.03	.05	1	4
71 TA 049	5	157	151	527	.5	14	29	2195	7.84	262	5	ND	2	6	1	8	2	84	.11	.048	13	10	.85	78	.04	6	2.38	.02	.07	1	3
71 TA 050	11	107	91	400	.4	48	20	1371	6.36	161	5	ND	5	5	1	3	2	157	.13	.042	16	10	.57	71	.04	7	2.36	.05	.07	1	1
71 TA 051	11	158	114	453	.6	54	25	1536	6.02	216	5	ND	1	5	2	7	2	164	.12	.049	11	10	.79	79	.03	7	1.57	.02	.06	1	12
71 TA 060	8	79	30	611	.1	23	15	1190	5.44	178	5	ND	1	25	4	8	2	75	.75	.049	14	19	.85	186	.07	7	1.79	.01	.05	1	1
71 MS 026	11	20	30	83	1.1	3	3	653	8.50	88	5	ND	2	8	1	2	2	85	.09	.069	17	8	.14	36	.20	6	1.30	.04	.07	2	1
71 MS 027	9	24	46	123	.3	7	6	370	9.99	128	5	ND	3	3	1	2	2	177	.04	.033	17	12	.35	39	.10	6	2.19	.02	.02	1	1
71 MS 028	9	6	25	45	.5	4	1	147	8.47	21	5	ND	5	2	1	2	4	30	.01	.030	22	4	.04	17	.29	4	1.08	.02	.03	4	1
71 MS 029	10	17	33	97	.6	2	2	198	6.04	67	5	ND	3	4	1	2	2	70	.07	.034	31	2	.11	47	.16	4	1.40	.02	.07	1	2
71 MS 030	15	8	23	125	.8	2	2	333	12.87	10	5	ND	7	3	1	2	2	15	.05	.044	30	10	.06	20	.24	6	2.24	.04	.08	1	1
71 MS 031	8	11	19	69	.1	2	1	340	5.52	7	5	ND	9	2	1	2	3	15	.02	.041	27	6	.05	14	.26	2	2.82	.04	.07	1	2
71 MS 032	4	26	32	80	.2	6	4	457	8.67	45	5	ND	1	5	1	4	2	75	.07	.065	7	9	.25	28	.09	8	1.92	.02	.04	2	1
71 MS 033	3	101	57	463	.6	7	6	365	9.10	112	5	ND	3	5	1	21	2	93	.04	.033	8	11	.49	59	.03	7	2.79	.01	.03	1	1
71 MS 034	6	31	24	71	.4	3	3	183	11.40	90	5	ND	2	3	1	2	2	190	.02	.034	10	15	.21	22	.10	4	2.24	.02	.02	2	1
71 MS 035	7	10	26	53	.2	3	1	159	10.00	6	5	ND	11	3	1	2	2	14	.04	.047	21	5	.05	12	.19	6	2.70	.05	.04	1	1
71 MS 036	9	29	26	35	.4	1	4	105	9.73	13	5	ND	3	4	1	2	2	139	.10	.028	15	5	.16	27	.43	5	2.08	.02	.02	1	1
71 MS 037	6	129	29	92	.3	8	13	813	10.51	151	5	ND	1	4	1	2	2	138	.07	.084	6	21	.42	33	.13	10	5.63	.02	.01	1	3
71 MS 038	11	38	43	251	.5	4	5	414	6.48	174	5	ND	6	3	1	2	2	55	.04	.051	18	5	.24	33	.14	5	3.46	.02	.04	1	1
71 MS 040	10	11	24	66	.3	4	1	238	8.68	19	5	ND	10	2	1	2	2	18	.02	.039	28	3	.07	22	.20	4	3.23	.04	.06	1	1
71 MS 041	9	25	43	117	1.6	6	3	444	9.19	26	5	ND	12	2	1	2	2	18	.03	.048	52	7	.07	14	.20	4	4.23	.05	.04	1	1
STD C/AU-S	19	57	35	127	7.0	66	28	934	4.21	42	17	7	32	47	18	17	22	56	.51	.089	38	52	.95	173	.09	34	1.79	.06	.13	12	51

-40 MESH, PULVERIZED

GULF INTERNATIONAL FILE # 87-2423

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
72 TA 028	5	71	36	880	.8	28	14	858	5.22	190	7	ND	4	39	5	6	3	83	.49	.062	13	14	1.49	547	.06	9	1.95	.05	.13	2	6
72 TA 029	12	148	80	2136	1.3	137	17	840	5.04	234	5	ND	5	25	9	5	2	134	.74	.100	11	22	.87	187	.02	7	1.54	.02	.11	7	5
72 TA 030	3	148	70	753	2.2	33	20	847	5.71	152	5	ND	3	21	3	14	2	95	.50	.051	6	29	1.72	334	.05	7	2.20	.03	.08	5	1
72 TA 031	2	162	72	650	1.4	27	28	1170	6.51	202	5	ND	3	15	3	15	2	97	.38	.045	7	24	1.73	249	.04	8	2.32	.03	.07	1	1
72 TA 033	2	181	85	830	1.2	27	28	1411	6.46	281	5	ND	3	15	4	7	2	105	.35	.041	7	27	1.79	240	.04	6	2.49	.04	.10	3	2
72 TA 034	1	125	46	450	.7	22	21	1004	5.73	73	7	ND	3	16	2	2	2	92	.50	.039	6	24	1.87	204	.07	6	2.45	.03	.08	1	1
72 TA 035	2	66	49	317	.2	29	16	872	5.31	148	5	ND	2	17	1	5	2	100	.43	.037	8	35	1.51	117	.09	6	2.08	.05	.09	2	1
72 TA 054	3	99	130	413	2.9	31	21	953	5.63	135	8	ND	3	18	1	2	2	92	.37	.049	9	29	1.36	255	.08	5	2.12	.03	.08	3	2
72 TA 055	3	75	22	249	.6	20	13	711	5.11	66	7	ND	3	16	1	2	2	97	.47	.057	8	17	1.39	127	.08	4	1.90	.03	.09	2	2
72 TA 056	3	86	90	551	1.6	28	20	1021	5.51	139	5	ND	2	16	2	5	2	81	.48	.046	8	21	1.19	178	.06	4	1.94	.04	.11	1	1
72 TA 058	3	116	23	253	.4	42	25	1167	6.15	155	5	ND	4	25	1	2	2	91	.82	.044	10	30	1.39	302	.05	5	2.13	.03	.12	1	2
72 TA 059	2	88	42	272	.6	35	19	1015	5.78	121	7	ND	2	20	1	2	2	93	.60	.047	7	35	1.46	225	.07	11	2.08	.02	.09	1	2
72 AK 011	2	123	62	483	1.3	21	21	1021	5.39	92	6	ND	2	16	2	2	2	81	.35	.044	8	21	1.42	233	.05	8	2.06	.04	.10	4	1
72 AK 012	7	261	786	6662	3.1	82	93	3919	9.25	488	5	ND	2	15	35	20	2	102	.45	.066	20	19	1.21	345	.01	6	2.47	.03	.12	7	6
72 AK 014	4	349	272	1933	2.9	36	46	2078	8.02	437	5	ND	3	16	8	21	2	89	.36	.051	13	12	1.29	316	.02	6	2.18	.03	.10	6	5
72 AK 016	4	665	237	2097	7.0	35	56	1936	6.43	866	7	ND	3	17	10	62	2	75	.47	.049	10	15	.83	226	.01	9	1.78	.02	.08	3	2
72 SD 227	4	258	155	1283	3.0	37	36	1602	7.33	518	5	ND	3	14	6	17	2	102	.29	.048	11	25	1.60	381	.04	8	2.58	.04	.12	1	2
72 SD 228	3	215	144	1177	2.0	38	41	2226	7.28	359	7	ND	2	12	6	16	2	99	.24	.052	13	29	1.51	332	.03	7	2.66	.04	.12	1	1
STD C/AU-S	19	64	42	125	7.6	67	28	939	4.06	42	16	8	34	48	18	15	20	57	.50	.088	38	52	.92	176	.09	36	1.79	.06	.12	12	48

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

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-7 SOIL P8-SILT AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JULY 8 1987 DATE REPORT MAILED: July 14/87 ASSAYER. D. Toye .DEAN TOYE, CERTIFIED B.C. ASSAYER

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
71 MS 001	5	183	50	137	.3	12	34	1129	7.44	270	7	ND	3	10	1	2	2	112	.24	.044	11	7	1.15	110	.09	2	2.16	.03	.09	1	3
71 MS 002	4	30	3	72	.2	3	8	981	4.40	231	5	ND	3	13	1	2	2	48	.14	.046	29	6	.28	86	.11	2	2.32	.03	.07	1	1
71 MS 003	2	95	23	93	.1	5	17	571	5.40	403	5	ND	3	7	1	2	2	71	.15	.055	11	6	.76	101	.06	6	1.60	.03	.12	2	3
71 MS 004	3	105	19	122	.2	12	20	1192	4.88	659	5	ND	3	24	1	5	2	65	.20	.044	17	9	.72	267	.04	8	1.65	.03	.14	2	21
71 MS 005	3	109	17	124	.1	10	23	1123	4.71	274	5	ND	3	13	1	2	2	70	.27	.045	13	7	.77	431	.05	15	1.60	.04	.16	2	31
71 MS 006	2	82	17	90	.3	5	19	734	4.48	269	5	ND	3	15	1	5	2	58	.28	.057	12	4	.60	286	.04	3	1.13	.03	.10	1	3
71 MS 007	2	105	20	113	.2	9	26	1169	5.08	287	5	ND	2	21	1	3	2	65	.34	.051	15	8	.75	394	.05	15	1.60	.03	.14	1	1
71 MS 008	1	77	12	102	.2	14	21	1064	4.84	198	7	ND	3	18	1	2	2	73	.32	.061	14	21	.84	505	.07	18	1.59	.04	.15	3	4
71 MS 009	1	51	16	66	.1	6	17	922	4.34	142	5	ND	2	26	1	2	2	58	.29	.054	10	7	.54	163	.06	4	1.02	.03	.07	1	11
71 MS 010	2	64	12	90	.1	6	16	777	4.69	152	5	ND	4	31	1	2	2	54	.29	.045	22	10	.46	337	.08	3	1.82	.04	.10	1	1
71 MS 011	1	55	11	83	.3	5	15	801	4.37	170	5	ND	2	29	1	2	2	60	.32	.074	14	6	.48	524	.06	2	1.04	.03	.08	1	131
71 MS 012	1	61	20	87	.3	3	16	799	4.55	185	5	ND	2	31	1	4	2	62	.28	.058	14	7	.52	386	.06	11	1.03	.02	.09	1	27
71 MS 013	2	84	19	116	.1	9	19	951	4.23	150	5	ND	4	14	1	2	2	56	.24	.058	14	7	.59	497	.05	11	1.29	.03	.15	1	9
71 MS 014	2	91	18	128	.2	6	19	985	4.28	176	5	ND	3	12	1	2	2	57	.22	.049	14	9	.65	313	.05	8	1.31	.03	.13	1	13
71 SD 003 P	2	40	7	43	.2	9	7	476	2.66	19	5	ND	3	19	1	2	2	26	.28	.037	11	11	.27	216	.03	2	.76	.06	.16	2	1
71 SD 004	1	34	11	41	.1	6	10	753	2.78	23	5	ND	3	9	1	2	2	31	.22	.040	11	9	.34	203	.06	8	.68	.03	.09	1	10
71 SD 005	2	25	11	34	.1	1	8	923	2.60	24	5	ND	3	6	1	2	3	20	.15	.040	12	6	.18	205	.01	2	.55	.02	.11	1	13
71 SD 006	2	26	7	34	.1	3	8	782	2.38	19	5	ND	3	6	1	2	2	24	.14	.035	11	6	.26	238	.02	3	.58	.02	.08	1	2
71 SD 007	2	43	4	52	.1	9	12	805	3.26	29	5	ND	2	13	1	2	2	32	.21	.037	13	14	.39	317	.07	2	.85	.05	.12	1	7
71 SD 008 P	1	44	3	84	.2	8	12	569	3.47	99	5	ND	2	18	1	2	2	49	.26	.038	10	8	.59	236	.06	7	1.04	.04	.11	1	8
71 SD 009	1	54	4	40	.2	12	10	741	3.00	16	7	ND	4	9	1	2	2	26	.18	.039	12	18	.23	393	.01	9	.67	.02	.12	2	10
71 SD 010	1	42	6	48	.1	6	9	367	2.90	31	5	ND	3	14	1	2	2	34	.24	.041	12	6	.34	199	.02	6	.72	.02	.09	1	10
71 SD 011	1	44	2	36	.1	9	8	384	2.38	14	5	ND	2	7	1	2	2	28	.15	.040	11	6	.29	217	.02	2	.65	.02	.10	2	14
71 SD 012	1	47	2	37	.1	1	9	1063	2.80	25	5	ND	5	6	1	2	2	17	.18	.043	13	1	.18	457	.01	9	.67	.02	.14	1	16
71 SD 013	1	47	2	47	.1	3	10	1102	3.22	36	5	ND	4	7	1	2	2	22	.21	.043	13	4	.25	414	.01	8	.73	.02	.13	1	51
71 SD 014	1	34	11	47	.2	3	7	552	2.52	17	5	ND	4	8	1	2	2	30	.22	.043	12	6	.27	283	.01	2	.60	.01	.09	1	47
71 SD 015	1	27	3	32	.2	6	6	342	2.16	19	5	ND	3	5	1	3	2	23	.14	.036	10	8	.26	98	.02	2	.54	.02	.07	1	4
71 SD 016	2	38	9	45	.1	3	9	568	2.70	25	5	ND	2	6	1	2	2	24	.13	.038	13	4	.26	304	.01	5	.71	.02	.10	2	5
71 SD 017	1	43	2	46	.1	5	9	687	2.68	26	5	ND	4	8	1	3	2	27	.14	.037	13	7	.29	313	.02	12	.79	.02	.11	2	3
71 SD 018 P	1	48	16	91	.3	8	12	548	3.39	88	5	ND	2	41	1	2	2	48	.32	.045	12	8	.56	289	.04	9	1.08	.04	.12	1	2
71 SD 019	1	52	7	42	.2	5	11	727	2.93	17	5	ND	3	20	1	2	4	24	.76	.047	10	6	.27	526	.01	9	.64	.02	.15	1	18
71 SD 020	1	58	2	42	.1	2	11	874	3.03	22	5	ND	6	13	1	2	2	24	.25	.043	12	5	.23	560	.01	4	.76	.02	.16	1	11
71 SD 021	1	67	9	46	.2	6	11	695	2.69	17	5	ND	5	34	1	2	2	25	.46	.043	14	7	.30	941	.01	5	.71	.03	.13	1	12
71 SD 022	1	47	2	35	.1	6	9	901	2.78	11	5	ND	4	13	1	2	2	19	.25	.042	12	12	.20	424	.01	3	.62	.01	.13	1	12
71 SD 023	1	43	7	31	.2	1	9	935	3.07	14	6	ND	4	9	1	2	2	24	.21	.047	13	5	.22	348	.01	6	.53	.01	.11	1	17
71 SD 024	3	41	2	40	.1	8	11	1001	3.57	18	5	ND	3	9	1	2	2	27	.18	.037	14	9	.32	402	.01	11	.68	.01	.10	1	22
STD C/AU-S	17	56	35	122	7.3	66	29	940	3.85	44	19	8	34	48	17	17	24	55	.46	.081	39	56	.84	176	.08	33	1.78	.07	.13	12	53

GULF INTERNATIONAL FILE # 87-2292

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
71 SD 025	4	45	12	72	.1	4	11	792	3.56	46	5	ND	3	16	1	2	2	36	.22	.051	17	6	.39	631	.04	6	1.12	.02	.10	1	13
71 SD 026	1	51	6	68	.1	10	13	804	3.73	23	5	ND	3	16	1	2	2	44	.31	.056	15	13	.59	524	.03	19	1.23	.03	.16	1	12
71 SD 027	1	59	16	50	.1	7	11	895	3.24	21	5	ND	5	34	1	2	2	29	2.11	.055	10	13	.32	514	.01	13	.77	.02	.18	1	10
71 SD 028	1	62	2	45	.1	7	10	843	3.17	16	5	ND	4	16	1	2	2	25	.43	.052	11	11	.26	534	.01	11	.71	.02	.16	1	10
71 SD 029 P	1	37	15	35	.1	6	7	438	2.20	14	5	ND	2	19	1	2	2	22	.23	.035	12	8	.27	345	.02	15	.57	.03	.12	2	13
71 SD 030	1	42	11	41	.1	1	12	644	3.14	16	5	ND	4	11	1	3	2	25	.21	.043	13	6	.20	328	.01	9	.57	.02	.10	2	21
71 SD 031	1	62	10	38	.1	9	13	920	3.73	17	5	ND	4	12	1	4	2	31	.32	.056	12	3	.28	505	.01	7	.71	.02	.15	1	16
71 SD 032	1	57	9	32	.1	4	10	683	3.32	20	5	ND	4	9	1	3	2	28	.24	.047	11	3	.23	312	.01	8	.56	.02	.11	1	36
71 SD 033	1	60	2	31	.1	1	9	626	2.69	15	5	ND	4	10	1	2	2	22	.20	.040	12	4	.21	383	.01	9	.57	.02	.11	1	18
71 SD 034	1	43	2	41	.1	4	9	619	2.88	24	5	ND	2	7	1	2	2	31	.19	.042	10	5	.31	157	.03	4	.59	.02	.08	3	11
71 SD 035 P	2	55	25	137	.1	7	13	701	3.90	180	5	ND	3	14	1	2	2	54	.31	.049	12	9	.67	169	.05	7	1.16	.05	.13	1	9
71 SD 036	1	54	7	45	.1	4	12	663	3.37	21	5	ND	3	18	1	2	2	38	.27	.052	12	6	.40	481	.02	10	.72	.02	.09	1	13
71 SD 037	1	42	2	35	.1	6	12	897	3.32	18	5	ND	3	8	1	3	2	31	.19	.047	12	10	.28	348	.01	7	.71	.02	.12	2	47
71 SD 038	1	69	4	54	.1	7	10	769	3.02	19	5	ND	3	20	1	2	4	24	.23	.042	16	15	.25	900	.01	11	.84	.03	.14	1	11
71 SD 039	1	59	15	39	.1	10	8	632	2.68	13	5	ND	4	16	1	2	2	16	.23	.035	13	15	.23	790	.01	8	.74	.03	.15	1	1
71 SD 040	2	49	2	36	.1	3	10	727	2.99	19	5	ND	4	9	1	2	2	23	.16	.048	13	5	.23	375	.01	5	.63	.02	.10	2	8
71 SD 041	1	32	7	28	.2	3	10	377	3.10	25	5	ND	2	11	1	2	2	32	.13	.030	9	4	.22	220	.02	3	.43	.01	.07	2	8
71 SD 042	2	47	12	37	.1	1	10	675	3.00	26	5	ND	3	32	1	2	2	23	.19	.045	14	4	.19	968	.02	8	.56	.02	.09	1	22
71 SD 043 P	1	59	7	79	.1	7	13	703	3.94	86	5	ND	2	24	1	10	2	60	.39	.054	12	9	.72	345	.07	8	1.24	.06	.16	1	1
71 SD 044	1	99	11	61	.3	7	14	977	4.29	30	5	ND	3	13	1	2	2	41	.37	.053	14	14	.44	432	.02	11	.92	.02	.13	1	35
71 SD 045	1	72	15	43	.2	9	13	1042	4.17	20	5	ND	5	11	1	2	2	34	.30	.067	13	15	.31	359	.01	12	.48	.02	.12	1	5
71 SD 046	2	65	14	50	.1	9	12	856	3.87	27	5	ND	4	12	1	2	2	33	.27	.056	13	13	.30	355	.01	7	.65	.02	.11	1	12
71 SD 047 P	1	50	7	32	.1	4	9	616	3.14	30	5	ND	4	20	1	2	2	22	.56	.051	13	4	.25	407	.01	10	.55	.02	.13	1	7
71 SD 048 P	1	35	6	26	.1	1	6	400	2.04	14	5	ND	3	12	1	2	2	13	.12	.025	11	2	.16	494	.01	11	.43	.02	.09	2	1
71 SD 049 P	1	32	2	29	.1	4	7	374	2.20	24	5	ND	2	17	1	4	2	18	.16	.025	10	4	.21	475	.01	6	.51	.03	.11	1	6
71 SD 050	1	42	8	35	.1	4	9	558	2.88	24	5	ND	2	10	1	3	2	25	.17	.038	13	3	.28	293	.01	11	.60	.01	.08	1	1
71 SD 051 P	1	40	6	31	.2	1	8	469	2.28	26	5	ND	3	14	1	2	2	17	.12	.029	13	3	.19	568	.01	14	.61	.02	.11	1	1
71 SD 052	1	45	5	38	.1	4	11	544	3.06	29	5	ND	3	16	1	2	2	29	.17	.036	14	7	.29	818	.01	8	.79	.02	.10	2	123
71 SD 053	3	42	12	53	.1	6	11	715	3.04	37	5	ND	2	12	1	3	3	28	.21	.038	13	6	.28	422	.02	8	.78	.02	.09	1	3
71 SD 055	1	63	51	179	.3	4	16	758	3.95	151	5	ND	2	13	1	3	2	50	.24	.057	12	5	.57	221	.05	6	1.00	.02	.09	2	5
71 SD 056	1	69	3	45	.1	3	13	688	3.92	19	5	ND	4	16	1	2	3	33	.25	.046	13	5	.32	436	.01	9	.66	.01	.10	1	10
71 SD 057	4	69	9	65	.1	7	9	564	3.05	43	5	ND	5	20	1	3	4	18	.19	.041	14	4	.18	777	.01	8	.51	.01	.10	1	46
71 SD 058	1	62	9	36	.1	6	9	646	2.78	35	5	ND	3	10	1	4	2	22	.16	.037	13	4	.20	350	.02	10	.50	.01	.09	1	6
71 SD 059	9	92	31	460	.3	10	13	903	3.26	149	7	ND	4	13	5	7	2	18	.39	.035	16	2	.24	493	.01	11	.78	.02	.11	1	20
71 SD 060	1	49	15	42	.1	4	10	685	2.94	32	8	ND	3	10	1	3	2	29	.17	.036	14	10	.35	351	.02	10	.79	.02	.09	1	7
71 SD 061	1	28	7	37	.1	4	10	628	3.49	21	5	ND	3	17	1	3	2	46	.17	.049	14	10	.41	449	.01	9	.79	.01	.09	1	17
STD C/AU-8	18	59	39	130	7.1	67	29	948	3.83	38	20	8	34	49	17	16	21	56	.46	.089	39	57	.84	178	.08	34	1.77	.07	.14	11	47

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
71 SD 062	1	65	8	143	.1	9	13	1095	4.02	68	5	ND	2	15	1	2	2	47	.35	.066	15	10	.68	350	.04	22	1.27	.03	.16	2	26
71 SD 063	3	49	11	67	.1	6	14	1107	4.00	44	5	ND	2	17	1	2	2	43	.38	.069	16	10	.61	454	.02	19	1.19	.02	.16	1	12
71 SD 064	1	96	34	104	.1	9	17	771	4.65	82	5	ND	1	11	1	2	2	55	.34	.059	10	6	.75	204	.07	16	1.23	.03	.08	2	11
71 SD 065 P	1	51	13	77	.1	7	12	615	3.75	126	5	ND	1	49	1	2	2	55	.26	.048	10	5	.68	483	.05	21	1.18	.04	.12	1	6
71 SD 066	1	61	7	71	.1	6	13	675	3.95	49	5	ND	2	21	1	2	2	45	.45	.054	11	4	.65	289	.04	22	.96	.02	.11	1	22
71 SD 067	1	56	9	43	.1	6	11	565	3.19	53	5	ND	1	16	1	2	2	34	.30	.038	11	2	.35	494	.03	15	.65	.02	.08	1	5
71 SD 068	1	88	13	44	.4	9	18	926	3.98	36	5	ND	3	34	1	2	2	38	2.92	.051	9	4	.54	384	.01	18	.76	.02	.12	1	17
71 SD 069	1	67	5	40	.1	6	13	959	4.27	24	5	ND	2	22	1	2	2	36	.80	.057	12	1	.46	407	.02	8	.60	.02	.11	1	5
71 SD 070	1	54	5	29	.1	3	9	587	2.89	20	5	ND	3	7	1	2	2	18	.15	.034	12	2	.18	308	.01	5	.52	.01	.08	1	38
71 SD 071	2	74	9	42	.1	2	10	862	3.05	43	5	ND	4	13	1	2	2	21	.15	.038	16	4	.22	641	.01	18	.74	.02	.10	1	14
71 SD 072 P	1	47	2	22	.1	2	6	418	2.13	16	5	ND	3	24	1	2	2	14	.16	.028	8	1	.15	769	.01	15	.41	.03	.12	1	1
71 SD 073	1	89	2	36	.1	2	13	700	4.07	18	5	ND	2	12	1	2	2	27	.25	.046	11	1	.20	332	.02	18	.39	.01	.07	1	220
71 SD 074	1	97	11	51	.1	1	10	762	3.40	21	5	ND	5	22	1	2	2	24	.55	.059	13	1	.24	308	.01	16	.59	.02	.13	1	87
71 SD 075 P	1	49	8	29	.1	3	9	560	2.71	7	5	ND	3	26	1	2	2	33	.52	.038	7	1	.45	617	.04	18	.75	.08	.13	1	8
71 SD 076	1	61	15	50	.2	2	15	1009	5.30	23	5	ND	3	31	1	2	2	56	.39	.081	16	1	.45	443	.04	30	.79	.02	.13	1	85
71 SD 081	3	74	8	49	.1	6	11	834	3.09	50	5	ND	3	21	1	2	2	25	.13	.041	14	1	.20	889	.02	9	.77	.02	.10	1	6
71 SD 082	4	78	16	60	.1	6	12	904	3.43	53	5	ND	4	33	1	9	2	23	.22	.048	18	7	.19	1203	.01	15	1.02	.02	.13	1	6
71 SD 083	3	44	13	56	.1	5	9	609	3.16	26	5	ND	3	18	1	2	2	24	.17	.049	18	2	.17	840	.02	18	.79	.02	.13	1	7
71 SD 084	4	41	6	50	.1	9	10	833	3.63	19	5	ND	3	23	1	4	3	26	.21	.047	16	5	.24	818	.03	12	.82	.02	.11	1	1
71 SD 085	6	41	23	95	.1	4	9	653	4.87	16	5	ND	10	14	1	2	2	26	.13	.042	44	6	.21	704	.08	21	3.92	.07	.13	1	10
71 SD 086	3	64	6	31	.1	4	13	747	3.93	9	5	ND	3	19	1	2	2	31	.19	.053	15	3	.36	476	.02	13	.75	.02	.09	2	3
71 SD 087	7	54	9	43	.1	5	12	1188	3.92	14	5	ND	5	14	1	3	2	19	.16	.043	21	1	.25	777	.01	9	1.01	.02	.16	3	2
71 SD 088	2	88	6	38	.1	5	13	972	3.67	13	5	ND	4	37	1	2	2	26	.26	.051	19	1	.38	903	.02	13	.78	.02	.11	1	3
71 SD 089	4	111	26	117	.1	7	14	1083	4.04	101	5	ND	3	17	1	3	5	23	.20	.049	19	2	.19	640	.02	21	1.07	.02	.14	1	30
71 SD 090	4	112	14	73	.1	11	15	1076	4.06	83	5	ND	4	18	1	2	2	24	.18	.047	19	6	.18	844	.01	18	.86	.02	.15	1	8
71 SD 091	4	50	2	47	.1	10	10	709	3.16	39	5	ND	3	19	1	3	2	19	.17	.039	16	5	.16	725	.01	17	.71	.02	.14	1	7
71 SD 092	4	65	21	56	.1	7	12	1092	3.88	32	5	ND	4	24	1	2	2	21	.17	.047	20	6	.15	1018	.01	13	.78	.02	.15	1	24
71 SD 094	2	47	7	38	.3	7	11	622	3.10	27	5	ND	1	19	1	2	2	24	.18	.039	12	6	.18	633	.02	13	.61	.02	.09	2	5
71 SD 095	3	42	11	39	.1	7	9	707	3.19	20	5	ND	3	20	1	2	3	27	.18	.047	14	3	.21	705	.02	11	.73	.02	.12	1	5
71 SD 096	1	31	5	64	.1	10	13	987	4.13	17	5	ND	2	21	1	2	3	50	.39	.071	19	9	.82	528	.05	35	1.51	.04	.22	1	52
71 SD 097	1	27	6	48	.1	4	10	822	3.96	10	5	ND	2	33	1	2	3	44	.56	.058	18	6	.82	922	.03	34	1.40	.03	.28	1	2
71 SD 098	1	37	9	47	.1	10	14	1066	4.46	12	5	ND	3	17	1	3	2	50	.31	.062	17	2	.60	379	.04	26	1.07	.02	.20	3	9
71 SD 099	1	51	2	61	.1	7	12	990	4.26	11	5	ND	5	27	1	4	2	37	.42	.066	24	8	.32	754	.02	19	1.25	.05	.22	1	13
71 SD 100	2	95	12	58	.1	7	13	1006	4.11	24	5	ND	3	16	1	2	2	38	.21	.065	15	3	.30	602	.02	15	.63	.02	.11	1	11
71 SD 101	1	37	7	52	.1	6	13	1198	4.31	22	5	ND	3	21	1	2	2	50	.32	.077	17	4	.74	561	.04	28	1.26	.03	.17	1	4
71 SD 102	1	37	2	43	.1	4	12	1329	4.27	18	5	ND	2	13	1	2	2	43	.29	.069	15	5	.55	341	.03	18	.99	.02	.17	1	9
STD C/AU-S	19	61	36	126	7.4	70	30	946	3.87	39	18	8	34	49	18	16	19	56	.46	.083	39	57	.85	181	.08	34	1.80	.07	.15	12	49

