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REPORT ON THE SANDYBEACH LAKE PROPERTY 1987 EXPLORATION PROGRAM

PATRICIA AND KENORA MINING DIVISIONS
ONTARIO

VOLUME I OF II

NTS 52 F
Latitude 49° 48' N
Longitude 92° 18' W

For

Camine Resources Inc.
930 Aquitaine Tower
540 - 5th Avenue S.W.
Calgary, Alberta T2P 0M2

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APR 14 1988
MINING LANDS SECTION

By

Brent Chomack, B.Sc.
GML Minerals Consulting Ltd.
Suite A17, Block A
6120-2nd Street S.E.
Calgary, Alberta T2H 2L8

March 17, 1988

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Please Note:

Duplicate maps were added to this file Sept/89 from OMEP submittal #OM87-2-L-149.

Map #21 "Sandybeach Prospect Summary Map" was also added to this file from the same OMEP submittal but is <u>not</u> a duplicate.

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SUMMARY

The Sandybeach Lake property, owned 100% by Camine Resources Inc., is comprised of 148 full-sized claims arranged in a NE-SW elongate block, located near Dryden, Ontario. The property covers 9.5 square miles south of and parallel to the Wabigoon Fault within the Wabigoon Greenstone Belt, in an area containing numerous shear-controlled vein-style gold occurrences and deposits.

Two gold prospects, the Rivers and Sandybeach Prospects, are located on the property, approximately 4 1/2 miles apart, and have been the focus of previous work from 1938 to 1983. This work included trenching, a 126-ton bulk sample, geophysical and geochemical surveys, mapping, and 3,107 feet of diamond drilling in nine holes. Most of the work on the Sandybeach Prospect was by the Sandybeach Lake Syndicate in 1940 and 1941; and the work on the Rivers Prospect was by a private group in the 1930's, Teck Exploration Co. Ltd. in 1960, and Nova-Co Explorations Ltd. in 1980.

Exploration work carried out on the Sandybeach Lake Property during 1987 by Camine included an airborne geophysical survey and an extensive surface evaluation program. This work was centered over the Sandybeach and Rivers vein gold prospects and comprised Phase I and II programs, except for diamond drilling, as recommended by J. N. Schindler in his report of December 24, 1986. Surface work completed included 52 miles of reconnaissance and detailed grid construction with induced polarization, magnetic and VLF-EM geophysical surveying, geological mapping, prospecting and soil and rock chip geochemical sampling of the grid area, and trench re-furbishment and channel sampling of the Rivers and Sandybeach Prospects. Also, an additional 32 claims were staked to more adequately cover strike extensions of the two main prospects and a five-mile road was constructed over the length of the property.

Airborne magnetic and VLF-EM surveying has indicated the major NE-SW trending rock unit distributions on the property, including a central

mafic metavolcanic belt; identified major fault and shear structures sub-parallel to the regional Wabigoon Fault, which structures inter-connect the Rivers and Sandybeach Prospects and control the vein systems; and identified several targets for detailed ground follow-up evaluation.

Gold-bearing veins at the Sandybeach and Rivers Prospects are hosted in the NE-SW trending mafic metavolcanic belt in areas with associated felsic dyke swarms and strong NE-SW trending faults and shears. Typically, vein wallrocks are silicified, carbonatized and pyritized (i.e. commonly up to 5% and locally up to 25% pyrite), whereas, the veins typically carry 1/2% to 3% (locally up to 15%) sulphides comprising pyrite, chalcopyrite, galena, sphalerite and locally pyrrhotite with gold and silver values. Visible gold is common along the Sandybeach vein, whereas, it only occurs locally in the Rivers vein system.

Quartz ± sulphide veins, with or without altered wallrock zones, occur widespread throughout the property within the mafic metavolcanic belt, commonly associated with felsic dykes.

Soil geochemical and ground geophysical surveys have established models of anomalous geochemical and geophysical signatures over the Rivers and Sandybeach Prospects; have identified potential strike extensions and sub-parallel or subjacent targets of interest at each of the Rivers and Sandybeach Prospects; and additionally, have identified ten Priority-1 targets of interest within the reconnaissance grid area, of similar character as the above anomalies over known gold showings.

The Rivers Prospect, located 4 1/2 miles northeast of the Sandybeach Prospect, is characterized by a system of at least six NE-SW trending shear-fracture controlled quartz veins hosted in massive mafic metavolcanic flows and quartz feldspar porphyry dykes subjacent to a major NE-SW fault (i.e. Rivers Fault). Vein widths range from 0.5 to 3.75 feet, with exposed strike lengths of up to 250 feet. Five of the above veins are exposed in an area 200 feet by 700 feet in an indicated en-echelon arrangement. Trenching across one of these veins (i.e. Vein 5) has defined

a gold zone averaging 3.25 feet wide that extends at least 120 to 150 feet along strike. The zone averages 0.269 ounces gold per ton and 1.92 ounces silver per ton. Similar grades occur on surface in trenches in another subjacent vein (i.e. Vein 4). Also, similar to higher gold and silver grades were previously intercepted in drill holes by Teck beneath the trenched zones on Veins 4 and 5 to depths of up to 240 feet; and additionally, an unexposed vein (i.e. Vein 6) returned good gold values in a drill hole at a depth of 300 feet. These drill hole intercepts, together with surface samples, indicate two and possibly three sub-parallel gold shoots within the Rivers vein system. Four areas of composite geological-geochemical-geophysical anomalies, similar to the main showing, have been identified within the Rivers grid. These include strike extensions of the Rivers vein system, the "Rivers Fault" zone, the "Porphyry Zone," and the "SW Grid Corner."

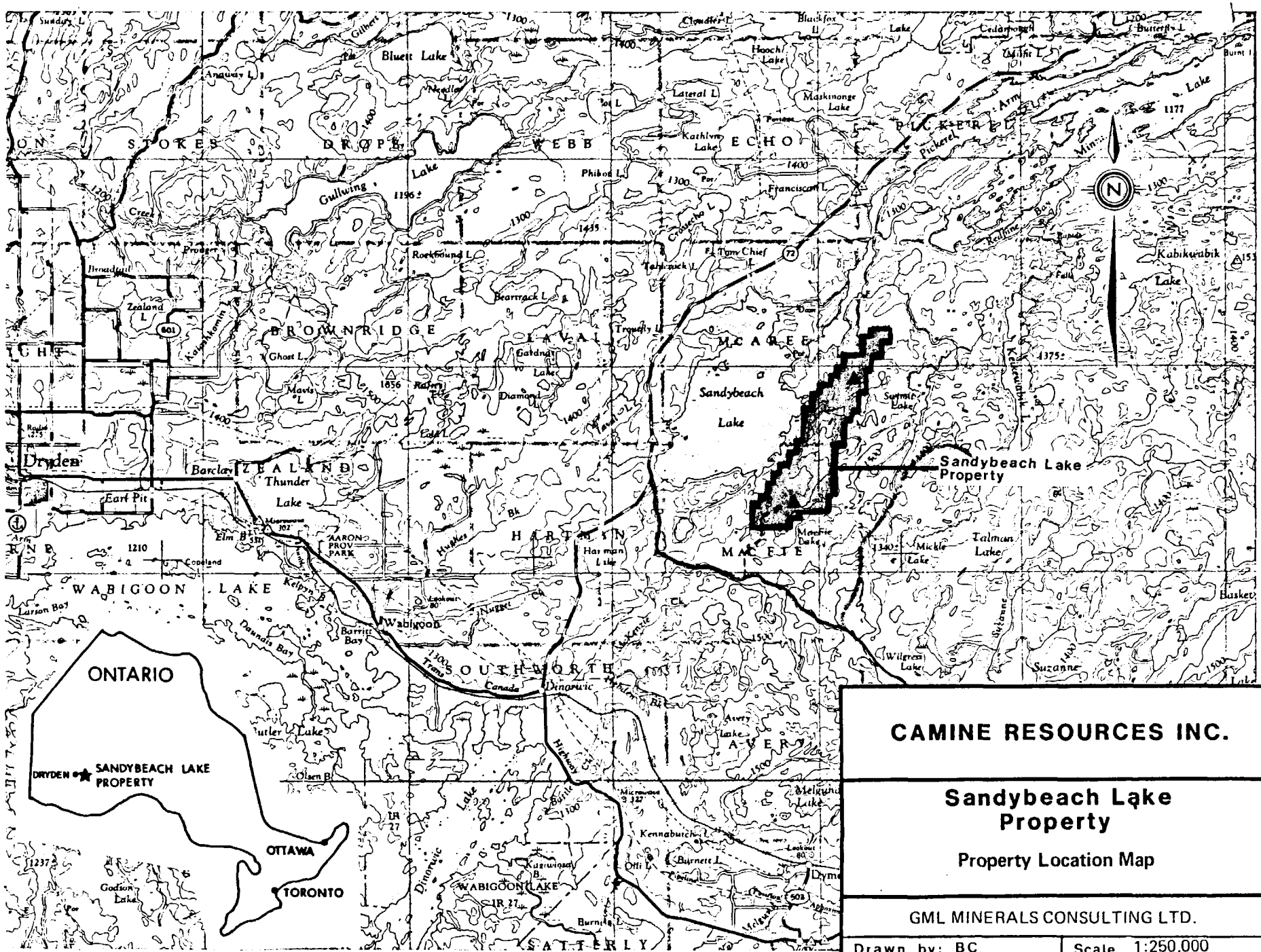
The Sandybeach showing consists of a series of NE-SW trending, parallel quartz-carbonate veins and stringers across a zone up to 18 feet wide in a well-developed shear zone hosted in mafic metavolcanic rocks with associated porphyry dykes. Individual vein widths within the vein zone are up to five feet. The vein system is exposed intermittently along strike for at least 1,200 feet. Trenching across the vein system has defined a gold zone at the SW end of the system that extends for at least 210 feet along strike and averages 0.170 ounces gold per ton across an average width of 3.93 feet. Composite geological-geochemical-geophysical anomalies have outlined two anomalous targets of interest on the Sandybeach grid. These targets are similar to that over the main prospect and include an indicated SW extension of the above gold zone along the Sandybeach shear structure and a NW-SE trending probable metasomatic sulphide zone that intersects the gold zone on the southeast side of the Sandybeach vein system.

The Sandybeach Lake property is considered to have good potential for discovery of one or more structurally controlled, vein-style gold deposits at or along strike from the main prospects and/or within any of the Priority-1 targets of interest within the reconnaissance grid. Good structural

preparation of the region at and between the two main prospects is evident by the extensive longitudinal and splay fault system and the spatial association of this fault system with favourable gold targets.

Based on the foregoing results and potential of the property, a two-phased exploration program is recommended to evaluate the potential of the property, as follows:

Phase I:	5,000 feet of diamond drilling in 13 shallow holes to test gold zones at the Sandybeach and Rivers Prospects at depth and to test the metasomatic sulphide zone adjacent to the Sandybeach gold zone ----------	$260,000
Phase II:	4,000 feet of diamond drilling in 15 holes to test a) geochemically and geophysically indicated strike extensions of known gold zones at the Rivers and Sandybeach Prospects, and b) three favourable geochemically and geophysically anomalous step-out targets on the Rivers and Sandybeach grids; and follow-up evaluation of ten Priority-1 targets of interest within the reconnaissance grid area including grid construction, geophysical surveying, soil sampling, prospecting, mapping, trenching and 2,000 feet of diamond drilling in approx. 7 holes to test anomalous zones of interest ----------	525,000
	TOTAL COST OF PHASES I + II	$795,000



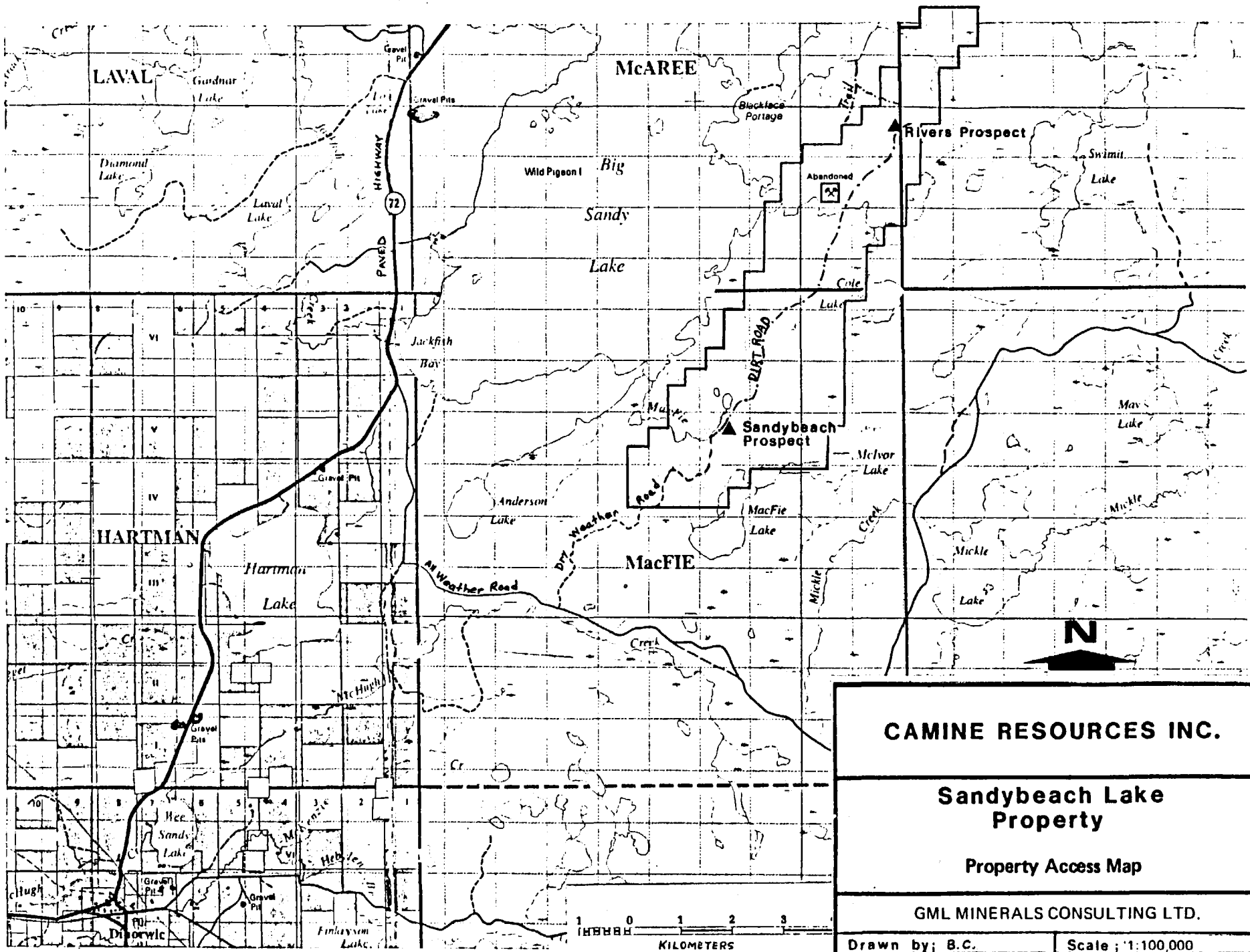
CAMINE RESOURCES INC.

Sandybeach Lake Property

Property Location Map

GML MINERALS CONSULTING LTD.

Drawn by: B.C.	Scale 1:250,000
Date: January, 1988	Figure 1a



CAMINE RESOURCES INC.

Sandybeach Lake Property

Property Access Map

GML MINERALS CONSULTING LTD.

Drawn by; B.C.	Scale ; 1:100,000
Date; Dec 1987.	Figure 1b

INTRODUCTION

LOCATION AND ACCESS

The Sandybeach Lake Property is located 13 km northeast of Dinorwic and 34 km east of Dryden, Ontario, on the east side of Big Sandy Lake. The property lies in Macfie and McAree Townships and Keikewabik Lake Area, centered at approximately 49° 48' N and 92° 18' W. The NTS reference is 52 F/16. (See Figure 1a.)

Access to the property is by road (i.e. travel north of Dinorwic 12.5 km along Highway 72 to the intersection of a gravel road on the east side; continue along the gravel road for 7 km to a northward branching dirt road; travel along the dirt road for approximately 4 km to the property's southern boundary). (See Figure 1b.)

Access to the two main prospects on the property is via dirt road. The property road runs 11.5 km from the south boundary to the northern prospect. The first 3.4 km of this road is accessible by four-wheel drive truck, while the rest can be travelled by all-terrain vehicles.

PHYSIOGRAPHY

The property lies in low-relief undulating topography typical of the Canadian Shield. Elevations range from 364 meters on Sandybeach Lake to a maximum of approximately 450 meters on a ridgetop near Macfie Lake. The terrain is characterized by rocky knolls and prominent ridges, surrounded by flat or gently sloping ground and swamps or bogs. The swampy areas are drained by lakes and/or low-gradient creeks.

Bedrock exposure varies from good to poor, and is typically moss covered. Much of the bedrock is also covered by grey glacial till, which advanced from the north-northeast.

Vegetation cover on the east side of Sandybeach Lake consists of dense coniferous and deciduous shield forest with sparse to thick undergrowth of alder and scrub brush.

CLAIMS

The Sandybeach Lake Property consists of 148 unpatented contiguous claims. There are 81 in Macfie Township, 47 in McAree Township, and 20 in the Keikewabik Lake Area. The claim block lies in the Kenora and Patricia Mining Divisions (see Figure 2).

In 1987, thirty-two claims were staked along strike of the north and south showings, adding to the previously held block of 116 claims. (See Table 1 for a Schedule of Claims.)

Camine Resources Inc. purchased a 100% interest in the original 116 claims from Tri-Minex Resources Ltd. and Loydex Resources Inc. in October, 1986, subject to conditions. These are: Advance royalty payments, a $250,000 work commitment over three years, a maximum royalty of 3% of net smelter returns with a minimum royalty of 1.50 per tonne mined.

The thirty-two claims staked in 1987 are 100% owned by Camine Resources Inc. subject to advance royalty payments and a maximum 3% net smelter return royalty.