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
71 SD 103	1	30	4	63	.2	5	12	942	4.04	15	5	ND	2	18	1	2	2	54	.31	.059	16	9	.70	331	.06	9	1.12	.03	.12	1	12
71 SD 104	1	30	2	49	.1	2	10	836	3.86	12	5	ND	2	28	1	2	2	45	.34	.060	17	6	.63	404	.04	18	1.03	.03	.15	1	10
71 SD 106	1	30	2	50	.1	3	9	835	3.66	12	5	ND	2	18	1	2	2	44	.27	.057	17	5	.61	327	.04	18	1.03	.03	.14	1	5
71 SD 107 P	1	31	2	42	.2	2	10	656	3.28	6	5	ND	3	31	1	4	2	37	.28	.048	16	5	.62	607	.03	13	1.04	.03	.21	3	21
71 SD 108	1	8	2	41	.2	2	7	1860	3.59	28	8	ND	2	72	1	3	2	47	.31	.068	21	6	.24	434	.02	16	1.05	.01	.16	1	1
71 SD 109	1	8	2	50	.1	3	7	1088	3.54	16	5	ND	2	42	1	4	2	49	.29	.069	23	7	.42	410	.05	16	1.28	.03	.15	1	1
71 SD 110	1	8	2	40	.1	1	7	1314	3.55	19	5	ND	2	70	1	7	2	51	.40	.085	22	5	.41	543	.05	14	.96	.03	.16	2	1
71 SD 111 P	1	5	3	32	.1	2	7	911	3.46	9	6	ND	2	25	1	5	2	55	.31	.076	19	3	.29	401	.05	20	.86	.03	.17	1	1
71 SD 112	1	4	7	17	.1	2	12	2281	3.15	7	6	ND	2	35	1	3	2	49	.81	.183	28	2	.17	935	.01	11	.57	.01	.19	1	1
71 SD 113	1	15	3	42	.1	2	8	1280	3.82	16	5	ND	3	46	1	4	2	51	.51	.084	21	6	.46	796	.05	20	1.09	.03	.18	1	1
71 SD 114	1	97	2	64	.1	8	22	1472	5.61	19	6	ND	1	18	1	2	2	52	.36	.079	16	5	.42	317	.08	2	.73	.05	.10	1	19
71 SD 115	1	67	7	50	.2	6	15	1510	4.62	89	7	ND	3	12	1	5	2	46	.33	.087	19	5	.28	301	.04	9	.65	.02	.11	2	12
71 SD 117	4	120	38	181	.3	8	22	1836	5.23	326	5	ND	1	15	4	5	2	50	.30	.090	17	9	.36	271	.04	6	.84	.02	.09	1	2
71 SD 118	1	42	2	43	.1	3	15	1441	4.46	40	5	ND	1	23	1	2	2	52	.56	.117	19	7	.39	469	.06	8	.82	.04	.12	3	1
71 SD 119 P	1	6	5	20	.1	1	6	931	3.13	12	5	ND	3	30	1	7	2	45	.89	.076	18	2	.40	451	.03	22	.94	.02	.15	1	3
71 SD 121	1	7	4	48	.1	4	10	1872	3.77	20	5	ND	1	48	1	2	2	41	.79	.101	40	3	.33	1146	.01	12	1.68	.01	.11	1	1
71 SD 122 P	1	105	3	98	.2	4	20	840	5.21	204	5	ND	2	15	1	10	2	72	.26	.051	12	8	.81	171	.08	10	1.66	.05	.15	1	2
71 SD 123	1	94	2	84	.2	5	19	1084	5.05	216	5	ND	2	19	1	10	2	65	.33	.052	15	7	.52	311	.05	10	1.25	.03	.12	2	2
71 SD 124	1	102	22	85	.1	5	24	1172	5.67	427	5	ND	2	19	1	3	2	73	.35	.060	16	7	.66	249	.06	7	1.44	.03	.12	1	1
71 SD 126	1	87	7	63	.4	7	18	879	4.91	94	5	ND	1	17	1	4	2	67	.30	.053	12	10	.70	126	.11	11	1.41	.05	.10	1	1
71 SD 126A P	2	174	28	239	.5	13	25	648	3.86	360	5	ND	3	11	2	9	2	44	.21	.051	22	8	.54	198	.03	6	1.24	.02	.12	1	5
71 SD 127	2	119	32	151	.2	5	22	1076	4.71	201	5	ND	3	10	1	7	2	50	.16	.051	23	7	.62	464	.03	23	1.71	.02	.16	1	25
71 SD 128	1	46	5	44	.1	1	16	1142	4.13	23	5	ND	2	20	1	2	2	50	.34	.088	20	6	.58	649	.06	18	1.17	.03	.19	1	8
71 SD 129	1	69	6	54	.1	4	16	1331	4.51	118	5	ND	2	18	1	2	2	59	.37	.064	20	9	.61	693	.04	26	1.37	.02	.23	1	3
71 SD 130	3	149	18	190	.2	22	23	1677	5.40	529	7	ND	3	19	1	7	2	57	.34	.065	24	12	.67	517	.04	24	1.47	.02	.18	1	8
71 SD 131	2	97	17	84	.1	8	22	2459	5.13	99	5	ND	3	54	1	2	2	67	.37	.088	23	6	.54	719	.06	21	1.30	.03	.16	1	8
71 SD 132	1	49	6	116	.1	8	14	1347	4.47	55	5	ND	2	44	1	4	2	54	.36	.084	21	16	.56	501	.05	36	1.19	.03	.19	1	14
71 SD 133	3	136	30	213	.2	10	22	1144	4.67	462	5	ND	3	19	1	15	2	43	.29	.051	24	8	.51	453	.04	12	1.53	.03	.14	1	8
71 SD 134	3	90	8	49	.2	9	32	1769	6.04	144	5	ND	1	10	1	6	2	50	.48	.108	10	3	.52	155	.01	5	1.36	.01	.12	1	1
71 SD 135	1	70	7	89	.1	6	18	1739	4.68	88	5	ND	2	12	1	2	2	58	.27	.072	21	6	.65	469	.05	23	1.31	.02	.17	1	3
71 SD 136	2	115	29	180	.8	16	26	1356	5.22	536	5	ND	2	23	1	6	6	64	.38	.067	20	8	.67	406	.06	20	1.29	.03	.16	1	5
71 SD 137 P	5	262	10	231	.1	13	33	5827	9.96	368	7	ND	2	45	3	8	8	59	.30	.054	38	8	.70	553	.02	15	1.63	.03	.19	1	2
71 SD 138	1	214	18	68	.9	7	39	1854	6.13	79	5	ND	2	22	1	5	2	43	.42	.107	11	3	.28	248	.01	8	.64	.02	.12	1	1
71 SD 139 P	1	127	99	643	.7	7	28	1497	6.23	171	5	ND	2	24	2	17	2	61	.42	.052	12	10	.50	196	.03	23	.98	.04	.16	2	13
71 SD 140	1	65	10	117	.2	6	16	1429	4.56	78	5	ND	3	76	1	7	2	43	.31	.067	16	6	.61	250	.05	18	1.24	.03	.11	1	16
71 SD 141 P	1	127	13	139	.4	12	24	1165	5.85	103	5	ND	2	24	1	4	2	82	.26	.056	13	17	1.18	198	.06	14	1.93	.05	.12	1	2
STD C/AU-S	17	59	36	122	7.3	64	28	925	3.81	36	15	7	33	48	17	18	23	53	.46	.081	38	56	.84	176	.08	33	1.79	.07	.13	14	47

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
71 SD 142	1	46	20	69	.2	6	13	1080	4.48	47	5	ND	2	18	1	2	2	65	.28	.072	14	6	.54	248	.07	7	1.09	.02	.10	2	5
71 SD 143	1	56	13	74	.1	3	14	1043	4.58	70	5	ND	3	14	1	2	2	64	.25	.062	16	7	.57	244	.06	8	1.20	.02	.10	1	2
71 SD 144	1	64	13	74	.1	6	15	1127	4.77	66	5	ND	2	17	1	2	2	66	.30	.067	16	9	.64	432	.06	9	1.35	.02	.14	1	3
71 SD 145	5	161	51	250	.4	15	26	1341	5.84	403	5	ND	5	17	2	6	2	61	.27	.058	26	15	.72	553	.04	16	1.84	.03	.18	2	40
71 SD 146	2	136	44	158	1.0	9	32	1399	4.86	526	5	ND	2	13	2	9	2	58	.30	.064	17	9	.68	361	.04	13	1.33	.02	.15	1	10
71 SD 147	1	72	8	93	.1	8	21	1442	5.10	175	5	ND	2	16	1	2	2	66	.33	.064	20	10	.75	520	.05	22	1.43	.02	.16	1	7
71 SD 148	3	117	34	190	.1	12	27	1514	6.13	790	5	ND	2	14	2	4	2	76	.29	.056	18	10	.86	459	.05	16	1.67	.03	.14	3	6
71 SD 149	1	90	25	142	.1	9	18	1126	4.93	194	5	ND	2	22	1	2	2	64	.31	.062	17	12	.76	402	.06	16	1.46	.03	.13	1	10
71 SD 150	1	79	15	100	.1	12	15	1122	4.38	88	5	ND	3	38	1	2	2	57	.62	.077	15	14	.59	642	.05	16	1.09	.02	.14	1	2
71 SD 152	4	149	57	406	.8	45	42	1203	5.36	1231	5	ND	3	35	3	7	2	57	.33	.061	15	12	.73	235	.04	11	1.33	.02	.10	1	96
71 SD 153	4	117	29	120	.1	16	25	868	5.19	206	5	ND	3	9	1	2	3	64	.34	.051	13	16	.82	278	.07	12	1.65	.03	.10	1	19
71 SD 154	6	142	31	170	.5	9	28	1288	5.24	387	5	ND	3	31	2	6	2	61	.32	.067	18	8	.66	639	.03	4	1.34	.03	.13	1	18
71 SD 155	1	79	12	114	.3	9	19	1387	5.20	234	5	ND	4	17	1	2	2	65	.36	.076	20	6	.81	765	.04	23	1.57	.03	.17	1	5
71 SD 156	1	43	21	75	.2	4	15	878	4.44	130	5	ND	3	19	1	2	2	62	.26	.056	11	5	.54	140	.07	13	.96	.03	.08	1	4
71 SD 157	1	125	24	217	.7	47	34	1387	5.77	812	5	ND	3	44	1	7	2	78	.68	.064	15	13	1.03	526	.05	19	1.87	.04	.16	1	9
71 SD 158	1	129	22	212	.5	21	28	1205	5.77	569	5	ND	2	28	1	6	3	82	.36	.053	14	17	1.03	921	.06	16	1.87	.04	.16	1	4
71 SD 159	1	93	34	138	.1	7	20	1277	5.02	250	5	ND	3	19	1	7	2	65	.26	.063	15	7	.73	439	.06	11	1.58	.03	.14	1	16
71 SD 160	1	75	23	153	.1	8	18	846	4.30	187	5	ND	1	29	1	2	3	60	.27	.057	14	11	.63	237	.06	9	1.39	.03	.10	1	5
71 SD 161	1	57	27	92	.2	6	14	778	4.22	268	5	ND	3	64	1	3	2	61	.35	.058	12	10	.66	317	.06	18	1.27	.06	.14	1	3
71 SD 162	1	63	8	92	.1	9	16	969	4.41	175	5	ND	2	34	1	2	2	58	.31	.061	14	14	.60	424	.05	17	1.22	.02	.12	1	11
71 SD 163	7	166	42	175	.5	15	50	3471	16.08	7876	5	ND	2	58	1	43	5	65	.16	.038	19	5	.24	1191	.01	9	2.23	.01	.09	1	3
71 SD 168	1	65	13	102	.1	7	17	774	4.38	148	5	ND	2	12	1	3	2	60	.31	.041	10	11	.69	164	.07	10	1.12	.03	.08	1	9
71 SD 169	1	50	16	96	.1	6	15	640	3.84	98	5	ND	2	19	1	2	2	59	.35	.043	8	10	.72	171	.07	9	1.21	.03	.08	1	9
71 SD 170	1	56	16	77	.1	8	15	657	4.01	110	5	ND	2	15	1	2	2	55	.28	.045	9	8	.62	179	.07	5	1.08	.04	.08	1	2
71 SD 172	1	63	20	91	.1	5	16	733	3.99	123	5	ND	3	12	1	2	2	58	.28	.044	10	8	.65	176	.06	3	1.25	.03	.09	1	8
71 SD 173	1	61	12	108	.1	3	17	869	4.28	164	5	ND	2	11	1	2	2	67	.36	.055	11	7	.78	254	.06	10	1.46	.04	.11	1	2
71 SD 174	1	56	36	170	.1	8	16	934	4.30	127	5	ND	3	11	1	2	2	65	.30	.042	9	8	.79	119	.07	5	1.49	.03	.08	1	1
71 SD 175	3	122	126	366	.4	18	28	1098	6.05	413	5	ND	3	18	2	3	2	74	.27	.045	15	20	.90	320	.06	9	1.78	.03	.09	1	10
71 SD 176	2	82	29	121	.3	17	17	673	4.91	192	7	ND	3	26	1	2	2	88	.38	.043	7	22	1.28	133	.11	6	1.92	.09	.11	1	2
71 SD 177	2	82	44	126	.3	12	16	640	5.31	273	5	ND	2	12	1	3	2	79	.23	.044	9	16	1.07	118	.09	12	1.65	.04	.08	1	1
71 SD 178	5	75	45	142	.3	12	16	769	6.31	298	5	ND	6	10	1	3	2	69	.14	.046	19	18	.72	112	.10	4	2.99	.05	.08	1	2
71 SD 179	7	67	49	107	.1	7	11	346	7.61	135	5	ND	12	4	1	2	2	60	.08	.027	22	16	.40	71	.17	2	4.08	.04	.06	2	1
71 SD 180	4	84	34	114	.1	14	18	833	5.71	181	5	ND	2	9	1	2	2	84	.20	.039	10	30	1.29	73	.09	2	2.16	.03	.06	1	1
71 SD 181	4	130	90	174	.5	15	27	956	8.02	594	5	ND	2	11	1	2	2	122	.20	.045	7	27	1.82	105	.10	6	2.47	.02	.06	1	3
71 SD 182	3	123	69	288	.1	26	37	1112	6.55	395	5	ND	1	30	2	2	2	98	.31	.045	10	25	1.39	149	.10	2	2.10	.03	.06	1	1
71 SD 184	1	112	62	218	.2	12	23	1000	5.13	299	5	ND	2	17	1	2	2	85	.33	.048	10	13	.97	221	.08	2	1.72	.05	.09	1	2
STD C/AU-S	18	60	37	126	7.2	65	28	956	3.95	38	18	8	35	49	18	16	21	56	.47	.084	39	59	.86	181	.09	37	1.83	.07	.15	14	49

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
71 SD 185	5	93	96	307	.4	16	21	846	4.86	307	5	ND	1	7	1	5	2	68	.15	.050	11	9	.83	156	.05	8	1.51	.03	.10	2	6
71 SD 186	3	84	62	317	.1	9	21	954	4.94	144	7	ND	1	12	1	3	2	68	.25	.043	12	6	.90	194	.06	10	1.68	.04	.10	1	5
71 SD 187	2	79	24	118	.1	13	20	806	4.62	96	5	ND	1	18	1	2	2	64	.32	.048	9	7	.83	114	.13	3	1.46	.08	.08	1	10
71 SD 188	1	73	39	138	.3	5	19	789	4.71	227	5	ND	1	21	1	2	2	65	.34	.046	9	8	.73	167	.06	13	1.41	.03	.08	2	4
71 SD 189	1	96	23	113	.2	8	21	916	4.63	192	5	ND	1	13	1	3	2	66	.31	.056	10	8	.73	274	.06	2	1.45	.03	.08	1	44
71 SD 190	1	80	18	91	.1	9	18	604	4.51	141	5	ND	1	16	1	2	2	65	.30	.049	11	8	.71	182	.09	10	1.34	.05	.07	1	26
71 SD 191	1	88	24	105	.3	5	19	885	4.19	209	5	ND	2	11	1	3	3	62	.26	.059	11	5	.72	205	.06	11	1.42	.04	.11	1	27
71 SD 192	1	77	17	83	.1	1	19	895	4.51	205	5	ND	2	12	1	5	2	63	.31	.062	12	4	.70	366	.04	12	1.41	.03	.14	1	8
71 SD 193	1	100	73	149	.4	1	22	1315	9.85	410	6	ND	2	7	1	11	2	103	.09	.081	7	2	1.46	56	.08	4	2.51	.01	.06	1	4
71 SD 194	1	93	60	151	.3	4	12	762	8.89	211	5	ND	1	7	1	5	7	100	.11	.083	6	6	1.35	71	.11	2	2.19	.02	.05	1	7
71 SD 195	9	102	126	1299	3.2	15	24	1466	6.81	509	5	ND	2	33	5	2	5	77	.72	.054	23	10	.70	168	.05	2	3.32	.02	.05	1	1
71 SD 196	3	64	33	263	.4	5	15	1187	5.14	264	5	ND	2	16	1	3	2	69	.28	.054	21	8	.66	131	.07	2	2.13	.03	.08	1	6
71 SD 197	15	55	55	836	.5	11	12	1643	6.13	373	5	ND	7	21	6	8	3	41	.45	.043	41	6	.36	211	.10	8	3.41	.04	.06	1	13
71 SD 198	15	119	52	483	.1	17	20	1167	5.86	442	5	ND	3	7	2	8	2	28	.14	.065	78	5	.15	115	.15	4	4.23	.03	.06	1	1
71 SD 199	13	221	36	1594	.1	34	17	2041	5.27	767	5	ND	2	36	9	5	3	29	.76	.063	118	8	.25	397	.14	9	3.87	.06	.07	1	1
71 SD 106A	2	100	12	112	.1	8	26	1641	5.50	35	5	ND	2	12	1	4	2	55	.26	.067	20	8	.58	470	.04	15	1.26	.02	.13	2	1
71 SD 107A	5	158	30	127	.1	7	27	2407	7.99	45	5	ND	2	18	1	3	2	46	.42	.123	28	7	.44	663	.01	14	1.18	.01	.18	2	2
71 SD 108A	1	38	26	60	.1	1	12	812	4.14	33	5	ND	2	25	1	3	2	47	.25	.065	20	5	.55	295	.04	18	1.02	.02	.12	1	1
71 SD 110A	1	49	18	56	.1	7	15	1075	4.13	23	5	ND	2	14	1	3	2	39	.27	.052	16	8	.53	437	.04	13	1.00	.02	.13	1	2
71 SD 111A	1	111	18	50	.1	4	15	1217	4.56	34	5	ND	3	15	1	2	2	46	.27	.081	17	4	.59	240	.06	13	1.08	.04	.12	1	4
71 SD 112A	1	25	13	40	.1	1	10	852	3.67	21	5	ND	2	13	1	2	2	40	.25	.067	15	2	.53	240	.04	15	.92	.02	.12	1	68
71 SD 113A	7	3631	21	46	8.8	9	97	1448	19.83	480	7	14	3	16	1	2	27	31	.33	.052	8	1	.36	9	.01	15	.69	.02	.13	.5	15600
71 SD 114A	1	67	13	48	.1	2	12	1032	3.95	26	7	ND	3	14	1	2	2	43	.29	.072	18	2	.76	492	.04	23	1.36	.03	.17	3	160
71 SD 115A	1	91	13	44	.1	3	12	992	4.31	25	5	ND	3	14	1	2	2	40	.26	.072	16	3	.63	398	.04	12	1.09	.03	.14	1	205
71 SD 116A	1	38	7	44	.2	2	11	713	4.23	7	5	ND	2	19	1	3	2	48	.27	.058	15	4	.66	363	.04	19	1.06	.02	.14	1	245
71 SD 117A	1	44	10	33	.2	1	11	1030	4.70	20	5	ND	2	19	1	2	3	58	.41	.090	16	2	.50	303	.05	22	.88	.02	.12	1	116
71 SD 118A	1	24	11	40	.1	3	11	1079	4.07	7	5	ND	2	21	1	2	2	49	.35	.080	18	5	.55	412	.05	15	.98	.02	.14	3	78
71 SD 119A	1	28	2	41	.2	5	12	1043	4.36	12	6	ND	3	18	1	2	2	51	.30	.067	17	6	.59	376	.06	17	1.00	.02	.13	1	20
71 SD 120A	2	26	12	42	.1	3	12	1062	4.17	16	5	ND	3	34	1	2	2	45	.26	.067	18	6	.54	855	.05	20	.96	.02	.13	1	18
71 SD 121A	1	28	6	44	.1	5	12	1010	3.98	20	5	ND	2	19	1	2	2	45	.31	.073	17	5	.57	325	.07	9	.96	.04	.13	1	15
71 SD 122A	1	25	9	48	.1	2	11	1170	3.77	22	5	ND	3	17	1	2	2	46	.33	.079	16	6	.58	311	.08	11	1.00	.04	.12	1	6
71 SD 123A	1	24	12	44	.1	5	10	912	3.87	25	5	ND	3	16	1	2	2	48	.31	.083	16	4	.51	349	.04	13	.91	.02	.13	1	8
71 SD 124A	1	19	11	53	.1	2	10	1054	3.42	23	5	ND	3	16	1	2	3	38	.28	.071	18	3	.60	327	.04	16	1.10	.03	.14	1	5
71 SD 125A	1	26	6	57	.1	2	11	896	3.71	15	5	ND	3	19	1	2	2	39	.28	.064	18	4	.62	494	.03	17	1.23	.03	.16	1	15
71 SD 126A	1	38	6	48	.1	5	12	1176	4.58	10	5	ND	3	16	1	3	2	55	.37	.064	15	6	.71	376	.05	8	1.16	.08	.15	1	45
STD C/AU-S	18	57	41	122	7.3	68	29	941	3.87	36	15	8	34	49	17	14	22	54	.46	.090	38	54	.85	177	.08	34	1.81	.07	.13	14	52

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
71 SD 127A	1	33	15	55	.1	6	12	942	4.41	8	5	ND	4	14	1	2	5	54	.26	.060	17	4	.70	297	.06	21	1.07	.03	.15	1	9
71 SD 128A	1	24	9	42	.1	1	11	925	4.29	2	6	ND	3	16	1	2	2	50	.35	.076	18	4	.59	410	.05	22	.94	.02	.18	2	1
71 SD 129A	1	36	9	51	.3	3	12	877	4.11	9	5	ND	3	16	1	2	3	48	.28	.069	17	4	.59	258	.06	19	1.02	.04	.13	1	8
71 SD 130A	1	19	13	48	.1	2	11	837	3.96	8	5	ND	3	20	1	3	2	44	.27	.054	17	5	.71	387	.06	20	1.10	.03	.15	1	1
71 SD 131A	1	26	15	55	.1	3	13	1015	4.23	9	5	ND	3	26	1	2	2	52	.68	.078	17	3	.68	478	.06	21	.95	.03	.17	1	11
71 SD 132A	1	24	8	36	.1	5	12	923	4.00	4	6	ND	4	15	1	2	2	47	.40	.107	18	2	.33	340	.04	20	.69	.02	.17	1	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
7-2-TA-001	5	33	7	82	.1	5	9	1311	3.32	145	6	ND	2	752	1	2	2	48	2.76	.058	15	5	1.44	342	.05	26	1.49	.03	.12	1	11
7-2-TA-002	6	31	31	47	.1	5	10	970	2.94	335	5	ND	2	208	1	2	2	18	1.39	.048	27	2	.91	229	.01	20	.80	.01	.15	2	1
7-2-TA-003	1	26	10	76	.1	1	8	850	3.17	59	5	ND	2	106	1	2	2	42	.87	.048	17	2	1.12	391	.06	35	1.48	.04	.23	1	1
7-2-TA-004	2	17	8	67	.1	5	8	1118	3.34	70	5	ND	2	75	1	2	2	48	.64	.042	15	3	1.02	227	.07	27	1.30	.03	.14	1	1
7-2-TA-005	2	24	16	75	.1	6	10	1110	3.60	101	5	ND	2	87	1	2	2	54	.52	.057	15	7	1.00	278	.07	26	1.25	.03	.14	2	29
7-2-TA-006	2	26	18	123	.1	6	12	2178	4.95	99	5	ND	3	73	1	2	2	82	.40	.066	22	8	.64	320	.10	23	1.71	.03	.09	2	4
7-2-TA-007	2	53	17	146	.1	32	13	918	4.91	50	5	ND	2	54	1	2	2	73	.42	.084	17	16	.84	433	.04	5	1.66	.03	.10	1	5
7-2-TA-008	2	64	17	135	.1	10	11	993	4.61	17	5	ND	1	69	1	2	2	62	.55	.086	17	10	.69	1045	.04	11	1.17	.02	.10	1	22
7-2-TA-009	8	49	24	109	.1	19	18	2529	5.42	13	5	ND	3	51	1	2	2	50	.53	.072	14	9	.57	795	.02	2	.83	.01	.11	1	5
7-2-TA-010	1	28	16	69	.1	1	11	1126	5.33	2	5	ND	3	23	1	2	2	86	.51	.138	25	5	.54	462	.04	13	1.05	.02	.18	1	1
7-2-TA-011	1	50	10	102	.1	9	18	1403	5.91	8	5	ND	3	29	1	2	2	78	.37	.080	19	12	.99	540	.06	2	1.52	.02	.10	1	1
7-2-TA-012	3	190	13	81	.1	11	25	879	7.37	22	5	ND	2	22	1	2	2	86	.39	.071	9	15	1.40	148	.05	6	1.86	.02	.07	1	350
7-2-TA-013	1	55	31	119	.5	9	15	670	5.05	36	5	ND	2	52	1	2	2	71	2.67	.080	7	9	1.23	91	.03	21	1.14	.01	.05	1	82
7-2-TA-014	4	54	14	98	.2	9	16	1424	5.25	41	5	ND	3	25	1	2	2	65	.38	.082	19	8	.69	577	.03	16	1.44	.02	.09	2	260
7-2-TA-015	2	53	10	69	.2	4	11	681	4.29	16	5	ND	2	28	1	2	2	62	.45	.070	11	10	.75	581	.03	6	1.04	.02	.08	1	25
7-2-TA-016	3	13	2	30	.3	1	4	477	1.63	7	5	ND	2	48	1	4	2	5	.24	.026	10	1	.08	1074	.01	5	.27	.02	.14	2	1
7-2-TA-017	4	107	49	295	.6	18	21	1071	6.18	665	5	ND	4	35	2	6	2	58	.40	.067	10	9	.52	87	.02	4	.93	.01	.09	2	1
7-2-TA-018	1	95	14	139	.2	4	10	1447	4.02	135	5	ND	2	136	1	3	2	41	.81	.065	13	7	.53	782	.04	14	1.00	.05	.15	2	22
7-2-TA-022	1	44	14	62	.1	5	15	1114	5.00	22	5	ND	3	25	1	2	2	64	.40	.079	17	11	.73	320	.13	9	1.25	.07	.15	1	3
7-2-TA-023	2	81	25	202	.3	7	16	3710	6.08	634	6	ND	2	88	2	7	2	81	.34	.054	13	10	1.19	302	.05	13	1.79	.04	.10	1	16
7-2-TA-024	4	677	120	1843	4.6	97	125	2591	13.38	9035	6	ND	2	19	16	67	2	51	.46	.038	20	22	.52	19	.01	4	1.49	.01	.09	6	14
7-2-TA-025	14	175	87	1624	.5	84	27	1549	7.30	420	5	ND	3	20	15	9	2	188	.66	.076	23	23	.88	421	.08	9	2.77	.03	.07	2	12
7-2-TA-026	3	94	26	204	.6	15	14	747	4.33	274	5	ND	3	32	1	5	2	63	.25	.057	8	8	.48	188	.05	11	1.02	.03	.14	1	1
7-2-TA-027	4	40	38	1510	.1	15	11	1336	4.12	245	5	ND	4	16	6	4	2	45	.36	.032	29	10	.62	259	.12	2	2.06	.04	.08	1	1
STD C/AU-S	18	58	38	129	7.1	66	28	955	3.94	38	16	7	34	49	17	16	21	57	.47	.087	39	54	.86	180	.09	36	1.85	.07	.15	14	46

APPENDIX II

GRID COORDINATES AND SIGNIFICANT ANOMALOUS VALUES

SOIL SAMPLES

MAIN GRID Coordinates		Sample No.	Au ppb ≥26	Ag ppm ≥1.0	Cu ppm ≥125	Pb ppm ≥100	Zn ppm ≥450	As ppm ≥325	Mo ppm ≥20
0+50W	3+80N	SD 195		3.2		126	1229	509	
0+50W	3+30N	SD 193						410	
1+00W	3+10N	SD 199			221		1594	767	
1+00W	3+00N	SD 198					483	442	
1+00W	3+90N	SD 197					836	373	
1+50W	1+20S	SD 014	47						
2+50W	2+10N	SD 175				126		413	
3+00W	2+80N	SD 181			130			594	
3+00W	1+70N	SD 182						395	
3+00W	0+60S	SD 032	36						
3+50W	2+90N	SD 191	27						
3+50W	2+80N	SD 190	26					192	
3+50W	2+70N	SD 189	44						
3+50W	0+40S	SD 037	47						
4+00W	2+60N	MS 005	31						
4+00W	2+50N	MS 004						639	
4+00W	2+40N	MS 003						403	
4+00W	1+20N	MS 001			183				
4+00W	0+30S	SD 044	35						
4+50W	1+80N	MS 011	131						
4+50W	1+70N	MS 012	27						
4+50W	0+30S	SD 052	123						
4+50W	0+90S	SD 056	46						
4+50W	1+20S	SD 059					460		
5+00W	2+10N	SD 163			166			7876	
5+00W	2+60N	SD 158			129			569	
5+00W	1+50N	SD 157			125			812	
5+00W	0+30N	SD 062	26						
5+00W	0+70S	SD 070	38						
5+50W	1+20N	SD 154			142			387	
5+50W	1+00N	SD 152	96		149			1231	
5+50W	1+20S	SD 076	85						
5+50W	1+40S	SD 074	87						
5+50W	1+50S	SD 073	220						
6+00W	1+00N	SD 148						790	

GRID COORDINATES AND SIGNIFICANT ANOMALOUS VALUES

SOIL SAMPLES

MAIN GRID Coordinates		Sample No.	Au ppb ≥26	Ag ppm ≥1.0	Cu ppm ≥125	Pb ppm ≥100	Zn ppm ≥450	As ppm ≥325	Mo ppm ≥20
6+00W	1+80N	SD 146		10	136			526	
6+00W	0+70N	SD 145	40		161			403	
6+50W	2+20N	SD 141			127				
6+50W	2+00N	SD 139			127		643		
6+50W	1+60N	SD 138			214				
6+50W	1+30N	SD 137			262			368	
6+50W	1+20N	SD 136						536	
6+50W	0+90N	SD 133			136			462	
6+50W	0+90S	SD 089	30						
7+00W	1+30	SD 130			149			529	
7+00W	0+10N	SD 096	52						
7+50W	3+30N	SD 124						427	
8+00W	0+30N	SD 107A			158				
8+00W	0+20S	SD 112A	68						
8+00W	0+30S	SD 113A	15600	8.8	3631			48	
8+00W	0+40S	SD 114A	160						
8+00W	0+50S	SD 115A	205						
8+00W	0+60S	SD 116A	248						
8+50W	2+40N	SD 117						326	
8+50W	0+70N	SD 117A	116						
8+50W	0+20S	SD 126A	45						
0+50E	0+20	SD 203						456	
0+50E	0+40	SD 204						375	
0+50E	0+60	SD 205						534	
0+50E	1+00	SD 207			147			544	
0+50E	1+10S	SD 208						524	
1+00E	0+00	TA 036	31			115			
1+00E	0+20	TA 037		1.0					
1+00E	0+40	TA 038					510		
1+00E	0+60	TA 039				137	869	351	
1+00E	0+80	TA 040			128	129	778	494	
1+00E	1+00	TA 041			189	101	535		23
1+00E	1+20S	TA 042	38		196		490		
1+50E	00	TA 043				170	624		
1+50E	20	TA 044		1.9		100	906		
1+50E	40	TA 045		1.0			521		

GRID COORDINATES AND SIGNIFICANT ANOMALOUS VALUES

SOIL SAMPLES

MAIN GRID Coordinates		Sample No.	Au ppb ≥26	Ag ppm ≥1.0	Cu ppm ≥125	Pb ppm ≥100	Zn ppm ≥450	As ppm ≥325	Mo ppm ≥20
1+50E	60S	TA 046		1.4	136	180	527	425	
1+50E	80S	TA 047				119		401	
1+50E	1+00S	TA 048			206	128	453		
1+50E	1+20S	TA 049			157	151	611		
1+50E	1+60S	TA 051			158	114			
1+75E	1+00S	SD 291		1.2					
1+75E	1+60S	SD 294		1.7					
1+75E	2+20S	SD 297		1.1					
1+75E	2+80S	SD 300	58	9.3	921	1330	4954	2055	91
2+50E	0+20S	SD 210						460	
2+50E	0+40S	SD 211		1.4	153				
2+50E	1+00S	SD 214		3.7					
2+50E	1+40S	SD 216					730	580	
3+00E	0+00S	MS 026		1.1					
3+00E	1+40S	MS 033					463		
3+00E	2+20S	MS 037			129				
3+00E	3+00S	MS 041		1.6					
3+50E	0+40N	SD 302		2.9			1387	400	
3+50E	1+20S	SD 251		1.3					
3+50E	2+40S	SD 257		1.3					
3+50E	3+00S	SD 260		1.1					
3+50E	3+20S	SD 261		4.7		161			
3+50E	4+00S	SD 264		1.7					
3+50E	4+80S	SD 267A		3.6					
4+00E	0+60N	SD 308		2.4	444		2853		25
4+00E	0+80N	SD 309		1.7			664		
4+00E	1+00N	SD 310	79						
4+00E	0+40S	AK 021			132	179	595	492	
4+00E	0+80S	AK 023							40
4+00E	1+00S	AK 024							20
4+00E	1+40S	AK 026		1.2	236	111	1456	874	
4+00E	1+60S	AK 027			630	111	1459	758	
4+00E	2+60S	AK 032		2.4					
4+00E	3+60S	AK 037		1.1					
4+00E	3+80S	AK 038		1.4					
4+00E	4+60S	AK 042		1.1					
5+00E	0+20S	SD 269		1.1					

GRID COORDINATES AND SIGNIFICANT ANOMALOUS VALUES

SOIL SAMPLES

MAIN GRID Coordinates		Sample No.	Au ppb ≥26	Ag ppm ≥1.0	Cu ppm ≥125	Pb ppm ≥100	Zn ppm ≥450	As ppm ≥325	Mo ppm ≥20
5+00E	0+40S	SD 270		1.1					
5+00E	1+20S	SD 274	41						
5+00E	1+60S	SD 276					637	406	
5+00E	1+80S	SD 277		1.3	175		1496		
5+00E	2+00S	SD 278							26
5+00E	2+20S	NS							21
5+00E	2+40S	SD 279							24
5+00E	2+60S	SD 280							24
5+00E	2+80S	SD 281	490	2.8		319		2707	
6+00E	0+80N	SD 331		1.3					
6+00E	0+80S	AK 047		2.6				551	
6+00E	1+40S	AK 050		1.6					47
6+00E	1+60S	AK 051		1.5					
6+00E	1+80S	AK 052			278				
6+00E	2+20S	AK 054		3.2					
6+00E	2+60S	SD 504		2.2	313				21
6+00E	2+80S	SD 505							17
6+00E	3+00S	SD 506		1.6	303		4236		19
6+00E	3+20S	SD 507		2.3		163	832		22
7+00E	0+20S	SD 492		1.3					
7+00E	0+40S	SD 493		1.8					
7+00E	0+60S	SD 494		1.6					
7+00E	0+80S	SD 495		1.5					
7+00E	1+20S	SD 497		1.6					
7+00E	2+00S	SD 501		2.4	188				
7+00E	2+20S	SD 502	43	11.6	810	382	2981	3968	39
7+00E	2+40S	SD 503		1.9	353	138	1771		29
L1+75E	2+60S	AK 234	49						
L1+75E	3+00S	AK 235		1.4					
L1+75E	3+20S	AK 236	127						
L1+75E	3+40S	AK 237		1.2					

GRID COORDINATES AND SIGNIFICANT ANOMALOUS VALUES

SOIL SAMPLES

N.E. GRID Coordinates		Sample No.	Au ppb ≥26	Ag ppm ≥1.0	Cu ppm ≥125	Pb ppm ≥100	Zn ppm ≥450	As ppm ≥325	Mo ppm ≥20
0+50NE	0+00SE	SD 388		3.6		592	438		
0+50NE	0+40SE	SD 390	560						
0+50NE	0+80SE	SD 392		2.2					
0+50NE	1+00SE	SK 393		3.3				641	
1+00NE	1+80SE	SD 380							23
1+00NE	1+20SE	SD 382		2.6					
1+00NE	1+40SE	SD 383		1.7					
1+00NE	1+60SE	SD 384		1.2					
1+00NE	1+80SE	SD 385		2.4				1138	23
1+00NE	2+20SE	SD 387	54	1.5	231	158	469	1727	
1+50NE	0+60NW	SD 346					928	2611	35
1+50NE	0+20NW	SD 344		1.0		127			
1+50NE	0+00SE	AK 058	42	1.9	239	215	544	1236	
1+50NE	0+80SE	AK 062		1.1					
1+50NE	1+00SE	AK 063	45	1.5	356			410	27
1+50NE	1+20SE	AK 064	82	1.5	598			328	103
1+50NE	1+40SE	AK 065			598				255
BL FORK		AK 056	50	6.3	414	148	431	405	22
BL FORK		AK 057	48	1.4	176	103	604	530	
2+00NE	0+40NW	MS 062		1.3					
2+00NE	0+20NW	MS 061							57
2+00NE	0+40SE	MS 065		1.0					
2+50NE	0+00SE	SD 322	21						
2+50NE	0+20SE	SD 323		1.0					
2+50NE	0+80SE	SD 326		1.0					
2+50NE	1+00SE	SD 327							23
		SD 335			339				
		SD 336	75		282			1021	
		SD 337	23		163				107
		SD 338							20
		SD 339							24
3+00NE	1+20NW	MC 043							53
3+00NE	1+40NW	MC 044						708	63
3+00NE	1+20NW	MC 048		1.1					
3+00NE	1+40NW	MC 049		1.1					
3+00NE	1+60NW	MC 050		1.6					
3+00NE	1+80NW	MC 051				151		650	

GRID COORDINATES AND SIGNIFICANT ANOMALOUS VALUES

SOIL SAMPLES

N.E. GRID Coordinates		Sample No.	Au ppb ≥26	Ag ppm ≥1.0	Cu ppm ≥125	Pb ppm ≥100	Zn ppm ≥450	As ppm ≥325	Mo ppm ≥20
3+00NE	2+40SE	MC 054							35
3+00NE	2+60SE	MC 055							27
3+00NE	2+80SE	MC 056		1.8			737	2240	25
3+00NE	1+40SE	MC 059					940		
3+00NE	1+60SE	MC 060		1.6			546		71
3+50NE	0+00NW	347	92	1.6	202	155		1032	
3+50NE	0+20SE	351			180		612	615	32
3+50NE	0+40SE	352						662	33
3+50NE	0+60SE	353							31
3+50SE	1+00SE	355		5.5					
3+50NE	1+40SE	357		1.4					22
3+50NE	1+60SE	358		1.2		110		478	35
4+00NE	0+00SE	SD 365		1.1	329			625	
4+00NE	0+40SE	SD 367						369	
4+00NE	1+00SE	SD 370							33
4+00NE	1+20SE	SD 371		3.5					
4+00NE	1+40SE	SD 372		5.6				632	
4+00NE	1+60SE	SD 373							23
5+00NE	0+00SE	AK 151	105	1.2	264	192	777	1661	
5+00NE	0+20SE	AK 152		6.5	581	2582	3271	2650	
5+00NE	0+60SE	AK 154				167			26
5+00NE	1+00SE	AK 156		1.2					
5+00NE	1+40SE	AK 158							28
5+00NE	1+60SE	AK 159			286				
5+00NE	1+80SE	AK 160			160				26
6+00NE	0+00SE	AK 161	67	1.7	955		1026	915	
6+00NE	0+40SE	AK 163	28						
6+00NE	0+80SE	AK 165		1.1		106			30
6+00NE	1+20SE	AK 167						1206	27
6+00NE	1+40SE	AK 168			382				24
6+00NE	1+80SE	AK 170							25
7+00NE	0+00SE	SD 418	25	2.5	282	432	617	1002	
7+00NE	0+20SE	SD 419		2.3			295	651	
7+00NE	1+00SE	SD 423							30
7+00NE	1+40SE	SD 425		173					
8+00NE	0+00SE	SD 407	72						
8+00NE	0+40SE	SD 409	195						

GRID COORDINATES AND SIGNIFICANT ANOMALOUS VALUES

SOIL SAMPLES

N.E. GRID Coordinates		Sample No.	Au ppb ≥26	Ag ppm ≥1.0	Cu ppm ≥125	Pb ppm ≥100	Zn ppm ≥450	As ppm ≥325	Mo ppm ≥20
8+00NE	0+80SE	SD 411	34						
8+00NE	1+00SE	SD 412	29					674	
8+00NE	1+20SE	SD 413							38
8+00NE	1+80SE	SD 416		1.0					
8+00NE	2+00SE	SD 417			475			472	46
9+00NE	1+20SE	SD 402							30
9+00NE	1+80SE	SD 405	260	1.1	367	280	610	416	
L1+50NE	1+80SE	AK 247		4.0					
L1+50NE	2+00SE	AK 248		1.5					
L1+50NE	2+20SE	AK 249		2.5					
L1+50NE	2+40SE	AK 250		1.5					
L1+50NE	2+60SE	AK 251		1.5					
L4+00NE	0+40NW	AK 262		1.5					
L4+00NE	0+60NW	AK 263		1.3					
L5+00NE	0+20NW	AK 264	66		269				

GRID COORDINATES AND SIGNIFICANT ANOMALOUS VALUES

SOIL SAMPLES

N.W. GRID Coordinates		Sample No.	Au ppb ≥26	Ag ppm ≥1.0	Cu ppm ≥125	Pb ppm ≥100	Zn ppm ≥450	As ppm ≥325	Mo ppm ≥20
1+00N	1+60W	SD 446	53						
1+00N	1+20W	SD 444	31						
1+00N	1+00W	SD 443	62						
1+00N	0+80W	SD 442	77						
2+00N	0+60W	SD 452	70						
3+00N	0+00W	AK 181	33						
3+00N	0+20W	AK 182	165						
3+00N	0+40W	AK 183	58						
3+00N	0+60W	AK 184	26						
3+00N	0+80W	AK 185	335		496				
3+00N	1+00W	AK 186			962				
3+00N	1+20W	AK 187	94						
3+00N	1+40W	AK 188	53						
4+00N	2+20W	AK 195	27		315				
4+00N	2+00W	AK 196	37	1.0					
4+00N	1+60W	AK 198	26						
4+00N	1+40W	AK 199	360		342				
4+00N	1+20W	AK 200	210						
4+00N	1+00W	AK 201	240	6.3	232				
4+00N	0+60W	AK 203	63						
4+00N	0+40W	AK 204		1.3					
4+00N	0+00W	AK 206	250		242				
5+00N	0+40E	SD 515			161				
5+00N	1+00E	SD 518	215	1.9					
5+00N	1+20E	SD 519	195	1.5	297				
5+00N	1+40E	SD 520	63	3.2	477				
6+00N	0+20E	276		1.3					
6+00N	1+00E	529	335						
6+00N	1+20E	530	62						
6+00N	1+60E	532	49		201				
6+00N	1+80E	533	1560	11.8	490				
6+00N	2+00E	534	33		211				
6+00N	2+20E	535	425		438				
6+00N	2+40E	536	53		417				
6+00N	2+60E	537		1.0					
5+00N	2+25E	524	44						
6+00N	3+00E	539	24		145				

GRID COORDINATES AND SIGNIFICANT ANOMALOUS VALUES

SOIL SAMPLES

A.R. GRID Coordinates		Sample No.	Au ppb ≥26	Ag ppm ≥1.0	Cu ppm ≥125	Pb ppm ≥100	Zn ppm ≥450	As ppm ≥325	Mo ppm ≥20
L0+00E	2+50S	MS 72		1.9					21
L2+00E	0+00S	AK 209	39						
L3+00E	2+00S	AK 222	24						
L3+00E	0+00S	AK 226	23						

APPENDIX III

U.T.M. COORDINATES & ASSAYS - ROCK CHIP SAMPLES

Sample No.	U.T.M. Coordinates North	East	Gold oz/ton	Silver oz/ton
73AK001	6298430	383500	2.620	0.66
74AK003	6298400	383580	0.005	0.50
73AK005	6300500	583150	0.005	<0.01
73AK006	6300340	382780	TR	<0.01
73AK007	6300350	382260	0.01	<0.01
73AK010	6296980	385010	0.005	3.40
73AK013	6296370	384880	TR	0.03
74AK015	6296050	384690	0.005	<0.01
73AK017	6298465	383760	0.005	0.71
73AK018	6298310	383380	0.005	0.48
73AK069	6299180	383730	0.250	1.18
73AK171	6299100	384660	1.020	-
73AK172	6299320	383200	TR	-
73AK180	6299550	383192	0.002	-
73AK179	6299620	383440	0.750	-
73AK207	6300280	382310	0.130	0.13
74AK208	6299840	382130	0.010	-
73AK230	6229180	383690	0.04	0.01
73AK231	6298200	383390	0.003	-
73AK232	6298010	383680	0.001	-
73AK233	6298220	383410	TR	0.11
73AK240	6298810	383420	0.096	0.08
73AK241	6298830	383450	0.003	0.08
73AK242	6299190	384730	0.001	0.02
73AK243	6298890	383910	0.001	0.05
73AK244	6298830	383850	0.002	0.02
73AK245	6298840	383830	0.001	0.12
73AK246	6298820	383760	0.002	0.05
73AK254	6297300	383430	0.16	2.30
73AK255	6299150	383750	TR	0.04
73AK256	6299140	383760	TR	0.60
73AK257	6299130	383780	TR	<0.01
73AK258	6299120	383800	TR	0.26
73AK259	6299100	384660	TR	0.01
73AK260	6299090	384640	TR	0.01
73AK267	6299150	384690	TR	0.01
73AK268	6299140	384695	0.005	1.60
73AK269	6299700	383375	0.001	<0.01
73AK279	6299700	385220	0.002	0.06
73AK280	6299610	385300	TR	12.30

U.T.M. COORDINATES & ASSAYS - ROCK CHIP SAMPLES

Sample No.	U.T.M. Coordinates North	East	Gold oz/ton	Silver oz/ton
73AK281	6299650	385350	tr	2.15
73AK282	6299230	384800	0.001	0.43
73AK001	6299870	383780	2.62	0.66
73AK002	6299960	383530	0.005	0.02
73AK004	6299950	383640	0.005	<0.01
73AK283	6300800	381385	TR	0.01
73AK284	6300560	381190	0.005	<0.01
73AK285	6300460	381270	0.005	0.01
73AK286	6300420	381260	TR	0.01
73AK287	6300360	381285	0.01	<0.01
73AK227	6299870	383280	TR	-
73AK228	6299800	383400	-	-
73AK229	6299730	383450	TR	1.01
73AK008	6299430	383840	0.02	<0.01
73AK009	6299660	383660	0.200	0.060
73AK288	6299600	383390	0.18	0.04
73MS086	6299830	383650	TR	-
73SD151	6299830	383800	0.230	0.02
73SD105	6299040	383470	0.240	0.11
73SD134	6299030	383600	0.005	<0.01
73SD164	6298950	383030	0.005	0.03
73SD165	6299010	383980	0.005	<0.01
73SD200	6298400	383580	TR	0.04
73SD201	6298390	383520	0.005	0.03
73SD226	6298640	385060	TR	<0.01
73SD246	6298320	383370	0.010	0.27
73SD466	6298020	383900	TR	<0.01
73SD490	6298780	383690	0.005	0.01
73SD508	6299170	383250	0.005	0.04
73SD510	6299600	383300	0.005	0.04
73SD550	6300800	381320	0.020	<0.01
73SD551	6300350	381090	0.220	0.44
74SD552	6300320	381040	0.010	<0.01
74SD553	6300310	381060	0.400	0.51
73SD166	6299750	383610	0.005	<0.01
73TA019	6229740	383260	TR	<0.01
73TA020	6298990	383250	0.005	0.06
73TA021	6298990	383250	TR	0.01
73TA052	6297600	384750	TR	<0.01
73TA053	6297500	384590	0.005	<0.01

U.T.M. COORDINATES & ASSAYS - ROCK CHIP SAMPLES

Sample No.	U.T.M. Coordinates North	East	Gold oz/ton	Silver oz/ton
73TA057	6297520	384240	0.005	<0.01
73TA061	6298840	383840	0.01	0.02
73TA062	6298470	383840	0.01	<0.01
73TA063	6298840	383840	0.04	0.06
73TA064	6298840	383840	TR	<0.01
73TA065	6298840	383840	TR	0.27
73TA032			0.005	0.01

GULF INTERNATIONAL MINERALS LTD.
MCLYMONT CREEK - 1987

U.T.M. COORDINATES & ASSAYS - STREAM SEDIMENTS

Sample No.	U.T.M. Coordinates North	East	Gold ppb	Silver ppb
72TA001	6299650	382480	11	0.1
72TA002	6299800	382540	1	0.1
72TA003	6299970	382580	1	0.1
72TA004	6300110	382520	1	0.1
72TA005	6300270	382570	29	0.1
72TA006	6300600	382960	4	0.1
72TA007	6300750	382610	5	0.1
72TA008	6300500	382390	22	0.1
72TA009	6300430	382320	5	0.1
72TA010	6300360	381920	1	1
72TA011	6300300	381640	1	0.1
72TA012	6300260	381300	350	0.1
72TA014	6298740	382120	260	0.2
72TA015	6298520	382610	25	0.2
72TA016	6298430	382950	1	0.3
72TA017	6298520	383230	1	0.6
72TA018	6298540	383560	1	1
72TA022	6299500	383270	3	0.1
72TA023	6299260	383200	16	0.3
72TA024	6299340	383210	14	4.6
72TA025	6299450	383190	12	0.5
72TA026	6298790	383900	1	0.6
72TA027	6298580	383560	1	0.1
72TA028	6296910	383520	6	0.8
72TA029	6296710	383590	5	1.3
72TA030	6296400	384100	1	2.2
72TA031	6296500	384570	1	1.4
72TA032				
72TA033	6296570	384750	2	1.2
72TA034	6296620	384740	1	0.7
72TA035	6296530	384390	1	0.2
72TA055	6297580	384360	2	0.6
72TA056	6297540	384380	2	0.1
72TA058	6296410	383960	2	0.4
72TA059	6296190	383830	2	0.1

U.T.M. COORDINATES & ASSAYS - STREAM SEDIMENTS

Sample No.	U.T.M. Coordinates North	East	Gold ppb	Silver ppb
72TA060	6296020	383830	2	0.1
72SD227	6296530	384890	1	3.0
72SD228	6296570	384780	2.0	2.0
72SD461	6297470	382700	1	0.2
72SD462	6297610	382650	1	0.2
72SD463	6297730	382630	1	0.5
72SD464	6297790	382640	9	0.5
72SD465	6298130	384090	1	1.8
72SD467	6297960	383680	2	1.3
72SD509	6299540	383250		
72SD469	6298500	383640	1	0.7
72AK011	6296880	385000	1	1.3
72AK012	6296330	384860	6	3.1
72AK014	6296070	384690	5	2.9
72AK016	6296340	384420	2	7.0
72AK056	6298750	384410	50	6.3
72AK057	6298780	384400	48	1.4
72AK252	6297990	381080	26	0.5
72AK228	6298780	382400		
72TA013	6299230	381120	82	0.5

ASSAY-LOG GULF INTERNATIONAL MINERALS PROPERTY McLymont

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	Auoz/t	Ag oz/t
73AK001	10"	6+00W	0+20S	approx Qtz py cpy	2.62	.66
002	8"	8+75W	1+00S	" Qtz py	.005	.02
74Ak003	float	elev 2300'pipeline ck. Qtz py-sph-gal			.005	.50
004	10"	7+75W	0+20S	approx Qtz-py in Q.P.	.005	<.01
005	near ice grid			Qtz py in Q.P.	.005	<.01
006	36" near ice grid			Andesite dyke	tr.	<.01
007	15" Ice grid			py vein in and.	.01	<.01
008	6"	200meters WSW of camp Qtz py			.02	<.01
73SD001	dissem	1+00W	0+10S	≃ And, som cpy py Qtz	tr.	<.01
105	dissem to 60in	9+50W	0+30 S	≃ QP py cpy	.005	<.01
116	4"	8+00W	0+10S	≃ cp py Qtz	tr	<.01
134	4-10"	8+25W	0+20 S	≃ Qtz cp py vein	.240	.11
151	6-8" trench 5+75W 0+30S			Qtz py cpy/granite	.230	.02
166	4-8"	6+75W	?+00S	≃ Ca/Qtz QP diss cp py		
167	2-4"	4+00W	2+50 N	≃ dalite/rhy /aon/Q/cp/py vein		

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Trenching on creek vein

ASSAY-LOG GULF INTERNATIONAL MINERALS PROPERTY McLymont Ck.

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	Au/oz/t	Ag oz/t		
1201	grab			Qtz-py-sph.	.420	.04		
1202	1 M.			" " "	.100			
1203	Trench 1			" " "	.240			
1204				Alt Qtz P	.080			
1205				Alt Qtz P	.040			
1206				grey-green andesite 3% py	.005			
1207				Qtz py	.160			
1208	Trench 2			" "	.020			
1209				" "	.180			
1210				" "	.110			
1211				Alt. Qtz. Porphry	.070			
1212				" " "	trace			
1213				" " "	.020			
1214				" " "	.040			
1215	Trench 3A			Qtz. py tr. cpy	.190			
1216				" " " "	.140			
1217				" " " "	.100			
1218				" " " "	.120			
1219	Trench 3B			Alt Qtz porphyry	.010			
1220				" " "	.005			

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ASSAY-LOG DDH-87-7 GULF INTERNATIONAL MINERALS PROPERTY McLymont

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)
1314	10.0	85.0	75.0	composite 6" every 5'
1315	85.0	90.0	5.0	chert bx qtz veining 2% py
1316	90.0	95.0	5.0	" " " " "
1317	95.0	100.0	5.0	" ", " "
1318	100.0	105.0	5.0	" " " "
1319	105.0	109.5	4.5	" " " "
1320	202.0	207.0		Alt. Q.P. 3%py
1321	207.0	210.0		Qtz. py. cp. vein
1322	210.0	215.0		AND.1-3% py tr graph
1323	215.0	220.0		" " " "
1324	220.0	223.0		" " " "
1910	main grid 8+50W 2+00N			0.4 ft. Qtz py cp arspy vein in op
1911	" " " "			0.4 ft. " " " " "
1912	" " " "			0.4 ft. " " ": "
73AK230	" " " "			1.8ft. Barite cal sph arspy py vein

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PROSPECTING N.E. GRID, MAIN GRID

ASSAY-LOG	GULF INTERNATIONAL MINERALS				PROPERTY			
SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)				
73AK231	L1-75E	H80S	Main grid	10" Qtz. Py. vein				
232	L5+00E	2+80 S	main grid	float And.with Sph.py. frac fill				
233	L2+00E	2+60S	main grid	80' graphitic siltstone				
240	Bl.0+30	NE	NE grid	3" Qtz. cal. py.sph. stringer				
241	BL.0+65	NE	NE grid	14" Qtz. py. vein				
242	BL.5+20	NE	NE grid	30" Qtz.py.along contact zone				
243	4+75NE	2+50SE	NE grid	12" Qtz.py in and.				
244	3+50NE	2+40SE	NE grid	float(angular) Qtz.py.mo. vein				
245	" "	"	"	8" py. graphite vein				
246	2+75NE	2+25SE	NE grid	10" Qtz.py. in pyritic alt.and				

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ASSAY-LOG GULF INTERNATIONAL MINERALS PROPERTY McLYMONT

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	Au.
73Ak 253	W.edge of McLymont float			Qtz py in QP	
254	1.0 km S.of camp on McLymont creek 12" Qtz PY gal sph in black slt.				
255	main grid 8+00W	2+00 N		Qtz py in and.	
256	7+50W	2+00N	3"	py arspy in and.	
257	6+75 W	2+00N	3"	py arspy in and.	
258	barite vein	6+50 W	2+00N	45" Ba cal.cp. in and.	
73SD466	main grid 8+00E creek			py cp in contact zone	
1907	tr. 11(10mE. of tr.3)			24" Alt. Q.P. 3%py	.05
1908	" "	"	"	8" Qtz py vein in Q.P.	
1909	" "	"	"	24" Alt. Q.P. 3% py	tr.
74AK207	ice grid float			massive py tr.cp	.13
208	300m.E. of ice grid float			Qtz py	.01
DDH-87-6					
1325	76'	81'			
1326	81'	86'			
1327	86'	91'			

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ASSAY-LOG GULF INTERNATIONAL MINERALS PROPERTY McLymont

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	Au.			
1328	105'	110'						
1329	110'	115'						
1330	115'	120'						
1331	120'	125'						
1332	125'	130'						
1333	100'	105'						

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ASSAY-LOG GULF INTERNATIONAL MINERALS PROPERTY McLYMONT

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	Au oz/t	Ag oz/t		
73SD200	~ 10"	2+20E	0+60S ≈	and/rhyflow dissem Cp/Py/Qtz/Bor	tr	.04		
201		1+75E	1+00S ≈	chert/rhy var sulphides	.005	.03		
74SD226	float	~3900"	in slide ≈	Cu/Cpy/Py/ in rhy gangue				
1258	TR9A			QTZ. Py. cp. vein	.38	.28		
1259	TR9B			" " " "	.83	.90		
1260	Flyrock			" " " "	.48	2.60		
1261	TR9C			" " " "	1.02	.50		
1262	TR9D			" " " "	.26	.70		
1263	TR4			" " " "	.87	.30		
1264	TR5A			" " " "	.10	.04		
1265	5A+B			" " " "	.10	.42		
1266	5B			" " " "	1.02	.54		
1267	TR6			" " " "	2.84	.58		
1268	TR7A			" " " "	.79	.15		
1269	TR7B			" " " "	.28	<.01		
1270	TR8			cp. py. vein	.01	1.00		
	72			"				
1271	TA062			QTZ cp sp trace fill	.01	<.01		

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ASSAY-LOG GULF INTERNATIONAL MINERALS PROPERTY McLymont

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)				
DDH	87-4							
1224	87-4	50.3	55.3	QTZ. PY	.02	.02		
1225	87-4	80.8	84.0	ALT. QTZ PORPHYRY	TR.	.12		

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TRENCHES 4-9

DDH 87-5

ASSAY-LOG GULF INTERNATIONAL MINERALS PROPERTY McLYMONT

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	AU oz/t	AGoz/t		
1226	16	20			0.005	0.08		
1227	28	30			0.005	0.02		
1228	48	50			0.005	0.03		
1229	81	83			tr	<0.01		
1230	93	96			tr	<0.01		
1231	114	118			tr	0.10		
1232	136	139			0.14	<0.01		
					CU%	PB%	ZN%	AGoz/t
1233	11	16			.02	.01	.01	.02
1234	16	19			.02	.01	.01	.05
1235	19	26			.01	.01	.02	.01
1236	36	39			.01	.01	.50	.01
1237	54	59			.01	.01	.01	.01
1238	59	65			.01	.01	.01	.01
1239	69	72			.01	.01	.01	.03
1240	79.5	84.5			.01	.01	.01	.01
1241	84.5	89.5			.01	.01	.01	.01
1242	89.5	94.5			.01	.01	.01	.01
1243	94.5	98.5			.02	.01	.02	.01

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DDH 87-5

ASSAY-LOG GULF INTERNATIONAL MINERALS PROPERTY McLYMONT

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	CU%	PB%	ZN%	AGoz/t
1244	98.5	103.5			.01	.01	.01	.01
1245	103.5	106.2			.01	.01	.01	.03
1246	106.2	111			.01	.01	.01	.01
1247	111	114			.01	.01	.01	.01
1248	114	118			.03	.01	.01	.03
1249	118	123			.03	.01	.01	.01
1250	138	140	EOH		.02	.01	.01	.11

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ASSAY-LOG GULF INTERNATIONAL MINERALS PROPERTY MCLYMONT

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	AU OZ/T	AG OZ/T
73 TA 052				DACITE 3% PY	TR	<.01
'' 053				CHERT 3% py	.005	<.01
057				'' ''	.005	<.01
061	ROCK CHIP PROSPECTING				.010	.02
063	SAMPLES.				.040	.06
064					tr	<.01
065					tr	.27
032					.005	.01
73AK009	approx 6700W 2+00S		30 in.	QTZ PY. CP. VEIN	.200	.060
010	PROSPECTING ON MCLYMONT		10 IN.	QTZ CP PY FREE FILL	.005	.3.40
013	1 EAST RIDGE		100 IN.	SPH GAL CAL	TRACE	.03
015		FLOAT		CAL SPH	.005	<.01
017	PIPELINE OK		10''	PYRITE ALONG FRACTURE	.005	.71
018	TRENCH 10 STRINGER		3''	QTZ PY VEIN	.005	.48
069	APPROX 8+00W 2+00N		4''	QTZ PY CP VEIN	.250	1.18
73SD200	2+40E	0+50 E			tr	.04
73SD 201	2+20E 0+90S				.005	.03
226	EAST RIDGE MCL-1		30''		TR	<.01
246	TRENCH 10 STRINGER		5"		.01	.27

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ASSAY-LOG GULF INTERNATIONAL MINERALS PROPERTY MCLYMONT

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	AUOZ/T	AG OZ/T		
69901	C3 GRID ONREG 1 AND REG 8 CLAIMS	8"		QTZ. PY. CP. VEIN	.005	.35		
69902		30"		QTZ.PY.CP. VEIN	.005	.01		
69903		4"		QTZ. PY. CP. FRAC FILL	.020	1.64		
69904		30"		QTZ. SPH. CP. FRAC. FILL	.005	.12		
69905		10"		QTZ.ASPY.PY. CP. VEIN	.040	.07		
69906		10"		QTZ PY.CP. VEIN	7.350	.8.85		
69907		8"		QTZ. GAL. SPH. VEIN	.130	23.88		
1221	TRENCH 10, 34M		39"	BARITE,PY. QTZ VEIN	.005	<.01		
1222	SOUTH OF TRENCHES 1-3		39"	" " " "	.005	<.01		
1223			39"	" " " "	.005	<.01		
1251	73TA019	ROCK PROSPECTING SAMPLES		CHERT 52 PY.	TRACE	<.01		
1252	73TA012			CHERT 52 PY.	TRACE	<.01		
1253	73TA020			CHERT TRACE SPH	.005	.06		
1254	73SD166				.005	<.01		
1255	73SD164				.005	.01		
1256	73SD167				.005	<.01		
1257	73SD165				.005	<.01		

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63 GRID.TRENCH 10 PROSPECTING

DDH 87-6

ASSAY-LOG GULF INTERNATIONAL MINERALS PROPERTY MCLYMONT

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)				
1301	22.5	25.5	3.0	QTZ CP VEINLET BX				
1302	47.8	52.3	4.5	QTZ PT. VEINLET BX				
1303	107.5	109.5	2.0	QTZ PY FAULT GOUGE				
1304	132.8	137.8	5.0	AH. QTZ. PORPHYRY				
1305	137.8	140.8	3.0	QTZ PY. CP. VEIN 10% PY.				
1306	140.8	143.8	3.0	" " " "				
1307	143.8	148.8	5.0	ALT. QTZ. PORPHYRY				
1308	148.8	153.8	5.0	" " "				
1309	153.8	158.8	5.0	" " "				
1310	195.0	197.0	2.0	QTZ, SPH. GAL. FRAC. FILLING				

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DDH 87-5 additional sampling,trenches 11,14, 15, 16

ASSAY-LOG	GULF INTERNATIONAL MINERALS				PROPERTY
SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	
DDH 87-5 1311	128.0	133.0	5.0	Alt.Q.P. 1% diss py bleached white	
1312	133.0	136.0	3.0	Alt. Q.P. " " " "" "	
1313	140.0	145.0	5.0	Alt. Q.P. 1% diss py. tr. cp. frac. fill	
trench14 1901	L5+80W	0+30S	main grid	0.8ft. Qtz. py.cp. vein in Q.P.	
1902	L5+50W	" "	0.8ft.	" " " " Q.P.	
1903	L5+80W	" "	0.3 ft	", " " " frac fill in Q.P.	
trench 16 1904	L7+00W	0+15S	0.8ft.	Pink cal.qtz py bx contact zone	
trench 15 1905	L5+50W	0+45S	1.0 ft.	Mal. cp. barite in Q.P.	
1906	" "	0+45S	1.0 ft.	Py tr. cp. frac. fill 40% qtz in Q.P.	
Prospecting 73AK-171	north east grid	BL 4+60NE	angular	float Qtz py graphite	
172	high as	ck	3.5	Qtz Sph Cal in QP contact with chert	
180	"" "	"	0.3ft.	Qtz. ar spy py along shear	
179	"	"	1.0 ft.	Qyz. sph. py. in andesite along shear	
227	AR grid	W.of main grid	0.3 ft.	Qtz cp stringer in Q.P.	