HISTORY OF EXPLORATION

The history of the property has been summarized by J. N. Schindler in his report dated December 24, 1986, as follows:

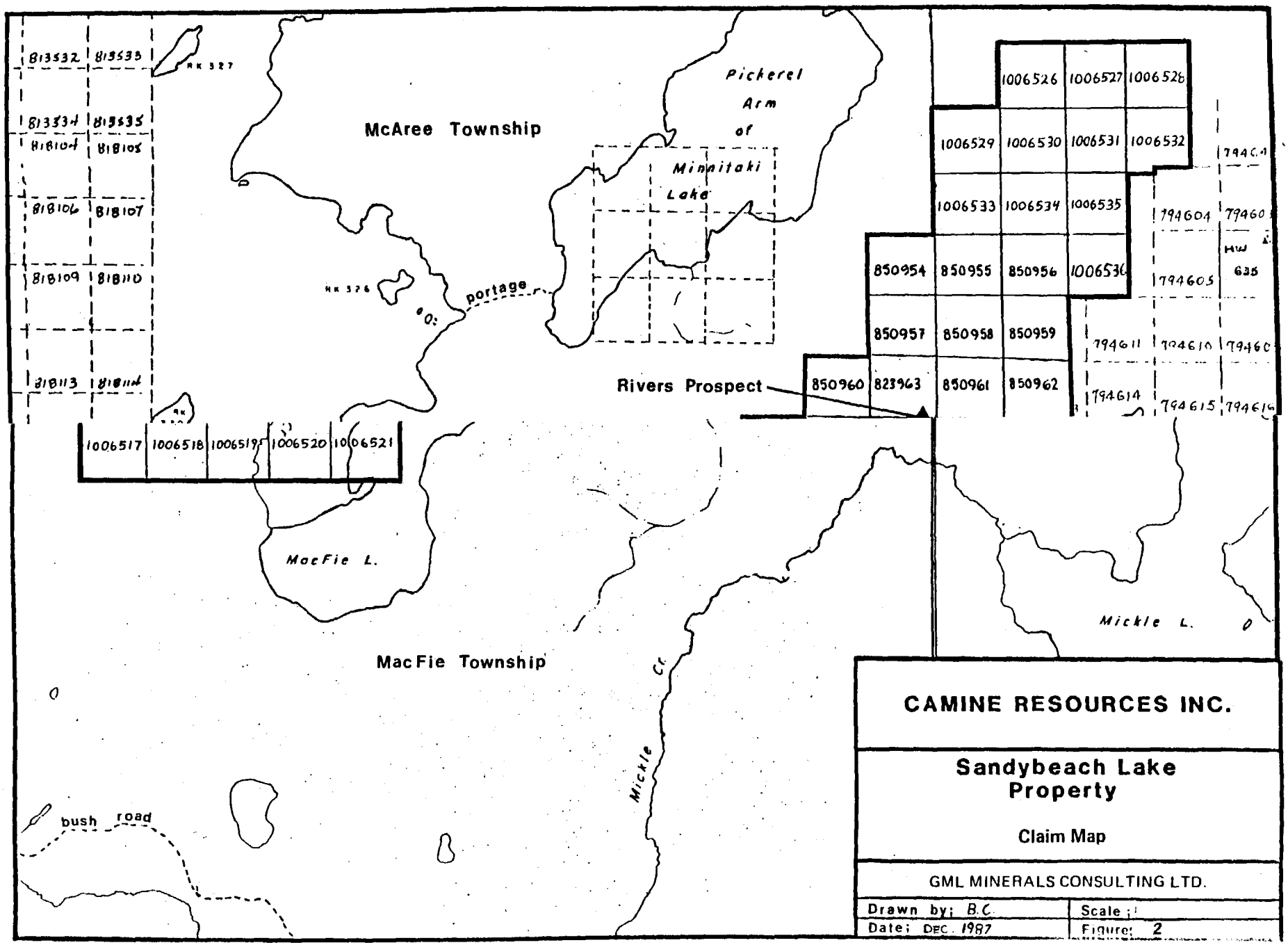

McAree Township
Pickerel Arm of Minnitaki Lake
portage
Rivers Prospect
MacFie L.
MacFie Township
Mickle Cr.
Mickle L.
bush road
1006526
1006527
1006528
1006529
1006530
1006531
1006532
1006533
1006534
1006535
1006536
850954
850955
850956
850957
850958
850959
850960
823963
850961
850962
1006517
1006518
1006519
1006520
1006521
CAMINE RESOURCES INC.
Sandybeach Lake Property
Claim Map
GML MINERALS CONSULTING LTD.
Drawn by: B.C.
Date: DEC. 1987
Scale:
Figure: 2

Table 1

SCHEDULE OF CLAIMS

CLAIM NUMBER	NO. OF CLAIMS	TOWNSHIP OR AREA	DATE RECORDED	ANNIVERSARY DATE
823870 - 823873	4	MacFie	May 8, 1985	May 8, 1988
823963 - 823964	2	McAree	Sep 23, 1985	Sep 23, 1988
850954 - 851003	50	McAree and Keikewabik Lake Area	Feb 13, 1986	Feb 13, 1989
851144 - 851193	50	MacFie	Feb 13, 1986	Feb 13, 1989
861359 - 861362	4	McAree	Feb 13, 1986	Feb 13, 1989
861438 - 861441	4	MacFie	Feb 13, 1986	Feb 13, 1989
861444 - 861445	2	MacFie	Feb 13, 1986	Feb 13, 1989
1006501 - 1006521	21	MacFie	Aug 17, 1987	Aug 17, 1988
1006526 - 1006536	11	Keikewabik Lake Area	Aug 18, 1987	Aug 18, 1988
TOTAL	148			

Sandybeach Prospect

The Sandybeach Prospect was originally staked in 1937 and 1938 by William Gardnar and J. W. Alto, in partnership with E. Pidgeon, and consisted of seven claims called the Alto-Gardnar Property.

In January, 1938, R. Russell Clark submitted a report on the property to the resident geologist at Sioux Lookout. In the report, he described two quartz veins; one was narrow and traced intermittently for five hundred feet, and the other vein, which he termed the "Big Vein," was traced for 1,000 feet and was reported to average five feet in width. Four grab samples were taken from this vein. Two did not carry gold, but the other two assayed 0.37 and 0.13 ounces gold per ton respectively. As a result of this sampling, Mr. Clark optioned the property. It was re-examined in May, 1938 by R. J. Devlin, who reported fine flakes of visible gold in the "Big Vein" but did not recommend the property to the interests that he was representing.

Between 1938 and 1940, the "Big Vein" was stripped and sampled by Alto and Gardnar. Thirteen trenches and pits were excavated across the vein along a 1,000-foot strike length. In June, 1940, eight of the trenches were sampled and returned values ranging from trace to 1.00 ounces gold per ton. In July, 1940, Van Houten Gold Mines Ltd. took nine samples from the property. Eight returned trace values to 0.03 ounces gold per ton and one sample assayed 8.21 ounces gold per ton.

During the summer of 1940, Alto and Gardnar sold the property to a group led by E. I. Adams of Van Houten Gold Mines Ltd., who formed the Sandybeach Lake Syndicate. Between 1940 and 1941, Sandybeach Lake Syndicate did a considerable amount of work on the claims. The property was expanded to 28 claims, a camp was erected and trenching, pitting, bulk sampling and limited diamond drilling were carried out. The diamond drill holes were collared on the footwall side of the vein and intersected the mineralized structure at a very shallow depth. Assay results are not available for the core samples. Approximately 125.71 tons of ore was broken from various parts of the vein over an average width of 6.5 feet. The ore was shipped to the Van Houten Mill and is reported to have run 0.23 ounces gold per ton (private company records; Beard and Garrett, M.D.C. 16, 1976). The National Mineral Inventory (i.e. Au 16; 52 F/16), Satterly, J., 1941, and Ferguson, S. A., et. al., 1971 report the mill recovery system is not known. Also, thirty-three trenches were excavated and thirty-five samples were collected over a reported average width of 4.5 feet, returning an average

grade of 0.21 ounces gold per ton (private company records). Two gold-bearing zones were outlined by this work, one 87 feet long and another 179 feet long (Beard & Garrett, 1976, and private company records).

No further development of the property was reported by the Sandybeach Lake Syndicate after 1941. However, in 1942, after a reported discovery of scheelite ($CaWo_4$) in the area, the property was re-examined by Dr. G. F. Flaherty. He recommended detailed channel sampling at five-foot intervals along strike over a distance of 500 feet, in order to establish the average grade of the mineralized vein structure.

The property remained idle between 1942 and 1981. In 1981, K. Bernier staked four claims over the original property. In 1983, four miles of line was cut and a VLF-EM survey carried out by K. Bernier identified several conductors. In August, 1983, a report and map were prepared on the property by consulting geologist, Jacques Grenier, who recommended further geophysical surveying, geological mapping and geochemical sampling. In 1985, K. Bernier transferred the claims to Loydex Resources Inc.

Rivers Prospect

Gold was originally discovered on the Rivers Prospect at the turn of the century. Sometime prior to 1930, while the Schmidt (McCombe) and Midas properties were being worked, the Rivers Prospect was sampled. During the 1930's the property was extensively trenched (approximately 34 trenches were dug) and sampled, however, the results of this program are not available. In 1950 the prospect was examined and sampled by John C. Rogers. The exact amount of sampling that he conducted is not known. Three samples he collected from the "porphyry ridge" area assayed 0.28 ounces gold per ton and 0.96 ounces silver per ton across 8.2 feet, 1.26 ounces gold per ton and 11.70 ounces silver per ton across 0.5 feet, and 0.56 ounces gold per ton across 3.2 feet (Derry, Thompson and Russell, 1981). Accordingly, Rogers recommended diamond drilling the property.

Based on Rogers' report, Teck Corporation, in 1960, drilled seven holes on the property, totalling 2,725 feet. The holes were collared in the vicinity of the old trenches along a 300-foot strike length in the area of a multiple vein system. Approximately 426.4 feet of silicified porphyry and quartz vein material was assayed. Most of the results were nil to 0.02 ounces gold per ton, however, four intersections assayed 0.4 ounces gold per ton over widths of 1.5 to 4.3 feet (Thompson, et. al., 1981). These results were not encouraging enough for Teck Corporation to maintain its

interest in the claims, and the property lay dormant between 1960 and 1979.

In 1979, the property was staked by Dejour Mines Limited and was then subsequently optioned to Nova-Co Explorations Ltd. During the summer of 1980, Nova-Co carried out a program of line cutting, geological mapping, humus sampling and magnetic surveying. This program was rather limited in scope and further work was recommended, however, the property was subsequently dropped. In 1981, the property was staked (i.e. two claims) by K. Bernier of Sioux Lookout, Ontario, who transferred his interest to Loydex Resources Inc. in 1985.

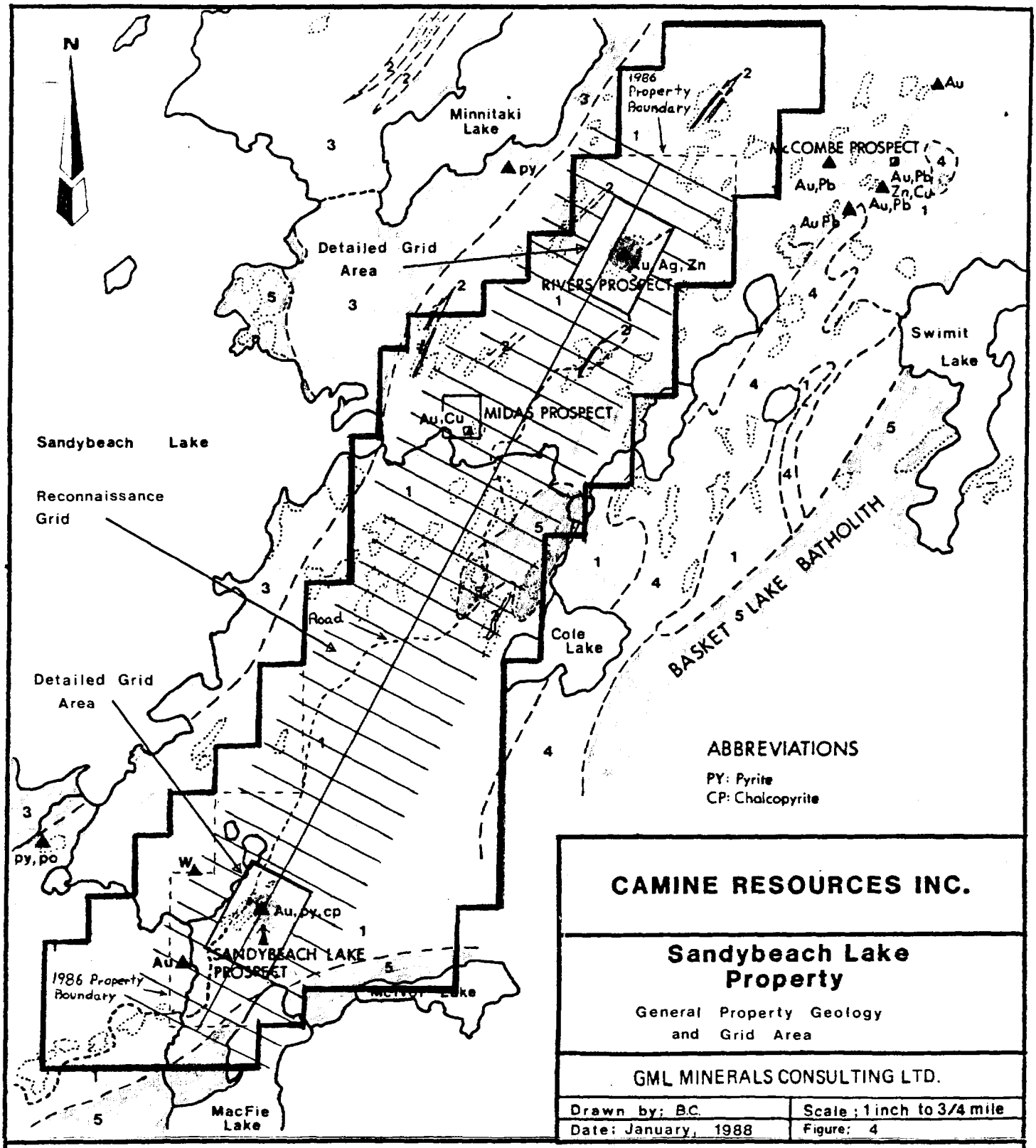
1987 EXPLORATION PROGRAM

The 1987 exploration program was managed by GML Minerals Consulting Ltd. of Calgary, Alberta. The program consisted of grid construction, claim staking, ground and airborne geophysical surveys, road construction, geological mapping, trench refurbishment and construction, geochemical soil and rock chip sampling, and prospecting. The ground geophysical surveys were conducted by Mertens and McNeil Ltd. of Guelph, Ontario, and the airborne survey was conducted by Terraquest Ltd. of Toronto, Ontario. A report on the ground geophysical surveys was prepared by D. J. Misener of Paterson, Grant & Watson Ltd. of Toronto.

The 1987 work program was performed in two periods. The airborne geophysical survey was completed January 20, while the surface work was carried out during July 18 to November 13. Details of the program are as follows (see Figure 4):

1. Airborne Magnetic and VLF-EM Survey. One hundred eighty-five kilometers of lines spaced 100 meters apart were flown with magnetic and VLF-EM readings taken every eleven meters along the lines. The line direction was 300 degrees and the terrain clearance was 100 meters.

2. Road Construction. To access the property and the main showings, 6.4 km of overgrown road was re-opened and 8.1 km of new road was constructed. This was accomplished with the use of a D-6 cat, a front-end loader, and some manual corduroying of swampy areas.



CAMINE RESOURCES INC.

Sandybeach Lake Property

General Property Geology and Grid Area

GML MINERALS CONSULTING LTD.

Drawn by: B.C.	Scale: 1 inch to 3/4 mile
Date: January, 1988	Figure: 4

LEGEND

5	Felsic Intrusive
4	Mafic Intrusive
3	Metasediments
2	Felsic Metavolcanics
1	Mafic Metavolcanics

1/4 0 1/4 1/2 3/4 1 mile

Scale

SYMBOLS

Geological Contact

Outcrop

Shaft

Mineral Occurrence

Reference map by R. Higgens CGS 1984

3. Claim Staking. To ensure sufficient coverage of possible northeast and southwest strike extensions of the vein systems, eleven claims were added to the northeast end of the property and twenty-one claims were added to the southwest end of the property.

4. a) Detailed Grid Construction. Grids over the Sandybeach and Rivers Prospects were constructed with 3,000-foot baselines oriented at 030° and 2,000-foot long crosslines at every 200 feet. A total of 13.1 miles of grid was cut.

b) Reconnaissance Grid Construction. The reconnaissance grid baseline was put in to join the detailed grid baselines and to extend 1,600 feet northeast of the Rivers and 2,400 feet southwest of the Sandybeach grids. Five thousand-foot crosslines were cut at 800-foot intervals along the baseline, plus seven crosslines were cut 1,000 feet longer on the west side to cover the Midas Prospect. The total length of reconnaissance grid construction was 38.7 miles.

5. Geophysical Surveying

a) Detailed Grids. Magnetic and VLF-EM surveys were conducted along the grid crosslines with readings taken at 50-foot intervals. A total of twelve miles was surveyed on the two grids. Frequency domain dipole-dipole Induced Polarization surveys were done with a dipole spacing of 100 feet and N=5 for a total of twelve miles surveyed on both grids. Two lines of 50-dipole spacing and N=5 were done for orientation purposes.

b) Reconnaissance Grid. All the reconnaissance grid cross-lines, including those that extend east or west of the detailed grid boundaries, had magnetic and VLF-EM surveys completed, with readings spaced at 50 feet. The length of the surveyed lines amounts to 33.9 miles. Induced Polarization surveys were done on selected crosslines for a total length of 13.75 miles. These measurements were also taken with a 100-foot dipole spacing and N=5.

6. Geological Mapping. The Sandybeach and Rivers grids were mapped in detail at a scale of 1 inch to 100 feet. The reconnaissance grid area was mapped at a scale of 1 inch to 400 feet.

7. Soil and Rock Chip Geochemistry. Initially, an orientation humus survey was conducted, taking 63 humus samples at 50-foot intervals along three of the Sandybeach detailed grid lines. Subsequent to the orientation humus survey, soil samples were exclusively taken from the B-horizon. Six hundred fifty-three B-horizon soil samples were taken in the detailed grid areas at 50-foot intervals. In the reconnaissance grid area, soil samples were taken on selected lines at 100-foot intervals to coincide with the induced potential surveys. Areas that were considered possible strike extensions of gold veins and/or structures were sampled at 50-foot intervals resulting in a total of 671 samples taken on the reconnaissance grid. Thirty-eight rock chip samples from the detailed grids and 103 from the reconnaissance grid area were collected during the course of mapping and prospecting.