ASSAY REPORT: DATE: HOLE NO. PAGE____OF____

DDH-87-5 additional sampling, trenches 11,14, 15, 16

ASSAY-LOG	GULF INTERNATIONAL MINERALS				PROPERTY			
SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)				
73AK-229	AR grid	W.of ma	in grid	1.0 ft. Qtz. gal.py. graph in frac vol.				
73MS-86	"	"	""	"""" 1.0 ft. Qtz py cp lens along dyke contact in Q.P.				

ASSAY REPORT: DATE: HOLE NO. PAGE____ OF____

ASSAY-LOG	GULF INTERNATIONAL MINERALS				PROPERTY Mclymont			
SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	AUOZ/T	AGOZ/T		
73SD550	ICE GRID (CREEK) 20M SWOF 6+00N 3_00W		6"	MASSIVE PY + CPY VEIN ANK+QTZ	.02	<0.01		
73SD551	W CREEK,40M S OF 3+00N			MAGNETITE	0.22	0.44		
74SD552	W CREEK 30M N OF2+00N 2FT			SOME QTZ.	0.01	<0.01		
74SD553	1+50N	BASELINE		(CLOSE TO SOURCE) FLOAT- CPY/PY IN VOLCANICS	0.40	0.51		
74AK283	6+00N	3+00E	FLOAT	ANKERITE,CP IN VOL. CONGL	TR.	0.01		
73AK284	4+80N	1+30E	60"	MASSIVE PY TR.CP. MAG IN SLT	0.005	0.01		
73AK285	3+00N	0+80E	12"	QTZ. ANKERITE,PY	0.005	<0.01		
73AK286	1+80N	0+60E	10"	Qtz. py. in andesite	TR	0.01		
73AK287	1+40N	0+40E	80"	massive py. in ck.	.01	<0.01		

N WEST GRID

ASSAY REPORT: DATE: AUGUST 27,1987 HOLE NO. PAGE OF

ASSAY-LOG GULF INTERNATIONAL MINERALS PROPERTY MCLYMONT

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	Au	Ag
73AK288	HIGH AS CK		12"	QTZ. PY ARSPY VEIN	.18	.04

ASSAY REPORT: DATE: AUGUST 31, 1987 HOLE NO. PAGE OF

ASSAY-LOG GULF INTERNATIONAL MINERALS PROPERTY MCLYMONT

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	AU OZ/T	AG OZ/T
73 TA 052				DACITE 3% PY	TR	<.01
'' 053				CHERT 3% py	.005	<.01
057				'' ''	.005	<.01
061	ROCK CHIP PROSPECTING				.010	.02
063	SAMPLES.				.040	.06
064					tr	<.01
065					tr	.27
032					.005	.01
73AK009	approx 6+00W 2+00S		30 in.	QTZ PY. CP. VEIN	.200	.060
010	PROSPECTING ON MCLYMONT		10 IN.	QTZ CP PY ~~FREE GOLD~~ frac. fill.	.005	.3.40
013	1 EAST RIDGE		100 IN.	SPH GAL CAL	TRACE	.03
015		FLOAT		CAL SPH	.005	<.01
017	PIPELINE OK		10''	PYRITE ALONG FRACTURE	.005	.71
018	TRENCH 10 STRINGER		3''	QTZ PY VEIN	.005	.48
069	APPROX 8+00W 2+00N		4''	QTZ PY CP VEIN	.250	1.18
73SD200	2+40E	O+50 E			tr	.04
73SD 201	2+20E 0+90S				.005	.03
226	EAST RIDGE MCL-1		30''		TR	<.01
246	TRENCH 10 STRINGER		5"		.01	.27

ASSAY REPORT: DATE: JULY 23,1987 HOLE NO. PAGE 1 OF 1

ASSAY-LOG	GULF INTERNATIONAL MINERALS	PROPERTY MCLYMONT

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	AUOZ/T	AG OZ/T
1251	73TA019	ROCK PROSPECTING SAMPLES		CHERT 5% PY.	TRACE	<.01
1252	73TA012			CHERT 5% PY.	TRACE	<.01
1253	73TA020			CHERT TRACE SPH	.005	.06
1254	73SD166			Chert 5% py.	.005	<.01
1255	73SD164			" "	.005	.01
1256	73SD167			" "	.005	<.01
1257	73SD165			" "	.005	<.01

ASSAY REPORT: DATE: JULY 23,1987 HOLE NO. PAGE 1 OF 1

ASSAY-LOG	GULF INTERNATIONAL MINERALS				PROPERTY McLYMONT			
SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	Au oz/t	Ag oz/t		
73SD200	~ 10"	2+20E	0+60S ≈	and/rhyflow dissem Cp/Py/Qtz/Bor	tr	.04		
201		1+75E	1+00S ≈	chert/rhy var sulphides	.005	.03		
74SD226	float	~3900"	in slide ≈	Cu/Cpy/Py/ in rhy gangue				

1271	TA062			QTZ cp sp trace fill	.01	<.01		

ASSAY REPORT: DATE: July 23.1987 HOLE NO. ~~Trenches 4-9~~ PAGE ~~1~~ OF ~~5~~

ASSAY-LOG DDH-87-7 GULF INTERNATIONAL MINERALS PROPERTY McLymont

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	Au/oz/t	Ag/oz/t
73AK230	"	"	"	1.8ft. Barite cal sph arspy py vein	0.04 (0.002 Acme split)	0.01 (0.12 Acme split)

ASSAY REPORT: DATE: July 31,1987 HOLE NO. [redacted] PAGE ____ OF ____

DDH 87-5 additional sampling,trenches 11,14, 15, 16

ASSAY-LOG	GULF INTERNATIONAL MINERALS				PROPERTY		
SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)		Au/oz/t	Ag/oz/t
Prospecting 73AK-171	north east grid	BL 4+60N	E angular	float Qtz py graphite		1.02	.65
172	high as	ck	3.5	Qtz Sph Cal in QP contact with	chert	tr.	.06
180	"" "	"	0.3ft.	Qtz. ar spy py along shear			
179	"	"	1.0 ft.	Qyz. sph. py. in andesite along	shear	.75	.58
227	AR grid	W.of main grid	0.3 ft.	Qtz cp stringer in Q.P.		tr.	.12

ASSAY REPORT.

DATE: July 23. 1987 HOLE NO. PAGE ____ OF ____

~~DDH 87-5 additional sampling, trenches 11,14, 15, 16~~

ASSAY-LOG	GULF INTERNATIONAL MINERALS				PROPERTY		
SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	Au	Ag	
73AK-229	AR grid	W.of main grid		1.0 ft. Qtz. gal.py. graph in frac vol.	tr	1.01	
73MS-86	"	"	""	"""" 1.0 ft. Qtz py cp lens along dyke contact in Q.P.			

ASSAY REPORT: DATE: July 27, 1987 HOLE NO. PAGE ____ OF ____

PROSPECTING N.E. GRID, MAIN GRID

ASSAY-LOG GULF INTERNATIONAL MINERALS PROPERTY

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	Au/oz/t	Ag/oz/t	MoS_2 %
73AK231	L1-75E	H80S	Main grid	10" Qtz. Py. vein	.003	.31	
232	L5+00E	2+80 S	main grid	float And.with Sph.py. frac fill	.001	.07	
233	L2+00E	2+60S	main grid	80' graphitic siltstone			
240	Bl.0+30NE	NE	grid	3" Qtz. cal. py.sph. stringer	.096	.08	
241	BL.0+65NE	NE	grid	14" Qtz. py. vein	.003	.08	
242	BL.5+20NE	NE	grid	30" Qtz.py.along contact zone	.001	.02	
243	4+75NE	2+50SE	NE grid	12" Qtz.py in and.	.001	.05	
244	3+50NE	2+40SE	NE grid	float(angular) Qtz.py.mo. vein	.002	.02	.007
245	" "	"	"	8" py. graphite vein	.001	.12	
246	2+75NE	2+25SE	NE grid	10" Qtz.py. in pyritic alt.and	.002	.05	

ASSAY REPORT: DATE: Aug 4, 1987 HOLE NO. PAGE____ OF____

ASSAY-LOG	GULF INTERNATIONAL MINERALS				PROPERTY McLYMONT			
SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	Au.		Au	Ag
73Ak 253	W.edge	of McLymont 2	float	Qtz py in QP			tr.	<.01
254	1.0 km	S.of camp on McLymont creek	12"	Qtz PY gal sph in black slt.			0.16	2.30
255	main grid 8+00W	2+00 N		Qtz py in and.			tr	0.04
256	7+50W	2+00N	3"	py arspy in and.			tr	0.60
257	6+75 W	2+00N	3"	py arspy in and.			tr	<.01
258	barite vein	6+50 W	2+00N	45" Ba cal.cp. in and.			tr	.26
73SD466	main grid 8+00E		creek	py cp in contact zone			tr	<.01
74AK207	ice grid float			massive py tr.cp	.13		.13	
208	300m.E. of ice	grid	float	Qtz py	.01			
DDH-87-6								

ASSAY REPORT: DATE: Aug. 7, 1987 HOLE NO. [redacted] PAGE [redacted] OF

ASSAY-LOG GULF INTERNATIONAL MINERALS PROPERTY MCLYMONT CK.

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	AU/OZ/T	AG/OZ/T		
73SD490	2+75NE	2+20SE	NE GRID	PB,ZN,CPY,PY IN AND.	.005	0.01		
73AK259	BL4+80NE	GRID	12"	QTZ,PY	TR	0.01		
73AK260	BL4+80NE	NE GRID	14"	QTZ, CAL, GRAPH,PY, VEIN REPLACEMENT	TR	0.01		
267	"	"	70"	CAL, BX,1%PY CONTACT ZONE	TR.	0.01		
268	"	"	6"	SPH ARSPY? IN FOOTWALL OF SHEAR	0.005	1.60		
74SD508	ELEV.2360' WATER CREEK.2/3 QTZ VEINS, GRAPH AU.? 10"							
73SD510	2610 SIDE CREEK ON WATER CREEK CPY PY SPH 6"							

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APPENDIX IV

ASSAY-LOG	GULF INTERNATIONAL MINERALS				PROPERTY	McLYMONT	
SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	Au.	Au	Ag
1907	tr. 11(10mE. of tr.3)			24" Alt. Q.P. 3%py	.05	.05	
1908	" "	"	"	8" Qtz py vein in Q.P.		2.11	1.11
1909	" "	"	"	24" Alt. Q.P. 3% py	tr.	tr	

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ASSAY-LOG	GULF INTERNATIONAL MINERALS				PROPERTY MCLYMONT			
SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	AUOZ/T	AG OZ/T		
1221	TRENCH 10, 34M		39"	BARITE,PY. QTZ VEIN	.005	<.01		
1222	SOUTH OF TRENCHES 1-3		39"	" " " "	.005	<.01		
1223			39"	" " " "	.005	<.01		

ASSAY REPORT: DATE: JULY 23,1987 HOLE NO. PAGE 1 OF 1

ASSAY-LOG	GULF INTERNATIONAL MINERALS				PROPERTY McLYMONT			
SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	Au oz/t	Ag oz/t		
						04		
1258	TR9A			QTZ. Py. cp. vein	.38	.28		
1259	TR9B			" " " "	.83	.90		
1260	Flyrock			" " " "	.48	2.60		
1261	TR9C			" " " "	1.02	.50		
1262	TR9D			" " " "	.26	.70		
1263	TR4			" " " "	.87	.30		
1264	TR5A			" " " "	.10	.04		
1265	5A+B			" " " "	.10	.42		
1266	5B			" " " "	1.02	.54		
1267	TR6			" " " "	2.84	.58		
1268	TR7A			" " " "	.79	.15		
1269	TR7B			" " " "	.28	<.01		
1270	TR8			cp. py. vein	.01	1.00		
				"				

ASSAY REPORT: DATE: July 23.1987 HOLE NO. Trenches 4-9 PAGE OF

Trenching on creek vein

ASSAY-LOG GULF INTERNATIONAL MINERALS PROPERTY McLymont Ck.

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	Au/oz/t	Ag oz/t		
1201	grab			Qtz-py-sph.	.420	.04		
1202	1 M. Trench 1		1.0 m	" " "	.100			
1203	Trench 1		1.0 m.	" " "	.240			
1204			1.0 m	Alt Qtz P	.080			
1205			1.0 m	Alt Qtz P	.040			
1206			1.0 m	grey-green andesite 3% py	.005			
1207			1.0 m	Qtz py	.160			
1208	Trench 2		1.0 m.	" "	.020			
1209			1.0 m	" "	.180			
1210			1.0 m	" "	.110			
1211			1.0 m	Alt. Qtz. Porphry	.070			
1212			1.0 m	" " "	trace			
1213			1.0 m	" " "	.020			
1214			1.0 m	" " "	.040			
1215	Trench 3A		1.0 m	Qtz. py tr. cpy	.190			
1216			1.0 m	" " " "	.140			
1217			1.0 m	" " " "	.100			
1218			1.0 m	" " " "	.120			
1219	Trench 3B		1.0 m	Alt Qtz porphyry	.010			
1220			1.0 m	" " "	.005			

ASSAY REPORT: DATE: June 23,1987 HOLE NO. trench PAGE ___ OF ___

ASSAY-LOG GULF INTERNATIONAL MINERALS PROPERTY MCLYMONT

140° ANK. VEIN MAIN GRID

SAMPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	AU/OZ/T	AG/OZ/T		
1914	≈7+80W	0+60N	8"	DISS & FRAC. FILL CP. TR 18	0.005	0.17		
1915	≈8+25W	1+80N	12"	ANK SP CP BX TR 19	0.005	0,14		
1916	≈7+90W	1+75N	8"	ANK CP PY TR 20	TR	0.10		
1917	≈7+50W	1+70N	36"	ANK PY TR 21				
1918	≈6+75W	1+60N	12"	ANK PY CP TR 22	TR	0.08		
1919	≈6+75W	1+40N	8"	ANK QTZ PY TR 23	TR	0.05		
1913	7+80W	0+60N	10"	Cal.-ank.-cp. trench 18	TR.	<.01		

ASSAY REPORT: DATE: Aug 27, 1987 HOLE NO. trench 18 PAGE ____ OF ____

trenches 11,14, 15, 16

ASSAY-LOG GULF INTERNATIONAL MINERALS PROPERTY

MPLE NO.	FROM	TO	WIDTH	DESCRIPTION (ROCK TYPE)	Au/oz/t	Ag/oz/t
ench14 1901	L5+80W	0+30S	main grid	0.8ft. Qtz. py.cp. vein in Q.P.	.50	.06
1902	L5+50W	" "	0.8ft.	" " " " Q.P.	.56	.06
1903	L5+80W	" "	0.3 ft	", " " " frac fill in Q.P.	.38	.04
nch 16 1904	L7+00W	0+15S	0.8ft.	Pink cal.qtz py bx contact zone	.04	.08
nch 15 1905	L5+50W	0+45S	1.0 ft.	Mal. cp. barite in Q.P.		.01
1906	" "	0+45S	1.0 ft.	Py tr. cp. frac. fill 40% qtz in Q.P.		.01

BAY REPORT: DATE: Aug. 20, 1987 HOLE NO. trench 14 11 PAGE ____ OF ____

GULF INTERNATIONAL

SKYLINE EXPLORATIONS LTD.
Mine Assay Office

(**Fire Assay)

Date	Sample Number	Au ** oz/T	Ag ** oz/T		Description
July 11/87	1224	.02	.02		DDH 87-4 50.3-55.3
	1258	.38	.28	Qtz-py-cp	Trench 9 on ck 2+50W 2+50S
	1259	.83	.90	" " "	Trench 9D "
	1260	.48	2.60	" " "	Trench 9C "
	1261	1.02	.50	" "	Trench 9C "
	1262	.26	.70	" "	Trench 9D "
	1263	.87	.30		Trench 4 on baseline 8+00W
	1264	.10	.04	" "	Trench 5 "
	1265	.10	.42	" "	Trench 5A+B "
	1266	1.02	.54	" "	Trench 5B
	1267	2.84	.58	" "	Trench 6 "
	1268	.79	.15	" "	Trench 7A "
	1269	.28	<.01	" "	Trench 7B "
	1270	.01	1.00		Trench 8 cp-py. vein
	1271	.01	<.01		7.5TA062

Irv Womacks
Registered Assayer
Province of British Columbia

Gult

SKYLINE EXPLORATIONS LTD.

Mine Assay Office

Aug 4/87

(**Fire Assay)

Date	Sample Number	Au ** oz/T	Ag ** oz/T	DDH # Footage	Description
D.D.	1312	Tr		875 133.0-180	Alt. Q.P.
				location	
D.D.	1901	.50		trench 14	Qtz. py. cp. in Q.P.
	1902	.56		"	" " " " "
	1903	.38		"	" " " " "
	1904	.04		trench 16	Pink cal. qtz.
	1907	.05		trench 11	Alt. Q.P.
	1909	Tr		"	" "
	1908	2.11	1.11 ← Acme	"	Muss. py.
Chip	73AK171	1.02		NE grid	Qtz. py. graphite
	73AK172	Tr		As ck.	
	73AK179	.75		" "	
	74AK207	.13		NW Grid	Float, massive py.
	74AK208	.01		300 m. E of NW Grid	Qtz. py.
	73AK227	Tr		AR grid	Qtz. py.
	73AK229	Tr		" "	" "

Registered Assayer
Province of British Columbia

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

DATE RECEIVED AUGUST 15 1987
DATE REPORTS MAILED Aug 25/87

ASSAY CERTIFICATE

SAMPLE TYPE : PULP
AG** & AU** BY FIRE ASSAY

ASSAYER D. Toye DEAN TOYE , CERTIFIED B.C. ASSAYER

GULF INTERNATIONAL FILE# 87-3322A PAGE# 1

SAMPLE		Ag oz/t	Ag** oz/t	Au** oz/t	
1901	trench 14	.06	-	-	
1902		.06	-	-	
1903		.04	-	-	
1904	trench 16	.01	-	-	
1905	trench 15	.01	-	-	
1906		.04	-	-	
1907	trench 11	.01	-	-	
1908		1.34	-	-	
1909		.01	-	-	
1910		-	2.09	1.160	TR 17 / 8+50 W 2+00 N
1911		-	1.12	.128	
1912		-	2.34	.902	
1301		.01	-	-	
1302		.08	-	-	
1303		.01	-	-	
1304		.01	-	-	
1305		.32	-	-	
1306		.13	-	-	
1307		.01	-	-	DDH 6
1308		.01	-	-	
1309		.02	-	-	
1310		.18	-	-	
1311		-	.01	.001	
1312		-	.01	.002	DDH 5
1313		-	.01	.001	
1314		-	.01	.001	
1315		-	.01	.001	
1316		-	.02	.001	
1317		-	.02	.003	
1318		-	.01	.001	DDH 7
1319		-	.01	.001	
1320		-	.01	.001	
1321		-	.11	.198	
1322		-	.01	.005	
1323		-	.01	.005	
1324		-	.01	.011	

GULF INTERNATIONAL

SKYLINE EXPLORATIONS LTD.
Mine Assay Office

(**Fire Assay)

Date	Sample Number	Au ** oz/T	Ag ** oz/T	DDH #	footage	Description
SEPT. 5/87	1395	0.01	0.01	8741	34-39	Graphitic slt. 1% py tr. cp.
	1396	TRACE	<0.01	"	39-44	" " "
	1397	0.02	0.01	"	44-47	" " "
	1398	0.005	0.02	"	47-52	" " "
	1908	2.11	1.11	trench 11		10 m. from DDH 8 Muss. py. vn.
	73AK 230	0.04	0.01	140° ank. vn.		Cal-ba-py sp.

Erv Womacky

Registered Assayer
Province of British Columbia

GULF INTERNATIONAL

SKYLINE EXPLORATIONS LTD.
Mine Assay Office

(**Fire Assay)

Date	Sample Number	Au ** oz/T	Ag ** oz/T	location	Description
AUG 29/87	1914	0.005	0.17	trench 18	140° Ank. vein main grid
	1915	0.005	0.14	19	" " "
	1916	TRACE	0.10	20	" " "
	1918	TRACE	0.08	22	" " "
	1919	TRACE	0.05	23	" " "

Erw Wornacke

Registered Assayer
Province of British Columbia

GULF

SKYLINE EXPLORATIONS LTD.
Mine Assay Office

(**Fire Assay)

Date	Sample Number	Au ** oz/T	Ag ** oz/T		Description
JUN 21/87	1202	.10			Trench 1 Main grid
	1203	.24			" "
	1204	.08			" "
	1205	.04			" "
	1206	.005			" "
	1207	.16			" "
	1208	.02			Trench 2 Main grid
	1209	.18			" "
	1210	.11			" "
	1211	.07			" "
	1212	TRACE			" "
	1213	.02			" "
	1214	.04			" "
	1215	.19			Trench 3A Main grid
	1216	.14			" " "
	1217	.10			" " "
	1218	.12			" "
	1219	.01			Trench 3B "
	1220	.005			" " "
	1201	.42	.04		Grab Qtz.-py.-sph.

Erv Wonacott
Registered Assayer
Province of British Columbia

APPENDIX V

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-8

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP

DATE: 1987
Page 1 of 1

Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: August 12, 1987

Drilling Commenced: July 30, 1987
Drilling Completed: August 12, 1987

Length: 71.6 m
Core: AQ

N.T.S. 104B/15
UTM Co-ordinates: N6296287 E383403

Elevation: 677m

Dip: -45°
Bearing: 005°

METERS From	To	Length	CORE DESCRIPTION	Sample No.	METERS From	To	Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	3.3	3.3	Casing.									
3.3	4.9	1.6	Quartz porphyry.									
4.9	9.1	4.2	Andesite dyke, 1-2 mm plagioclase phenocrysts, 2-40 mm wide quartz veins; -65° to core axis.									
9.1	25.9	16.8	Altered quartz porphyry, 2-5 mm quartz phenocrysts, no mafic minerals, argillic alteration; increased sulfides and quartz veining at 23.1 m.	1325	23.1	24.7	1.6				0.01	0.001
				1326	24.7	26.2	1.5				0.01	0.001
25.9	27.7	1.8	Aphanitic rock, poor recovery.	1327	26.2	27.7	1.5				0.02	0.001
27.7	71.6	43.9	Altered quartz porphyry, increased pyrite to 2%, increased fracturing at -10° to core axis,;	1333	30.5	32.0	1.5				0.01	0.001
				1328	32.0	33.5	1.5				0.02	0.001
				1329	33.5	35.0	1.5				0.01	0.001
			- poor recovery, altered quartz porphyry with argillic alteration	1330	35.0	36.6	1.6				0.02	0.001
				1331	36.6	38.1	1.5				0.02	0.003
				1332	38.1	39.6	1.5				0.01	0.001
				1357	39.6	41.1	1.5				<0.01	0.005
			- 5% pyrite altered, red hematite staining	1358	41.1	42.7	1.6				0.03	tr
				1359	42.7	44.2	1.5				0.03	tr
				1360	44.2	45.7	1.5				0.07	0.005
			- some graphitic material 2-3 cm long	1361	45.7	47.2	1.5				0.01	tr
				1362	47.2	48.8	1.6				0.01	0.005
			- poor recovery, 70%	1363	48.8	50.3	1.5				0.01	0.005
			- poor recovery, 70%	1364	50.3	51.8	1.5				0.10	0.04
			- begins increasing in mafics, granitic groundmass to end of hole; quartz vein 60° to core axis, with pyrite to 2%.	1365	56.1	57.6	1.5				0.01	tr
				1366	57.6	59.1	1.5				0.02	tr
			END OF HOLE									

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-9

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP

DATE: 1987
Page 1 of 1

Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: August 19, 1987

Drilling Commenced: August 14, 1987
Drilling Completed: August 19, 1987

Length: 46.9 m
Core: AQ

N.T.S. 104B/15
UTM Co-ordinates: N6298219 E383397

Elevation: 691 m

Dip: -48°
Bearing: 005°

METERS From	To	Length	CORE DESCRIPTION	Sample No.	METERS From	To	Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	3.0	3.0	Casing.									
3.0	7.3	4.3	Quartz porphyry, highly altered, some pyrite, copper, 1%.									
7.3	11.9	4.6	Quartz porphyry fresher, mafics 50%, quartz 50%; some pyrite 1%; from 9.1 m increased pyrite to approx. 3% with 80% recovery.									
11.9	17.4	5.5	Contact: Brecciated siltstone with calcite banding; layering/banding at 45° to axis (60% recovery); argillaceous, no sulfides; from 14.6 m increase in sulfides with 2% chalcopyrite mostly in fracture zones (40% recovery).									
17.4	18.4	1.0	Contact: Quartz porphyry, slightly altered, 1% sulfides, pyrite-chalcopyrite-copper, oxidized contact.									
18.4	19.6	1.2	Chert with calcite banding, no preferred direction, graphitic contact.									
19.6	24.8	5.2	Siltstone, pyrite-chalcopyrite at contact, calcite veining, 90 % recovery.									
24.8	34.4	9.6	Increase in brecciation, banding; contact to chert/sandstone; crush areas with calcite, mafics 10%, 1% pyrite; from 30 m increase in chloritic and calcite veining, siltstone continued, 1% pyrite. from 33.2 to 34.4 m felsite dyke, 1% pyrite, sphalerite/galena vein.	1367	33.2	34.7	1.5				0.01	tr
34.4	37.2	2.8	Contact: siltstone/chert, brecciated, no direction to calcite veining, increase in felsic minerals toward 37.2 m.									
37.2	42.5	5.3	Siltstone.									
42.5	46.9 EOH	4.4	Contact with granite. END OF HOLE									

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-10

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP

DATE: 1987

Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: September 1, 1987

Drilling Commenced: August 30, 1987
Drilling Completed: August 31, 1987

Length: 78.9 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6298328 E383412

Elevation: 683m

Dip: -45°
Bearing: 300°

METERS From	METERS To	Length	CORE DESCRIPTION	Sample No.	METERS From	METERS To	Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	6.1	6.1	Casing.									
6.1	17.0	10.9	Brecciated volcanic siltstone/sandstone, dark-light grey color, quartz-calcite infillings 1-5 cm at 0-70° to core axis, trace to 1% pyrite to 42 m; broken ground from 14.3 - 14.6 and 16.8 - 17.0 m.									
17.0	42.0	27.0	Altered quartz breccia; at 21.3 m decreased bleaching, light grey, and numerous graphitic slickensides.	1368	17.1	18.3	1.2				0.01	tr
				1369	18.3	19.5	1.2				<0.01	tr
				1370	21.0	22.5	1.5				0.03	0.005
				1371	22.5	24.1	1.6				<0.01	tr
				1372	24.1	25.6	1.5				0.02	tr
				1373	25.6	27.1	1.5				0.01	tr
				1374	27.1	28.6	1.5				0.01	tr
				1375	28.6	30.1	1.5				0.02	tr
				1376	30.1	31.7	1.6				0.03	tr
				1377	31.7	33.2	1.5				<0.01	tr
				1378	33.2	34.7	1.5				<0.01	tr
				1379	34.7	36.3	1.5				<0.01	tr
42.0	45.1	3.1	Green andesite dyke, porphyritic.									
45.1	65.2	20.1	Altered quartz porphyry; from 58.5 - 59.4, and 60.0-60.3 m quartz vein at 40° to core axis; 25% pyrite, minor ankerite; from 62.5 to 65.2 m quartz-pyrite vein at 20° to core axis, with 40% pyrite.	1380	54.2	55.8	1.6				0.02	0.005
				1381	55.8	57.3	1.5				0.03	0.005
				1382	57.3	58.4	1.1				<0.01	tr
				1383	58.4	59.6	1.2				0.06	0.22
				1384	59.6	60.4	0.8				<0.01	0.02
				1385	60.4	61.9	1.5				<0.01	tr
				1386	61.9	62.8	0.9				<0.01	0.005
				1387	62.8	63.7	0.9				0.63	1.01 } 2.7 m
				1388	63.7	64.6	0.9				0.63	1.48 } @
				1389	64.6	65.5	0.9				0.84	1.35 } 1.28 opt
65.2	78.9 EOH	13.7	Andesite dyke, porphyritic, 3-5% pyrite as disseminations and vein at 25° to core axis, 1-4 mm quartz veins, 2 per 0.3 m; at 70.7 m increased graphitic slickensides. END OF HOLE	1390	65.5	66.7	1.2				0.05	0.005
				1391	66.7	68.9	2.2				<0.01	0.02
				1392	68.9	70.7	1.8				<0.01	0.005
				1393	70.7	72.2	1.5				0.02	tr