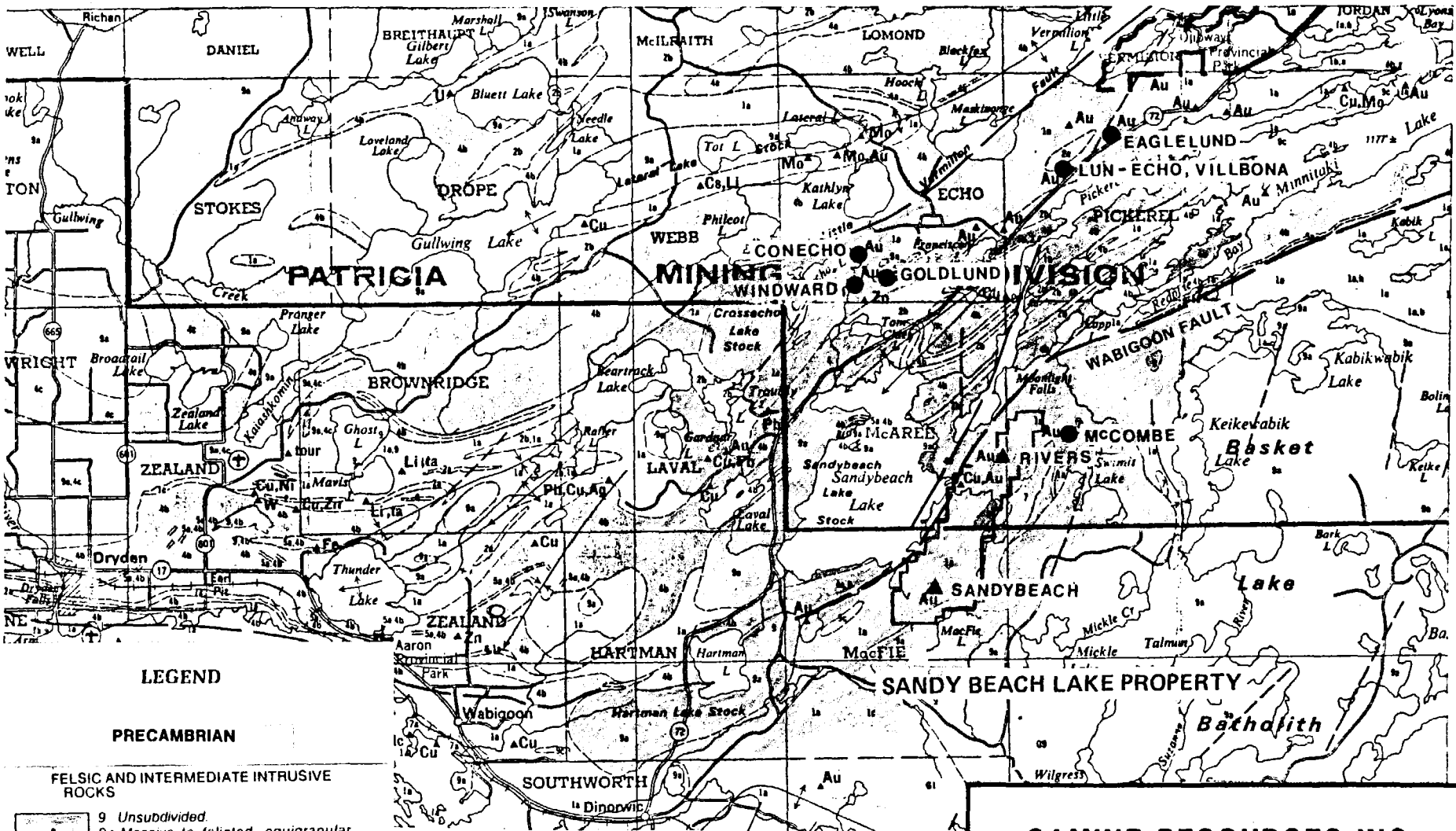
8. Prospecting. The grid areas were prospected for 36 days by a prospector with an assistant, covering most of the grid.

9. Trench Refurbishment. At the Rivers Prospect, 24 trenches along four veins were refurbished by blasting, mucking and washing. Eighty-six channel samples across specific widths and two resamples were taken and submitted for gold and silver fire assays. Twenty-seven trenches at the Sandybeach Prospect were blasted, mucked and washed. One hundred thirteen channel samples over specific widths were taken and assayed as above. Because of possible problems due to nugget effects in the assay procedure, 32 of the 113 sample rejects were run using a coarse-gold method of assay. To investigate possible nugget effect sampling problems, 47 larger-volume channel samples were collected over previous intervals.

REGIONAL GEOLOGY AND MINERAL DEPOSITS

Regional geology and mineral deposits have been summarized by J. N. Schindler in his report dated December 24, 1986, as follows:

> The Sandybeach Lake Property is situated within the Southern Volcanic Belt located along the northern margin of the Wabigoon Greenstone Belt. This greenstone belt is comprised predominantly of mafic volcanic rocks subjacent to the Wabigoon Fault (Trowell, et. al., 1980, and Figure 4; see Figure 3 herein).
>
> The Wabigoon Fault separates the Southern Volcanic Belt from a northeasterly trending metasedimentary belt (i.e. Minnitaki Group) to the northwest. The Southern Volcanic Belt is truncated by the Basket Lake Batholith, which is located immediately southeast of the property, and which is comprised of quartz monzonite and granitic intrusions. Local satellitic stocks of this batholith intrude the volcanic and sedimentary belts west of the property. Also, a northeasterly elongate body of mafic to ultramafic composition is located outside and along the eastern border of the property.
>
> The region of the property is characterized by several vein-type gold deposits (eg. Goldlund, Windward), and numerous gold occurrences, most of which are associated with quartz porphyry to granodiorite intrusions (i.e. dykes, sills, stocks and batholiths) and shear structures. Typically, gold occurs in sub-parallel, quartz-filled fractures in dykes and sills and in quartz and quartz-carbonate veins in shear zones at the margins of the felsic intrusives. The shear zones are highly altered, exhibiting silicification, sericitization, carbonatization with/without pyritization. In most of the gold occurrences and deposits, the majority of gold mineralization occurs in the free state and to a lesser degree, in association with cubic pyrite. Other sulphides in minor amounts within shear zones include chalcopyrite, pyrrhotite, galena and sphalerite. Minor amounts of scheelite have been reported in the area.
>
> In addition to hosting the Goldlund and Windward deposits, the region of the property lies to the north and east of an area of very widespread gold mineralization, namely, the Kenora-Lower Manitou Lakes-Kakagi Lakes areas. These areas are located in the Wabigoon Belt and contain several notable discoveries made in the last few years, including: i) the Nuinsco-Lockwood Cameron Lake deposit (reported reserves



LEGEND

PRECAMBRIAN

FELSIC AND INTERMEDIATE INTRUSIVE ROCKS

9 — 9 Unsubdivided.
9a Massive to foliated, equigranular and porphyritic, quartz monzonite, granodiorite, trondhjemite, quartz diorite, and granite.

METAMORPHOSED MAFIC AND ULTRAMAFIC INTRUSIVE ROCKS

7 — 7 Unsubdivided mafic intrusive rocks
7a Gabbro, norite, diorite.
7b Anorthosite, anorthositic gabbro.

CLASTIC METASEDIMENTS

4 — 4 Unsubdivided.
4a Pebble and boulder conglomerate.
4b Sandstone, siltstone, argillite, and derived schists.
4c Migmatite, metatexite.

FELSIC TO INTERMEDIATE METAVOLCANICS

2 — 2 Unsubdivided.
2a Flows
2b Tuff, agglomerate, and breccia
2c Migmatite.

MAFIC METAVOLCANICS

1 — 1 Unsubdivided.
1a Massive and pillowed flows.
1b Tuff, agglomerate, and breccia.
1c Amphibolite, amphibolite gneiss, and migmatite.

CAMINE RESOURCES INC.

Sandybeach Lake Property

Regional Geological Compilation Map

GML MINERALS CONSULTING LTD.

Drawn by: from OGS map 2443	Scale: 1 inch = 4 Miles
Date: January, 1988	Figure 3

estimated at 1.625 million tons, of which 1.0 million tons grade 0.20 ounces gold per ton; Canadian Mines Handbook, p. 290, 1986/87), and ii) the Consolidated Professor deposit and Shaol Lake (reported reserves estimated at 1.5 million tons grading 0.34 ounces gold per ton; Northern Miner, October 20, 1986).

The Sandybeach-Minnitaki Lake Area was originally prospected for gold at the turn of the century. Although numerous prospects were discovered, high transportation costs discouraged further development. Interest was revived in the area in 1909 with the construction of the Canadian Pacific Railway. Numerous pits and shallow shafts were sunk during this period, and in 1907 the Midas Mine was organized to develop claims HW 409 and 410, located approximately one mile southwest of the Rivers Prospect. Two shafts were sunk (30 and 75 feet deep) on a mineralized quartz vein containing gold and chalcopyrite.

The most significant discoveries in the area were made during the 1940's. In June, 1941, a gold prospect was discovered in Echo Township and Lunward Gold Mines was incorporated in October, 1941 to develop the property (now known as the Goldlund Deposit). Between 1945 and 1952, development work on this deposit outlined a deposit with reserves of 700,000 tons grading 0.25 ounces gold per ton on three levels. The property remained idle between 1952 and 1972. Re-evaluation between 1972 and 1982 by Goldlund Mines Limited resulted in the property being put into production in 1982 at a milling rate of 200 tons per day. Open pit mining was used initially, but was subsequently replaced by underground mining. The Goldlund Mine produced approximately 7,300 ounces of gold per year, with an average mill grade of 0.167 ounces gold per ton. Operations were suspended in March, 1985 with reserves of 200,000 tons grading 0.18 ounces gold per ton.

In 1984, Camreco Inc. drilled the Windward property, which is the westward extension of the Goldlund deposit, and outlined a deposit containing probable reserves of 303,877 tons with an average grade of 0.26 ounces gold per ton.

Other significant deposits known in the area are: i) the Lun-Echo with geologically inferred reserves of 116,500 tons grading 0.20 ounces gold per ton and Villbona, which contains geologically inferred reserves of 20,800 tons grading 0.50 ounces gold per ton; ii) the Eaglelund, with a geologically inferred reserve of 266,000 tons grading 0.10 to 0.15 ounces gold per ton; and iii) the Conecho, with estimated reserves of 41,500 tons at 0.15 ounces gold per ton. (Source: National Mineral Inventory.)

In the immediate area of the Sandybeach Lake Property, the McCombe Property (formerly known as the Schmidt Property) has a reported geologically inferred reserve of 12,500 tons grading 0.15 ounces gold per ton. (Source: National Mineral Inventory.)

RESULTS OF THE 1987 PROGRAM

AIRBORNE GEOPHYSICAL SURVEY

The following sections relating to the airborne geophysical survey and Figure 5 herein were prepared by George M. Leary.

Airborne magnetics and VLF-EM surveying of the property, along with vertical gradient processing of magnetic data, provided a valuable base for evaluating rock unit distribution and identifying major fault and shear structures, probable bedrock source conductive zones, and in selecting follow-up targets for reconnaissance ground surveys and focused prospecting. Results of the survey are summarized on Figure 5, and as follows:

1. Curvi-linear magnetic patterns (i.e. NS in the south and NE in the central and northeast portions of the property) reflect the mafic volcanic belt that predominantly underlies the property as well as granitic to mafic intrusive bodies along the east side of the property and sediments to the west. Intrusives are dominantly reflected by magnetic highs, whereas the sediments are reflected by magnetic lows. The central volcanic belt is a complex low magnetic relief zone flanked on the west by a narrow zone of linear magnetic highs likely reflecting a previously unmapped intrusive belt.

2. The Wabigoon Fault system is reflected by the magnetics, separating the above linear narrow magnetic trends from a regional low to the west which reflects sediments.

3. All of the gold showings (i.e. Rivers and Sandybeach) on the property and on the Midas claim occur within the central complex magnetic low belt (i.e. central mafic volcanic belt) and are each associated with a localized magnetic high.

Subsequent mapping has shown these highs to largely reflect zones of concentrated felsic porphyry dyke swarms. Another similar magnetic high without any known gold showing occurs east of the baseline between lines 24 S and 56 S.

4. Vertical gradient processing of total magnetic field data has indicated a major curvilinear longitudinal fault system (Rivers Fault) extending the length of the property centrally located within the central volcanic belt and associated with a series of NE-SW trending splays (i.e. possibly splays off the Wabigoon Fault and/or the Rivers Fault) in the southern portion of the property. The latter splays truncate all the major NS trending magnetic units in this area. The Rivers and Midas Prospects occur in vein systems immediately subjacent to the Rivers Fault, whereas the Sandybeach Prospect occurs adjacent to a NE-SW trending splay (Sandybeach Fault) southwest of the Rivers Fault.

5. Numerous VLF-EM anomalies were identified by the survey. Some appear to reflect conductive overburden (i.e. lakes, swamps, etc.). However, a number of strike limited anomalies occur throughout the property, particularly within the central volcanic belt. Some of the latter anomalies appear associated with magnetically inferred faults.

6. A number of favourable geophysical targets within the central mafic belt were identified based on the above noted gold associated parameters (i.e. Rivers Fault and splays, localized magnetic highs and VLF conductors) and induced polarization anomalies. The latter were subsequently generated during the summer program and are discussed in more detail in later sections of this report.

GEOLOGICAL MAPPING AND PROSPECTING

Geological mapping of the reconnaissance and detailed grids was successful in establishing rock unit distributions, structure and the setting of known gold prospects. Prospecting of the property resulted in discovery of numerous quartz veins, sulphide occurrences and altered shear structures. These features are described in various sections that follow in this report.

Rock Units

The Sandybeach Lake Property is underlain by an early precambrian assemblage of intermediate and mafic metavolcanics, and felsic intrusive rocks. The mafic metavolcanics consist of massive flows; pillowed or vessicular and amygdaloidal flows; augite-phyric flows; and plagioclase-phyric flows. The intermediate metavolcanic unit, consisting of tuff, outcrops only in the northwest corner of the property. The intrusive rocks consist of dykes or dyke swarms of either feldspar-phyric or feldspar-quartz porphyry composition. The east edge of the property is underlain by a large felsic stock (see Figure 6).

Massive flows are the predominant rock type running in two main and several smaller curvi-linear belts along the length of the property. These belts and other concordant rock units strike NE-SW in the north end to central portion of the property and NNE-SSW to NS and locally SE-NW respectively in the central to southern portions of the property. Massive flows are basaltic in composition, green to dark green, fine to medium grained, and typically contain less than 1% plagioclase phenocrysts. In the vicinity of shear zones, this unit can become locally schistose. Weathering is medium grey-green and blocky.

Pillowed, vessicular and occasionally amygdaloidal flows (Unit 1b) of basaltic composition are the second most prevalent unit underlying the property. The pillows are well formed, close packed to amoeboid with thick

selvages and occasionally have up to 5% interselvage material. This unit occurs in several bands 500 to 1,400 feet wide subparallel to the massive flows, except near the Sandybeach Prospect, where the NE-SW bands locally strike SE-NW. The basalt is very fine-grained, grayish green to dark green, weathering various shades of light green.

Augite-phyric flows (Unit 1c) occur as narrow 100 to 700 foot wide curvi-linear bands in the south quarter of the property. These range from massive to pillowed and vessicular at the flow margins. Plagioclase-phyric flows (Unit 1e) occur as narrow, 100 to 800 foot wide bands throughout the length of the property. The plagioclase phenocrysts in these flows vary from 1/2 inch to 4 inches in size, are euhedral to anhedral, comprise 1% to 70% of the rock unit, and are white to light green in color. The groundmass is light to dark green and occasionally is augite-phyric. The field name used for this unit is "Leopard Rock." This unit may, at least in part, be an intrusive rock, based on its texture and in that it locally appears to truncate other volcanic units.

At the northwest corner of the reconnaissance grid are two bands of green intermediate tuffs (Unit 1d) approximately 200 feet wide. These are medium green, very fine grained, foliated, and contain rare clear quartz eyes. The tuff weathers light green-grey and the quartz eyes stand prominently on the surface.

The most common intrusive rocks are feldspar-quartz porphyry dykes (Unit 2a). These are white, grey, rarely pink, fine to coarse grained, equigranular to porphyritic, with prominent quartz phenocrysts or quartz eyes. They typically weather very blocky and a white to cream color. The dykes range from 5 to 200 feet in width (i.e. average 20 to 30 feet). They occur as single isolated bodies or in swarms as at the Sandybeach and Rivers Prospects. Dykes within the swarm at the Sandybeach Showing average 25 feet wide, while those at the Rivers are 25 to 60 feet wide. In both cases, the dykes comprise about half the country rock.

Feldspar-phyric dykes (Unit 2b) typically do not occur in swarms and account for only 10% of the dykes on the property. These are white to grey, equigranular to porphyritic, fine to medium grained, and quartz phenocrysts are rare or absent. These dykes also weather blocky, with a white surface weathering color.

The east-central area of the reconnaissance grid overlies a satellitic stock (Unit 2c) of the Basket Lake Batholith. The stock varies from quartz monzonite to granite, with a hybrid margin zone of diorite to quartz diorite. Roof pendants measuring up to 1,200 X 600 feet composed of mafic metavolcanics occur in the granitic stock.

Structure

The major structural feature of the property is a geophysically inferred curvi-linear longitudinal system of faults (i.e. Rivers and East Rivers Faults, see Figures 5 and 9) that follows the general stratigraphic trend (i.e. NE-SW in the north to N-S and locally NW-SE in the south) the length of the property; and an intersecting splay system of faults (i.e. Sandybeach Fault System) trending NE-SW in the southern portion of the property. These fault systems are supported by mapping and by the presence of numerous shear structures mapped intermittently the length of the property that occur either along or as splays and subparallel shears subjacent to the major longitudinal and splay faults. This system of faults follows the major Wabigoon Fault situated along the northwestern margin of the property.

Structural features mapped on the property include shear zones as above, rock unit foliation trends, lineations and local small scale folds. Shear zones are typically 10 to 70 feet wide, and occur within the mafic metavolcanics. Porphyry dykes are occasionally coincident with shears, resulting in high deformation and mineral elongation in the dykes. Shears trending NS to NNW-SSE occur locally in the property's central and southern regions parallel to the Rivers and East Rivers Faults in this area, and intersect with the general NE-SW trending major splay faults (i.e. Sandybeach Fault system) typical of this area. Geophysically inferred faults

trending NNW-SSE with limited displacement are inferred to occur intermittently the length of the property and appear to offset NE-SW trending shear and fault structures.

The strongest foliation in both the mafic metavolcanics and the intrusive rocks trends 040° the length of the property. A less distinct foliation, more common in the southwest corner of the reconnaissance grid has a 160° orientation. At the north end of the property, 060° crenulation was also observed in the mafic metavolcanics.

Lineations were only noted within shear zones on the property. Lineation orientations noted ranged from a steep (i.e. 140/85° E) in the southern regions of the property to subhorizontal (i.e. 040/20° N) in the north.

Folding of rock units was only observed in the south portion of the property. Here, small scale folds suggest that both sinistral and dextral movement has occurred along the longitudinal and splay fault system. B. Berger of the OGS indicates that early sinistral movement has been overprinted by later dextral movement in this region.

Veins

Quartz and quartz-carbonate (i.e. iron carbonate) veins occur widespread throughout the property in shear or fracture structures along or subjacent to the major longitudinal and splay fault systems. Veins consist of either singular linear veins up to 10 feet wide or vein stringer zones up to 25 feet wide. Such vein structures have been traced along strike for up to 1,200 feet (i.e. Sandybeach Prospect). At the Rivers Prospect, a series of at least six narrow (i.e. 1 to 4 feet wide) veins in an apparent en-echelon arrangement occur across a 200-foot wide zone traced for 700 feet along strike on surface. Principal occurrences of known vein structures on the property include the following:

1. Shear controlled vein stringer zone system up to 25 feet wide and traced intermittently for 2,200 feet along strike at the Sandybeach Prospect. The zone is open along strike.

2. Shear-fracture controlled en-echelon vein and vein stringer zone system at the Rivers Prospect. This vein system comprises six veins (i.e. Veins 1 to 6 inclusive) across a 200-foot wide zone which has been traced for 700 feet along strike. The zone is open along strike as it extends into swampy ground at both ends.

3. Vein in the southwestern portion of the Rivers grid.

4. Intermittent vein occurrences from L 72 N to L 80 S west of the baseline spatially associated with the Rivers and East Rivers Fault system and attendant splays.