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-11

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP

DATE: 1987
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Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: September 2, 1987

Drilling Commenced: August 31, 1987
Drilling Completed: September 2, 1987

Length: 97.2 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6298328 E383412

Elevation: 683 m

Dip: -60°
Bearing: 030°

METERS From	METERS To	METERS Length	CORE DESCRIPTION	Sample No.	METERS From	METERS To	METERS Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	2.7	2.7	Casing.									
2.7	9.1	6.4	Sandstone (volcanic) brecciated, quartz-calcite veining, 1-3 mm at 20 to 80° to core axis, bleached light grey color, trace to 1% pyrite.									
9.1	14.3	5.2	Graphitic siltstone, brecciated, quartz-calcite veinlets, 1-3 mm wide.	1394	8.8	10.4	1.6				0.01	tr
				1395	10.4	11.9	1.5				<0.01	0.01
				1396	11.9	13.4	1.5				0.01	tr
				1397	13.4	14.3	0.9				0.02	0.02
14.3			Fault, mud seam									
14.3	34.4	29.9	Brecciated volcanic sandstone, quartz-calcite veining, 20-80° to core.	1398	14.3	15.8	1.5				0.01	0.005
34.4	39.6	5.2	Diffuse contact. Altered quartz porphyry, very hard, bleached light grey.									
39.6	47.8	8.2	Brecciated volcanic sandstone, 1-5 mm quartz-calcite.									
47.8	61.0	13.2	Quartz porphyry, increased alteration and fracturing from 49.9 to 51.8 m with 30-40% quartz; at 60.6 m quartz-pyrite stringer 2.5 cm wide.									
61.0	65.5	4.5	Dark green andesite dyke, porphyritic, sharp contact.									
65.5	90.8	25.3	Quartz porphyry.									
90.8	92.0	1.8	Andesite dyke, green color, porphyritic.									
92.0	92.6	0.6	Quartz porphyry.									
92.6	94.2	1.6	Andesite dyke, green color, porphyritic, quartz-calcite-pyrite vein from 93.3 to 93.6 m.									
94.2	97.2	3.0	Quartz porphyry.									
	EOH		END OF HOLE									

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-12

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - Main Grid

DATE: 1987
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Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: September 5, 1987

Drilling Commenced: September 2, 1987
Drilling Completed: September 2, 1987

Length: 39.0 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6298850 E382750

Elevation: 793 m

Dip: -45°
Bearing: 210°

METERS From	To	Length	CORE DESCRIPTION	Sample No.	METERS From	To	Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	1.5	1.5	Casing.									
1.5	3.5	2.0	Andesite dyke, dark green color, porphyritic.									
3.5	4.6	1.1	Felsite dyke, light grey color, fault contact at 4.6 m.									
4.6	39.0	34.4	Altered quartz porphyry, salmon pink color, felsite dykes from	1399	4.7	6.1	1.4					tr
	EOH		10.7 - 11.0, 15.5 - 15.8, 25.6 - 25.9, 34.0 - 34.4 ;									
			quartz-pyrite-chalcopyrite vein from 22.9 - 23.5 m at 60% to core axis,	1400	21.3	22.9	1.6					tr
			with 30% pyrite, 1% chalcopyrite; from 26.5 to 27.1 m increased	1401	22.9	23.5	0.6					0.13
			brecciation with 5% pyrite; below 32 m altered quartz porphyry becomes	1402	23.5	25.0	1.5					tr
			bleached light grey color to end of hole; quartz-pyrite replacement	1403	25.0	26.5	1.5					0.02
			along contact at 34.7 m.	1404	26.5	27.1	0.6					0.02
			END OF HOLE.									
				1405	34.4	34.9	0.5					tr

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-13

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - Main Grid

DATE: 1987

Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: September 5, 1987

Drilling Commenced: September 3, 1987
Drilling Completed: September 4, 1987

Length: 60.7 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6298850 E382750

Elevation: 793 m

Dip: -45°
Bearing: 165°

METERS From	To	Length	CORE DESCRIPTION	Sample No.	METERS From	To	Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	0.6	0.6	Casing									
0.6	1.2	0.6	Andesite dyke, porphyritic.									
1.2	3.7	2.5	Altered quartz porphyry, green color.									
3.7	7.9	4.2	Felsite dyke, 1% disseminated pyrite; increased fracturing and quartz veining, graphite-pyrite infilling fractures.									
7.9	60.7	52.8	Altered quartz porphyry, 1% disseminated pyrite; from 7.3 to 11.9 m	1406	7.3	8.8	1.5					tr
	EOH		increased fracturing and graphite-pyrite infilling fractures; at	1407	8.8	10.4	1.6					tr
			approximately 19.8 m 1-4 mm quartz eyes, syenitic groundmass and salmon	1408	10.4	11.9	1.5					tr
			pink color; from 25.6 to 25.9 m andesite dyke at 40° to core;									
			from 27.7 to 28.3 m quartz-pyrite vein with 30% pyrite;	1409	26.8	27.7	0.9					tr
			from 28.3 to 35.7 m increased fracturing, quartz veining, graphite-pyrite	1410	27.7	28.3	0.6					0.07
			infilling fractures; below 35.7 m altered quartz porphyry with 1-4 mm	1411	28.3	29.6	1.3					tr
			quartz eyes, bleached light grey color, no mafic minerals;	1412	29.6	31.1	1.5					tr
			from 51.2 to 51.8 increased quartz veining with felsite dyke from	1413	31.1	32.6	1.5					tr
			51.8 to 52.1 m.									
			END OF HOLE	1414	32.6	34.1	1.5					tr
				1415	34.1	35.7	1.6					tr

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-14

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP

DATE: 1987
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Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: September 10, 1987

Drilling Commenced: September 4, 1987
Drilling Completed: September 5, 1987

Length: 74.1 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6298973 E382800

Elevation: 802 m

Dip: -45°
Bearing: 045°

METERS From	To	Length	CORE DESCRIPTION
0.	1.5	1.5	Casing.
1.5	38.1	36.6	Indurated sandstone, felsic composition, bleached light grey color, 1% disseminated pyrite, graphite-pyrite infilling fractures; at 15.2 m dark green andesite dike (o.3 m); at 18.3 m minor ankerite, approximatedly 2% occurs as 1-2 mm wide veinlets; at 25 m increased ankerite veinlets, approximately 5% with 2% disseminated and fracture filling pyrite; at 31 m increased quartz brecciation, approximately 10% quartz with graphite pyrite infilling fractures.
38.1	38.7	0.6	Felsite dyke.
38.7	42.7	4.0	Andesite, dark green color, with 20% apophyses of quartz diorite.
42.7	47.2	4.5	Indurated sandstone, 3% ankerite veinlets, bleached light grey color.
47.2	57.9	10.7	Quartz diorite, with 20% inclusions of andesite.
57.9	74.1 EOH	16.2	Andesite, porphyritic, 1-3 mm plagioclase phenocrysts, 1% epidote with 10% apophyses of quartz diorite; felsite dyke with 3% disseminated pyrite at 63.2 - 63.7 m. END OF HOLE

Sample No.	METERS From	To	Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
1416	11.1	12.5	1.4					tr
1417	12.5	14.2	1.7					tr
1443	20.1	21.3	1.2					0.02
1444	21.3	22.5	1.2					0.01
1445	22.5	23.8	1.2					tr
1446	23.8	25.3	1.5					tr
1447	25.3	26.8	1.5					tr
1448	26.8	28.3	1.5					tr
1418	28.3	29.9	1.6					tr
1419	29.9	31.4	1.5					tr
1420	31.4	32.9	1.5					tr
1421	32.9	34.4	1.5					tr
1422	34.4	36.0	1.6					tr

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-15

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid

DATE: 1987

Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: September 12, 1987

Drilling Commenced: September 5, 1987
Drilling Completed: September 6, 1987

Length: 58.5 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300550 E381260

Elevation: 1129 m

Dip: -45°
Bearing: 080°

METERS From	METERS To	METERS Length	CORE DESCRIPTION	Sample No.	METERS From	METERS To	METERS Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	1.2	1.2	Casing.									
1.2	5.6	4.4	Sandstone, brecciated and indurated; 2% pyrite fracture filling, 2% anderite as 1-2 mm veinlets.	1423	1.2	2.6	1.4					tr
				1424	2.6	4.1	1.5					tr
				1425	4.1	5.6	1.5					tr
5.6	9.9	4.3	Quartz-pyrite-chalcopyrite vein, 20% pyrite, 0.5% chalcopyrite; pyrite occurs as blebs to 10 cm and cut by late barren quartz-calcite veinlets.	1426	5.6	7.0	1.4					0.42 } 2.8 m
				1427	7.0	8.4	1.4					0.42 } @ 0.42
				1428	8.4	9.9	1.5					0.03
9.9	12.9	3.0	Sandstone, brecciated and indurated; 3% pyrite fracture filling, 2% quartz calcite as veinlets.	1429	9.9	11.4	1.5					tr
				1430	11.4	12.9	1.5					tr
12.9	24.4	11.5	Same as above, decreased quartz-calcite as veinlets.									
24.4	35.3	10.9	Major fault, recovered pieces are brecciated, oxidized, indurated; sandstone with 5-8% ankerite as veinlets and blebs.	1431	26.5	28.0	1.5					tr
				1432	28.0	29.6	1.6					tr
				1433	29.6	32.0	2.4					tr
				1434	32.0	34.1	2.1					0.02
35.3	41.1	5.8	20% pyrite as blebs and veinlets in brecciated sandstone and siltstone.	1435	34.1	36.6	2.5					0.09
				1436	36.6	39.9	3.3					tr
				1437	39.9	41.4	1.5					0.01
41.1	58.5	17.4	Sandstone, minor siltstone, brecciated and indurated; 2% quartz-calcite-ankerite as veinlets increasing at 51.5 - 56.1 m, quartz-pyrite at 51.5 to 51.6 m.	1438	41.4	43.0	1.6					tr
	EOH			1439	43.0	44.5	1.5					tr
				1440	51.5	53.0	1.5					tr
			END OF HOLE	1441	53.0	54.6	1.6					tr
				1442	54.6	56.1	1.5					tr

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-16

R. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid

DATE: 1987
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Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: September 12, 1987

Drilling Commenced: September 6, 1987
Drilling Completed: September 7, 1987

Length: 39.3 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300550 E381260

Elevation: 1129 m

Dip: -45°
Bearing: 145°

METERS From	METERS To	METERS Length	CORE DESCRIPTION	Sample No.	METERS From	METERS To	METERS Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	9.1	9.1	Casing.									
9.1	17.7	8.6	Fault gouge, clay, mud seams pebbles; recovered pieces are oxidized, brecciated siltstone and sandstone with numerous calcite-ankerite veinlets (approx. 1%) from 13.4 - 17.7; mud seam 11.6 - 13.4 m.	1449	13.4	14.9	1.5					tr
				1450	14.9	16.5	1.6					tr
				1451	16.5	18.0	1.5					tr
17.7	20.1	2.4	25% ankerite as 5" wide vein at 30° to core and as 1-3 mm veinlets.	1452	18.0	19.5	1.5					0.02
				1453	19.5	21.0	1.5					0.04
20.1	27.1	7.0	Siltstone, 1-3% calcite-ankerite veinlets, trace to 1% disseminated pyrite, trace chalcopyrite.	1454	21.0	22.5	1.5					0.07
				1455	22.5	24.1	1.6					tr
				1456	24.1	25.6	1.5					tr
				1457	25.6	27.1	1.5					tr
27.1	39.3	12.2	Fault gouge, broken ground and caving causing hole not to reach desired depth; recovered pieces are oxidized, brecciated siltstone and sandstone with 5% ankerite as veinlets, 2% pyrite, from 36.3 to 39.3 m 5% recovery. END OF HOLE	1458	27.1	30.2	3.1	50% recovery				tr
	EOH			1459	30.2	33.2	3.0	50% recovery				0.02
				1460	33.2	39.3	6.1	25% recovery				0.01

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-17

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid

DATE: 1987

Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: September 12, 1987

Drilling Commenced: September 7, 1987
Drilling Completed: September 8, 1987

Length: 75.9 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300550 E381260

Elevation: 1129 m

Dip: -60°
Bearing: 145°

METERS From	To	Length	CORE DESCRIPTION	Sample No.	METERS From	To	Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	6.1	6.1	Casing									
6.1	7.6	1.5	10% pyrite, trace chalcopyrite as blebs and veinlets cut by late quartz calcite veinlets in sandstone.	1461	6.1	7.6	1.5					0.03
7.6	14.0	6.4	Sandstone and siltstone, 2% disseminated and vein pyrite, trace to 1% quartz-calcite veinlets; 20% ankerite from 10.4 - 10.7 and 13.4 -14.9.	1462	7.6	9.1	1.5					tr
				1463	9.1	10.7	1.6					tr
				1464	10.7	12.2	1.5					tr
				1465	12.2	13.7	1.5					tr
14.0	14.9	0.9	Fault, 40% recovery.	1466	13.7	15.2	1.5					tr
14.9	32.3	17.4	Sandstone and siltstone, 1-2% disseminated and vein pyrite, trace to 0.5% quartz-calcite veinlets, minor ankerite veins. Fault zone from 29.0 to 30.2 with 30% recovery.	1467	21.9	23.5	1.6					0.03
				1468	23.5	25.0	1.5					tr
32.3	51.2	18.9	Volcanic conglomerate and lapilli tuff, dacitic composition, 4-40 mm rounded to sub-rounded clasts, 1% disseminated pyrite as 1-3 mm blebs and stringers, from 45.1 to 46.0 m 10% pyrite	1469	45.1	46.0	0.9					tr
				1470	50.0	50.9	0.9					tr
51.2	75.9 EOH	24.7	Indurated, brecciated sandstone, 3-5% pyrite disseminated and vein, quartz-calcite veining increased to 5% from 57.3 to 68.6; - 20% pyrite, trace chalcopyrite from 50.9 - 51.5 - 10% pyrite, trace chalcopyrite from 65.8 - 66.9 - 8% pyrite, trace chalcopyrite from 71.6 - 75.9 END OF HOLE	1471	50.9	52.4	1.5					tr
				1472	52.4	53.9	1.5					tr
				1473	53.9	55.5	1.6					tr
				1474	55.5	57.0	1.5					tr
				1475	57.0	58.5	1.5					tr
				1476	58.5	60.0	1.5					tr
				1477	60.0	61.6	1.6					tr
			Should have gone deeper, ended in mineralized, brecciated sandstone with 3% ankerite-pyrite veinlets.	1478	61.6	63.1	1.5					0.05 & 0.03
				1479	63.1	64.6	1.5					0.01
				1480	64.6	66.1	1.5					0.03 & 0.02
				1481	66.1	67.7	1.6					0.01
				1482	67.7	69.2	1.5					0.01
				1483	69.2	70.7	1.5					tr
				1484	70.7	72.2	1.5					tr
				1485	72.2	73.5	1.3					tr
				1486	73.5	74.7	1.2					tr
				1487	74.7	75.9	1.2					tr

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-18

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid

DATE: 1987

Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: September 12, 1987

Drilling Commenced: September 8, 1987
Drilling Completed: September 9, 1987

Length: 72.8 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300427 E381300

Elevation: 1055 m

Dip: -45°
Bearing: 260°

METERS From	METERS To	METERS Length	CORE DESCRIPTION	Sample No.	METERS From	METERS To	METERS Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	3.9	3.9	Casing.									
3.9	16.2	12.3	Conglomerate, lapilli-conglomerate size, polymictic clasts, felsice clasts 35-75 cm at 4.3 - 5.8 m, calcite-ankerite veinlets trace to 1%.									
16.2	60.6	44.4	Sandstone, minor siltstone, calcite-ankerite veinlets trace to 1%; bedding 65-70° to core from 18.6 - 24.1 m, increased ankerite-chalcopyrite veinlets from 27.7 to 36.9, chalcopyrite associated with brown ankerite veinlets; increased bleaching and ankerite veining from 42.7 - 45.1, 49.7 - 51.0, 53.9 - 56.1 m.	1488	27.7	29.3	1.6					tr
				1489	29.3	30.8	1.5					tr
				1490	30.8	32.3	1.5					tr
				1491	32.3	33.8	1.5					tr
				1492	33.8	35.4	1.6					tr
				1493	35.4	36.9	1.5					tr
60.6	72.8 EOH	12.2	Sandstone, altered, bleached, light grey color, 1-2% disseminated and vein pyrite; pyrite-quartz-chalcopyrite-jasper vein at 63.7 - 64.6, increased ankerite veining from 64.6 to 67.7 m, indurated and brecciated sandstone with increased quartz-calcite veining from 67.7 to 72.8 m. END OF HOLE	1494	62.2	63.7	1.5					tr
				1495	63.7	64.6	0.9					0.02
				1496	64.6	66.1	1.5					tr
				1497	66.1	67.7	1.6					tr
				1498	67.7	69.2	1.5					tr
				1499	69.2	70.7	1.5					tr
				1500	70.7	72.8	2.1					tr

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-19

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid

DATE: 1987
Page 1 of 1

Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: September 15, 1987

Drilling Commenced: September 9 ,1987
Drilling Completed: September 10, 1987

Length: 54.9 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300427 E381300

Elevation: 1055 m

Dip: -55°
Bearing: 185°

METERS From	METERS To	METERS Length	CORE DESCRIPTION
0	6.1	6.1	Casing.
6.1	18.0	11.9	Conglomerate, lapilli size clasts, polymictic 95% intermediate-mafic composition clasts, sub-rounded, minor ankerite-calcite veining.
18.0	54.9	36.9	Conglomerate ?, intense alteration, bleached grey color, original texture obliterated; bleached light grey color from 21.9 - 24.1, 36.6 - 40.8, and 44.5 - 54.9; heavy ankerite alteration, brown color from 18.0 - 21.9, 24.1 - 36.6; reddish-brown hematite stain color from 40.8 - 44.5.
21.3	22.6	1.3	Major fault from 21.3 to 22.6 m; 3% pyrite, 15% quartz veining from 22.5 to 24.1m.
22.6	27.4	4.8	Fault zone, rubble, minor clay; 3% pyrite and increased quartz veining from 27.4 to 32.3 m.
32.3	36.6	4.3	Fault zone, brown, oxidized ankerite alteration; 3% pyrite, increased quartz veining in idurated sandstone, trace to 1% jasper and trace chalcopyrite at 36.6 - 40.8 m; hematite alteration, 2% chalcopyrite and magnetite as disseminations in altered volcanic conglomerate at 40.8 - 44.5; 2% pyrite, trace chalcopyrite in bleached light grey altered volcanic conglomerate at 44.5 - 54.9 m.
52.7	54.9	2.2	Fault zone, rubble, minor clay.
	EOH		END OF HOLE

Sample No.	METERS From	METERS To	METERS Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
1501	18.0	19.5	1.5					tr
1502	19.5	21.0	1.5					tr
1503	21.0	22.5	1.5					0.01
1504	22.5	24.1	1.6					tr
1505	24.1	25.6	1.5					0.01
1506	25.6	27.1	1.5					0.01
1507	27.1	28.6	1.5					tr
1508	28.6	30.2	1.6					tr
1509	30.2	31.7	1.5					
1510	31.7	33.2	1.5					tr
1511	33.2	34.7	1.5					0.01
1512	34.7	36.3	1.6					0.03
1513	36.3	37.8	1.5					0.01
1514	37.8	39.3	1.5					
1515	39.3	40.8	1.5					
1516	40.8	42.4	1.6					0.01
1517	42.4	43.9	1.5					0.01
1518	43.9	45.4	1.5					tr
1519	45.4	46.9	1.5					
1520	46.9	48.5	1.6					
1521	48.5	50.0	1.5					
1522	50.0	51.5	1.5					
1523	51.5	53.0	1.5					
1524	53.0	54.9	1.9					

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-20

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid

DATE: 1987

Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: September 15, 1987

Drilling Commenced: September 10, 1987
Drilling Completed: September 13, 1987

Length: 109.4 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300430 E381240

Elevation: 1031 m

Dip: -45°
Bearing: 260°

METERS From	To	Length	CORE DESCRIPTION	Sample No.	METERS From	To	Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	4.6	4.6	Casing.									
4.6	14.9	10.3	Sandstone, indurated, trace to 1% pyrite.	1525	8.7	10.2	1.5					
10.0	10.3	0.3	Fault zone, rubble and minor seams of mud, clay, 60% recovery. 15% pyrite from 8.7 to 10.2 m									
14.3	14.9	0.6	Fault zone, rubble, 60% recovery									
14.9	56.9	42.0	Sandstone, porphyroblasts, 1-3 mm plagioclase phenocrysts, broken ground blocky; ankerite veinlets 3% from 21.9 - 23.5 m.	1526	21.9	23.5	1.6					
24.0	25.0	1.0	Fault zone, 50% recovery.									
56.9	82.0	25.1	Sandstone, indurated, brecciated, 1-3% pyrite as veins and disseminations, increased quartz-calcite veining, 3% pyrite from 80.6 - 82.0 m.	1527	57.0	58.5	1.5					
				1528	58.5	60.0	1.5					
				1529	60.0	61.6	1.6					
				1530	61.6	63.1	1.5					
				1531	63.1	64.6	1.5					
				1532	64.6	66.1	1.5					
				1533	66.1	67.7	1.6					
				1534	67.7	69.2	1.5					
				1535	69.2	70.7	1.5					
				1536	70.7	72.2	1.5					
				1537	72.2	73.8	1.6					
				1538	73.8	75.3	1.5					
				1539	80.6	82.1	1.5					
82.0	109.4 EOH	27.4	Conglomerate, light green, sandy matrix, mafic-intermediate composition clasts, broken ground, blocky; increased pyrite ankerite veining from 92.5 - 94.0, 105.5 - 107.0 m. END OF HOLE	1540	92.5	94.0	1.5					
				1541	105.5	107.0	1.5					

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-21

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid

DATE: 1987
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Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: September 28, 1987

Drilling Commenced: September 12, 1987
Drilling Completed: September 13, 1987

Length: 69.2 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300254 E3812

Elevation: 952 m

Dip: -45°
Bearing: 020°

METERS From	METERS To	METERS Length	CORE DESCRIPTION	Sample No.	METERS From	METERS To	METERS Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	2.4	2.4	Casing.									
2.4	3.0	0.6	Conglomerate, polymictic clasts to 12 cm with calcite matrix.									
3.0	14.9	11.9	Semi-schist, light green color, weak foliation developed 30° to core axis, felsic clasts to 10 cm wide.									
14.9	69.2 EOH	54.3	Feldspar porphyry, 1-5 mm plagioclase phenocrysts in a syenitic matrix, trace to 1% ankerite veinlets; syenite is a purple-pink color, feldspar phenocrysts are light grey to green color. END OF HOLE									

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-22

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid

DATE: 1987
Page 1 of 1

Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: September 26, 1987

Drilling Commenced: September 13, 1987
Drilling Completed: September 14, 1987

Length: 48.5 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300254 E3812

Elevation: 952 m

Dip: -45°
Bearing: 305°

METERS From	METERS To	METERS Length	CORE DESCRIPTION	Sample No.	METERS From	METERS To	METERS Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	4.3	4.3	Casing.									
4.3	13.6	9.3	60% pyrite, 1% chalcopyrite, 10% quartz, 25% bleached, brecciated clasts of altered wallrock; from 6.3 - 7.3 m fault zone with 30% recovery;	1542	4.4	5.9	1.5					
				1543	5.9	6.9	1.0					
				1544	6.9	7.8	0.9					
				1545	7.8	8.7	0.9					
				1546	8.7	9.6	0.9					
				1547	9.6	10.5	0.9					
				1548	10.5	11.3	0.8					
			- jasper-hematite 8%	1549	11.3	12.3	1.0					
			- 30% magnetite	1550	12.3	13.6	1.3					
13.6	17.9	4.3	Sandstone ?, altered, bleached, light grey, calcite-ankerite veinlets and brecciation; 2% pyrite, 16.1 - 17.7 broken ground, rubble; 17.1 - 17.2 fault gouge, clay.	1551	13.6	15.1	1.5					
				1552	15.1	16.6	1.5					
				1553	16.6	18.1	1.5					
17.9	32.9	15.0	Sandstone and minor conglomerates, fine grain 0.5 mm to 10 mm lapilli size clasts, polymictic composition in fine grain andesitic groundmass; calcite-ankerite veining 1-3%; high density, ie. stockwork at 20.4 - 21.3.	1554	18.1	19.6	1.5					
				1555	19.6	21.3	1.7					
32.9	36.6	3.7	Feldspar porphyry (dyke ? sill ?) 1-3 mm plagioclase phenocrysts in a syenitic matrix, diffuse contact with sandstone.									
36.6	48.5 EOH	11.9	Conglomerate, 0.1 - 3.0 cm lapilli size clasts, polymictic composition in fine grained light green groundmass; 1% calcite-ankerite veinlets. END OF HOLE									

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-4

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP

DATE: 1987
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Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: July 6, 1987

Drilling Commenced: July 2, 1987
Drilling Completed: July 7, 1987

Length: 29m
Core: AQ

N.T.S. 104B/15
UTM Co-ordinates: N6298438 E383178

Elevation: 665 m

Dip: -45°
Bearing: 135°

METERS From	To	Length	CORE DESCRIPTION	Sample No.	METERS From	To	Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	1.0	1.0	Casing.									
1.0	13.7	12.7	Quartz porphyry, 1-5 mm quartz phenocrysts (anhedral), 10% mafic minerals (hornblende, biotite).									
13.7	18.3	4.6	Altered quartz porphyry, 1-5 mm quartz phenocrysts, mafic minerals altered to clay, ie. argillic alteration; from 15.3 to 16.8 m minor quartz veining and brecciation, 2% pyrite, trace graphite along fractures.	1224	15.3	16.8	1.5				0.02	0.02
18.3	29.0 EOH	10.7	Quartz porphyry, 1-5 mm quartz phenocrysts, 10% mafic minerals (hornblende, biotite); from 24.4 to 25.6 m quartz brecciation, 3% pyrite, 3% grey carbonaceous mineral, altered quartz porphyry to end of hole. END OF HOLE	1225	24.6	25.6	2.0				0.12	Tr

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-5

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP

DATE: 1987
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Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: July 17, 1987

Drilling Commenced: July 11, 1987
Drilling Completed: July 17, 1987

Length: 684 m
Core: AQ

N.T.S. 104B/15
UTM Co-ordinates: N6298350 E383400

Elevation: 684 m

Dip: -55°
Bearing: 212°

METERS From	METERS To	METERS Length	CORE DESCRIPTION
0	2.4	2.4	Casing.
2.4	32.4	30.0	Banded rhyolite, green grey color, moderate to intense fracturing, 1-4 mm wide quartz infilling; fractures from 4.9 to 5.8m quartz pyrite vein at 30° to core axis, at 9.4 m sulphide impregnation - sphalerite-pyrite-quartz-chlorite veinlets, fault with 10% recovery from 9.4 to 10.8 m; at 16.8 m increased quartz chlorite veining with moderate brecciation; fault zone with 20% recovery from 19.8 to 21.0 with increased brecciation and infilling quartz veinlets 1-4mm below 21 m; at 29.0 m andesite dike with 1-5 mm dark green phenocrysts, quartz hematite veinlets 1-2 mm; fine grained felsic rock, siliceous and brecciated near contact.
32.4	64.0 EOH	31.6	Altered quartz porphyry, 1-3% disseminated and vein pyrite, 1-5 mm quartz veinlets at 40-70° to core axis, no mafic minerals, altered to clay; at 46.0 m quartz porphyry has granitic texture, 5-8% biotite, 40% salmon pink K feldspar, 25% quartz. END OF HOLE

Sample No.	METERS From	METERS To	METERS Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
1233	3.3	4.9	1.6	0.02	0.01	0.01	0.02	tr
1234	4.9	5.8	0.9	0.02	0.01	0.01	0.05	tr
1226	4.9	6.1	1.2				0.08	0.005
1235	5.8	7.9	2.1	0.01	0.01	0.02	0.01	tr
1227	8.5	9.1	0.6				0.02	0.005
1236	10.8	11.9	1.1	0.01	0.01	0.50	0.01	tr
1228	14.6	15.2	0.6				0.03	0.005
1237	16.4	18.0	1.6	0.01	0.01	0.01	0.01	tr
1238	18.0	19.8	1.8	0.01	0.01	0.01	0.01	tr
1239	21.0	21.9	0.9	0.01	0.01	0.01	0.03	tr
1240	24.2	25.7	1.5	0.01	0.01	0.01	0.01	tr
1229	24.7	25.3	0.6				<0.01	tr
1241	25.7	27.3	1.6	0.01	0.01	0.01	0.01	tr
1242	27.3	28.8	1.5	0.01	0.01	0.01	0.01	tr
1230	28.3	29.3	1.0				<0.01	tr
1243	28.8	30.0	1.2	0.02	0.01	0.02	0.01	tr
1244	30.0	31.5	1.5	0.01	0.01	0.01	0.01	tr
1245	31.5	32.4	0.9	0.01	0.01	0.01	0.03	0.010
1246	32.4	33.8	1.4	0.01	0.01	0.01	0.01	tr
1247	33.8	34.7	0.9	0.01	0.01	0.01	0.01	tr
1248	34.7	36.0	1.3	0.03	0.01	0.01	0.03	tr
1231	34.7	36.0	1.3				0.01	tr
1249	36.0	37.5	1.5	0.03	0.01	0.01	0.01	tr
1311	39.0	40.5	1.5				0.01	0.001
1312	40.5	41.4	0.9				0.01	0.001
1232	41.4	42.4	1.0				<0.01	0.14 } 1.6m
1250	42.1	42.7	0.6	0.02	0.01	0.01	0.11	0.380 } @ 0.23 opt
1313	42.7	44.2	1.5				0.01	0.002