5. Intermittent vein occurrences along the contact of the granitic stock in the east central portion of the grid area.

Alteration

Alteration on the property occurs pervasively in the wallrocks of veins which occur along shear and shear-fracture zones throughout the property, in shear zones with or without associated quartz veins, and to a lesser degree, in the wallrocks of porphyry dykes and in local metasomatic zones. Vein wallrocks are typically silicified, carbonate altered, and pyritized. Alteration in shear zones is similar, except carbonate alteration is usually pervasive in the zones, silicification may or may not be present as a quartz flooding, and disseminated pyrite is usually present in minor (i.e. 1% and locally up to 5%) amounts. Silicification, small quartz stringers and pyritization are the alteration features associated with the porphyry dykes.

Metasomatic zones occur locally in the mafic metavolcanics. These are usually pyritic and/or pyrrhotitic with associated weak carbonate alteration.

Margins of the satellitic stock peripheral to Basket Lake Batholith, as well as its associated roof pendants, are silicious with some quartz stringer networks. Weak to moderate carbonate alteration is also found in these contact areas.

Mineralization

Pyrite, chalcopyrite, pyrrhotite, galena, sphalerite, native gold and values in silver occur on the property. Pyrite occurs widespread though in very minor amounts (i.e. up to 1/2%) in the unsheared, unaltered mafic metavolcanic rocks. In shear zones, disseminated pyrite can range up to 5% and in the altered wallrocks of veins it can be as high as 25%. Pyrite occurs as disseminations to a maximum of 2-3% in quartz veins, and 1-2% in the felsic dykes. Margins of the granitic stock host pyrite in quartz stringers and as disseminations.

Chalcopyrite occurs widespread as disseminations in minor amounts in quartz-carbonate veins (i.e. particularly at the Sandybeach Prospect) and to a lesser degree in altered wallrocks. At the Sandybeach Prospect, up to 15% chalcopyrite occurs locally in veins, whereas, it generally averages 1/2 - 1%. Chalcopyrite is very frequently associated with high gold values (i.e. Sandybeach Prospect). It also occurs widespread as disseminations with pyrrhotite in mafic metavolcanics.

Up to 1% disseminated magnetic pyrrhotite occurs in local (i.e. adjacent to Sandybeach Prospect) possible metasomatic zones in the mafic metavolcanics. Locally up to 10% pyrrhotite occurs as large blebs in shear hosted quartz and iron carbonate veins.

Minor galena and sparse sphalerite occur locally (i.e. up to 5%) in some of the quartz veins at the Rivers Prospect.

Gold occurs in geochemically anomalous amounts at several locations within the property (i.e. see "Geochemical Surveys"), however, economic values have only been found to date at the Rivers and Sandybeach Prospects. Gold appears to be associated with the occurrence of chalcopyrite at the Sandybeach Prospect, whereas, it appears to be more associated with galena, sphalerite and, to a lesser extent, chalcopyrite at the Rivers Prospect. At the Sandybeach Prospect, visible gold is common, whereas, at the Rivers Prospect, visible gold only occurs locally.

On the basis of the setting of foregoing gold showings and geochemically anomalous gold sites (i.e. soil and/or rock samples) within the grid area, gold occurs in the following geological environments:

1. Sulphidic quartz flooded shear zones or shear-fracture zones with associated felsic dykes.

2. Sulphidic quartz stockwork zones along felsic dyke margins.

3. Sulphidic shear zones.

4. Sulphidic zones (i.e. fracture controlled or metasomatic).

5. Along the locally sulphidic, quartz veined and silicified contact zone of the granitic stock along the east-central portion of the grid area.

All of the foregoing gold environments are associated with the Rivers, East Rivers, and Sandybeach Fault systems and attendant splay faults.

Silver values of significance have only been found to occur at the Rivers Prospect in association with gold.

GROUND GEOPHYSICAL SURVEYS

A preliminary interpretation of the ground geophysical surveys and identification of VLF-EM and induced polarization anomalies by D. J. Misener, of Paterson, Grant, and Watson Ltd., Toronto, Ontario, is presented on the summary maps included herein (i.e. Figures 9, 15 and 21).

Magnetic relief on the property is low to moderate, with lower responses typical of the mafic metavolcanics and high responses usually indicative of larger felsic intrusive bodies. The granitic stock satellitic to the Basket Lake Batholith within the east-central portion of the property, as well as felsic dyke swarms, give high magnetic responses. Small felsic intrusive bodies or narrow strike-limited dykes often do not show any apparent magnetic contrast.

VLF-EM surveys identified numerous weak to strong N-S, NNE-SSW, and NE-SW conductors in the reconnaissance and detailed grid areas. Most conductors are coincident with mapped features and parallel with known lithologic trends, and hence, are considered to be indicative of the bedrock and not conductive overburden. Of particular interest is a weak to moderate conductor that coincides with the Rivers vein system and extends to the SW for approximately 1,000 feet along the geophysically inferred Rivers Fault in an overburden covered swamp area.

Induced polarization surveys identified numerous weakly to strongly polarizable zones throughout the survey area, spatially associated with the major longitudinal and splay fault system. Modeling of the Rivers and Sandybeach Prospects demonstrated weak to strong pfe responses along the known gold mineralized zones and along strike for up to 400 feet from the known showings (i.e. SW along strike the Sandybeach gold zone).

Several geophysical targets of interest (i.e. T-1 to T-10 inclusive), as identified by D. J. Misener and shown on Figure 9, are briefly described as follows:

T1) A strong pfe anomaly with a flanking parallel weak to moderate VLF conductor.

T2) A 1,200-foot long, 200-400 foot wide pfe anomaly with moderate to strong strike-limited VLF conductors and porphyry dykes along strike the Sandybeach shear and associated gold mineralization.

T3) A strong I.P. anomaly with flanking weak VLF conductors and surface-indicated disseminated pyrite along strike.

T4) Two parallel moderate to strong VLF conductors 1,600 to 2,400 feet long in a felsic dyke zone.

T5) A strong, 300-foot wide I.P. anomaly with weak VLF conductors near the contact of a felsic stock.

T6) One 200-foot wide strong and one 200-foot wide moderately polarizable zone. The latter is adjacent to a geophysically interpreted NE-SW trending fault (i.e. Rivers Fault).

T7) Two 100-foot wide, strong pfe anomalies with associated moderate to strong VLF conductors along the margin of the felsic stock.

T8) A 300-foot wide, weak pfe anomaly on L 24 N + 400 W with parallel quartz veins and associated disseminated pyrite. A broad, 800-foot wide moderate pfe anomaly on L 16 N + 800 W coincident with felsic dykes and a geophysically inferred fault (i.e. Rivers Fault). Along strike at L 8 N + 800 W, a moderate pfe anomaly with a surface indicated felsic dyke and disseminated pyrite. Including a weak pfe anomaly on L 0 + 900 W, the length of the anomalous zone is a minimum 3,200 feet.

T9) A weakly to moderately polarizable zone with associated VLF conductors, porphyry dykes, an altered shear zone, and local quartz veins, traced for 4,000 feet by the east side of the geophysically inferred Rivers Fault from L 32 N to L 64 N. Also, a moderately to strongly polarizable zone with several associated felsic dykes, moderate VLF conductors, and geophysically inferred faults, traced for 2,400 feet along the East Rivers Fault.

T10) An area of VLF conductors subparallel to felsic dykes with a strike-limited weak to moderate I. P. anomaly.

Another geophysical target of interest not outlined by Misener occurs north of the Rivers grid. This target is on strike with the Rivers vein system and is associated with the Rivers Fault. It consists of two weakly polarizable zones that occur along felsic dyke contacts associated with parallel, moderate to strong VLF conductors.

GEOCHEMICAL SURVEYS

Soil samples collected systematically and selected rock chip sample sites from throughout the grid areas were analysed for gold by fire assay with atomic absorption finish, and for an additional thirty elements by induced current plasma.

Soil samples taken on the property were collected from a poor to moderately developed B-horizon developed on a widespread thin, sandy till veneer or bedrock. Exceptions are the limited number of samples taken from gleyed horizons or from podzols. Coverage of swampy areas was extended with the sampling of gleysols with the use of a soil probe, which sampled beneath the wet organic layer.

Soil samples with gold values $\geq$ 10 parts per billion, copper values $\geq$ 40 parts per million, and zinc values $\geq$ 75 parts per million are

considered anomalous (see Figures 7 and 8). Lead response was generally low, with very few anomalous values over 20 parts per million. Analytical results are given in Appendix VI.

Detailed grid soil geochemical surveys responded well over known gold zones, with coincident moderate to strong gold, zinc and copper anomalies reflecting the gold zones and their potential strike extensions. Details of these surveys follow in discussions of the Rivers and Sandybeach Prospects. Elsewhere throughout the grid areas, anomalous base metal and gold soil geochemical results (see Figures 7 and 8) identified numerous targets of interest, most of which are known to occur in geologically and/or geophysically favourable areas. These anomalous targets are summarized on Figure 9.

During the course of prospecting and geological mapping, rock chip grab samples were taken from rusty weathering mineralized outcrops, altered zones, and quartz veins. Analytical results are shown on Figures 7 and 8, and given in Appendix II. Rock chip gold values $\geq$ 50 ppb are considered anomalous.

Geochemically anomalous gold values $\geq$50 ppb occur widespread on the property, whereas, values of up to 3,960 ppb gold occur locally off the main gold showings. They are usually associated with mineralized and/or quartz-flooded shear zones, the margins of felsic dykes, quartz veins and sulphidic zones. Based on the geological and geophysical setting, geochemically (i.e. soil and/or rock) anomalous zones of interest are summarized below, and illustrated on Figure 9.

a) At L 132 S + 300 W are base metal anomalies coincident with gold anomalous zones and single gold anomalies of 12-81 ppb subparallel to the strike of the Sandybeach shear.

b) At L 144 S + 1450 W is a strike-limited base metal anomaly coincident with a weak VLF conductor and geophysically inferred fault or shear structure.

c) At L 64 S + 1800 W is a local gold soil anomaly coincident with the northeast end of a 2,400-foot long narrow base metal soil anomaly. Quartz veins and felsic dykes are generally spatially associated with the anomaly.

d) Anomalies associated with the contact zone of the granitic satellitic stock of the Basket Lake Batholith along the east central portion of the grid area are as follows:

   i) single gold anomalies of 24 and 40 ppb at L 48 S + 1200 E and 1500 E respectively coincident with a strong I. P. anomaly;

   ii) Local gold and base metal anomalies at L 16 S with associated strong I. P. and moderate to strong VLF anomalies;

   iii) A gold soil anomaly of 41 ppb at L 0 + 8 E;

   iv) A gold soil anomaly of 95 ppb at L 32 N + 1000 E.

e) An arcuate, 8,600-foot long and up to 550-foot wide base metal soil anomaly extending from L 48 S + 1500 W to L 32 N + 400 W with coincident weak to moderate I. P. anomalies, VLF conductors, felsic dykes and local quartz veins, pyritic areas and single gold soil anomalies between 14 and 87 ppb.

f) A 5,400-foot long narrow anomaly extending from L 48 S to L 0, subparallel and 300 feet east of e) above, coinciding with shear zones, I. P. anomalies and a local gold soil anomaly of 17 ppb.

g) Single gold soil anomalies at L 16 S + 500 and 700 W with an associated base metal soil and I. P. anomaly.

h) A NE-trending base metal anomaly associated with felsic dykes, shear zones and a single gold anomaly of 590 ppb, extending for about 4,000 feet between L 0 + 900 W and L 32 N + 300 E.

i) A 6,500-foot long base metal anomaly extending between L 32 N + 2100 W and L 80 N + 500 W with associated quartz veins, felsic dykes, a shear zone, a gold rock chip anomaly, and I. P. and VLF anomalies, particularly in its central portion.

j) A base metal anomaly of similar length and subparallel to the east of i) above.

k) A broad, 2,400-foot long base metal anomaly from L 48 N + 400 E to L 64 N + 500 E.

l) A 200-300 foot wide base metal anomaly extending at least 4,400 feet from L 64 N + 1500 W onto the Rivers grid. This anomaly has associated VLF anomalies, quartz veins and felsic dykes, and occurs along strike the gold geochemically anomalous previously trenched quartz vein in the SW corner of the Rivers grid.

m) A 1,600-foot long base metal anomaly coincident with a single gold soil anomaly of 26 ppb at L 96 N + 2100 W.

n) A broad base metal anomaly on strike with a large felsic dyke at L 96 N + 0 to L 104 N + 0.

o) Four linear narrow base metal anomalies north of the Rivers grid, in the area of L 144 + 0 to 850 E. Associated local single gold soil anomalies of 11 to 23 ppb.

p) A broad gold soil anomaly 1,300 feet long and 550 feet wide at L 144 N + 1700 E.

q) Two gold soil anomalies with local values of up to 1,205 ppb associated with felsic dykes, I. P. anomalies, VLF conductors

and a local anomalous rock chip value of 595 ppb gold along strike the Rivers Prospect between L 136 N and L 152 N.

Other anomalies, most of them locallized, are outlined on Figure 21.

RIVERS PROSPECT

GEOLOGY OF THE PROSPECT

The Rivers Prospect consists of a system of vertical to steeply SE dipping shear-fracture controlled quartz veins (i.e. Veins 1 to 6), hosted in massive mafic metavolcanic flows cut by a swarm of younger feldspar-quartz porphyry dykes (Figure 10). Dykes in the area of the vein system locally flex from a general NE-SW trend to a NNE-SSW trend. They range in thickness from 15 to 100 feet. The system of quartz veins is exposed on surface in an area 700 feet long by 200 feet wide and is open along strike into overburden covered areas to the NE and SW.

Veins consist of either singular linear veins (i.e. Veins 1 to 4) ranging from 0.5 to 3.75 feet wide with strike lengths up to 250 feet, or a stringer zone (i.e. Vein 5), 3 to 10 feet wide traced for 150 feet along strike. Veins pinch and swell along strike, although only marginally. Extensive silicification and carbonate alteration with up to 20% disseminated pyrite (average 1-5% pyrite) commonly occurs in wallrocks adjacent to the veins in zones up to 15 feet wide. Veins typically contain minor (i.e. 1/2 - 2%) sulphides, comprised of pyrite and local galena, sphalerite and chalcopyrite.

The Rivers vein system is localized parallel to and subjacent to a geophysically inferred fault (i.e. Rivers Fault), which passes 250 feet west of the vein system trending 040°. Rock unit foliation at the prospect is parallel to the fault, as are most dykes and dyke swarms. Extension fractures oriented at 010° - 020° cross-cut the foliation throughout the prospect and an 060° crenulation runs across Veins 1 and 3 at the prospect's north end. The quartz vein system, as a whole, trends at 040°, but individual veins and vein stringer zones follow the 010 extension fractures and 040 foliation and 060 crenulation orientations in an apparent en-echelon arrangement.

Significant gold mineralization occurs in Veins 4 and 5. Vein 4 has 2% disseminated and bleb pyrite in the quartz and up to 5% in the wallrocks. Though it does not have the mineral diversity of Vein 5, it contains significant gold values.

Vein 5 has the greatest diversity and degree of mineralization of this prospect. Mineralization in the quartz stringer veins typical of Vein 5 consists of 2% pyrite with locally up to 5% galena, 5% sphalerite, and 2% chalcopyrite. An intense alteration envelope within the stringer zone and in the wallrocks can have up to 25% pyrite adjacent to the veins. In Trench 4, visible gold was discovered in one of the veins.

TRENCHING AND CHANNEL SAMPLING

Extensive trench refurbishment and channel sampling confirmed previous surface sampling, particularly from Vein 5, by Teck Exploration Co. Ltd. in 1960 and Nova-Co Exploration Ltd. in 1986 (see Figure 11 and Appendix VII).

Twenty-five channel samples from five trenches on Vein 1 assayed a maximum of .020 ounces gold per ton and .01 ounces silver per ton over an interval of 4.5 feet.

On Vein 3, twenty-six samples from ten trenches gave a top value of .014 ounces gold per ton and .15 ounces silver per ton over 3.67 feet in pyritic mafic metavolcanic wallrocks.

Vein 4, hosted in the feldspar quartz porphyry, appeared mineralized only with pyrite but when assayed, gave good values. From each of three trenches, the assays are: .042 ounces gold per ton, 0.36 ounces silver per ton over 2.1 feet; .584 ounces gold per ton, 4.58 ounces silver per ton over 1.00 foot; and .138 ounces gold per ton, 1.42 ounces silver per ton over 3.40 feet.

Vein 5 was tested with 22 channel samples across the vein set in five trenches. The veins and the intensely altered and highly mineralized wallrocks average 0.269 ounces gold per ton and 1.92 ounces silver per ton, or 0.305 ounces gold per ton equivalent over 3.25 feet (calculated with a gold price of $480.00 U.S./ounce and a silver price of $9.10 U.S./ounce). This represents samples from four trenches over an open-ended strike length along the vein of at least 120 to 150 feet.

GEOPHYSICS

Ground geophysical surveys carried out within the Rivers grid have established a geophysical model associated with the Rivers vein system, and have identified a number of composite favourable geophysical anomalies.

Numerous NE-SW and NNW-SSE trending faults and/or shear structures are inferred within the grid area based on linear magnetic lows, magnetic displacements and strike-limited VLF-EM anomalies. Of particular significance is the major geophysically indicated longitudinal fault system (Rivers Fault), which extends through the grid area approximately 250 feet west of the Rivers vein system (see Figure 15).

The magnetic field in the Rivers grid has a relief of approximately 450 gammas. The lower magnetic responses occur over the mafic metavolcanic rocks, with negligible magnetic contrast between the mafic units.

Large felsic dykes or dyke swarm areas, such as at the main prospect, have moderate to high magnetic responses.

Induced potential surveys outlined four polarizable zones of interest coincident with magnetic and VLF-EM survey anomalies. These zones are as follows:

a) Rivers Vein System: A weak to moderately strong pfe anomaly (i.e. up to 7.6% pfe) with high resistivity is coincident with the exposed Rivers vein system from L 120 N to L 126 N. Weak to very weak pfe anomalies (i.e. some of which are not illustrated on Misener's interpretation) with associated very low resistivities extend the zone to L 114 S in an overburden covered area. A weak to strong VLF-EM anomaly is coincident with the above anomalous zone and extends the zone of interest southwest to L 110 N. The SW segment of the above anomalous zone, characterized by weakly anomalous pfe values, low resistivity and a coincident VLF-EM anomaly, is inferred to reflect the Rivers Fault and possibly an extension of the Rivers vein system. This composite anomalous zone has a strike length of 1,900 feet.

b) Rivers Fault Zone: A zone of intermittent weak to strong pfe anomalies (i.e. pfe values up to 13%) and weak to strong VLF-EM anomalies with an associated curvi-linear belt of low resistivity extends from L 120 N to L 136 N, mainly along and subjacent the west side of the Rivers Fault.

c) Porphyry Zone: A broad, weak to moderate pfe anomaly with associated intermittent strike-limited VLF-EM anomalies extends from L 116 N to L 128 N, south of and parallel to the Rivers vein system along the west contact of a large porphyry dyke.

d) SW Grid Corner: A weak to moderate pfe anomaly striking NNW-SSE for 1,200 feet with associated flanking VLF-EM anomalies is coincident with a gold geochemically anomalous quartz vein in the SW corner of the grid.

GEOCHEMISTRY

Anomalous gold and copper-zinc content in B-horizon soil samples occurs in zones within the Rivers grid area as follows (see Figures 13, 14 and 15 and Appendix III).

a) Rivers Vein System: Centered over the Rivers vein system is a composite intermittent gold-copper-zinc soil anomaly extending NE-SW for 1,500 feet, from L 116 N to L 128 N. Anomalous copper and/or zinc values indicate the anomalous zone extends for at least 2,400 feet NE-SW. Gold values up to 595 ppb occur within the zone.

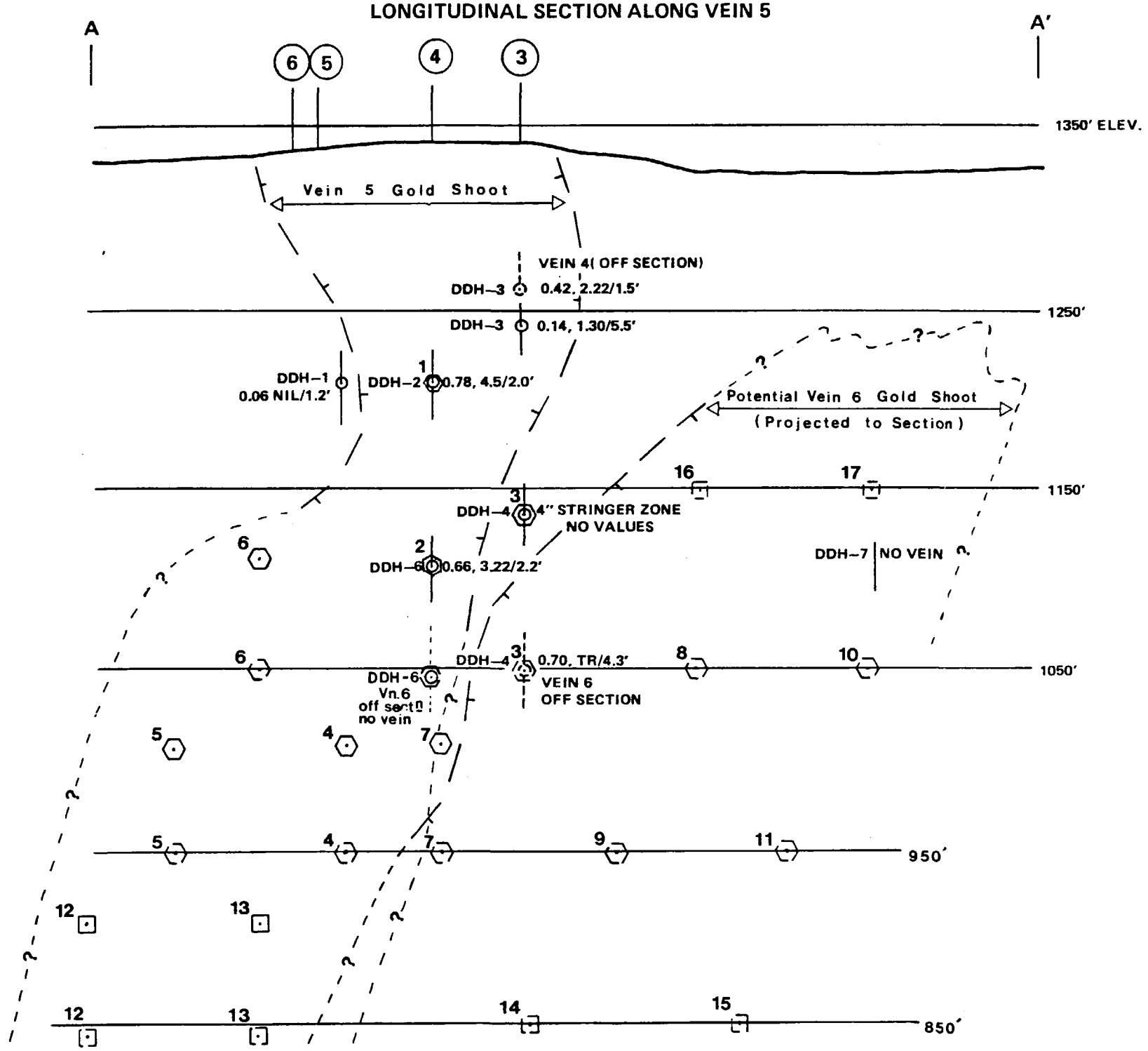
b) Rivers Fault Zone: Intermittent anomalous gold values (i.e. up to 78 ppb) and associated anomalous copper-zinc values in soils occur along and subjacent to the west side of the Rivers Fault from L 118 N to L 134 N for a distance of 1,800 feet.

c) Porphyry Zone: Intermittent anomalous gold values (i.e. up to 92 ppb) and associated anomalous copper-zinc values in soils occur within and along the contacts of porphyry dykes for a distance of 1,400 feet from L 114 N to L 126 N, southeast of the Rivers vein system.

d) SW Grid Corner: At the SW corner of the Rivers grid, a 300-foot long gold soil anomaly (i.e. values up to 220 ppb) with associated base metals occurs along the SW extension of a trenched gold geochemically anomalous quartz vein.

Apart from the Rivers vein system, anomalous gold (i.e. up to 1,805 ppb) and copper-zinc values in rock chip samples (see Figures 13, 14 and 15 and Appendix II) occur sporadically within zones b) and d) above; and anomalous lead values occur in soils and rocks sporadically within zones b) and d).

LONGITUDINAL SECTION ALONG VEIN 5



LEGEND

VEIN 5 Drill Hole Penetration Points

DDH-6 | 0.66, 3.22/2.2' Ozs Au / ton, Ozs Ag / ton
Sample length in feet
Teck Drill Hole (1960)

1 Proposed Priority-1 Drill Hole (Hole Number)

12 Proposed Priority-2 Drill Hole (Hole Number)

VEIN 6 Drill Hole Penetration Points
(Projected to Section)

Legend as above except as follows:

Teck Drill Hole

8 Proposed Priority-1 Drill Hole (Hole Number)

14 Proposed Priority-2 Drill Hole (Hole Number)

SAMPLE SITE	SAMP-LER	SAMPLE LENGTH (ft.)	OZS AU/TON	OZS AG/TON
3	GML	2.5	0.18	1.08
	Teck	3.5	0.22	0.62
4	GML	3.0	0.068	0.38
	Teck	4.0	0.32	2.12
	Teck	2.9	0.08	0.46
5	GML	3.0	0.644	5.36
	Teck	3.0	0.60	3.50
	Teck	3.4	0.16	1.14
6	GML	4.5	0.184	0.85
	GML	0.67	0.525	3.37
	Teck	4.0	0.08	

0 50 100
FEET

Modified after section by
Teck Explor. Co. Ltd., Dec., 1960

CAMINE RESOURCES INC.

Sandybeach Lake Property

Longitudinal Section Along Vein 5
Rivers Prospect

GML MINERALS CONSULTING LTD.

DRAWN BY: B.C.	SCALE: 1" = 100'
DATE: January, 1988	FIGURE: 12

EVALUATION (Including Teck Drilling)

Work carried out by Camine in 1987 over the Rivers Prospect and immediate vicinity (i.e. on the Rivers grid) has identified a 1,900-foot long coincident composite induced polarization, VLF-EM and gold-copper-zinc soil anomaly centered over the gold-bearing Rivers vein system. The composite anomaly indicates potential extensions of the gold-bearing vein system for up to 1,100 feet to the SW and 400 feet to the NE.

Also, three other intermittent composite geochemically and geophysically anomalous zones of interest, similar to the above anomalous zone, are indicated within the Rivers grid (i.e. Rivers Fault, Porphyry Zone and SW Grid Corner).

On the basis of trench channel sampling and diamond drilling by Teck Exploration Co. Ltd. in 1960, two potential gold ore shoots are indicated on Veins 5 and 6. These shoots are illustrated on Figure 12.

Current surface channel samples from across Vein 5, along a strike length of about 150 feet, are as follows:

Channel length (feet)	Ounces gold per ton	Ounces silver per ton
4.5	.184	.85
3.0	.644	5.36
3.0	.068	.38
2.5	.180	1.08

Previous diamond drill holes drilled by Teck Exploration Co. Ltd. in 1960 to test Vein 5 to a depth of 240 feet returned the following assays (see Figure 12):

Hole No.	Sample Length (feet)	Ounces gold/ton	Ounces silver/ton
2	2.0	0.78	4.50
3	5.5	0.14	1.30
6	2.2	0.66	3.22

The above results demonstrate a potential gold shoot on Vein 5 which is open at depth and possibly along strike. Gold grades within the shoot tend to increase with depth.

Also, in DDH 4, Teck intersected a gold intercept on a new vein (i.e. Vein 6) subjacent to Vein 5 at a vertical depth of 300 feet. This intercept returned 0.70 ounces gold per ton over 4.3 feet.

In addition, significant gold values also occur on surface and in a shallow drill hole in Vein 4, immediately adjacent to Vein 5. These results indicate a third potential gold shoot.

The character of the Rivers vein system and known gold zones indicates potential for a series of closely-spaced en-echelon gold shoots.

SANDYBEACH PROSPECT

GEOLOGY OF THE PROSPECT

The Sandybeach Prospect is characterized by a NE-SW trending and steeply SE dipping singular, linear, altered, pyritic and quartz-flooded shear zone ranging from 35 to 85 feet wide cutting a series of mafic volcanic flows and porphyry dykes (Figure 16). The shear zone has been traced for 2,200 feet along strike. Quartz feldspar porphyry dyke swarms intrude mafic volcanics in and adjacent to the shear. Quartz flooding in the shear zone comprises the Sandybeach vein system, which consists of gold bearing concordant, multiple quartz-carbonate stringer veins emplaced along the central portion of the Sandybeach shear across widths of up to 18 feet. Individual veins generally range up to 5 feet and locally up to 7 feet in width and typically pinch and swell along strike. The Sandybeach vein system has been traced intermittently for 1,200 feet at the NE end of the Sandybeach shear. A separate stringer vein occurrence up to 25 feet wide has been located along strike at the SW end of the Sandybeach shear. The vein system and shear zone are both open along strike.

Sub-vertical lineations and flat S-style drag folds occur within the Sandybeach shear zone and indicate relative upward vertical movement of the fault block on the SE side of the shear.

Foliations in mafic volcanic units either trend NW-SE parallel to rock unit trends or NE-SW parallel to the trend of the Sandybeach shear, other subjacent shear structures and associated porphyry dykes that occur in a wide belt across the central portion of the grid area. Locally in the southeast portion of the grid southeast of the Sandybeach shear, altered shear structures and porphyry dykes trend at approximately SSE-NNW.

The Sandybeach shear is typically highly carbonatized, chloritized, sericitized and silicified, and contains 1% to locally 5% disseminated pyrite, principally between quartz stringer veins and within two to ten feet

of the margins of the quartz vein system. Carbonate alteration typically increases in intensity toward quartz veins within the shear. Silicification typically occurs in bands or laminae, increasing in frequency and intensity toward the quartz-flooded sections of the shear. Other shear structures within the grid area are generally carbonatized and chloritized.

Quartz veins within the Sandybeach shear typically contain 1/2% to 2% pyrite and minor chalcopyrite. Some sections of the veins, especially the boundaries, are sericitic and banded with chloritic layers.

Mineralization varies along the length of the Sandybeach vein structure (see Figure 17). In areas of low gold values between Trenches ST-1 and ST-31, veins typically contain 1% to 2% disseminated pyrite, and wallrocks contain 2% to 3% pyrite. The gold-bearing sections of the veins are characterized by fine visible gold occurring free in the quartz, particularly along the edges of chloritic bands in chloritic banded zones $\leq$1 foot wide, and/or associated with chalcopyrite mineralization. Chalcopyrite is a reliable indicator of gold mineralization and occurs in concentrations of up to 5% in the vein. Pyrite content does not increase appreciably in the auriferous zones.

Up to 8% disseminated magnetic pyrrhotite with up to 3% disseminated chalcopyrite occurs in a quartz carbonate vein zone up to 25 feet wide located at the SW end of the mapped extent of the Sandybeach shear. In this case, chalcopyrite was not co-incident with strong gold mineralization, however, the zone is geochemically anomalous in gold.

A metasomatic disseminated sulphide zone occurs in mafic volcanics immediately adjacent to the SE side of the gold-bearing segment of the Sandybeach vein. The zone contains up to 5% disseminated pyrrhotite and pyrite in weakly carbonate altered rocks. At one locality on the baseline at L 122 S, angular float of heavily gossaned material was noted. The sulphidic zone trends NW-SE for approximately 600 feet from the Sandybeach vein and is up to 300 feet wide. The zone is spatially associated with a

NW-SE trending narrow carbonate altered shear zone and a number of porphyry dykes.

TRENCHING AND CHANNEL SAMPLING

Previous sampling of the Sandybeach Prospect, as documented by J. N. Schindler, 1986, identified two gold zones or potential ore shoots along the 1,200-foot long section of the vein structure at the NE exposed end of the Sandybeach shear. One of these zones was located at the south end (i.e. Gold Zone-1) and the other at the north end (i.e. Gold Zone-2) of a systematically trenched gold-bearing 610-foot section of the Sandybeach vein structure. The 1987 program confirmed the southern zone. This zone returned channel samples assaying up to 1.152 ounces gold per ton and 0.15 ounces silver per ton over three feet taken across the vein structure (see Figure 17). The best gold values from the zone are from the vein, with the wallrocks assaying between .002 and .050 ounces gold per ton. Visible gold is abundant in this zone and can be found in five of the seven trenches. The gold zone is 210 feet long and averages 0.170 ounces of gold per ton across a true thickness of 3.9 feet.

Current assays from Gold Zone-2 are sporadic. The highest value returned from this zone was .128 ounces gold per ton and .02 ounces silver per ton over 2.75 feet taken across the vein. 1987 sampling did not identify a second gold zone of continuous grade.

Sections of the trenched and sampled vein not in the above gold zones assay trace to low values in gold and silver.

GEOPHYSICS

Ground geophysical surveys within the Sandybeach grid have established a geophysical model associated with the Sandybeach vein system and have outlined a number of favourable composite geophysical anomalies (see Figure 21).

Several NE-SW and NNW-SSE trending shear structures and/or faults are inferred within the grid, based on magnetic displacements, linear magnetic lows and strike-limited VLF-EM anomalies.

The relief of the Sandybeach grid magnetic field is approximately 2500 gammas. The various mafic metavolcanic units show little magnetic contrast and are typically reflected by low magnetic responses. One exception is an indicated metasomatic sulphide zone trending southeast from the Sandybeach gold mineralized zone. This metasomatic zone contains disseminated magnetic pyrrhotite and is reflected by a linear magnetic high and induced polarization anomaly striking NNW-SSE. Otherwise, within the grid area, moderate to moderately high magnetic responses tend to characterize large felsic dykes or dyke swarms. The Sandybeach shear, including the gold mineralized zone, is reflected by a linear low response.

The induced polarization survey has identified polarizable zones, probably reflecting bedrock disseminated sulphides and, in at least one case, a bedrock high. The latter is characterized by a weakly to moderately polarizable zone extending along the baseline northeast from L 110 S to the north end of the Sandybeach grid. The anomaly is flanked by weak to moderate VLF-EM anomalies. This anomalous feature appears to reflect a partially swamp-bounded bedrock ridge in mafic volcanic rocks.

Induced polarization pfe anomalies of interest within the grid area are as follows:

a) Sandybeach Vein: A weak to moderate pfe anomaly with high resistivity occurs along the Sandybeach Vein from L 124 S to L 112 S. This anomaly, with coincident anomalous gold values in soils, indicates a potential extension up to 400 feet to the SW of Gold Zone-1 within the vein structure.

b) Metasomatic Zone: A moderately to intensely polarizable zone and coincident linear magnetic high extends from at depth in the SE corner of the Sandybeach grid to at surface immediately

adjacent to the Sandybeach vein and "caps out" in the form of a mushroom immediately east of the Sandybeach vein. The strongest portion of the anomaly occurs immediately SE of Gold Zone-1 and its indicated extension, as per a) above, to the SW. The zone is coincident near the vein with a mapped area of sulphidic mafic volcanics containing disseminated pyrrhotite and pyrite and local heavily gossanous material. The pfe anomaly along the baseline from the Sandybeach vein to L 112 S likely reflects an extension of the metasomatic sulphide zone on the north side of the Sandybeach vein.

c) Other Zones: Four strike-limited weak to moderate pfe anomalies with associated VLF-EM anomalies are of potential interest within the grid area. Two of these anomalies occur along strike the "cap" of the anomaly in b) above to the NE, and two occur in the western portion of the grid on L 124 S to 122 S and on L 106 S.

GEOCHEMISTRY

Orientation humus geochemical sampling over the auriferous section of the Sandybeach vein identified anomalous gold contents (i.e. up to 3,720 ppb) on each of the three lines sampled coincident with and down-slope from the gold-bearing section (Figure 18, Appendix IV). The samples collected did not respond well in base metals, and anomalous gold values tended to be somewhat erratic. Therefore, B-horizon soil sampling was selected as the preferred sample medium.

On the basis of B-horizon soil sampling, gold, copper, zinc and lead soil anomalies have been identified within the grid area that are of interest, as follows (see Figures 19, 20 and 21, and Appendix V):

a) Sandybeach Vein: A gold soil anomaly with values up to 325 ppb is coincident with and down-slope from the gold bearing segment of the Sandybeach vein from L 115 S to L 121 S and indicates an extension to the SW for up to 400 feet, to past L 124 S. A copper-zinc soil anomaly is coincident with the above gold anomaly and indicates a possible extension to the NE of the mineralized segment of the vein along the Sandybeach shear from L 116 S to L 112 S.

b) Metasomatic Zone: A broad copper-zinc soil anomaly reflects the exposed portions of the metasomatic zone as per "Geophysics" above, from about 550 feet SSE to 600 feet NNW of the Sandybeach vein. Also, sporadic gold soil anomalies of up to 40 ppb occur within the metasomatic zone.

c) Other Zones: Copper-zinc soil anomalies associated with polarizable zones occur east of the Sandybeach vein on L 112 S, L 114 S and L 118 S. Local gold soil anomalies of up to 128 ppb occur on L 128 S from 0 to 2 + 00 W.

Anomalous gold in rock chip samples occurs in i) quartz veins within the Sandybeach shear from L 130 S to L 116 S, and ii) at one site associated with the polarizable zone east of the Sandybeach vein on L 112 S.

EVALUATION

The Sandybeach vein system is reflected by a 1,400-foot long composite moderate to strong gold, copper and zinc soil anomaly and by a weak to moderate pfe anomaly with associated high resistivity. This composite anomaly indicates a possible extension of Gold Zone-1 to the SW for up to 400 feet and also of the mineralized segment of the vein to the NE along the Sandybeach shear for up to 400 feet.