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-6

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP

DATE: 1987

Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: July 24, 1987

Drilling Commenced: July 18, 1987
Drilling Completed: July 23, 1987

Length: 60.7 m
Core: AQ

N.T.S. 104B/15
UTM Co-ordinates: N6298350 E383400

Elevation: 684 m

Dip: -80°
Bearing: 212°

METERS From	To	Length	CORE DESCRIPTION	Sample No.	METERS From	To	Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	2.7	2.7	Casing.									
2.7	18.9	16.2	Rhyodacite, crackled breccia texture, green-light grey color; 1-2 mm quartz veinlet infilling; 1% disseminated pyrite	1301	6.9	7.8	0.9				0.01	0.01
				1334	10.1	11.6	1.5				<0.01	tr
			- from 6.9 to 7.8 m quartz veinlet with trace chalcopyrite	1335	11.6	13.1	1.5				<0.01	0.005
			- graphite slickensides at 11.9 - 12.2 m	1336	13.1	14.6	1.5				<0.01	0.005
			- at 15.1 m a 3mm pyrite vein with 5% pyrite, increased quartz veining and brecciation	1302	14.6	15.9	1.3				0.08	0.34
				1337	15.9	17.5	1.6				0.01	0.005
				1338	17.5	19.0	1.5				<0.01	tr
18.9	21.0	2.1	Fault zone.	1339	19.0	20.5	1.5				<0.01	tr
				1340	20.5	22.0	1.5				0.02	tr
21.0	32.8	11.8	Rhodacite, as above; from 25.9 to 26.8 m red hematite stain (3-5%); rhyodacite is intensely fractured forming crackle breccia texture with 1% disseminated pyrite; from 29.1 - 30.4 m felsite dyke showing sharp contact (at 45° to core axis) with rhyodacite.	1341	22.0	23.6	1.6				0.02	tr
32.8	33.4	0.6	Fault contact with quartz porphyry; gouge.	1303	32.8	33.4	0.6				0.01	0.005
33.4	60.7 EOH	27.3	Altered quartz porphyry; 40% quartz phenocrysts to 5 mm, 0-2% mafic minerals (biotite, hornblende);									
				1304	40.5	42.0	1.5				0.01	tr
			- vein at 45° to core; 60% quartz, 10% pyrite, trace chalcopyrite	1305	42.0	42.9	0.9				0.32	0.260) 1.8 m
				1306	42.9	43.8	0.9				0.13	0.150) @ 0.205
				1307	43.8	45.3	1.5				0.01	tr
				1308	45.3	46.9	1.6				0.01	0.005
				1309	46.9	48.4	1.5				0.02	tr
			- sphalerite-galena fracture filling.	1310	59.4	60.0	0.6				0.18	tr
			END OF HOLE									

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-7

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP

DATE: 1987

Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: July 29, 1987

Drilling Commenced: July 24, 1987
Drilling Completed: July 29, 1987

Length: 78.0 m
Core: AQ

N.T.S. 104B/15
UTM Co-ordinates: N6298350 E383400

Elevation: 684 m

Dip: -83°
Bearing: 032°

METERS From	METERS To	METERS Length	CORE DESCRIPTION	Sample No.	METERS From	METERS To	METERS Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	3.0	3.0	Casing.									
												(15 cm/1.5 m)
				1314	3.0	25.9	22.9				0.1	0.001 (Composite)
3.0	8.2	5.2	Altered rhyodacite, intensely fractured, crackle breccia texture; quartz stockwork; at 7.3 m veining with chlorite and trace chalcopyrite.	1342	3.0	4.6	1.6				<0.01	tr
				1343	4.6	6.1	1.5				<0.01	tr
				1344	6.1	7.6	1.5				<0.01	tr
				1345	7.6	9.1	1.5				<0.01	tr
8.2	15.8	7.6	Brecciated chert, 1% disseminated pyrite; strong fracturing with quartz infilling, minor calcite at 030° and 00° to core axis.	1346	9.1	10.7	1.6				<0.01	tr
				1347	10.7	12.2	1.5				0.01	tr
				1348	12.2	13.7	1.5				0.02	tr
				1349	13.7	15.2	1.5				0.03	tr
				1350	15.2	16.8	1.6				0.01	tr
15.8	22.9	6.2	Andesite dyke, anhedral phenocrysts.	1351	16.8	18.3	1.5				0.04	tr
				1352	18.3	19.8	1.5				0.02	tr
				1353	19.8	21.3	1.5				<0.01	tr
				1354	21.3	22.9	1.5				0.02	tr
22.9	31.7	8.8	Brecciated chert, 1% disseminated pyrite, strong fracturing, quartz infilling, trace chalcopyrite.	1355	22.9	24.4	1.5				0.01	tr
				1356	24.4	25.9	1.5				0.04	tr
				1315	25.9	27.4	1.5				0.01	0.001
				1316	27.4	29.0	1.6				0.01	0.001
				1317	29.0	30.5	1.5				0.01	0.003
31.7	39.4	7.7	Altered quartz porphyry, mafic minerals altered to clay, bleached white color.	1318	30.5	32.0	1.5				0.01	0.001
				1319	32.0	33.4	1.4				0.02	0.001
39.4	42.3	2.9	Quartz porphyry, 1-4 mm quartz eyes, granitic groundmass.									
42.3	45.4	3.1	Andesite dyke, sharp contact at 42.3 m, fault contact at 45.4 with quartz porphyry.									
45.4	78.0	32.6	Quartz porphyry, 1-4 mm quartz eyes, granitic groundmass, from 61.8 to 63.1 m increased quartz veining; from 63.1 to 64.0 m quartz-pyrite-chalcopyrite vein; from 64.0 to 68.0 m andesite with 1-3% pyrite, trace graphite along fractures, quartz veining and brecciation; from 67.7 to 68.6 fault zone with poor recovery; quartz porphyry with 1-4 mm quartz eyes, granitic groundmass to end of hole.	1320	61.6	63.1	1.5				0.02	0.001
	EOH			1321	63.1	64.0	0.9				0.01	0.198
				1322	64.0	65.5	1.5				0.11	0.005
				1323	65.5	67.0	1.5				0.01	0.005
				1324	67.0	68.0	1.0				0.01	0.011
			END OF HOLE									

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-23

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid

DATE: 1987

Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: September 27, 1987

Drilling Commenced: September 14, 1987
Drilling Completed: September 15, 1987

Length: 20.4 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300254 E3812

Elevation: 952 m

Dip: -60°
Bearing: 305°

METERS From	To	Length	CORE DESCRIPTION	Sample No.	METERS From	To	Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	4.8	4.8	Casing									
4.8	5.8	1.0	Sandstone ?, altered, bleached, light grey color, ankerite breccia from 5.2 - 5.5, 70% pyrite at 5.5 - 5.6 m.	1556	4.8	5.8	1.0					
5.8	8.8	3.0	Marble, bone white color, 80% calcite with 10% graphite, 1% pyrite in graphite.	1557	5.8	7.3	1.5					
				1558	7.3	8.8	1.5					
8.8	11.6	2.4	70% pyrite, 5% calcite-ankerite, 10% quartz	1559	8.8	9.7	0.9					
				1560	9.7	10.7	1.0					
				1561	10.7	11.6	0.9					
11.6	12.8	1.2	Fault zone, 30% pyrite, 20% magnetite, 3% chalcopyrite, hematite-jasper inclusions to 5 cm.	1562	11.6	13.1	1.5					
12.8	13.5	0.7	Fault gouge, stream gravel, 30% pyrite	1563	13.1	13.5	0.4					
13.5	14.5	1.0	30% pyrite, 5% jasper-hematite, broken ground	1564	13.5	14.5	1.0					
14.5	20.4	5.9	Conglomerate ?, altered, bleached, light grey, ankerite stockwork,	1565	14.5	15.8	1.3					
	EOH		2% disseminated and vein pyrite (lapilli size, bleached clasts preserved	1566	15.8	17.4	1.6					
			from original texture).	1567	17.4	18.9	1.5					
			END OF HOLE	1568	18.9	20.4	1.5					

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-24

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid

DATE: 1987

Logged by: Edward W. Grove, Ph.D., P.Eng.
Date: September 18, 1987

Drilling Commenced: September 15, 1987
Drilling Completed: September 17, 1987

Length: 91.1 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300750 E381380

Elevation: 1250.5 m

Dip: -45°
Bearing: 235°

METERS From	To	Length	CORE DESCRIPTION	Sample No.	METERS From	To	Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	0.6	0.6	Overburden.									
0.6	21.9	21.3	Conglomerte, dark grey, fine volcanic pebbles to cobbles, dark sandstone matrix, some quartz and calcite as veinlets forming weak stockwork, some to moderate induration, some angular quartz clasts as lenses; becomes polymictic fragmental towards bottom of unit.									
21.9	35.7	13.8	Sandstone, fine grained, quartzose, with 10% dark siltstone as thin bands, light grey, massive, dense, quartz vein breccia filling cuts from 21.9 - 23.8, 27.4 - 29.0; ankerite vein 29.9 - 30.0.									
35.7	38.7	3.0	Ankerite breccia, cuts sandstone, some thin quartz and jasper veining.	1651	35.7	37.2	1.5					0.03
				1652	37.2	38.7	1.5					tr
38.7	43.9	5.2	Sandstone, dark grey, massive, dense, fine pebbles, some to moderate quartz/carbonate stockwork, some ankerite alteration.	1569	41.4	42.7	1.3					
43.9	44.5	0.6	Ankerite veining, cut by narrow quartz and jasper veins.	1653	43.9	44.5	0.6					tr
44.5	45.1	0.6	Sandstone, as above.									
45.1	55.5	10.4	Ankerite breccia, with angular sandstone fragments, jasper and quartz cutting ankerite to form secondary breccia 47.2 - 47.4, generally massive, reddish brown weathering, rare pyrite.	1654	45.1	46.9	1.8					tr
				1655	46.9	48.5	1.6					tr
				1656	48.5	50.0	1.5					tr
				1657	50.0	51.5	1.5					tr
			- ankerite veins/bands at 25° to core	1658	51.5	52.4	0.9					tr
			- from 52.4 - 53.0 conglomerate, coarse angular, light green, polymictic	1659	53.0	54.6	1.6					tr
			ankerite cuts conglomerate and sandstone forming breccia.	1660	54.6	55.5	0.9					0.02
												tr
55.5	58.2	2.7	Sandstone breccia, light green, massive, angular clasts, minor quartz veins.									
58.2	59.7	1.5	Ankerite breccia, cuts above.	1661	58.2	59.7	1.5					tr
59.7	61.6	1.9	Sandstone, dark grey, pebbly, some ankerite veining, minor quartz veins.									
61.6	65.5	3.9	Sandstone, variable light and dark grey, pebbly, some ankerite veinlets, minor quartz veinlets, some bleaching.									
65.5	67.9	2.4	Ankerite breccia, as above.	1662	65.5	67.9	2.4					tr
67.9	75.1	7.2	Sedimentary breccia, medium to light grey sandstone with narrow breccia lenses, indurated, mottled bleaching, minor quartz veins.									

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-24

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid

DATE: 1987

Logged by: Edward W. Grove, Ph.D., P.Eng.
Date: September 18, 1987

Drilling Commenced: September 15, 1987
Drilling Completed: September 17, 1987

Length: 91.1 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300750 E381380

Elevation: 1250.5 m

Dip: -45°
Bearing: 235°

METERS From	METERS To	METERS Length	CORE DESCRIPTION	Sample No.	METERS From	METERS To	METERS Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
75.1	76.8	1.7	Marble, bone white, irregular dark breccia texture, minor ankerite veins cut lower unit; narrow marble band at 71.9 m within sandstone.									
76.8	86.3	9.5	Sandstone, dense, medium grey, indurated, irregular breccia texture, rare carbonate veinlets, some fine quartz veinlets, weak irregular bleaching.									
86.3	91.1 EOH	4.8	Sandstone, variable bleaching, fine grained, dense minor breccia, rare ankerite veinlets, narrow marble lenses, overall mottled aspect due to bleaching etc. along irregular fractures. END OF HOLE.									

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-25

E. M. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid (24 set up)

DATE: 1987

Logged by: Edward M. Grove, Ph.D., P.Eng.
Date: September 19 & 20, 1987

Drilling Commenced: September 17, 1987
Drilling Completed: September 20, 1987

Length: 161.8 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300750 E381380

Elevation: 1205.5 m

Dip: -60°
Bearing: 235°

METERS From	To	Length	CORE DESCRIPTION	Sample No.	METERS From	To	Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	3.0	3.0	Casing.									
3.0	20.5	17.5	Conglomerate, dark grey, angular volcanic fragments pebble to cobble size patchy breccia, volcanic sandstone as matrix, garnet to 5 mm throughout matrix, quartz veinlets at 20° to core, minor carbonate, weakly vuggy.									
20.5	20.9	0.4	Sandstone, light grey, dense, indurated, cut by 3" ankerite vein parallel to banding (45°).									
20.9	23.0	2.1	Conglomerate/breccia, angular, similar to above, more indurated and bleached.									
23.0	27.9	4.9	Sandstone/siltstone, mainly light grey, very fine grained, indurated, dense with dark fine grained siltstone bands at 45°, cut by abundant irregular narrow quartz veins with minor calcite, minor calcite as veinlets, good rip-up textures, tops up, some brecciation.									
27.9	40.2	12.3	Sandstone, as above well brecciated, extensive ankerite alteration and veining from 27.7 - 32.0 m.	1663	27.7	29.3	1.6					tr
				1682	29.3	31.7	2.4					
				1664	36.0	36.4	0.4					tr
402.	71.6	31.4	Sandstone, dark, massive, volcanic, minor pebbles, ankerite alteration and veins 41.9 - 42.1, 43.7 - 44.8 m (crushed), 45.6 - 46.3 (crushing) 47.1 - 47.2 m, 48.1 - 49.7 m (crushed-broken), 51.4 - 52.4, 68.3 - 68.6, 69.5 - 69.8 m; fine grained bleached 50.6 - 52.4 m, probable fault 52.4 to 53.0 (ankerite), strongly bleached 58.3 - 61.6 meters.									
71.6	72.4	0.8	Marble, cut by quartz and irregular coarse grained pyrite.									
72.4	72.7	0.3	Sandstone breccia.									
72.7	73.3	0.6	Quartz vein, vuggy with country rock fragments.									
73.3	74.4	1.1	Conglomerate, mixed angular fragments.									
74.4	74.8	0.4	Quartz, carbonate, ankerite veins cut conglomerate.									
74.8	102.1	27.3	Sandstone, dark, fine grained, volcanic, becoming irregularly bleached giving mottled aspect, scattered quartz veinlets, minor carbonate veinlets, ankerite with rare jasper	1665	94.9	95.6	0.7					tr
			- ankerite with rare jasper	1683	96.2	96.6	0.4					
			- breccia with abundant ankerite from 97.7 - 100.3 m	1666	97.5	99.4	1.9					tr
			- minor pyrite becoming increasingly darker with irregular calcite veinlets.	1667	99.4	100.3	0.9					tr

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-25

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid (24 set up)

DATE: 1987

Logged by: Edward W. Grove, Ph.D., P.Eng.
Date: September 19 & 20, 1987

Drilling Commenced: September 17, 1987
Drilling Completed: September 20, 1987

Length: 161.8 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300750 E381380

Elevation: 1205.5 m

Dip: -60°
Bearing: 235°

METERS From	To	Length	CORE DESCRIPTION	Sample No.	METERS From	To	Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
102.1	103.0	0.9	Skarn, massive, irregular pyrite (15%), magnetite, calcite.	1668	102.1	103.0	0.9					tr
103.0	104.5	1.5	Breccia, very fine grained altered sandstone cut by quartz-carbonate stringers, dense minor K feldspar alteration.									
104.5	117.3	12.8	Skarn, creamy quartz/carbonate veins, irregular with fine to coarse grained pyrite as irregular spots and patches (20-30%), massive to acicular magnetite with minor country rock inclusions, scattered late quartz/carbonate veinlets; - massive magnetite	1669	104.5	106.4	1.9					0.10
				1670	106.4	107.9	1.5					1.80 } 3.9 m
				1671	107.9	109.4	1.5					0.12 } @
				1672	109.4	110.3	0.9					0.34 } 0.82 oz/st
				1673	110.3	111.9	1.6					0.06
			- bleached fine grained sandstone 112.9 - 113.1 m	1674	111.9	112.9	1.0					
			- massive magnetite	1675	113.1	113.7	0.6					
			- bleached fine grained banded sediments as above with minor quartz, magnetite pyrite veins from 113.7 to 115.8									
			- massive magnetite and quartz and pyrite	1676	115.5	117.0	1.5					
117.4	129.5	12.1	Sandstone, indurated, light green-light grey color, weak calcite-ankerite breccia throughout, vein width from 0.5 mm to 2.0 cm, trace of chalcopyrite in calcite ankerite veins									
			- 40% pyrite, 2 % chalcopyrite, 15% calcite, 1% barite	1677	117.0	117.6	0.6					
			- 60% pyrite (very coarse), 4% chalcopyrite, 15% calcite, 5% quartz	1678	119.5	120.0	0.5					
			- 40% pyrite, 2% chalcopyrite, 10% calcite, 3% quartz	1684	124.8	125.6	0.8					
129.5	131.4	1.9	Limestone, crinoidal, replaced with 20% pyrite, 3% chalcopyrite.									
			- 20% pyrite, 70% calcite, 3% chalcopyrite	1679	129.5	130.4	0.9					
			- 20% pyrite, 70% calcite, 3% chalcopyrite	1680	130.4	131.5	1.1					
131.4	133.8	2.4	Sandstone, indurated, light green color, calcite ankerite veining 0.5-1.5 cm.									
133.8	139.9	6.1	Limestone, crinoidal, light grey color, crinoid stems to 15 mm width, 10 cm wide bands of magnetite, jasper, chalcopyrite at contacts with sandstone at 133.8 and 139.9 m, 1 - 4 mm wide ankerite veinlets throughout.									
139.9	161.8 EOH	21.9	Sandstone, indurated, light green-light grey color, 0.5 - 5 mm ankerite-calcite veining throughout, 1-2% disseminated pyrite occuring as coarse grained blebs with minor chalcopyrite.									
			- 40% pyrite, 30% calcite, 2% chalcopyrite, 15% barite, 1% jasper	1681	143.3	144.4	1.1					
			END OF HOLE									

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-26

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid

DATE: 1987
Page 1 of 1

Logged by: Edward W. Grove, Ph.D., P.Eng.
Date: September 23, 1987

Drilling Commenced: September 20, 1987
Drilling Completed: September 23, 1987

Length: 142.0 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300750 E381380

Elevation: 1250.5 m

Dip: -45°
Bearing: 255°

METERS From	To	Length	CORE DESCRIPTION	Sample No.	METERS From	To	Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	3.0	3.0	Casing.									
3.0	71.0	68.0	Sandstone, breccia, to 11.6 m, sandstone generally medium grained, medium grey, massive aspect, generally broken; minor quartz/calcite veinlets; finely banded light green 11.6 - 13.1 m, silicous, bedding at 45°; ankerite alteration 21.0 - 21.3 m, 25.1 - 26.4 m; greenish breccia 26.4 - 27.1, overall breccia aspect to 39.3 m; ankeritic alteration with rare jasper (?) (hematite?) 39.3 - 39.9, rare pyrite 41.6 - 41.9; coarse sediment breccia 55.8 - 56.4 m; ankeritic alteration 56.4 - 57.0, bleached 57.3 - 57.6; bleaching plus ankeritic alteration 58.5 - 59.7; broken 66.4 - 69.8; ankeritic alteration plus rare jasper 69.8 - 71.0 m.									
71.0	74.1	3.1	Sandstone, fine to medium grained, light grey, becoming very fine grained, densely siliceous at 73.4 m with fine bedding at 45°, parallel thin ankeritic banding; mottled aspect to 71.9 m; barite veining 73.7 - 73.9 m.									
74.1	85.0	10.9	Sandstone, with breccia, light to medium grey, variably bleached and indurated, some quartz veinlets, slip at 75.3 m at 60° cuts quartz-barite vein; ankerite breccia 81.9 - 82.7 m.									
85.0	93.6	8.6	Sandstone, siliceous, dense, light grey, weak banding, cut by a few irregular ankerite veinlets, minor barite.	1570	86.6	88.1	1.5					
				1571	88.1	89.6	1.5					
				1572	89.6	91.1	1.5					
				1573	91.1	92.7	1.6					
				1574	92.7	94.2	1.5					
93.6	105.0	11.4	Sandstone, medium grey, dense, very fine grained, thinly banded to mottled aspect; minor ankerite veinlets, some fine quartz stockwork, broken.	1575	103.3	104.8	1.5					
105.5	115.9	10.4	Sandstone, dense, very light grey, massive, rare bands at 55°, minor quartz and barite.	1576	104.8	106.4	1.6					
115.9	119.0	3.1	Marble, crinoidal, coarse grained, massive, light grey, some barite veinlets.									
119.0	124.0	5.0	Sandstone with some limestone bands, very fine grained massive, light grey, brecciated, barite filling.									
124.0	124.6	0.6	Syenite, coarse grained, quartz rich, sill-like.									
124.6	125.0	0.4	Sandstone as above.									
125.0	126.1	1.1	Ankerite veins, oxidized, vuggy, leached.	1577	125.0	126.5	1.5					
126.1	127.8	1.7	Marble as above.									
127.8	129.2	1.4	Sandstone, as above.									
129.2	131.0	1.8	Marble, as above, ankeritic 130.4 - 130.7 m.									
131.0	132.9	1.9	Sandstone as above.									
132.9	142.0	9.1	Marble, as above, ankeritic veining 133.9 - 134.2, 134.7 - 135.6, 138.4 - 139.3 m, plus minor veins and lenses, ankerite appears to be bedded. END OF HOLE	1578	133.2	134.4	1.2					
	EOH			1579	134.4	135.6	1.2					
				1580	138.4	139.3	0.9					

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-27

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid

DATE: 1987

Logged by: A. Kikauka, Gulf International Minerals Ltd.
Date: October 5, 1987

Drilling Commenced: September 23, 1987
Drilling Completed: September 26, 1987

Length: 146.1 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300750 E381380

Elevation: 1205.5 m

Dip: -60°
Bearing: 270°

METERS From	To	Length	CORE DESCRIPTION	Sample No.	METERS From	To	Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	4.0	4.0	Casing.									
4.0	12.5	8.5	Conglomerate, green, grey and red color, polymictic sub-rounded clasts in fine grained light green color matrix, 1-3% ankerite veinlets.									
12.5	15.5	3.0	Sandstone, with minor intercalations of conglomerate, 1% ankerite.									
15.5	32.0	16.5	Sandstone, minor conglomerate, green-light grey color, minor intercalations of limestone, 1% ankerite as veins and breccia.									
			- 3% pyrite, trace chalcopyrite, pyrite blebs 1-15 mm	1581	24.4	25.3	0.9					
			- 20% pyrite, 1% chalcopyrite, pyrite blebs	1582	25.3	26.2	0.9					
			- 2% pyrite, traces chalcopyrite, pyrite blebs	1583	26.2	27.7	1.5					
32.0	33.8	1.8	Limestone, crinoidal, poorly preserved, minor marble forming breccia with calcite matrix.									
33.8	36.6	2.8	Sandstone, light grey-light green color, minor intercalations of conglomerate 1% calcite veining, trace pyrite, minor intercalations of limestone.									
36.6	62.2	25.6	Conglomerate, polymictic sub-rounded clasts, rare ankerite veining to 13 mm width, common calcite veining.									
62.2	99.2	37.0	Sandstone, minor intercalations of limestone, trace pyrite, minor calcite veining to 5 mm width, bleached light grey color with increased pyrite-ankerite at 70.1 - 70.7, 71.9 - 72.5, 76.8 - 78.3 m, 3% pyrite, 5%	1584	94.6	96.2	1.6					
			ankerite at 94.6 - 97.7 m.	1585	96.2	97.7	1.5					
99.2	111.3	12.1	Limestone, crinoidal, minor intercalations of sandstone, 3% ankerite 105.7 - 107.3, 70% ankerite at 108.8 - 110.2m	1586	108.8	110.2	1.4					
111.3	117.0	5.7	Chert, brecciated with 5-10% calcite veinlets, black color, trace - 1% pyrite.									
117.0	122.5	5.5	Limestone, crinoidal, massive, rare calcite veining.									
122.6	146.1 EOH	23.5	Sandstone, light green color, minor bleached light grey color with increased pyrite at 126.8 - 129.2 m, minor calcite veining to 5 mm width.									
			- 60% pyrite	1587	126.8	127.4	0.6					
			- 3% pyrite	1588	127.4	129.2	1.8					
			END OF HOLE									

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-28

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid

DATE: 1987

Logged by: Edward W. Grove, Ph.D., P.Eng.
Date: September 30, 1987

Drilling Commenced: September 26, 1987
Drilling Completed: September 28, 1987

Length: 163.7 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300670 E381287

Elevation: 1207.8 m

Dip: -45°
Bearing: 235°

METERS From	To	Length	CORE DESCRIPTION	Sample No.	METERS From	To	Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	8.5	8.5	Overburden.									
8.5	31.4	22.9	Cherty sandstone, very fine grained to medium grained, cherty to sandy, finely banded at 45° to core, generally light grey; minor breccia with calcite filling; minor quartz/calcite as veinlets, minor ankerite veinlets, becoming moderately ankeritic with rusty aspect.									
31.4	31.6	0.2	Marble, coarse grained, bluish grey, crinoidal (Missippian), intercalated within the cherty sandstone sequence.									
31.6	37.2	0.6	Cherty sandstone, somewhat darker than above, overall sedimentary breccia aspect.									
37.2	37.8	0.6	Marble, medium grained, crinoidal, with angular dark chert breccia fragments.									
37.8	38.7	0.9	Cherty sandstone breccia, thinly banded to massive, with ankerite alteration.	1637	38.4	39.3	0.9					
38.7	43.9	5.2	Marble, crinoidal (Mississippian), variably brecciated, cut by abundant ankerite veinlets, with vuggy, massive coarse grained pyrite from 41.3 - 41.4 m.	1638	39.3	41.3	2.0					
				1639	41.3	41.5	0.2					
				1640	41.5	42.4	0.9					
43.9	48.6	4.7	Cherty sandstone, finely color banded, with ankeritic marble band from 46.3 - 46.6 m, altered vuggy zones 46.6 - 46.9, 47.4 - 47.5, massive coarse grained pyrite at 48.6 has been ground out.	1641	45.9	47.0	1.1					
48.6	53.9	5.3	Marble, medium to coarse grained, crinoidal (Mississippian), light grey, with some grey to black chert breccia fragments; cut by ankerite veins at 30°; minor barite, quartz/calcite veins.									
53.9	82.6	28.7	Cherty sandstone, fine to medium (mm-cm) banding at 65° to core, light grey to greenish; very fine grained to medium grained, sandy; minor breccia; minor quartz/calcite veinlets, some ankerite veinlets, coarse grained pyrite 68.9 - 69.0 m.	1642	53.0	53.7	0.7					
				1643	76.2	78.1	1.9					
82.6	115.8	33.2	Cherty sandstone/sandstone, uniform medium grey aspect, finely banded with good grain size gradation (tops up), minor sedimentary breccia, minor pebble bands; minor ankerite, quartz/calcite and barite veinlets.									
115.8	138.4	22.6	Cherty sandstone, light to medium grey, finely banded, very fine grained to medium grained; lenses coarse grained pyrite, quartz and barite from 137.0 - 137.2; ankeritic breccia with quartz veins 137.2 - 138.4 m.		137.0	137.2	0.2					
					137.2	138.4	1.2					
138.4	160.6	12.2	Syenomonzonite, massive, medium grey spotted aspect, 7-12% pyritic biotite disseminated throughout, sedimentary inclusions 142.9 - 145.1, minor quartz veins.									
160.6	163.7	3.1	Sandstone as above, indurated, slightly altered and brecciated, minor pyrite as veinlets.									
	EOH		END OF HOLE									

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-29

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid

DATE: 1987

Logged by: Edward W. Grove, Ph.D., P.Eng.
Date: September 30, 1987

Drilling Commenced: September 28, 1987
Drilling Completed: September 29, 1987

Length: 139.9 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300670 E381287

Elevation: 1207.8 m

Dip: -45°
Bearing: 055°

METERS From	METERS To	METERS Length	CORE DESCRIPTION	Sample No.	METERS From	METERS To	METERS Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	1.5	1.5	Casing.									
0	2.4	2.4	Overburden.									
2.4	15.2	12.8	Chert, very fine grained, massive, light grey with irregular fine black mottling, cut by some ankerite veinlets, somewhat bleached and altered from 8.8 - 17.4 m.	1629	8.8	11.0	2.2					
				1630	11.0	13.1	2.1					
				1631	13.1	15.2	2.1					
15.2	33.5	18.3	Chert, very fine grained, massive, medium grey, some crude irregular banding, generally closely fractured with fine ankerite veinlets, becoming moderate ankerite veins and veinlets 25.6 - 32.0 m.	1632	15.2	17.4	2.2					
				1633	17.4	19.5	2.1					
				1634	25.6	27.7	2.1					
				1635	27.7	29.9	2.2					
				1636	29.9	32.0	2.1					
33.5	48.0	14.5	Chert, generally with fine sandy laminations/intercalations, giving bedding at 65° to core; minor black cherty lenses showing breccia texture, with quartz/calcite veinlets.									
48.0	51.5	3.5	Sandstone, black, indurated, massive, with disseminated to massive coarse grained pyrite, some acicular magnetite, and barite veining - prominent as skarn-like lenses within this unit; thin barite, magnetite and pyrite as veins along and parallel to core.	1589	48.5	50.0	1.5					
				1590	50.0	50.9	0.9					
				1591	50.9	51.8	0.9					0.14
51.5	57.6	6.1	Sandstone, as above, barite more abundant.	1592	51.8	53.0	1.2					
				1593	53.0	54.6	1.6					
				1594	54.6	56.1	1.5					
				1595	56.1	57.6	1.5					
57.6	66.0	8.4	Marble, coarse grained, white, crinoidal (Mississippian), with narrow (thin) black fine grained sandstone/chert bands, variably ankeritic and cut by some ankerite veinlets 63.5 - 63.8, sandy intercalations generally pyritic (coarse grained); cut by minor barite veins and veinlets; coarse grained chalcopyrite at 66 m.	1596	57.6	58.5	0.9					
				1597	58.5	59.0	0.5					
				1598	59.0	60.7	1.7					
				1599	60.7	62.5	1.8					
				1600	62.5	64.0	1.5					1.23
				1601	64.0	65.8	1.8					0.01
66.0	75.0	9.0	Sandstone, black (as above) partly altered to greenish grey, finely banded at 20° to core; abundant coarse grained pyrite and coarse grained chalcopyrite 67.4 - 72 m, 73 - 73.6, 74.8 - 75 m.	1602	65.8	66.7	0.9					0.09
				1603	66.7	67.7	1.0					14.71) 1.9 m
				1604	67.7	68.6	0.9					0.74) @ 7.72
				1605	68.6	69.5	0.9					0.02
				1606	69.5	70.7	1.2					0.02
				1607	70.7	71.3	0.6					0.02