Gold Zone-1 within the Sandybeach vein system indicates a possible gold ore shoot at the south end of a 610-foot gold-bearing segment of the mineralized, altered, and quartz-flooded Sandybeach shear. Gold Zone-1 averages 0.17 ounces gold per ton across 3.9 feet in trenches along a strike length of 210 feet. Two drill holes drilled in the early 1940's intersected Gold Zone-1 at about 80 feet below surface, and indicate that the vein and shear system continues at depth. No assays were reported from these holes.

The character of the Sandybeach shear and attendant gold-bearing vein system indicates the potential for multiple gold ore shoots along the structure.

The geologically and geophysically indicated sulphide metasomatic zone immediately SE of the Sandybeach vein system is potentially gold bearing and is likely genetically related to the gold-bearing Sandybeach vein system.

TARGETS OF INTEREST

On the basis of the 1987 exploration program, targets of interest within both the detailed and reconnaissance grid areas have been described and illustrated on maps herein. Accordingly, these targets are herewith rated as first or second priority and are discussed below.

RIVERS GRID

Priority-1 Targets of Interest

1. Potential ore shoots on Vein 5 within the Rivers vein system from surface to a depth of 400 feet.

2. Potential ore shoot on Vein 6 within the Rivers vein system in the vicinity of the drill intercept on Vein 6 in Teck's DDH 4.

Priority-2 Targets of Interest

1. Extension of the potential ore shoot on Vein 5 within the Rivers vein system to a depth of 500 feet.

2. Potential ore shoot on Vein 6 within the Rivers vein system from near surface to a depth of 600 feet.

3. Geophysically and/or geochemically indicated strike extension of the Rivers vein system.

4. Selected geophysical and/or geochemical anomalies within the Rivers Fault Zone and Porphyry Zone targets of interest.

SANDYBEACH GRID

Priority-1 Targets of Interest

1. Potential ore shoot on the Sandybeach Vein as indicated by Gold Zone-1 to shallow depths.

2. The strong pfe anomaly within the metasomatic sulphide zone immediately SE of Gold Zone-1 as per 1. above.

Priority-2 Targets of Interest

1. The geochemical-geophysical anomaly potentially reflecting a SW extension of Gold Zone-1 within the Sandybeach Vein.

2. The SE extension of the metasomatic sulphide zone as indicated by a pfe anomaly.

RECONNAISSANCE GRID

Priority-1 Targets of Interest

1. Ten composite anomalous geochemical-geophysical-geological targets (i.e. PG 1 to 10 inclusive) identified throughout the reconnaissance grid area spatially associated with the longitudinal and splay fault system. Targets include i) potential extensions to the Sandybeach (i.e. to the SW) and Rivers (i.e. to the NE) vein systems, ii) the area along the contact of the granitic stock in the east-central portion of the property, and targets iii) between the Rivers and East Rivers Faults situated mid-way between the Sandybeach and Rivers Prospects.

Priority-2 Targets of Interest

1. A few geophysical and/or geochemical targets have been identified as of interest that should be re-evaluated upon evaluation of Priority-1 targets above.

ECONOMIC POTENTIAL

The Sandybeach Property is considered to offer good potential for discovery of a minimum reserve of 500,000 tons grading $\geq$0.25 ounces gold per ton, based on the following features:

1. Significant gold zones, open at depth and along strike, are present at both the Sandybeach and Rivers Prospects.

2. Geophysical-geochemical surveys over the above zones have established an applicable exploration model for the gold zones and have indicated considerable potential for discovery of strike extensions to known zones and/or for discovery of separate gold zones along strike.

3. Numerous composite geochemical-geophysical-geological anomalous targets, similar in character to the setting of the known gold showings, have been identified within the reconnaissance grid area.

4. A major geophysically inferred longitudinal and splay fault system extends the length of the property, spatially associated with all the targets of interest as per 1., 2., and 3. above.

5. The property is regionally situated in an area known for numerous occurrences of gold and for a number of major gold deposits (i.e. Goldlund, etc.).

CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the 1987 exploration program, the Sandybeach Lake property is considered to have good potential for outlining a minimum reserve of 500,000 tons grading $\geq$0.25 ounces gold per ton in one or more structurally controlled vein-type gold shoots.

Accordingly, a two-phased exploration program designed to evaluate the tonnage and grade potential of known gold shoots and zones and the gold potential of the property is warranted. The proposed program is as follows (see Figures 9, 12, 15 and 21):

PHASE I: 5,000 feet of diamond drilling in five shallow holes at the Sandybeach Prospect and eight shallow holes at the Rivers Prospect to test Priority-1 targets of interest including the known gold zones and one step-out target on the Sandybeach grid.

Estimated cost of Phase I drilling ---------- $260,000

PHASE II: a) 4,000 feet of shallow diamond drilling in fifteen holes to test Priority-2 targets of interest on the Rivers and Sandybeach grids, including indicated strike extensions of gold-bearing zones along the Sandybeach and Rivers vein systems and two sub-parallel anomalous step-out targets on the Rivers grid.

b) Follow-up grid-controlled detailed geophysical surveying, mapping, prospecting, soil sampling and trenching of ten Priority-1 targets of interest identified within the reconnaissance grid area.

c) 2,000 feet of shallow diamond drilling in about seven holes to test Priority-1 targets generated as per b) above.

Estimated cost of Phase II		$525,000
Diamond Drilling	$241,000	
Trenching	66,000	
Geophysical Surveying	90,500	
Soil Sampling	53,500	
Prospecting	39,500	
Mapping	34,500	
	$525,000	

A summary of proposed exploration expenditures is as follows:

Phase I	$260,000
Phase II	525,000
TOTAL	$785,000

For further details of the proposed program and budgets, see Appendices IX and X, respectively.

CERTIFICATION

I, Brent Chomack, of the City of Calgary, in the Province of Alberta, do hereby certify that:

1. I am a geologist residing in the City of Calgary;

2. I am a practising geologist employed by GML Minerals Consulting Ltd. of Calgary;

3. I am a graduate of the University of British Columbia with a B.Sc. in Geology, 1984;

4. I have practiced my profession since 1983;

5. I was the Project Manager at the Sandybeach Lake Property during the 1987 program;

6. I am the author of this report, which is based on field observations and a review of published and unpublished government and private reports;

7. I have no interest, direct or indirect, in either the Sandybeach Lake Property, or in the securities of Camine Resources Inc., nor do I intend to receive any such interest.

Dated at Calgary, Alberta, this 17th day of March, 1988.

Brent Chomack, B.Sc.
GML Minerals Consulting Ltd.

APPENDIX I

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APPENDIX II

ROCK CHIP GEOCHEMICAL ANALYSES

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

GEOCHEMICAL/ASSAY CERTIFICATE

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

DATE RECEIVED: OCT 6 1987 DATE REPORT MAILED: ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

GML MINERALS

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
SCK-001 22126	4	154	12	122	1.0	117	35	1109	7.87	6	5	ND	2	23	1	2	2	152	3.25	.016	2	215	4.30	42	.13	2	5.05	.02	.56	4	15
002 22127	7	4	2	5	.2	6	2	79	.59	2	5	ND	1	2	1	2	2	8	.52	.002	2	8	.13	6	.01	2	.12	.02	.06	2	10
003 22128	1	69	6	34	.5	26	7	490	2.28	4	5	ND	2	45	1	2	2	12	2.34	.013	4	25	.91	8	.01	5	.60	.04	.06	4	18
004 22129	163	174	8	55	.6	31	22	735	5.36	3	5	ND	1	20	1	2	2	77	3.07	.015	2	48	1.77	27	.16	2	2.15	.02	.36	3	4
005 22130	3	1253	8	78	2.6	18	11	362	2.37	2	5	ND	2	35	1	2	2	16	1.85	.023	4	24	.77	17	.02	2	.58	.04	.06	1	14
006 22131	2	74	8	112	.8	196	20	536	3.82	2	5	ND	5	147	1	2	2	29	3.11	.070	17	265	3.74	20	.01	2	2.49	.03	.05	1	3
007 22132	4	101	21	90	2.1	32	17	941	4.81	214	5	ND	1	140	1	7	25	15	4.67	.011	2	14	2.00	8	.01	2	.42	.02	.08	1	715
008 R 0456	3	12	4	12	.1	5	2	88	1.11	4	5	ND	1	7	1	2	2	2	.10	.015	4	9	.14	24	.01	2	.21	.04	.06	1	22
009 R 0457	6	334	8	158	1.0	114	61	1702	10.50	12	5	ND	2	7	1	2	2	129	1.29	.011	2	176	3.41	34	.18	2	4.25	.01	.59	1	3
010 R 0455	9	266	14	153	1.2	59	39	1126	9.28	27	5	ND	2	75	1	4	10	97	3.24	.024	2	114	3.15	27	.02	6	3.31	.01	.14	1	53
011 R 0454	11	17	34	10	11.9	9	5	266	1.51	11	5	ND	1	12	1	2	134	3	.49	.002	2	7	.12	11	.01	5	.09	.01	.05	1	220
012 R 0453	1	38	3	5	.1	4	3	179	1.16	6	5	ND	2	29	1	2	2	2	1.11	.031	8	4	.15	20	.01	7	.28	.03	.08	1	3
013 R 0452	20	114	9	51	1.0	52	23	856	4.76	14	5	ND	1	105	1	2	68	19	4.59	.011	2	43	2.23	9	.01	6	.98	.01	.12	1	16
014 R 0451	1	166	4	61	.2	59	31	424	4.08	3	5	ND	1	13	1	2	2	56	.88	.029	2	71	1.16	29	.19	8	1.54	.04	.07	1	6
015 R 0458	2	125	7	71	.2	39	26	686	5.63	6	5	ND	2	16	1	2	2	108	1.14	.030	2	65	1.74	18	.20	5	2.40	.10	.12	1	1
016 R 0459	1	106	2	68	.1	80	27	664	4.88	2	5	ND	1	17	1	2	2	60	1.00	.021	2	88	2.35	5	.28	2	2.61	.02	.01	1	1
017 R 0460	1	161	2	64	.1	64	23	662	5.22	2	5	ND	1	9	1	2	4	58	.70	.017	2	85	1.70	10	.22	2	2.09	.04	.03	1	1
018 R 0461	1	24	3	4	.1	3	3	108	.54	6	5	ND	1	4	1	2	2	1	.24	.001	2	1	.02	4	.01	2	.04	.01	.01	1	1
019 R 0462	1	5	4	9	.4	6	6	251	1.41	7	5	ND	1	45	1	2	2	2	1.32	.006	2	3	.32	13	.01	3	.08	.03	.06	1	220
020 R 0463	1	9	2	13	.2	5	5	112	1.05	6	5	ND	3	8	1	2	2	1	.06	.027	9	2	.01	22	.01	2	.18	.03	.08	1	19
021 R 0464	1	213	3	33	.1	33	28	334	3.07	3	5	ND	1	8	1	2	2	41	.63	.017	2	34	1.24	2	.09	2	1.23	.04	.02	1	1
SDR-003 R 0401	1	41	9	116	.1	27	16	433	3.70	16	5	ND	2	53	1	2	2	55	1.93	.057	9	48	1.40	110	.09	2	1.96	.03	.63	1	2
004 R 0402	1	11	2	41	.1	7	4	206	1.09	4	5	ND	2	35	1	2	2	10	.57	.030	9	10	.39	64	.09	2	.63	.04	.40	1	2
005 R 0403	1	115	8	92	.1	79	35	1219	7.75	2	5	ND	1	33	1	2	2	158	4.37	.021	2	140	3.90	9	.18	3	4.92	.01	.02	1	1
006 R 0404	1	9	2	45	.1	6	4	186	1.10	2	5	ND	2	40	1	2	3	4	1.03	.031	9	8	.38	31	.01	2	.60	.03	.08	1	3
007 R 0405	1	4	2	1	.1	3	1	46	.35	2	5	ND	1	3	1	2	2	2	.07	.001	2	8	.04	2	.01	2	.05	.01	.01	1	1
008 R 0406	3	685	2	11	.5	3	2	61	.68	2	5	ND	1	1	1	2	3	3	.28	.002	2	20	.04	2	.01	2	.05	.01	.02	2	2
009 R 0407	2	97	2	56	.2	91	29	699	4.56	7	5	ND	1	15	1	3	2	78	2.19	.014	2	167	2.42	3	.14	4	3.19	.07	.04	1	3
010 R 0408	1	29	2	25	.1	4	3	178	.97	2	5	ND	1	20	1	2	2	9	.32	.021	5	6	.20	32	.04	2	.35	.05	.11	1	3
011 R 0409	1	6	2	10	.1	3	2	99	.81	2	5	ND	1	7	1	2	4	2	.13	.015	5	5	.03	40	.01	8	.18	.03	.11	8	1
012 R 0410	4	68	10	121	.1	98	37	1195	9.00	27	5	ND	2	45	3	2	2	146	3.14	.017	2	212	3.36	18	.04	5	4.46	.01	.05	2	1
013 R 0411	1	12	8	24	.1	1	1	190	.42	2	5	ND	7	14	1	2	2	1	.41	.004	16	2	.01	35	.01	4	.20	.03	.12	1	2
014 R 0412	1	13	10	40	.3	10	5	306	1.19	2	5	ND	7	78	1	2	2	4	1.69	.029	14	7	.33	47	.01	5	.63	.02	.15	1	1
015 R 0413	1	33	12	62	.1	9	6	347	1.29	2	5	ND	7	32	1	2	2	2	1.13	.030	17	3	.06	52	.01	2	.32	.03	.16	1	1
016 R 0414	5	6	5	6	.1	7	2	115	.91	6	5	ND	1	2	1	2	2	10	.41	.004	2	10	.19	5	.01	2	.14	.02	.01	1	1
017 R 0415	20	12	8	9	.7	9	3	65	1.28	4	5	ND	1	1	1	2	52	16	.15	.005	2	17	.22	12	.01	2	.16	.02	.11	1	3

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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

DATE RECEIVED: OCT 22 1987 DATE REPORT MAILED: ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

GML MINERALS

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
SJR-001 R 0351	4	116	3	111	.2	86	34	1061	7.59	10	5	ND	1	17	2	2	2	131	2.34	.018	2	150	3.01	20	.27	4	3.47	.01	.08	1	1
002 R 0400	1	21	4	28	.1	25	10	328	2.73	6	5	ND	1	2	1	2	3	34	.10	.007	2	43	1.13	9	.04	5	1.34	.01	.04	1	1
003 R 0399	1	87	9	50	.1	44	19	775	4.91	2	5	ND	1	4	1	2	2	84	2.35	.007	2	96	2.06	3	.13	3	2.71	.01	.01	1	1
004 R 0398	1	154	2	12	.1	7	3	136	1.04	2	5	ND	4	11	1	2	2	8	.97	.020	13	5	.23	44	.01	2	.53	.02	.16	1	1
005 R 0397	8	91	10	83	.2	47	22	753	6.35	3	5	ND	2	16	1	2	2	119	1.24	.038	4	81	2.48	37	.25	5	2.58	.03	.22	1	1
006 R 0396	17	131	3	41	.1	52	20	402	2.96	3	5	ND	1	17	1	2	2	42	1.02	.016	2	56	1.00	32	.18	2	1.62	.14	.16	1	1

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

GEOCHEMICAL/ASSAY CERTIFICATE

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

DATE RECEIVED: OCT 6 1987 DATE REPORT MAILED: ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

GML MINERALS

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AG** OZ/T	AU** OZ/T	PT** OZ/T
SJR-001 R 0301	1	167	2	302	.1	91	23	312	2.87	2	5	ND	1	12	1	2	2	33	1.05	.020	2	35	.31	10	.22	2	.70	.05	.03	1	.01	.001	.001
002 R 0302	1	139	6	113	.1	96	26	258	3.01	2	5	ND	1	8	1	2	2	52	.79	.023	2	56	.59	28	.23	5	.89	.09	.13	1	.01	.001	.001
003 R 0303	15	57	32	46	9.9	45	15	601	3.22	5	5	ND	3	49	2	2	147	34	2.91	.009	2	53	1.91	15	.03	2	.60	.02	.49	1	.29	.001	-
004 R 0304	58	1032	6	6	.1	9	3	111	.75	2	5	ND	1	3	1	4	20	11	.37	.001	2	15	.18	2	.01	2	.15	.01	.01	1	.03	.001	-
005 R 0305	1	19	5	3	.1	5	4	204	1.05	2	5	ND	3	39	1	2	2	3	1.42	.022	5	2	.11	29	.01	2	.26	.04	.09	1	.01	.001	-
006 R 0306	3	870	5	1	1.9	3	2	50	.48	2	5	ND	1	3	1	2	2	1	.34	.001	2	3	.01	2	.01	10	.02	.01	.01	1	.03	.001	-
007 R 0307	1	61	2	11	.4	11	4	135	1.03	2	5	ND	1	2	1	2	2	20	.72	.002	2	29	.34	5	.02	2	.24	.01	.06	1	.02	.001	-
008 R 0308	104	35	5	1	.2	6	1	28	.83	8	5	ND	1	1	1	11	9	10	.01	.002	2	12	.08	5	.01	7	.07	.01	.01	1	.03	.001	-
009 R 0309	1	62	11	9	.9	9	3	78	1.89	30	5	ND	2	14	1	59	6	7	.16	.072	2	12	.19	18	.01	13	.26	.01	.11	1	.03	.001	-
010 R 0310	12	17	6	42	1.1	23	11	343	3.36	5	5	ND	2	19	1	2	2	7	.82	.022	2	13	.31	43	.01	2	.21	.04	.09	104	.04	.005	-
011 R 0311	2	71	223	365	18.8	35	18	807	4.23	105	5	ND	2	65	4	12	48	7	2.58	.017	2	12	1.07	9	.01	2	.12	.01	.06	6	.56	.035	-
012 R 0312	2	63	11	82	1.6	42	14	885	3.57	32	5	ND	1	85	1	2	2	19	3.90	.010	2	29	1.82	16	.02	10	.33	.02	.25	1	.08	.002	-
013 R 0313	1	137	9	222	.4	26	27	371	5.34	2	5	ND	2	9	2	2	2	98	.78	.047	4	12	.82	34	.12	15	1.26	.10	.16	1	.01	.001	.001
014 R 0314	1	119	2	51	.1	50	27	407	3.93	2	5	ND	1	15	1	2	2	71	1.05	.026	2	39	1.15	21	.20	7	1.67	.13	.23	1	.03	.001	.001
015 R 0315	13	141	8	52	.1	88	31	343	3.34	2	5	ND	1	12	1	2	2	42	.65	.017	2	75	1.18	4	.18	2	1.41	.04	.03	1	.01	.001	.001

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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

DATE RECEIVED: NOV 12 1987 DATE REPORT MAILED: ASSAYER. ...DEAN TOYE, CERTIFIED B.C. ASSAYER

GML MINERALS

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
SJR-016 R 0316	1	26	4	14	1.5	2	2	60	.69	10	5	ND	1	9	1	11	2	1	.11	.018	4	2	.03	32	.01	2	.24	.02	.14	62	39
017 R 0317	77	112	27	41	6.8	38	22	576	3.99	42	5	ND	1	80	1	7	77	10	2.80	.008	2	23	1.04	17	.01	5	.49	.01	.13	6	250
018 R 0318	1	358	5	102	1.3	82	24	1091	5.97	8	5	ND	1	68	1	2	2	27	4.64	.013	2	84	2.57	15	.01	7	1.84	.01	.08	1	595
019 R 0319	1	165	2	20	.1	31	7	323	1.62	4	5	ND	1	5	1	2	2	5	.24	.004	2	26	.28	10	.01	2	.36	.01	.03	1	9
020 R 0320	1	89	7	85	3.1	84	35	2193	12.66	13	5	ND	2	64	1	2	3	49	3.52	.055	2	72	1.81	23	.01	2	1.37	.03	.04	1	970
021 R 0321	2	22	13	16	7.3	3	3	135	.86	3	5	ND	1	9	1	2	2	1	.15	.016	5	2	.03	26	.01	3	.16	.02	.09	4	1805
022 R 0322	3	17	7	8	.5	3	2	125	.97	2	5	ND	1	14	1	2	2	1	.25	.015	3	3	.02	17	.01	2	.13	.05	.05	6	41
023 R 0323	1	121	4	42	.1	91	25	501	3.97	4	5	ND	1	16	1	2	2	41	.73	.016	2	97	1.94	4	.18	5	2.47	.03	.01	1	10
024 R 0324	3	34	4	36	1.6	31	13	524	3.54	14	5	ND	1	46	1	7	2	14	1.52	.005	2	30	.76	12	.01	2	.61	.02	.12	2	205
025 R 0325	2	15	2	7	.5	2	3	161	.99	6	5	ND	1	10	1	2	2	1	.53	.017	5	4	.08	17	.01	2	.19	.04	.05	1	7
026 R 0326	1	77	2	38	.2	47	25	413	3.75	4	5	ND	1	13	1	2	5	36	.72	.033	2	96	1.52	23	.13	4	1.98	.07	.17	1	1
027 R 0327	1	36	5	34	.1	42	26	393	3.39	3	5	ND	1	24	1	2	2	49	1.64	.013	2	97	1.30	24	.15	2	1.63	.03	.46	1	1
028 R 0328	1	132	2	50	.1	136	33	565	4.52	2	5	ND	1	13	1	2	2	33	.84	.016	2	47	2.54	8	.11	3	2.83	.05	.07	1	1
029 R 0329	1	16	4	6	.1	4	3	67	.63	10	5	ND	1	9	1	2	2	1	.04	.002	2	11	.03	3	.01	10	.06	.01	.01	1	1
030 R 0330	5	142	7	42	.1	69	30	487	3.53	3	5	ND	1	9	1	2	4	34	.80	.010	2	89	1.46	8	.12	6	1.90	.03	.08	1	2
031 R 0331	3	318	2	16	.2	22	11	162	1.78	8	5	ND	1	3	1	2	2	14	.41	.005	2	27	.44	6	.05	3	.50	.02	.03	1	6
032 R 0332	88	314	2	92	.5	69	28	697	4.81	4	5	ND	1	7	2	2	2	55	.89	.010	3	94	1.81	6	.15	4	2.11	.03	.06	1	1
033 R 0333	36	316	2	42	.2	57	27	367	4.33	4	5	ND	1	7	2	2	2	51	.73	.018	2	46	1.09	13	.18	7	1.34	.06	.08	1	1
034 R 0334	5	42	2	11	.1	5	2	90	1.51	2	5	ND	1	1	1	2	2	17	.07	.003	2	7	.32	4	.01	7	.35	.01	.04	1	1
035 R 0335	7	173	6	30	.5	12	9	192	4.18	2	5	ND	2	1	2	2	2	61	.08	.003	2	9	1.05	7	.03	6	.87	.01	.14	1	3
036 R 0336	1	13	2	1	.2	3	1	21	.99	2	5	ND	1	1	1	2	2	6	.01	.002	2	5	.03	3	.01	3	.03	.01	.01	1	1
037 R 0337	2	57	3	9	.2	5	2	102	1.04	2	5	ND	1	13	1	2	2	3	.52	.011	3	5	.12	18	.01	6	.25	.04	.07	1	1
038 R 0338	2	142	2	44	.1	47	18	461	4.13	2	5	ND	1	8	1	2	2	45	1.77	.011	2	117	1.04	10	.07	2	1.12	.01	.08	1	1
039 R 0339	197	118	40	12	1.7	13	2	100	1.72	2	5	ND	2	2	1	2	85	17	.03	.003	2	34	.37	14	.02	4	.31	.02	.22	1	1
040 R 0340	1	403	2	26	1.3	7	3	113	.95	2	5	ND	3	23	1	2	2	20	.27	.016	6	12	.31	40	.07	9	.44	.04	.24	1	8
041 R 0341	3	1868	4	6	.9	11	5	72	.95	6	5	ND	1	6	1	2	2	3	.26	.007	4	4	.05	21	.01	3	.15	.02	.07	1	65
042 R 0342	1	108	2	10	.1	20	8	188	1.61	2	5	ND	1	4	1	2	2	18	.72	.004	2	20	.32	1	.05	6	.48	.01	.01	1	1
043 R 0343	5	33	2	5	.1	4	3	215	1.26	3	5	ND	1	2	1	2	2	7	.13	.005	2	4	.13	4	.01	3	.16	.01	.02	1	1
044 R 0344	5	83	4	22	.3	18	16	617	4.55	2	5	ND	1	33	1	2	2	36	2.59	.029	2	17	.84	11	.02	2	.23	.02	.12	2	1
045 R 0345	1	23	6	22	.2	5	5	149	2.06	8	5	ND	2	11	1	2	2	4	.82	.020	2	4	.39	12	.01	5	.47	.03	.06	1	56
046 R 0346	1	5844	2	8	6.6	5	5	25	1.56	2	5	ND	1	1	1	2	2	1	.01	.001	2	3	.01	1	.01	6	.01	.01	.01	1	290
047 R 0347	193	103	16	57	5.6	17	16	492	5.73	2	5	ND	1	13	1	2	72	80	.88	.018	2	21	1.21	12	.17	2	1.27	.01	.04	1	22
048 R 0348	14	905	3	4	.2	6	4	210	.91	2	5	ND	1	4	1	2	2	2	.48	.004	2	4	.10	5	.01	2	.05	.02	.02	1	8
049 R 0349	9	71	3	9	.1	4	2	102	1.05	2	5	ND	1	10	1	2	4	7	.31	.009	3	6	.13	9	.01	2	.19	.03	.03	1	1
050 R 0350	229	687	10	1	.3	3	2	45	.70	2	5	ND	1	2	1	2	2	2	.02	.002	2	3	.02	3	.01	2	.02	.01	.01	1	1

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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

DATE RECEIVED: OCT 26 1987 DATE REPORT MAILED: ASSAYER. D.Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

GML MINERALS

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
SJR-051 R 0001	144	51	2	32	.1	51	13	294	2.54	2	5	ND	1	11	1	2	2	35	.38	.008	2	63	1.13	33	.12	3	1.13	.03	.08	1	9
052 R 0002	5	31	4	41	.2	23	11	359	3.73	9	5	ND	1	10	1	2	2	60	1.40	.012	2	59	1.09	38	.10	2	.99	.05	.65	3	1
053 R 0003	11	231	9	88	.5	77	31	1154	8.82	25	7	ND	1	4	1	2	2	99	.83	.014	2	204	2.67	40	.23	2	4.28	.07	.40	1	1
054 R 0004	1	7	2	15	.2	15	6	598	2.11	25	4	ND	1	34	1	2	2	24	3.27	.003	2	9	.76	2	.01	2	.85	.02	.02	1	1
055 R 0005	1	130	7	106	.5	41	33	850	7.42	22	7	ND	1	18	1	2	2	127	.99	.037	2	40	2.28	34	.28	2	3.69	.09	.19	1	3
056 R 0006	5	20	4	39	.4	101	23	458	4.70	16	6	ND	2	13	1	2	2	74	4.01	.012	2	84	2.16	28	.08	2	1.52	.04	1.01	1	4
057 R 0007	7	14	9	9	1.0	7	3	137	.94	23	5	ND	1	3	1	2	77	9	.35	.005	2	8	.30	5	.01	2	.35	.02	.05	1	12
058 R 0008	2	207	3	33	.1	78	30	404	3.46	2	5	ND	1	12	1	2	2	37	1.09	.014	2	70	.72	3	.17	2	1.40	.07	.01	1	1
059 R 0009	1	105	2	6	.1	3	2	215	.87	5	5	ND	1	39	1	2	2	12	7.29	.002	2	6	.11	20	.02	2	.69	.01	.02	1	1
060 R 0010	20	25	8	10	.1	8	4	99	2.11	6	5	ND	1	3	1	2	125	16	.26	.005	2	15	.25	12	.05	2	.27	.03	.03	1	7
061 R 0011	2	13	2	12	.1	18	6	174	1.54	8	5	ND	1	4	1	2	2	20	.54	.004	2	31	.35	15	.05	3	.36	.04	.19	1	2
062 R 0012	1	95	4	228	.1	5	9	335	2.94	2	5	ND	1	1	1	2	2	64	.18	.007	2	3	.63	3	.07	2	.96	.01	.01	2	2
063 R 0013	1	209	6	80	.1	36	28	750	6.29	3	5	ND	1	15	1	2	2	63	.88	.027	2	58	1.78	13	.25	2	2.65	.01	.01	1	3
064 R 0014	4	328	23	32	.3	40	24	154	2.81	2	5	ND	4	10	1	2	24	11	.44	.027	15	14	.45	18	.06	5	.63	.02	.06	15	7
065 R 0015	1	16	47	40	.3	3	2	135	.67	2	5	ND	2	7	1	2	3	1	.15	.015	9	1	.03	18	.01	3	.14	.03	.05	1	5
066 R 0016	1	98	10	45	.1	44	21	678	3.85	15	5	ND	3	276	1	3	2	17	3.83	.090	13	40	1.93	73	.08	2	.93	.01	.69	1	4
067 R 0017	1	13	288	191	.3	7	2	146	.79	5	5	ND	5	12	1	2	2	1	.15	.025	15	1	.02	19	.01	5	.10	.04	.03	1	28
068 R 0018	1	89	4	70	.4	37	37	1191	7.63	29	5	ND	1	95	1	4	2	57	5.21	.020	2	68	2.29	18	.01	2	1.65	.01	.05	1	48
069 R 0019	1	21	3	28	.1	2	3	157	1.17	3	5	ND	4	13	1	2	2	1	.23	.031	15	1	.07	21	.01	4	.11	.05	.04	1	3
070 R 0020	1	614	10	168	.4	39	31	1186	8.56	9	5	ND	1	21	1	2	2	227	4.47	.020	3	145	3.17	230	.33	2	4.62	.02	3.20	1	2
071 R 0021	1	150	7	48	.1	15	18	425	4.20	2	5	ND	1	8	1	2	2	108	1.85	.017	2	50	1.11	18	.11	3	1.44	.02	.26	19	1
072 R 0022	1	175	14	92	.1	22	24	895	8.01	6	5	ND	1	10	1	2	2	220	3.10	.020	2	80	2.75	11	.09	2	3.61	.01	.06	1	2
073 R 0023	1	21	2	10	.1	8	4	214	.97	124	5	ND	1	17	1	2	2	2	1.68	.018	6	3	.11	12	.01	2	.29	.03	.07	1	1
074 R 0024	1	217	6	72	.1	150	47	475	4.43	2	5	ND	1	6	1	2	2	80	.55	.015	2	117	1.42	10	.16	2	1.81	.03	.09	1	5
075 R 0025	5	318	2	29	.1	97	33	285	3.36	2	5	ND	1	6	1	2	2	40	.65	.009	2	51	.78	3	.13	4	1.16	.01	.02	1	2
076 R 0026	3	146	5	63	.4	94	33	480	4.41	2	5	ND	1	15	1	2	2	53	.77	.016	2	91	1.60	20	.17	2	1.94	.02	.23	1	1
077 R 0027	1	174	2	53	.2	18	25	491	4.16	5	5	ND	3	7	1	47	2	68	.48	.019	2	13	1.26	45	.14	2	1.60	.03	.44	1	13
078 R 0028	1	259	6	114	.4	32	61	1397	10.29	47	5	ND	4	108	1	2	4	83	4.47	.018	2	13	1.75	9	.02	2	1.26	.02	.06	4	71
079 R 0029	1	68	2	49	.3	15	13	828	3.62	23	5	2	1	157	1	2	2	4	4.22	.005	2	4	.89	11	.01	3	.11	.01	.04	1	3960
080 R 0030	1	255	2	25	.2	21	20	287	3.55	2	5	ND	1	3	1	2	2	59	.67	.024	2	18	.58	22	.15	4	.89	.09	.09	1	3
081 R 0031	1	139	3	45	.1	32	29	410	4.43	2	5	ND	1	14	1	2	2	65	.77	.031	2	15	1.08	4	.10	2	1.60	.09	.03	1	5
082 R 0032	1	320	6	103	.3	46	39	626	14.40	25	5	ND	4	8	1	2	4	179	.31	.030	2	63	1.70	7	.34	5	2.34	.01	.04	1	2
083 R 0033	1	138	7	94	.4	43	34	939	7.58	12	5	ND	2	54	1	2	2	100	9.27	.023	2	55	1.87	10	.01	5	2.91	.03	.05	1	16
084 R 0034	1	27	2	10	.1	4	3	82	.75	5	5	ND	3	4	1	2	2	2	.18	.008	7	3	.04	17	.01	2	.15	.02	.07	1	3
085 R 0035	1	39	3	15	.1	3	3	74	.83	5	5	ND	2	3	1	2	2	2	.13	.008	5	2	.02	22	.01	3	.13	.02	.06	1	81
086 R 0036	1	44	2	9	.2	4	6	217	1.10	3	5	ND	1	7	1	2	8	5	.81	.002	2	2	.18	3	.01	3	.07	.01	.01	1	4

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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

DATE RECEIVED: OCT 16 1987 DATE REPORT MAILED: ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

GML MINERALS

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
SJR-087 R 0037	1	224	2	34	.8	16	14	331	5.85	3	5	ND	3	7	1	2	421	63	.42	.019	2	24	.77	55	.14	4	1.12	.06	.26	3	32
088 R 0038	1	128	4	44	.1	41	22	421	4.25	15	5	ND	2	14	1	2	2	69	.82	.019	2	33	1.32	59	.14	2	1.72	.06	.39	3	8
089 R 0039	7	139	2	26	.1	42	24	306	3.28	2	5	ND	2	9	1	2	2	53	.89	.032	5	27	.42	47	.17	3	.76	.06	.25	2	1
090 R 0040	1	197	6	102	.1	38	21	566	5.35	2	5	ND	2	7	1	2	4	122	.41	.020	2	57	1.79	12	.14	4	2.31	.09	.20	1	1
091 R 0041	1	522	6	51	.3	475	41	172	2.03	2	5	ND	1	19	1	2	2	17	2.29	.041	9	100	.14	2	.18	2	.23	.01	.01	1	17
092 R 0042	1	7	2	9	.1	9	4	189	.90	3	5	ND	5	17	1	2	2	1	.74	.024	18	2	.06	43	.01	3	.18	.02	.10	1	1
093 R 0043	1	37	2	1	.1	9	4	41	.61	4	5	ND	1	1	1	2	2	1	.04	.002	2	5	.01	8	.01	2	.04	.01	.02	1	1

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

GEOCHEMICAL ANALYSIS CERTIFICATE

- SAMPLE TYPE: Rock Chips AU** PT** BY FA-MS.

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

GML MINERALS

SAMPLE#	AG ppm	AU** ppb	PT** ppb
SJR-094 R 0044	.5	81	2
095 R 0045	.1	71	2
096 R 0046	.1	11	2
SMR-007 R 0395	.1	15	-

TO: GML MINERALS CONSULTING LTD.,
Suite A17, Block A,
6120 - 2nd Street S.E.,
Calgary, Alberta T2H 2L8

ATTN: George Leary
cc: Dryden, Ont.

File No.
Date
Samples Rock

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER
SDR-001 22047	.004	.01
SDR-002 22048	.010	.06

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.
Pulps Retained one month unless specific arrangements made in advance.

Assayer

APPENDIX III

RIVERS GRID SOIL GEOCHEMICAL ANALYSES

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.