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-29

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid

DATE: 1987

Logged by: Edward W. Grove, Ph.D., P.Eng.
Date: September 30, 1987

Drilling Commenced: September 28, 1987
Drilling Completed: September 29, 1987

Length: 139.9 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300670 E381287

Elevation: 1207.8 m

Dip: -45°
Bearing: 055°

METERS From	METERS To	METERS Length	CORE DESCRIPTION	Sample No.	METERS From	METERS To	METERS Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
				1608	71.3	72.2	0.9					0.11
				1609	72.2	73.0	0.8					0.03
				1610	73.0	73.6	0.6					0.54
				1611	73.6	74.9	1.3					0.04
75.0	97.0	22.0	Chert, overall grey, mottled aspect, minor fine grained finely banded sandstone/siltstone as partings, banding variable from 20° to 45°, to parallel to core 93.6 - 95.7, minor thin pyrite/barite veins 82.2 - 82.4 at 45° to core, minor quartz/calcite veinlets; becoming light grey (bleached ?).									
97.0	109.1	12.1	Sandstone, as above, black with some light green chert, generally a mixed zone cut by extensive mineralization; massive fine to coarse grained pyrite, minor magnetite, rare chalcopyrite; massive pyrite 99.0 - 100.3, with narrow lenses and disseminated pyrite throughout section; massive fine to coarse grained pyrite 102.4 - 102.7 generally oxidized and apparently leached; moderate ankerite as veins and veinlets overall.	1612	96.9	97.8	0.9					0.02
				1613	97.8	99.1	1.3					
				1614	99.1	100.3	1.2					
				1615	100.3	101.5	1.2					
				1616	101.5	102.7	1.2					
				1617	102.7	103.6	0.9					
				1618	103.6	105.8	2.2					
				1619	105.8	107.9	2.1					
				1620	107.9	109.1	1.2					
109.1	110.5	1.4	Sandstone/siltstone, as above, dark, mottled, somewhat cherty, some irregular barite as veinlets.									
110.5	111.3	0.8	Ankeritic sediments, banding at 30°, sedimentary aspect, possible replacement.									
111.3	140.0 EOH	28.7	Chert, dark, variably mottled to light green grey (bleached ?) irregular breccia as narrow sedimentary zones, soft sediment faulting etc., obvious moderate ankerite 118 - 122.8, 127 - 127.7; alteration (bleaching ?) with some disseminated medium grained pyrite 130.4 - 140 m. END OF HOLE	1621	112.2	113.4	1.2					
				1622	130.4	132.0	1.6					
				1623	132.0	133.5	1.5					
				1624	133.5	135.0	1.5					
				1625	135.0	136.2	1.2					
				1626	136.2	137.5	1.3					
				1627	137.5	138.7	1.2					
				1628	138.7	139.9	1.2					

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-30

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid

DATE: 1987

Logged by: Edward W. Grove, Ph.D., P.Eng.
Date: September 30, 1987

Drilling Commenced: September 30, 1987
Drilling Completed: September 30, 1987

Length: 90.8 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300670 E381287

Elevation: 1207.8 m

Dip: -90°
Bearing: ---

METERS From	To	Length	CORE DESCRIPTION	Sample No.	METERS From	To	Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
0	3.7	3.7	Overburden.									
3.7	12.2	8.5	Chert, sandy chert, very fine grained, light grey, generally weakly to moderately brecciated with ankerite vein filling, minor calcite as veins, medium banding at 80°.	1644	3.7	5.2	1.5					
				1645	5.2	6.2	1.0					
				1646	6.2	7.5	1.3					
				1647	7.5	8.9	1.4					
				1648	8.9	10.4	1.5					
				1649	10.4	11.9	1.5					
12.2	16.5	4.3	Sandstone, minor intercalated chert, medium grey, finely banded at 80°, irregular narrow sedimentary breccia lenses.									
16.5	45.9	29.4	Chert, sandy chert, light grey to milky blue, fine to medium banding at 60-70°, variable weak to moderate ankerite veining and alteration; moderate ankerite 25 - 26.8 m, abundant ankerite and ankerite veins from 31.7 - 37.6, 39 - 39.6, and 40.8 - 45.9.	1650	18.0	19.5	1.5					
				1685	19.5	20.7	1.2					
				1686	20.7	22.2	1.5					
				1687	31.7	33.2	1.5					
				1688	33.2	34.3	1.1					
				1689	34.3	35.5	1.2					
				1690	35.5	36.4	0.9					
				1691	39.0	39.6	0.6					
				1692	40.8	41.4	0.6					
				1693	41.4	41.8	0.4					
				1710	41.8	43.3	1.5					
				1694	43.3	44.6	1.3					
				1695	44.6	46.2	1.6					
45.9	57.5	11.8	Marble, bluish grey, coarse grained, crinoidal (Mississippian), generally massive, cut by ankerite veins, with massive banded (parallel) ankerite from 45.9 - 47.9, 51 - 51.5, 59.7 - 59.9; cut by barite veins.	1696	46.2	47.8	1.6					
				1697	48.5	48.8	0.3					
				1698	50.1	51.5	1.4					
				1699	51.5	53.0	1.5					
				1700	53.0	54.6	1.6					
				1701	56.6	56.8	0.2					
57.5	60.4	2.9	Barite, massive, creamy color, breccia aspect, cut by calcite veinlets.									
60.4	61.0	0.6	Chert, grey, brecciated, minor carbonate veining, gradational to....									
61.0	62.2	1.2	Chert, black, brecciated with abundant carbonate veinlets.									

GEOLOGICAL CORE & ASSAY LOG

COMPANY: GULF INTERNATIONAL MINERALS LTD.

HOLE: DDH-87-30

E. W. GROVE CONSULTANTS LTD.
6751 Barbara Drive, Victoria, B.C.

PROPERTY: MCLYMONT CLAIM GROUP - NW Grid

DATE: 1987

Logged by: Edward W. Grove, Ph.D., P.Eng.
Date: September 30, 1987

Drilling Commenced: September 30, 1987
Drilling Completed: September 30, 1987

Length: 90.8 m
Core: BQ

N.T.S. 104B/15
UTM Co-ordinates: N6300670 E381287

Elevation: 1207.8 m

Dip: -90°
Bearing: ---

METERS From	To	Length	CORE DESCRIPTION	Sample No.	METERS From	To	Length	COPPER %	LEAD %	ZINC %	SILVER oz/st	GOLD oz/st
62.2	71.4	9.2	Cherty, somewhat sandy, occasional sandstone partings, light grey, massive, banding at 45°; skarn-like zones with barite, very coarse grained pyrite, calcite 63.6 - 64.2, 65.2 - 66.1, 68.3 - 71.3 m; pyrite generally forms rounded blebs within the creamy barite matrix, cut by barite and calcite veinlets.	1702	63.5	64.2	0.7					
				1703	64.2	65.2	1.0					
				1704	65.2	66.2	1.0					
				1705	68.3	69.2	0.9					
				1706	69.2	70.2	1.0					
				1707	70.2	71.3	1.1					
71.4	85.0	13.6	Chert, light to medium grey, very fine grained, with occasional thin sandy partings, banding at 30° to core; moderate barite veins and veinlets 72.2 - 73.1, 74.4 - 74.7; coarse grained pyrite and barite (as above) 78.9 - 80.5, and 81.7 - 84.1.	1708	72.2	73.1	0.9					
				1709	74.4	74.7	0.3					
				1711	78.9	80.5	1.6					
				1712	81.6	83.1	1.5					
				1713	83.1	83.5	0.4					
				1714	83.5	84.2	0.7					
85.0	90.8 EOH	5.8	Sandstone, fine to medium grained, medium to dark grey, banding at 90° to core; variably bleached giving irregular mottled aspect, becoming strongly bleached; minor quartz/calcite veinlets. END OF HOLE.									

GULF DD

SKYLINE EXPLORATIONS LTD.
Mine Assay Office

(**Fire Assay)

Date	Sample Number	Au ** oz/T	Ag ** oz/T		Description
Oct 17/87	1538	TR			
	1539	>0.01			
	1540	TR			
	1541	0.01			
	1542	TR			

Registered Assayer
Province of British Columbia

GULF DD

SKYLINE EXPLORATIONS LTD.
Mine Assay Office

(**Fire Assay)

Date	Sample Number	Au ** oz/T	Ag ** oz/T		Description
Oct 18/87	1589	0.01			
	1590	0.01			
	1591	0.14			
	1592	0.02			
	1594	0.02			
	1595	0.03			
	1596	0.01			
	1597	0.02			
	1598	TR			
	1599	TR			
29	1600	1.23		5'	
	1601	0.01			
	1602	0.09			
	1603	14.71		3.2'	
	1604	0.74		3'	
	1605	0.02			
	1606	0.02			
	1607	0.02			
	1608	0.11			
	1609	0.03			
29	1610	0.54		3'	
	1611	0.04			
	1612	0.02			

Rick D. Ross

Registered Assayer
Province of British Columbia

GULF DD

SKYLINE EXPLORATIONS LTD.
Mine Assay Office

(**Fire Assay)

Date	Sample Number	Au ** oz/T	Ag ** oz/T		Description
Oct 8/87	1670	1.80			DDH-87-25
	1671	0.12			"
	1672	0.34			"
	1673	0.06			"
	1511	0.01			
	1512	0.03			
	1513	0.01			
	1516	0.01			
	1517	0.01			
	1518	TR			

Mike DeRoss

Registered Assayer
Province of British Columbia

GULF DD

SKYLINE EXPLORATIONS LTD.
Mine Assay Office

(**Fire Assay)

Date	Sample Number	Au ** oz/T	Ag ** oz/T		Description
Oct 6/87	1668	TR			
Oct 8/87	1501	TR			DDH 87-19 [illegible]-64
	1502	TR			64-69
	1503	0.01			69-74
	1504	TR			74-79
	1505	0.01			79-84
	1506	0.01			84-89
	1507	TR			89-94
	1508	TR			94-99
	1510	TR			99-104
	1669	0.10			
	1478	0.05			
	1480	0.02			

Mike De Rosa

Registered Assayer
Province of British Columbia

GULF

SKYLINE EXPLORATIONS LTD.
Mine Assay Office

(**Fire Assay)

Date	Sample Number	Au ** oz/T	Ag ** oz/T		Description	footage
SEPT 29	1478	.03			DDH 87-17	202.0 - 207.0
	1479	.01			"	207.0 - 212.0
	1480	.03			"	212.0 - 217.0
	1481	.01			"	217.0 - 222.0
	1482	.01			"	222.0 - 227
	1483	TR			"	
	1484	TR			"	
	1485	TR			"	
	1486	TR			"	
	1487	TR			"	

Registered Assayer
Province of British Columbia

GULF

SKYLINE EXPLORATIONS LTD.
Mine Assay Office

(**Fire Assay)

Date	Sample Number	Au ** oz/T	Ag ** oz/T		Description
Oct 2	1662	TR			DDH 87-24
	1488	TR			DDH 87-18
	1489	TR			"
	1490	TR			"
	1491	TR			"
	1492	TR			"
	1493	TR			"
	1494	TR			"
	1495	.02			" 209.0-212.0 Qtz.py.cp.
	1496	TR			"
	1497	TR			"
	1498	TR			"
	1499	TR			"
	1500	T.R			"
	1651	.03			DDH 87-24 117.0-122.0
	1652	TR			" "
	1663	TR			DDH 87 25
	1664	TR			"
	1665	TR			"
	1666	TR			"
	1667	TR			"

W. Livingstone
Registered Assayer
Province of British Columbia

SKYLINE EXPLORATIONS LTD.
Mine Assay Office

Gulf

(**Fire Assay)

Date	Sample Number	Au ** oz/T	Ag ** oz/T		Description
SEPT 87	1466	TR			DDH 87-17
	1467	.03			72.0 - 77.0
	1468	TR			
	1469	TR			
	1470	TR			
	1471	TR			
	1472	TR			
	1473	TR			
	1474	TR			
	1475	TR			
	1476	TR			
	1477	TR			
	1653	TR			DDH 87-24
	1654	TR			
	1655	TR			
	1656	TR			
	1657	TR			
	1658	TR			
	1659	TR			
	1660	.02			179.0 - 182.0
	1661	TR			

W. J. Livingstone
Registered Assayer
Province of British Columbia

GULF

SKYLINE EXPLORATIONS LTD.
Mine Assay Office

(**Fire Assay)

Date	Sample Number	Au ** oz/T	Ag ** oz/T		Description
SEPT 25	1446	TR		78-83	DDH 87-14
	1447	TR		83-88	"
	1448	TR		88-93	"
	1449	TR		44-49	DDH 87-16
	1450	TR		49-54	"
	1451	TR		54-59	"
	1452	.02		59-64	"
	1453	.04		64-69	"
	1454	.07		69-74	"
	1455	TR		74-79	"
	1456	TR		79-84	"
	1457	TR		84-89	"
	1458	TR		89-99	"
	1459	.02		99-109	"
	1460	.01		109-129	"
	1461	.03		20-25	DDH 87-17
	1462	TR		25-30	"
	1463	TR		30-35	"
	1464	TR		35-40	"
	1465	TR		40-45	"

W. Livingstone
Registered Assayer
Province of British Columbia

GULF

SKYLINE EXPLORATIONS LTD.
Mine Assay Office

(**Fire Assay)

Date	Sample Number	Au ** oz/T	Ag ** oz/T		Description
SEPT 23	1419	TR		98-103	DDH 87-14
	1420	TR		103-108	" "
	1421	TR		108-113	" "
	1422	TR		113-118	" "
	1423	TR		4-8.5	DDH 87-15
	1424	TR		8.5-13.5	" " "
	1425	TR		13.5-18.5	" " "
	1426	.42		18.5-23.0	DDH-87-15
	1427	.42		23.0-27.5	" "
	1428	.03		27.5-32.5	" "
	1429	TR		32.5-37.5	"
	1430	TR		37.5-42.5	"
	1431	TR		87.0-92.0	"
	1432	TR		92.0-97.0	"
	1433	TR		97.0-105.0	"
	1434	.02		105.0-112.0	"
	1435	.09		112.0-120.0	"
	1436	TR		120-131	"
	1437	.01		131-136	"
	1438	TR		136-141	"
	1439	TR		141-146	"
	1440	TR		169-174	"
	1441	TR		174-179	"
	1442	TR		179-184	"
	1443	.02		66.0-70	DDH 87-14
	1444	.01		70-74	"
	1445	TR		74-78	"

W. Livingstone
Registered Assayer
Province of British Columbia

GULF INTERNATIONAL

SKYLINE EXPLORATIONS LTD.
Mine Assay Office

(**Fire Assay)

Date	Sample Number	Au ** oz/T	Ag ** oz/T		Description
SEPT. 5/87	1395	0.01	0.01		
	1396	TRACE	<0.01		
	1397	0.02	0.01		
	1398	0.005	0.02		
	1908	2.11	1.11		
	73AK 230	0.04	0.01		

Erw Womacke
Registered Assayer
Province of British Columbia

GULF
INTERNATIONAL

SKYLINE EXPLORATIONS LTD.
Mine Assay Office

(**Fire Assay)

Date	Sample Number	Au ** oz/T	Ag ** oz/T		Description
SEPT. 5/87	73 AK 288	0.18	0.04		
	1917	0.005	0.07		
	1367	TRACE	0.01		[illegible]
	1368	TRACE	0.01		[illegible]
	1369	TRACE	<0.01		"
	1370	0.005	0.03		"
	1371	TRACE	<0.01		"
	1372	TRACE	0.02		"
	1373	TRACE	<0.01		"
	1374	TRACE	0.01		"
	1375	TRACE	0.02		"
	1376	TRACE	0.03		"
	1377	TRACE	<0.01		"
	1378	TRACE	<0.01		"
	1379	TRACE	<0.01		"
	1380	0.005	0.02		"
	1381	0.005	0.03		"
	1382	TRACE	<0.01		"
	1383	0.22	0.06		[illegible]
	1384	0.02	<0.01		"
	1385	TRACE	<0.01		"
	1386	0.005	<0.01		"
	1387	1.01	0.63		[illegible]
	1388	1.48	0.63		" [illegible]
	1389	1.35	0.84		" [illegible]
	1390	0.005	0.05		"
	1391	0.02	<0.01		"
	1392	0.005	<0.01		"
	1393	TRACE	0.02		"
	1394	TRACE	0.01		[illegible]

Erv Womacks
Registered Assayer
Province of British Columbia

GULF D.D.

SKYLINE EXPLORATIONS LTD.
Mine Assay Office

(**Fire Assay)

Date	Sample Number	Au ** oz/T	Ag ** oz/T		Description
SEPT 2	1399	TR			DDH 87-12
	1400	TR			"
	1401	.13			", 75.0-77.0 ✓
	1402	TR			"
	1403	.02			"
	1404	.02			"
	1405	TR			"
	1406	TR			DDH-87-13
	1407	TR			"
	1408	TR			"
	1409	TR			"
	1410	.07			"
	1411	TR			"
	1412	TR			"
	1413	TR			"
	1414	TR			"
	1415	TR			"
	1416	TR			DDH-87-14
	1417	TR			
	1418	TR			

W. Livingstone
Registered Assayer
Province of British Columbia

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

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Pulp

DATE RECEIVED: AUG 15 1987 DATE REPORT MAILED: Aug 25/87 ASSAYER. D. Toye ...DEAN TOYE, CERTIFIED B.C. ASSAYER

GULF INTERNATIONAL File # 87-3322

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
DDH 87-7 composite 10-85 ft. → 1314	67	213	18	188	.7	138	10	96°	2.63	68	5	ND	3	56	1	4	2	300	6.78	.036	10	88	1.82	54	.01	9	.74	.03	.15	1

GULF INTERNATIONAL

SKYLINE EXPLORATIONS LTD.
Mine Assay Office

(**Fire Assay)

Date	Sample Number	Au ** oz/T	Ag ** oz/T		Description
AUG 14/87	73AK 180	0.02		High As ck.	Qtz py arspy.
DDH	1334	TRACE	<0.01	33-38	Alt. vol. sst. 12 py
87-6	1335	0.005	<0.01	38-43	" " "
"	1336	0.005	<0.01	43-47.8	" " "
"	1337	0.005	0.01	52.3-57.3	" " "
"	1338	TRACE	<0.01	57.3-62.3	" " "
"	1339	TRACE	<0.01	62.3-67.3	" " "
"	1340	TRACE	0.02	67.3-72.3	" " "
"	1341	TRACE	0.02	72.3-77.3	" " "
DDH	1342	TRACE	<0.01	10-15	" " "
87-7	1343	TRACE	<0.01	15-20	" " "
"	1344	TRACE	<0.01	20-25	" " "
"	1345	TRACE	<0.01	25-30	" " "
"	1346	TRACE	<0.01	30-35	" " "
"	1347	TRACE	0.01	35-40	" " "
"	1348	TRACE	0.02	40-45	" " "
"	1349	TRACE	0.03	45-50	" " "
"	1350	TRACE	0.01	50-55	" " "
DDH	1351	TRACE	0.04	55-60	" " "
86-1	1352	TRACE	0.02	60-65	" " "
"	1353	TRACE	<0.01	65-70	" " "
"	1354	TRACE	0.02	70-75	" " "
"	1355	TRACE	0.01	75-80	" " "
"	1356	TRACE	0.04	80-85	" " "

Erv Womacke
Registered Assayer
Province of British Columbia

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

DATE RECEIVED: AUG 4 1987
DATE REPORT MAILED: Aug. 7/87..

ASSAY CERTIFICATE

- SAMPLE TYPE: Pulp

ASSAYER: ..D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

GULF INTERNATIONAL File # 87-2962

DDH 87-5

SAMPLE#	CU %	PB %	ZN %	AG OZ/T
1233	.02	.01	.01	.02
1234	.02	.01	.01	.05
1235	.01	.01	.02	.01
1236	.01	.01	.50	.01
1237	.01	.01	.01	.01
1238	.01	.01	.01	.01
1239	.01	.01	.01	.03
1240	.01	.01	.01	.01
1241	.01	.01	.01	.01
1242	.01	.01	.01	.01
1243	.02	.01	.02	.01
1244	.01	.01	.01	.01
1245	.01	.01	.01	.03
1246	.01	.01	.01	.01
1247	.01	.01	.01	.01
1248	.03	.01	.01	.03
1249	.03	.01	.01	.01
1250	.02	.01	.01	.11

Gulf

SKYLINE EXPLORATIONS LTD.

Mine Assay Office

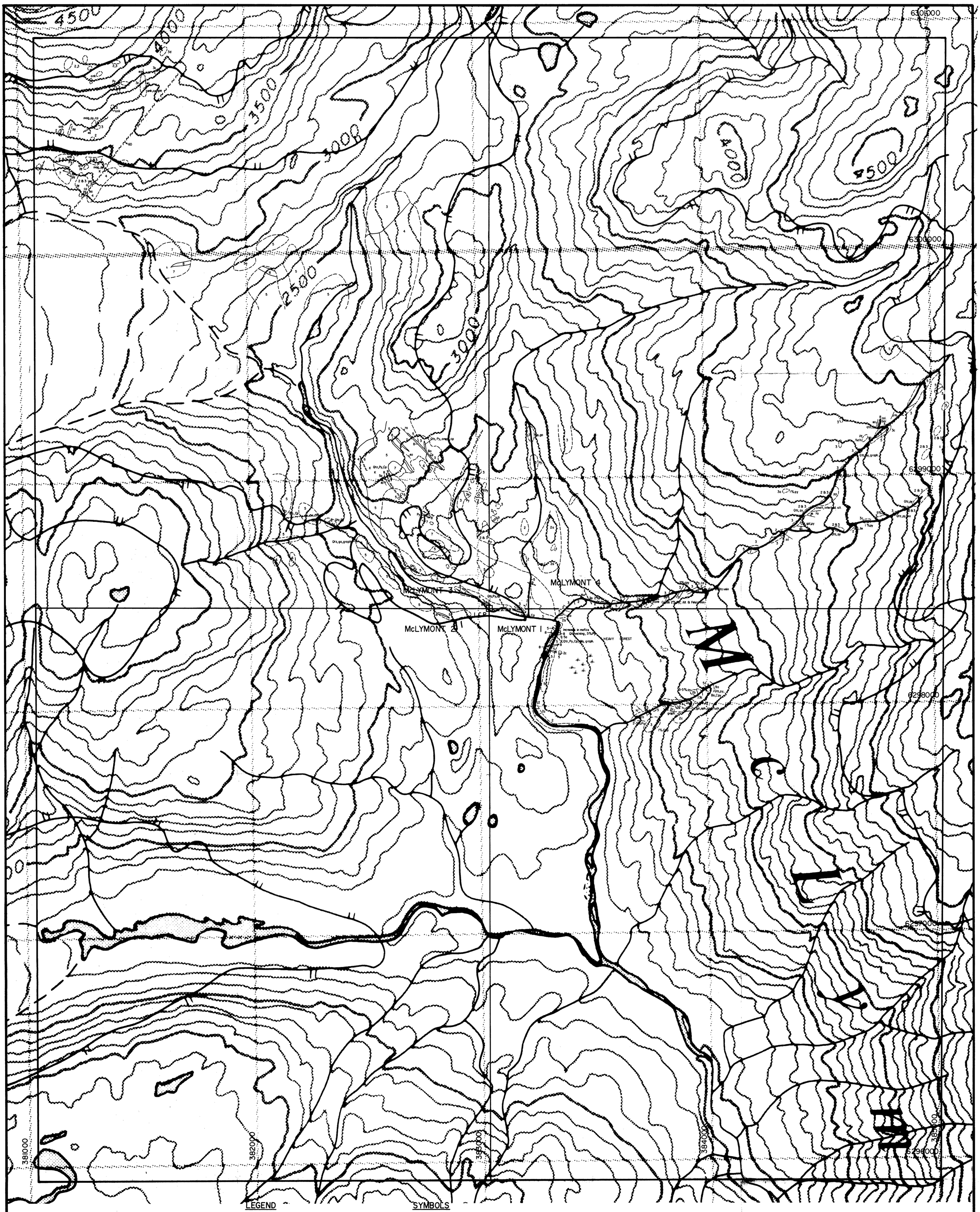
July 24+25/87

(**Fire Assay)

Date	Sample Number	Au ** oz/T	Ag ** oz/T		Description
D.D.	1233	Tr			DDH 87-5 11.0-16.0
87-5	1234	Tr			" 16.0-19.0
	1235	Tr			" 19.0-26.0
	1236	Tr			" 36.0-39.0
	1237	Tr			" 54.0-59.0
	1238	Tr			" 59.0-65.0
	1239	Tr			" 69.0-72.0
	1240	Tr			" 79.5-84.5
	1241	Tr			" 84.5-89.5
	1242	Tr			" 89.5-94.5
	1243	Tr			" 94.5-98.5
	1244	Tr			" 98.5-103.5
	1245	.01			" 103.5-106.2
	1246	Tr			" 106.2-111.0
	1247	Tr			" 111.0-114.0
	1248	Tr			" 114.0-118.0
	1249	Tr			" 118.0-123.0
	1250	.38			" 138.0-140.0

E. D. Archibald

Registered Assayer
Province of British Columbia



LEGEND

TERTIARY and/ QUATERNARY or CRETACEOUS and/or TERTIARY	9	Mafic Dyke, fine grained, dark green 9a - Porphyritic
	8	Ankerite, 0.5% Py, tan in colour
	7	Granite, quartz monzonite, trace - 0.5% magnetite
	6	Diorite, massive gray
	5	Quartz Porphyry 1-5mm Qtz eyes, pink granitic ground mass 5a - Intensely altered (argillic) 1% Py 5b - Chloritic 5c - Silicified
TRIASSIC and/ or PERMIAN	4	Andesitic agglomerate, purple 4a - Flow
	3	Siltstone, green 0.5-1% Py 3c - Some Sandstone 1-2% Py 3d - Conglomerate
? MISSISSIPPIAN	2	Sandstone - 2a Banded chert 2b Quartz bx stockwork 2c Graphitic siltstone
	1	Limestone; massive fossiliferous (crinoidal) 1a - Interbedded with andesitic, agglom.

SYMBOLS

- Outcrop boundary
- Geological boundary, assumed, defined
- Fault zone
- Bedding
- Veining
- Jointing
- Fractures
- Foliation
- Creek
- Swamp
- Vein or dyke

K	K spar
Qtz	Quartz
Py	Pyrite
Cp	Chalcopyrite
ank	Ankerite
mag	Magnetite
bar	Barite
jasp	Jasper

METRES 0 100 200 300 400 500 METRES

GULF INTERNATIONAL MINERALS LTD.

McLYMONT PROPERTY

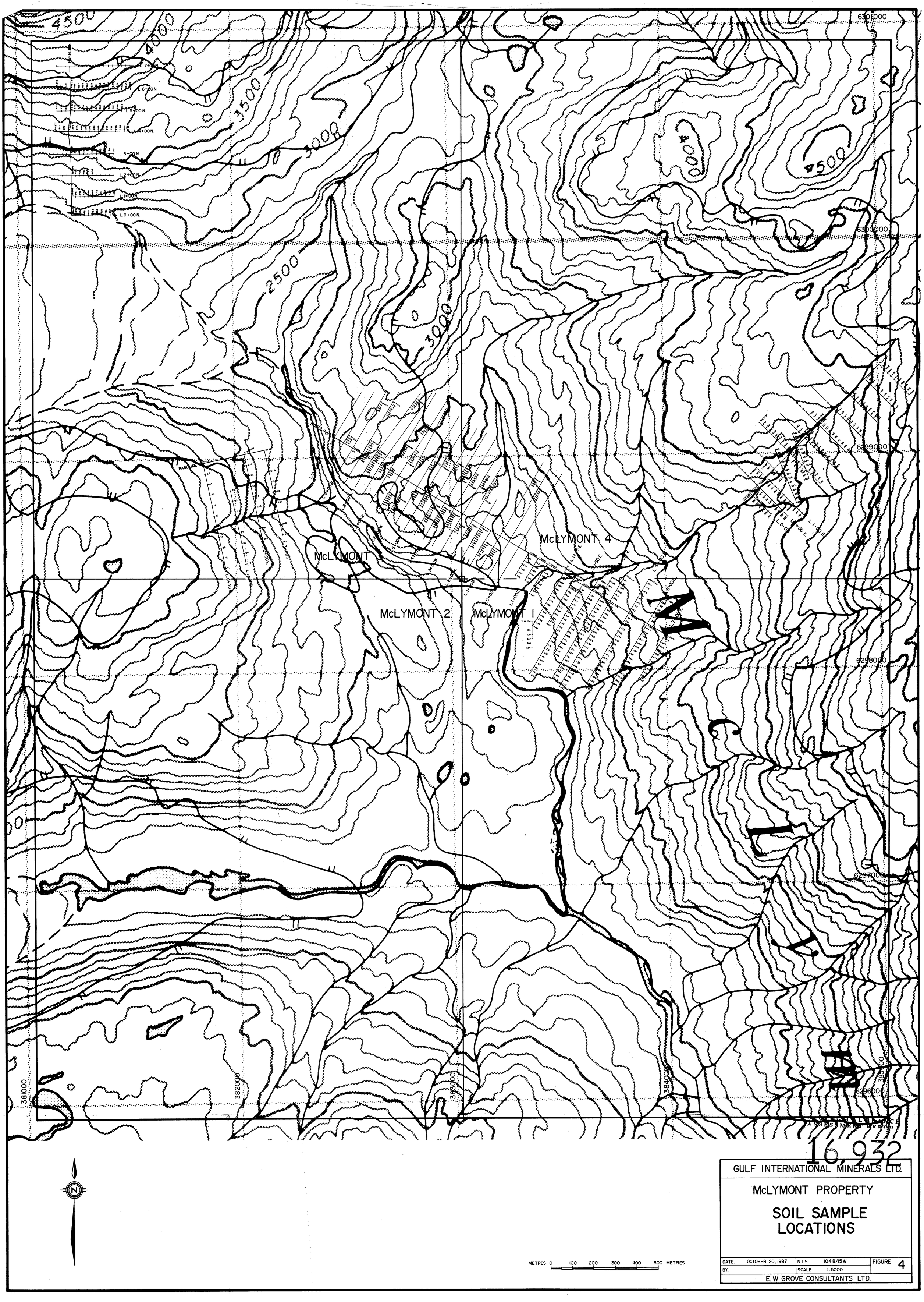
CLAIM GEOLOGY

GEOLOGICAL BRANCH ASSESSMENT REPORT

16,932

DATE: OCTOBER 20, 198[illegible]	NTS: 104 B/15W	FIGURE 3
BY.	SCALE. 1:5000	

E.W. GROVE CONSULTANTS LTD.



16,932

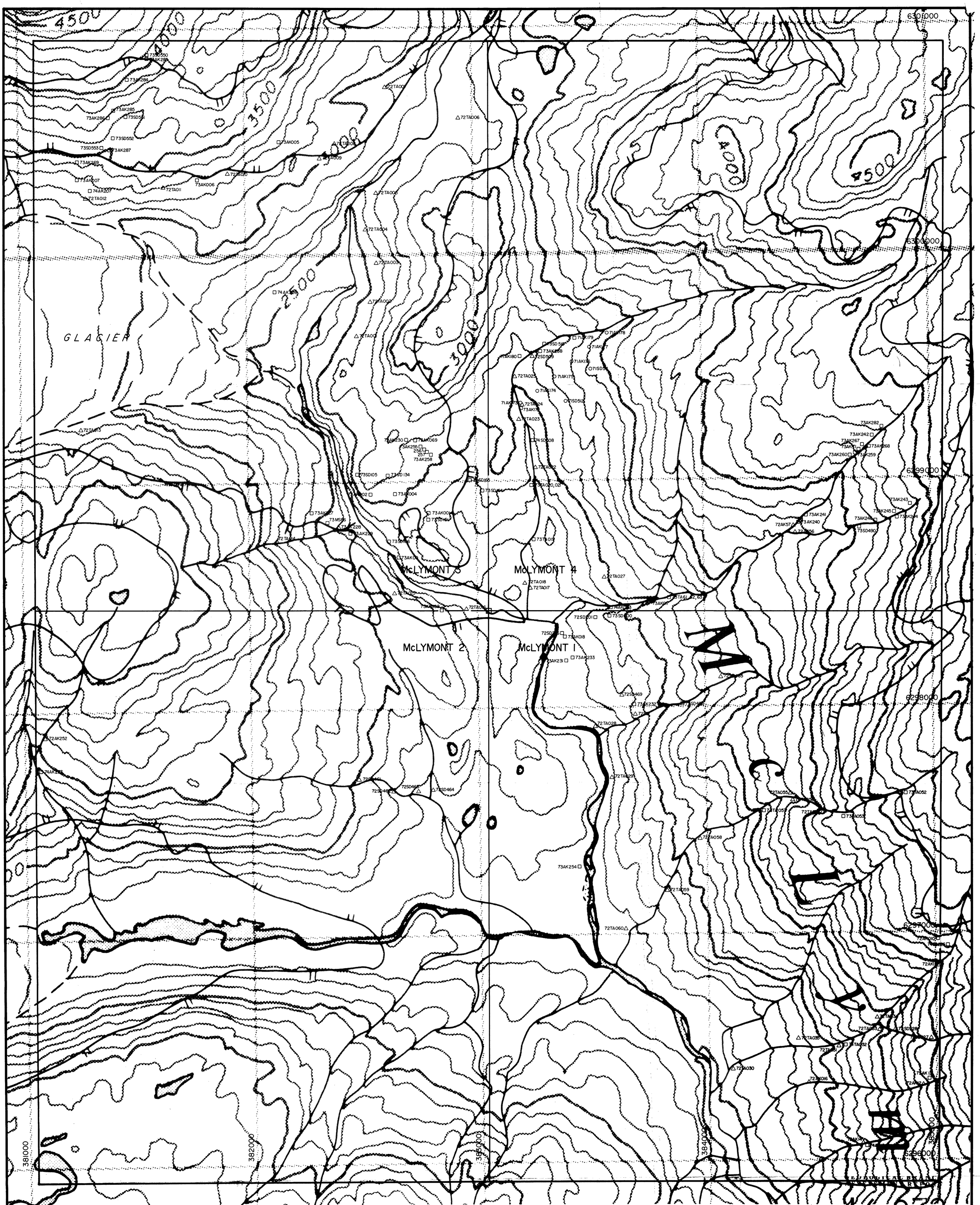
GULF INTERNATIONAL MINERALS LTD.

McLYMONT PROPERTY

SOIL SAMPLE LOCATIONS

DATE. OCTOBER 20, 1987	N.T.S. 104 B/15 W	FIGURE 4
BY.	SCALE. 1:5000	

E. W. GROVE CONSULTANTS LTD.



16,932

LEGEND

△ STREAM SEDIMENT

□ ROCK CHIP

○ SOIL SAMPLE

METRES 0 100 200 300 400 500 METRES

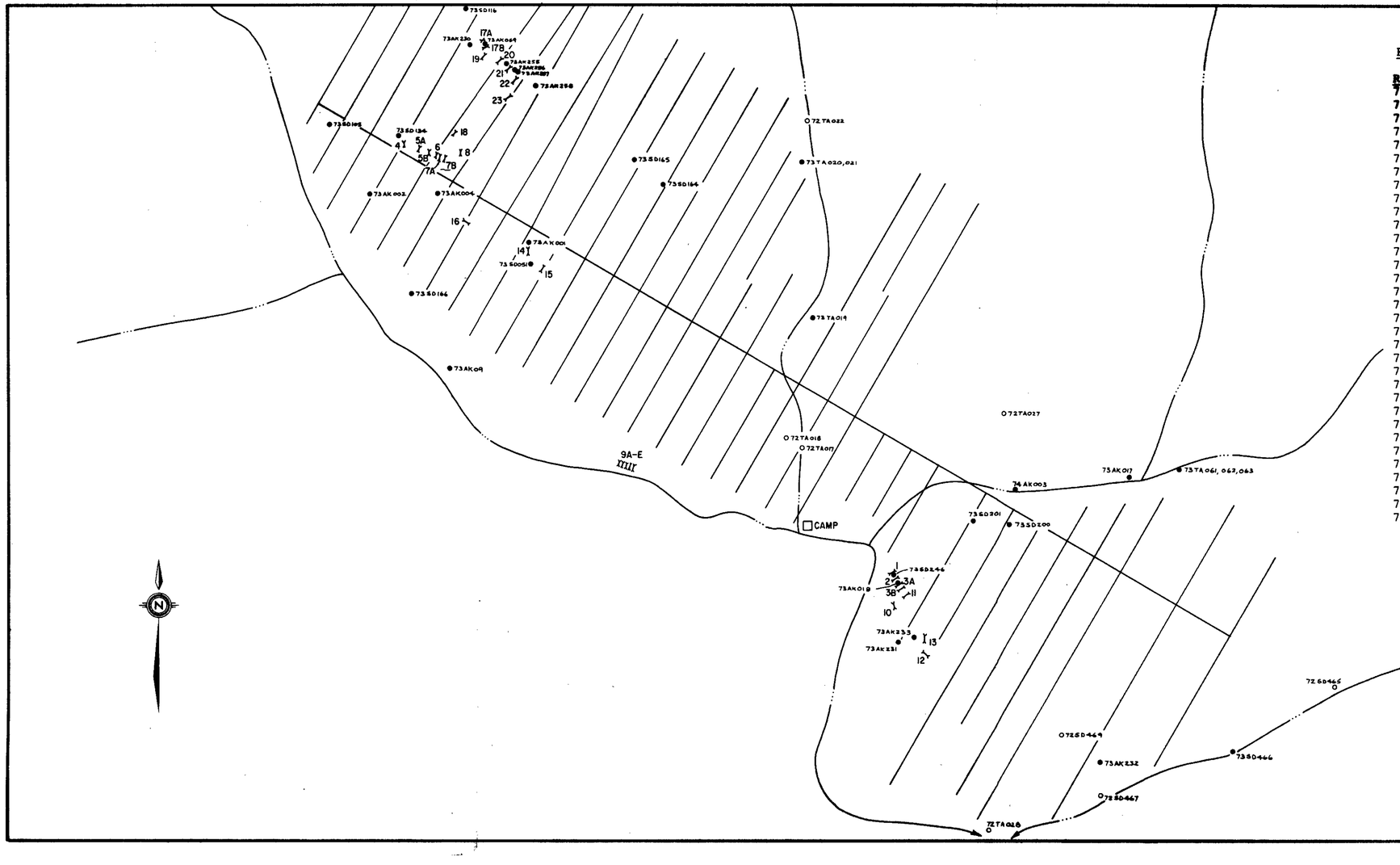
GULF INTERNATIONAL MINERALS LTD.

McLYMONT PROPERTY

STREAM, ROCK SAMPLE LOCATIONS

DATE. OCTOBER 20, 1987	N.T.S. 104 B/15W	FIGURE 5
BY.	SCALE. 1:5000	

E. W. GROVE CONSULTANTS LTD.



ROCK CHIP LOCATIONS

Rock Chip #	Au	Ag	Width Ft.	Description
73SD105	0.005	**<0.01**	**2.6**	**Quartz pyrite chalcopyrite**
73SD116	tr	**<0.01**	**0.3**	**Quartz pyrite chalcopyrite**
73SD134	0.24	**0.11**	**0.7**	**Quartz pyrite chalcopyrite**
73SD166			0.7	Qrtz pyr chalcopy calcite in Q.P.
73SD151	0.23	0.02	2.6	Quartz pyrite chalcopyrite in Q.P.
73SD165	0.005	0.01	1.0	
73SD164	0.005	0.01	1.0	
73SD246	0.01	0.27	0.4	Trench 10 stringer
73SD200	tr	0.04	1.5	Pyrite chalcopyrite in andesite 3% py
73SD201	0.005	0.03	1.0	Pyrite chalcopyrite in andesite
73SD466	tr	<0.01	1.0	Pyrite chalcopyrite in contact fault
73AK002	0.005	0.02	0.6	Quartz pyrite
73AK004	0.005	<0.01	0.8	Quartz pyrite in quartz porphyry
73AK001	2.62	0.66	2.5	Quartz pyrite chalcopyrite
73AK009	0.20	0.06	2.5	Quartz pyrite chalcopyrite vein
73AK230			1.8	Barite calcite sphalerite arsenopyr.
73AK069	0.25	1.18	0.3	Quartz pyrite Chalcopyrite vein
73AK255	tr	0.04	0.7	Quartz pyrite in andesite
73AK256	tr	0.60	0.3	Pyrite arsenopyrite in andesite
73AK257	tr	<0.01	0.3	Pyrite arsenopyrite in andesite
73AK258	tr	0.26	2.8	Barite calcite chalcopyrite in and.
73AK003	0.005	0.50	float	Quartz pyrite shpalerite galena
73AK017	0.005	0.71	0.8	Pyrite along fracture
73AK018	0.005	0.48	0.3	Trench 10, quartz pyrite vein
73AK231				
73AK233				
73AK232				
73TA061	0.010	0.02		Chert 3% pyrite
73TA062	0.01	<0.01		Quartz pyrite chalcopyrite fracture
73TA063	0.040	0.06		Chert 3% pyrite
73TA019	tr	<0.01		Chert 5% pyrite
73TA020	0.005	0.06		Chert trace sphalerite
73TA021	tr	<0.01		Chert 5% pyrite

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,932

m 0 50 100 200 300 m

LEGEND

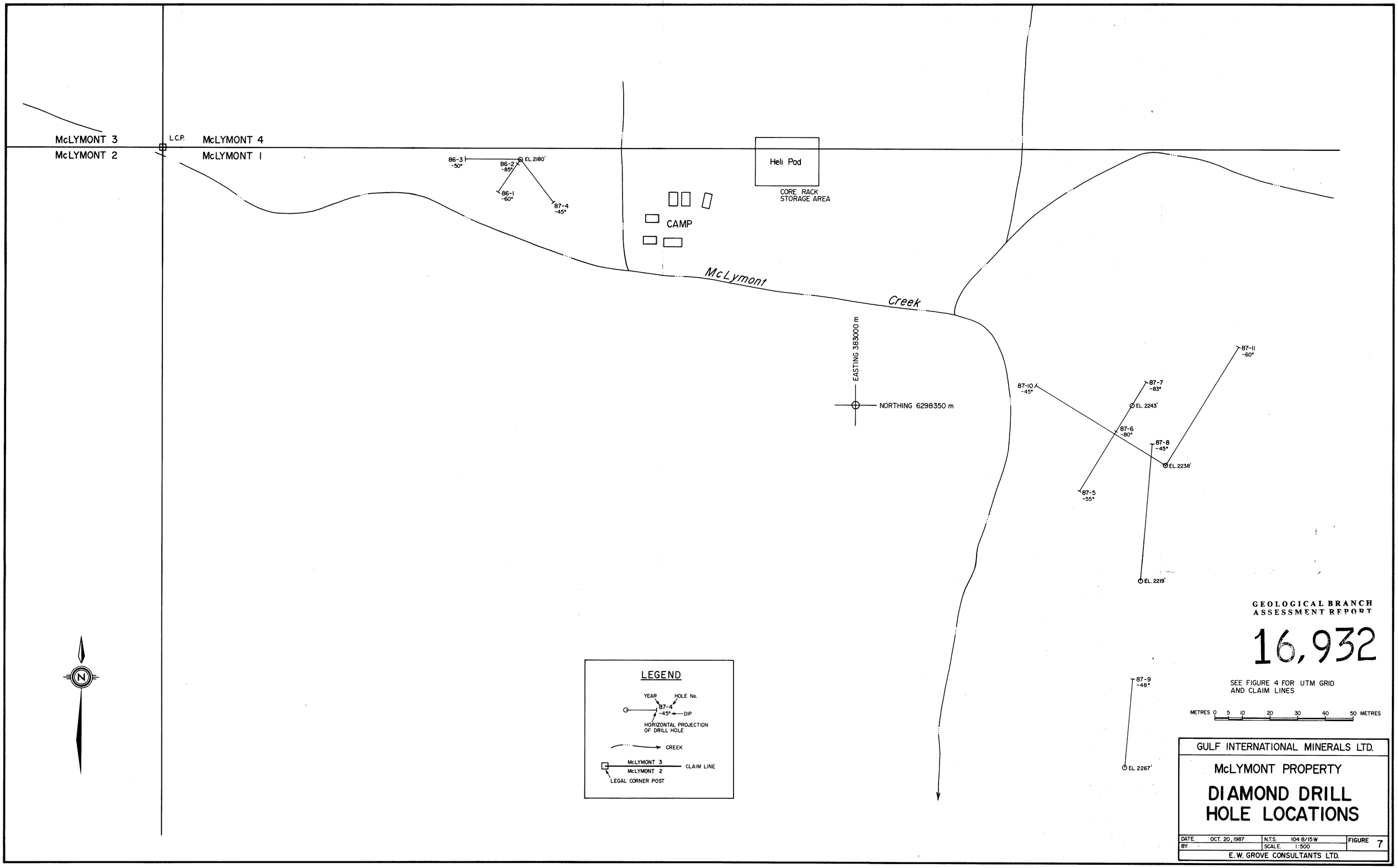
- TRENCH SITE
- ROCK SAMPLE
- STREAM SEDIMENT SAMPLE

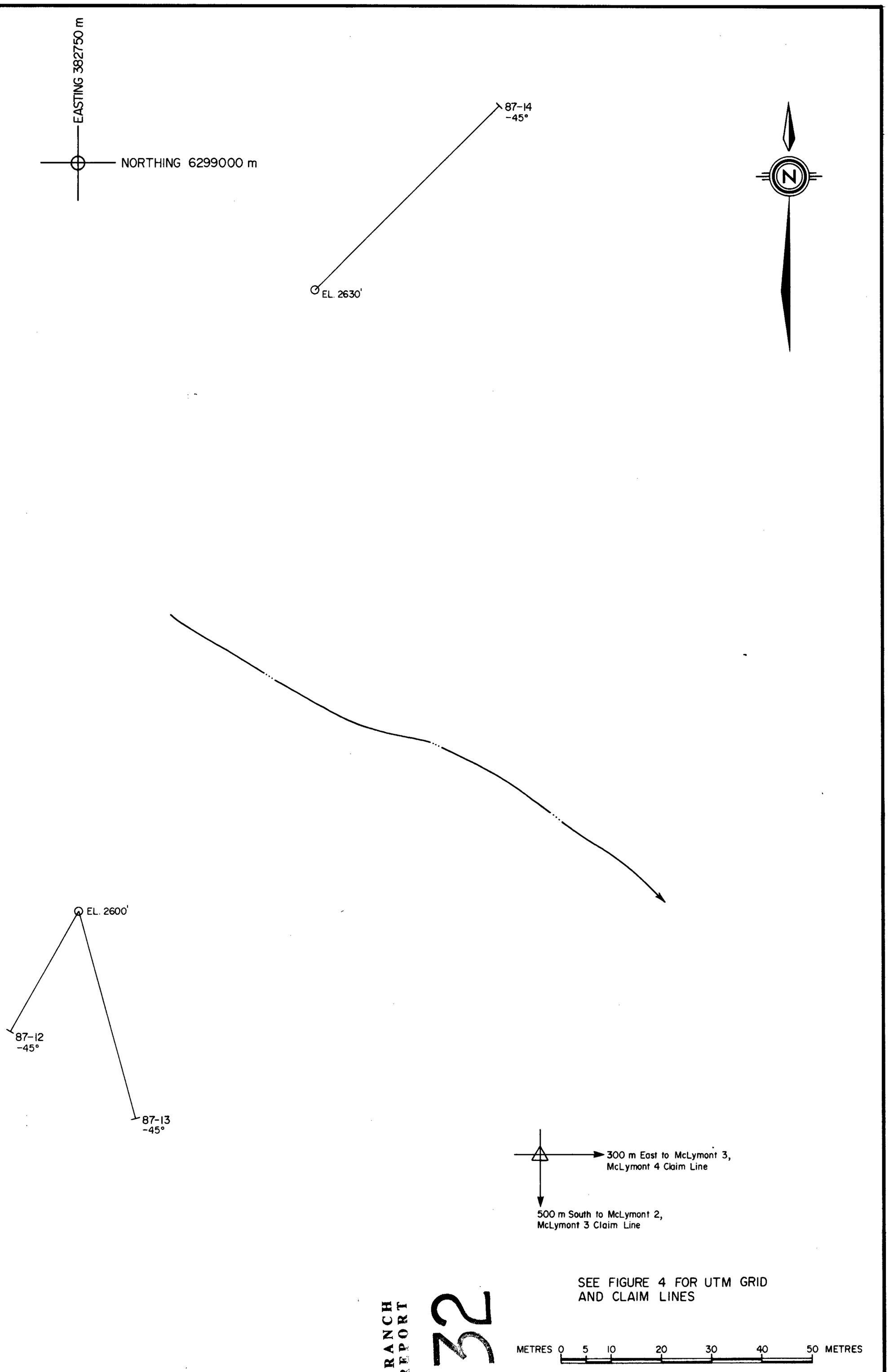
GULF INTERNATIONAL MINERALS LTD.

McLYMONT PROPERTY
TRENCH LOCATIONS

DATE. OCT. 20, 1987	N.T.S. 104B/15W	FIGURE 6
BY.	SCALE. 1:5000	

E.W. GROVE CONSULTANTS LTD.


McLYMONT 3
McLYMONT 2
L.C.P.
McLYMONT 4
McLYMONT 1
86-3
-50°
86-2
-85°
EL. 2180'
86-1
-60°
87-4
-45°
Heli Pad
CORE RACK
STORAGE AREA
CAMP
McLymont
Creek
EASTING 383000 m
NORTHING 6298350 m
87-10
-45°
87-11
-60°
87-7
-83°
EL. 2243'
87-6
-80°
87-8
-45°
EL. 2238'
87-5
-55°
EL. 2219'
87-9
-48°
EL. 2267'
N
LEGEND
YEAR
HOLE No.
87-4
-45°
DIP
HORIZONTAL PROJECTION
OF DRILL HOLE
CREEK
McLYMONT 3
McLYMONT 2
CLAIM LINE
LEGAL CORNER POST
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,932
SEE FIGURE 4 FOR UTM GRID
AND CLAIM LINES
METRES 0 5 10 20 30 40 50 METRES
GULF INTERNATIONAL MINERALS LTD.
McLYMONT PROPERTY
DIAMOND DRILL
HOLE LOCATIONS
DATE. OCT. 20, 1987
BY.
N.T.S. 104 B/15 W
SCALE. 1:500
FIGURE 7
E. W. GROVE CONSULTANTS LTD.



LEGEND

YEAR HOLE No.
87-33
-60° DIP
HORIZONTAL PROJECTION OF DRILL HOLE

CREEK

GEOLOGICAL BRANCH
ASSESSMENT REPORT
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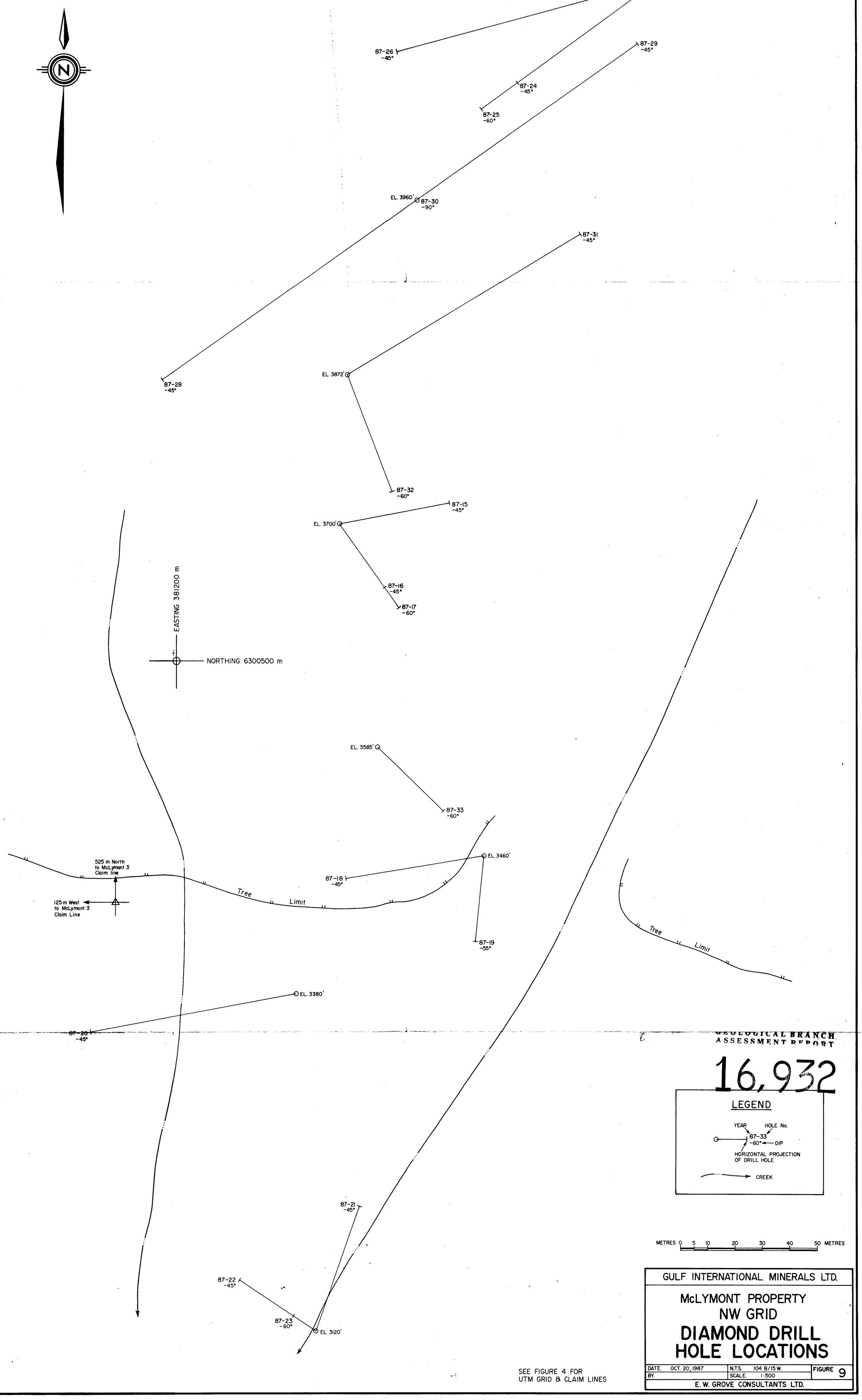
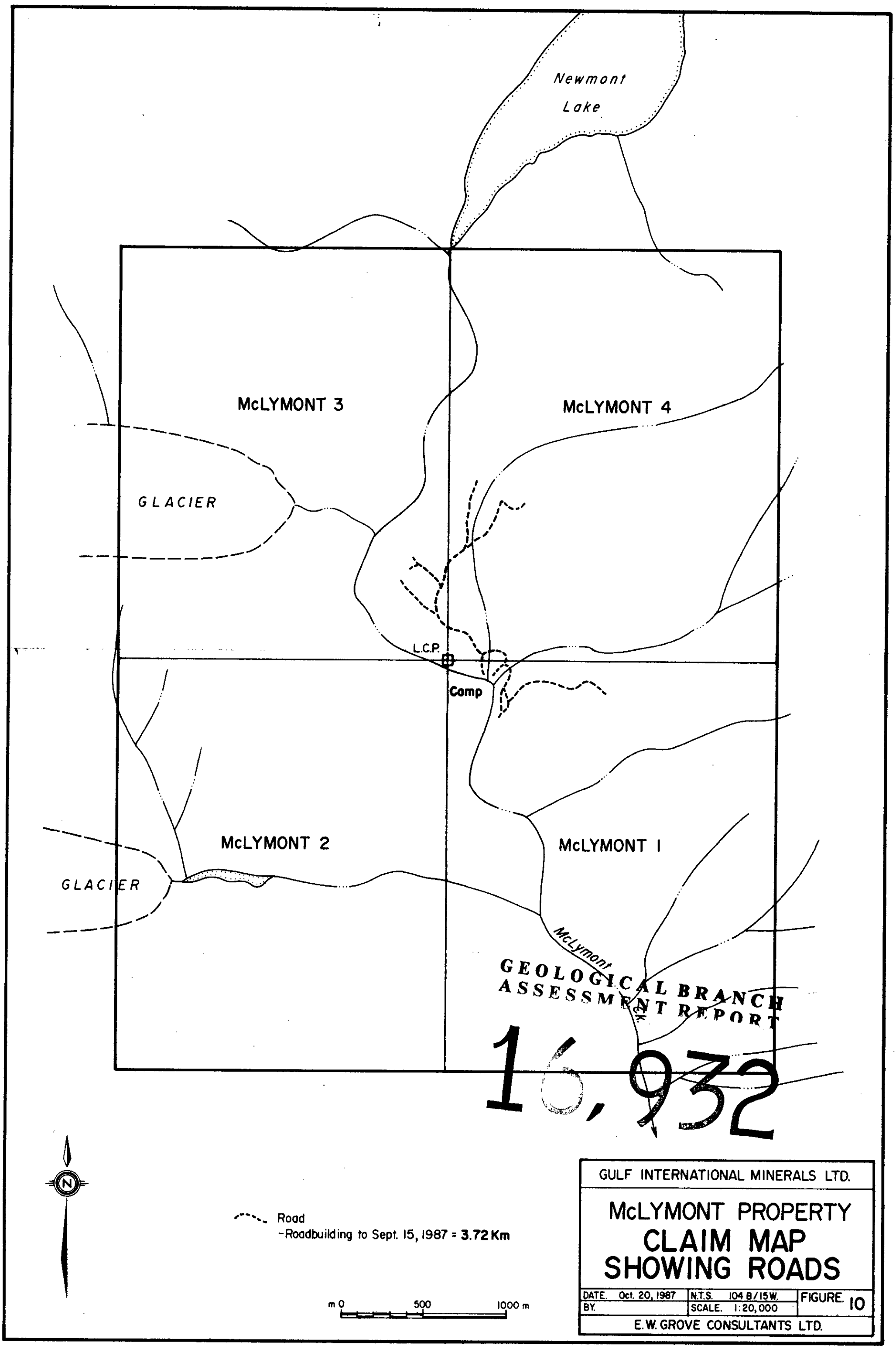
GULF INTERNATIONAL MINERALS LTD.

McLYMONT PROPERTY
MAIN GRID-WEST
DIAMOND DRILL HOLE LOCATIONS

DATE. OCT. 20, 1987	N.T.S. 104 B/15 W	FIGURE 8
BY.	SCALE. 1:500	

E. W. GROVE CONSULTANTS LTD.


N
87-27
-60°
EL. 4100'
87-26
-45°
87-29
-45°
87-24
-45°
87-25
-60°
EL. 3960'
87-30
-90°
87-31
-45°
87-28
-45°
EL. 3872'
87-32
-60°
87-15
-45°
EL. 3700'
87-16
-45°
87-17
-60°
EASTING 381200 m
NORTHING 6300500 m
EL. 3585'
87-33
-60°
EL. 3460'
525 m North
to McLymont 3
Claim line
87-18
-45°
125 m West
to McLymont 3
Claim Line
Tree
Limit
87-19
-55°
Tree
Limit
EL. 3380'
87-20
-45°
87-21
-45°
87-22
-45°
87-23
-60°
EL. 3120'
SEE FIGURE 4 FOR
UTM GRID & CLAIM LINES
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,932
LEGEND
YEAR
HOLE No.
87-33
-60°
DIP
HORIZONTAL PROJECTION
OF DRILL HOLE
CREEK
METRES 0 5 10 20 30 40 50 METRES
GULF INTERNATIONAL MINERALS LTD.
McLYMONT PROPERTY
NW GRID
DIAMOND DRILL
HOLE LOCATIONS
DATE. OCT. 20, 1987
BY.
N.T.S. 104 B/15 W.
SCALE. 1:500
FIGURE 9
E. W. GROVE CONSULTANTS LTD.


Newmont
Lake
McLYMONT 3
McLYMONT 4
GLACIER
L.C.P.
Camp
McLYMONT 2
McLYMONT 1
GLACIER
McLymont
Creek
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,932
N
Road
-Roadbuilding to Sept. 15, 1987 = 3.72 Km
m 0
500
1000 m
GULF INTERNATIONAL MINERALS LTD.
McLYMONT PROPERTY
CLAIM MAP
SHOWING ROADS
DATE. Oct. 20, 1987
BY.
N.T.S. 104 B/15W.
SCALE. 1:20,000
FIGURE. 10
E.W. GROVE CONSULTANTS LTD.