P-20 MESH PULVERIZED

DATE RECEIVED: SEPT 11 1987 DATE REPORT MAILED: ASSAYER. D. Toye DEAN TOYE. CERTIFIED B.C. ASSAYER

GML MINERALS

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-RDS-202	1	52	30	105	.6	52	17	607	5.35	2	5	ND	19	34	1	2	2	75	.68	.021	19	92	1.49	167	.24	2	4.71	.04	.55	1	1
87-RDS-203	1	35	11	128	.2	43	16	811	4.40	2	5	ND	13	31	1	2	2	66	.69	.029	23	75	1.19	154	.20	2	3.51	.03	.46	1	1
87-RDS-204	1	17	10	59	.3	27	9	415	2.59	2	5	ND	9	23	1	2	2	42	.57	.027	19	47	.79	68	.16	3	1.80	.04	.21	1	1
87-RDS-205	1	15	12	66	.3	28	9	426	2.84	2	5	ND	8	25	1	2	2	47	.54	.034	15	52	.87	65	.19	2	1.95	.04	.23	1	2
87-RDS-206	1	11	14	85	.1	24	9	409	2.54	2	5	ND	6	24	1	2	2	43	.49	.024	14	46	.79	57	.18	3	1.72	.04	.18	1	2
87-RDS-207	1	13	10	72	.3	25	9	387	2.72	4	5	ND	7	24	1	2	2	46	.51	.039	15	50	.81	52	.18	2	1.83	.04	.18	1	1
87-RDS-208	1	27	18	139	.1	38	13	682	3.84	2	5	ND	10	30	1	2	2	60	.58	.037	20	68	1.15	108	.22	3	2.77	.04	.43	1	2
87-RDS-209	1	28	15	98	.4	40	12	646	3.76	2	5	ND	9	29	1	2	2	58	.58	.036	22	71	1.12	129	.19	4	3.06	.03	.37	1	10
87-RDS-210	1	10	11	42	.1	17	6	205	1.72	2	5	ND	6	17	1	2	3	30	.33	.010	15	31	.51	38	.12	6	1.22	.03	.08	1	1
87-RDS-211	1	15	21	77	.3	26	9	470	2.51	2	5	ND	7	22	2	2	2	42	.43	.026	14	47	.75	88	.16	2	1.78	.03	.16	1	1
87-RDS-212	13	61	9	242	.4	52	14	509	10.07	22	5	ND	2	4	1	2	2	301	.11	.095	2	160	3.56	48	.35	2	4.34	.01	.23	4	1
87-RDS-213	1	39	35	73	.3	11	3	63	.96	8	5	ND	1	20	2	2	4	16	.30	.058	7	11	.16	190	.01	2	.53	.01	.05	1	1
87-RDS-214	1	7	9	21	.1	5	2	46	.62	2	5	ND	3	9	1	2	4	14	.11	.019	7	13	.18	34	.02	5	.48	.01	.04	2	1
87-RDS-215	1	11	5	88	.1	18	8	483	2.02	2	5	ND	4	23	1	3	4	35	.39	.031	14	36	.57	75	.13	2	1.51	.03	.12	1	1
87-RDS-216	1	13	3	66	.2	22	8	271	2.16	2	5	ND	4	23	1	2	2	36	.48	.023	15	41	.68	64	.14	2	1.56	.03	.18	1	1
87-RDS-217	2	28	15	90	.1	28	7	298	2.70	7	5	ND	3	60	1	2	2	31	1.96	.073	37	46	.79	153	.08	4	2.57	.03	.23	1	2
87-RDS-218	2	34	16	83	.2	33	10	450	3.23	2	6	ND	9	36	1	2	2	51	1.00	.040	30	57	.92	117	.14	3	2.62	.03	.25	1	1
87-RDS-219	1	25	6	56	.1	27	8	286	2.67	2	5	ND	7	30	1	2	2	43	.95	.041	22	47	.83	95	.12	6	2.03	.03	.19	1	1
87-RDS-220	1	26	7	49	.4	23	6	252	2.34	2	5	ND	7	28	1	2	2	35	1.09	.047	25	41	.65	94	.10	3	1.82	.03	.17	1	1
87-RDS-221	1	22	17	40	.2	23	6	248	2.25	2	5	ND	8	21	1	2	2	35	.70	.031	25	40	.60	84	.11	2	1.69	.03	.14	2	2
87-RDS-222	1	12	14	43	.1	18	5	247	1.72	2	5	ND	8	16	1	2	2	29	.34	.022	17	30	.48	52	.10	5	1.24	.02	.12	1	1
87-RDS-223	1	22	6	52	.1	24	8	286	2.53	2	5	ND	6	26	1	2	2	39	.83	.046	18	47	.73	91	.12	4	1.96	.03	.15	1	1
87-RDS-224	1	46	9	64	.7	38	10	316	3.41	2	9	ND	11	35	1	4	2	48	1.12	.037	37	57	.87	143	.13	6	3.22	.03	.21	1	1
87-RDS-225	1	31	4	61	.3	27	10	436	2.92	2	5	ND	8	31	1	3	2	47	.92	.027	27	51	.81	98	.13	4	2.30	.03	.17	1	1
87-RDS-226	1	21	13	56	.3	26	9	383	2.71	2	5	ND	8	26	1	4	2	43	.70	.019	22	47	.79	94	.14	4	2.15	.04	.16	1	1
87-RDS-227	1	31	4	59	.1	28	9	365	2.78	2	5	ND	8	23	1	2	4	38	.64	.030	27	49	.78	95	.13	2	2.36	.03	.17	1	2
87-RDS-228	1	25	14	60	.1	24	8	318	2.42	2	5	ND	7	18	1	2	3	40	.37	.016	20	41	.64	67	.12	5	1.84	.03	.11	1	1
87-RDS-229	2	47	2	74	.7	36	10	482	3.28	2	5	ND	11	27	1	2	2	43	.68	.027	35	55	.86	128	.13	6	2.98	.04	.18	1	1
87-RDS-230	1	28	4	50	.1	26	8	286	2.50	2	5	ND	8	24	1	2	4	35	.53	.035	28	45	.78	72	.14	2	1.82	.04	.18	1	2
87-RDS-231	1	19	14	71	.1	30	10	320	3.01	4	5	ND	8	27	1	2	2	46	.56	.020	17	56	.96	69	.19	2	2.21	.04	.23	1	1
87-RDS-232	1	26	22	84	.3	39	13	477	3.69	2	5	ND	11	32	1	2	3	52	.85	.041	32	63	1.11	117	.18	5	2.82	.05	.33	1	1
87-RDS-233	1	19	10	46	.1	26	8	323	2.53	2	5	ND	9	22	1	2	3	41	.52	.042	16	46	.78	58	.16	11	1.77	.04	.18	1	1
87-RDS-234	1	21	8	47	.1	25	8	342	2.44	3	5	ND	8	23	1	2	3	40	.55	.039	19	47	.77	68	.16	9	1.69	.04	.18	1	2
87-RDS-235	1	21	6	67	.1	30	10	369	2.96	2	5	ND	9	27	1	2	2	45	.77	.041	24	54	.85	106	.16	2	2.18	.04	.25	1	1
87-RDS-236	1	33	15	68	.4	33	8	307	2.58	2	6	ND	7	31	1	2	2	36	1.63	.047	37	49	.79	128	.11	5	2.23	.04	.23	1	1
87-RDS-237	1	32	11	78	.3	40	9	357	3.01	2	5	ND	8	30	1	2	2	39	1.16	.045	37	56	.86	161	.12	10	2.91	.04	.26	1	8
STD C/AU-S	19	62	39	132	7.3	71	29	1056	4.23	36	24	7	39	52	17	16	18	60	.48	.091	38	59	.87	180	.08	30	1.82	.06	.13	13	47

GML MINERALS

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-RDS-238	1	43	15	124	.3	47	15	818	4.26	7	5	ND	12	33	1	2	2	64	.61	.033	26	73	1.26	179	.20	4	3.46	.04	.43	1	1
87-RDS-239	1	27	11	114	.4	39	13	605	3.69	2	5	ND	11	30	1	2	2	57	.55	.040	17	66	1.21	125	.19	14	2.89	.04	.39	1	1
87-RDS-240	1	17	11	81	.1	30	10	419	2.89	4	5	ND	8	27	1	2	2	50	.49	.034	17	54	.94	73	.20	2	2.13	.04	.25	1	1
87-RDS-241	1	16	7	89	.2	31	10	440	2.92	3	5	ND	9	28	1	2	2	50	.49	.030	17	56	1.00	79	.21	7	2.12	.04	.27	1	2
87-RDS-242	1	6	4	30	.1	13	4	171	1.34	3	5	ND	5	16	1	2	2	27	.32	.025	12	24	.42	23	.12	2	.80	.03	.07	1	1
87-RDS-243	1	14	5	57	.1	27	9	411	2.61	3	5	ND	8	27	1	2	2	46	.53	.037	16	49	.88	66	.19	2	1.80	.04	.22	1	1
87-RDS-244	4	27	11	92	.4	28	8	482	2.22	14	5	ND	4	42	1	2	2	37	1.15	.053	12	31	.65	133	.06	7	1.43	.02	.11	1	1
87-RDS-245	6	41	5	48	.3	20	6	343	1.69	3	9	ND	6	52	1	2	2	40	2.85	.041	19	32	.63	107	.08	12	1.31	.03	.14	1	3
87-RDS-246	1	33	26	85	.1	24	8	460	2.68	20	5	ND	4	38	1	3	2	44	.99	.051	16	38	.73	127	.10	4	1.75	.03	.14	1	78
87-RDS-247	1	40	6	75	.2	32	10	408	3.17	11	5	ND	10	36	1	2	2	49	1.40	.025	35	54	.89	165	.13	2	2.68	.05	.25	1	2
87-RDS-248	1	9	4	36	.1	16	6	234	1.60	3	5	ND	6	18	1	2	2	30	.38	.012	14	30	.50	41	.12	2	1.06	.03	.10	1	2
87-RDS-249	1	14	6	54	.1	22	7	247	2.36	4	5	ND	7	22	1	2	2	43	.38	.015	13	41	.75	46	.16	3	1.72	.03	.10	1	1
87-RDS-250	1	9	4	28	.2	10	3	93	1.36	3	5	ND	3	8	1	3	2	25	.12	.015	8	19	.28	17	.08	2	1.00	.01	.03	1	3
87-RDS-251	1	12	11	64	.1	8	3	247	1.85	7	5	ND	3	12	2	2	2	32	.19	.069	9	19	.25	51	.06	2	1.38	.01	.06	1	3
87-RDS-252	1	11	8	47	.1	18	6	214	1.95	4	5	ND	6	19	1	2	2	36	.31	.018	12	35	.65	48	.14	2	1.49	.03	.09	1	1
87-RDS-253	1	9	5	47	.1	16	5	204	1.65	2	5	ND	6	20	1	2	2	31	.30	.011	14	31	.53	40	.13	6	1.26	.02	.08	1	1
87-RDS-254	1	15	3	61	.1	26	8	313	2.47	4	5	ND	7	23	1	2	2	44	.38	.014	13	46	.90	65	.18	3	1.85	.03	.14	1	1
87-RDS-255	1	38	10	82	.2	41	12	481	3.82	9	5	ND	14	34	1	2	2	61	.54	.040	24	68	1.18	129	.21	8	3.40	.04	.23	1	2
87-RDS-256	7	50	3	83	.2	44	12	295	6.89	4	5	ND	3	3	1	2	2	198	.04	.034	2	172	2.86	18	.15	2	3.28	.01	.08	3	26
87-RDS-257	20	25	9	62	.1	21	7	172	2.67	7	5	ND	2	10	1	2	2	71	.21	.029	6	45	.74	40	.10	2	1.29	.01	.05	2	1
87-RDS-258	7	18	10	32	.1	11	5	112	1.76	4	5	ND	3	8	2	2	3	49	.14	.015	9	24	.36	30	.08	5	1.07	.01	.03	1	1
87-RDS-259	2	13	12	23	.3	6	2	53	.99	3	5	ND	3	10	2	2	2	25	.12	.013	10	14	.19	34	.05	4	.95	.01	.04	1	10
87-RDS-260	2	8	12	12	.2	1	1	20	.50	2	5	ND	2	6	1	2	2	13	.04	.017	10	8	.06	35	.02	4	.77	.01	.03	1	3
87-RDS-261	1	7	23	19	.1	4	1	60	.53	5	5	ND	1	12	1	2	2	9	.18	.044	8	7	.08	50	.01	3	.51	.01	.06	1	12
87-RDS-262	1	7	28	32	.1	3	1	36	.62	6	5	ND	1	9	1	2	2	13	.07	.041	6	8	.08	36	.02	2	.84	.01	.05	1	2
87-RDS-263	2	28	5	64	.1	31	11	533	2.96	4	5	ND	11	39	2	2	2	49	.92	.025	23	58	1.03	95	.18	14	2.34	.05	.18	1	7
87-RDS-264	1	31	5	48	.1	14	3	169	.83	3	5	ND	4	51	2	2	2	16	2.92	.090	22	21	.30	86	.03	10	1.16	.02	.06	2	3
87-RDS-265	1	32	5	69	.3	21	5	260	1.72	4	5	ND	5	58	1	2	2	24	2.70	.092	25	32	.47	116	.05	18	1.70	.02	.14	1	2
87-RDS-266	1	40	9	111	.5	45	11	299	3.56	6	6	ND	13	47	2	2	2	47	1.26	.058	58	68	1.14	206	.14	10	4.42	.04	.35	1	1
87-RDS-267	1	42	4	112	.3	48	11	408	4.16	5	5	ND	11	44	1	2	2	52	1.09	.059	51	73	1.24	213	.15	5	4.89	.04	.38	1	2
87-RDS-268	1	17	2	75	.1	28	10	399	2.80	2	5	ND	9	33	1	2	2	50	.67	.021	21	50	.95	67	.20	4	1.86	.04	.22	1	2
87-RDS-269	1	9	3	57	.1	14	5	192	1.63	2	5	ND	4	18	1	2	2	31	.29	.013	11	29	.50	28	.13	8	1.00	.03	.07	1	1
87-RDS-270	1	15	9	80	.1	29	10	403	2.89	4	5	ND	10	30	1	2	2	51	.55	.029	18	53	.98	62	.22	4	1.95	.04	.22	1	3
87-RDS-271	1	29	6	98	.2	37	11	554	3.57	2	5	ND	13	34	1	2	2	59	.65	.039	22	66	1.20	124	.21	12	2.71	.05	.37	1	1
87-RDS-272	1	35	8	103	.2	44	17	931	4.14	2	5	ND	8	35	1	2	2	59	.79	.042	20	71	1.29	170	.18	6	3.93	.05	.34	1	1
87-RDS-273	1	24	12	73	.1	31	10	419	2.87	3	5	ND	9	32	1	2	2	48	.69	.029	20	53	.96	95	.17	8	2.22	.05	.23	1	2
STD C/AU-S	18	61	39	130	7.1	68	28	1047	4.01	38	20	7	39	51	18	17	23	59	.45	.086	38	60	.91	179	.08	37	1.72	.06	.13	13	46

GML MINERALS

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-RDS-274	1	27	14	75	.1	36	10	445	3.21	3	5	ND	9	30	1	2	2	48	.68	.027	19	65	.97	119	.17	2	2.94	.04	.25	1	1
87-RDS-275	1	25	18	73	.1	36	12	623	3.36	2	5	ND	9	32	2	2	2	52	.70	.036	21	66	1.01	124	.17	2	2.99	.04	.25	1	1
87-RDS-276	2	41	23	102	.1	40	13	727	3.62	2	5	ND	11	40	1	2	2	56	.85	.023	31	67	1.06	137	.17	3	3.08	.04	.26	1	2
87-RDS-277	1	28	13	69	.1	31	10	440	2.98	6	5	ND	10	35	1	2	2	50	.77	.017	28	59	.92	86	.18	2	2.20	.04	.20	1	2
87-RDS-278	1	29	16	72	.1	37	11	468	3.53	4	5	ND	12	32	2	2	2	54	.66	.027	21	65	1.09	99	.20	2	2.76	.05	.24	1	2
87-RDS-279	2	27	16	73	.1	37	12	453	3.38	5	5	ND	7	31	1	2	2	49	.57	.025	19	69	1.04	122	.17	2	3.23	.04	.19	1	1
87-RDS-280	1	22	20	60	.1	30	11	355	2.91	2	5	ND	10	27	2	2	3	47	.51	.021	20	56	.89	89	.18	2	2.41	.04	.16	1	92
87-RDS-281	1	18	17	100	.1	26	8	224	2.50	2	5	ND	7	24	2	2	2	39	.41	.018	16	47	.73	65	.15	2	2.45	.03	.11	1	3
87-RDS-282	1	6	20	17	.1	1	1	38	.50	2	5	ND	1	10	1	6	2	16	.09	.013	9	9	.07	33	.03	2	.78	.01	.02	1	3
87-RDS-283	1	3	21	10	.1	2	1	21	.38	5	5	ND	1	6	1	3	2	8	.05	.021	11	5	.03	33	.01	3	.45	.01	.02	1	8
87-RDS-284	2	71	19	51	.1	33	8	152	2.45	54	5	ND	5	48	1	2	2	28	2.58	.035	26	41	.51	96	.06	2	2.41	.02	.12	1	2
87-RDS-285	1	22	14	58	.4	15	5	361	1.13	6	6	ND	4	50	1	2	2	21	2.94	.094	18	24	.33	90	.03	9	1.31	.02	.09	1	2
87-RDS-286	1	28	18	53	.1	28	6	165	2.31	8	5	ND	5	74	1	2	2	28	3.58	.061	25	41	.73	124	.07	6	2.12	.03	.20	1	1
87-RDS-287	1	27	17	110	.2	33	11	600	3.13	4	5	ND	9	34	1	2	2	49	.92	.030	31	59	.98	102	.18	5	2.27	.05	.27	1	1
87-RDS-288	1	12	20	71	.1	25	9	374	2.52	2	5	ND	8	25	2	2	3	44	.50	.024	16	48	.81	61	.18	2	1.71	.03	.19	1	2
87-RDS-289	1	10	16	82	.1	23	8	335	2.42	5	5	ND	6	23	1	2	2	42	.44	.022	14	46	.73	52	.17	2	1.67	.03	.14	1	2
87-RDS-290	1	13	12	74	.1	27	9	353	2.76	4	5	ND	8	25	1	2	2	46	.51	.039	14	53	.85	67	.18	2	1.97	.04	.17	1	1
87-RDS-291	1	12	20	83	.1	20	7	346	2.13	2	5	ND	6	22	3	2	2	38	.45	.032	15	42	.70	52	.16	5	1.42	.03	.15	1	2
87-RDS-292	1	11	11	47	.1	21	7	304	2.19	6	5	ND	6	22	1	2	2	39	.47	.037	14	40	.69	44	.16	2	1.34	.04	.16	1	1
87-RDS-293	1	16	12	81	.1	29	9	444	2.89	3	5	ND	9	26	1	2	2	48	.55	.034	17	56	.92	75	.19	2	1.94	.04	.25	1	1
87-RDS-294	1	19	8	73	.1	26	9	359	2.43	2	5	ND	9	23	2	2	2	40	.46	.023	18	47	.75	71	.16	4	1.75	.03	.15	2	2
87-RDS-295	1	10	10	30	.1	15	5	171	1.49	3	5	ND	4	16	1	2	2	25	.33	.024	11	29	.47	31	.11	2	1.03	.02	.08	1	1
87-RDS-296	1	13	2	58	.1	25	8	295	2.50	2	5	ND	7	23	3	2	2	42	.44	.022	13	48	.75	53	.17	4	1.84	.03	.13	1	1
87-RDS-297	1	7	14	35	.1	6	3	78	1.64	4	5	ND	4	9	2	2	2	26	.11	.021	9	21	.18	21	.07	3	1.11	.01	.03	1	1
87-RDS-298	1	10	14	54	.4	10	4	113	2.20	6	5	ND	4	9	1	5	2	45	.11	.046	9	26	.28	25	.09	2	.94	.01	.04	2	1
87-RDS-299	1	16	11	57	.1	26	9	347	2.60	5	6	ND	9	24	1	2	2	46	.50	.012	17	50	.80	75	.17	6	1.95	.03	.12	1	2
87-RDS-300	1	22	18	63	.1	29	9	350	3.06	4	5	ND	9	29	1	2	2	46	.84	.031	18	58	.91	93	.17	2	2.40	.04	.20	1	2
87-RDS-301	1	29	16	64	.1	27	11	453	2.83	2	5	ND	11	28	3	2	3	46	.77	.028	19	51	.84	79	.16	6	1.99	.04	.19	1	1
87-RDS-302	1	39	14	55	.4	29	8	232	3.00	5	13	ND	8	52	1	2	2	37	2.22	.047	44	51	.67	168	.09	6	3.11	.03	.19	1	1
87-RDS-303	1	28	17	59	.1	29	10	405	2.99	2	6	ND	10	33	1	2	3	44	1.23	.034	26	55	.87	109	.15	8	2.49	.04	.21	1	3
87-RDS-304	2	42	18	69	.2	36	11	397	3.50	8	5	ND	12	34	1	2	2	49	1.35	.035	42	58	.87	155	.14	5	3.37	.03	.20	1	2
87-RDS-305	1	22	10	60	.1	28	10	469	2.90	9	5	ND	10	28	1	2	5	45	.87	.033	23	55	.83	95	.16	4	2.14	.04	.23	1	1
87-RDS-306	1	31	11	92	.5	28	10	315	2.84	2	7	ND	12	39	1	2	3	46	1.45	.053	32	56	.82	125	.13	11	2.69	.03	.18	1	1
87-RDS-307	1	23	5	86	.1	27	8	251	2.57	2	5	ND	6	38	1	2	2	33	1.48	.067	24	52	.72	126	.11	5	2.55	.03	.21	1	1
87-RDS-308	1	23	9	77	.1	25	8	356	2.63	5	5	ND	5	36	1	5	2	33	1.54	.058	24	48	.68	123	.10	2	2.38	.03	.21	1	2
87-RDS-309	1	20	16	80	.1	28	10	428	3.00	7	5	ND	7	30	2	3	2	43	1.02	.043	18	58	.85	117	.14	8	2.58	.03	.24	1	2
STD C/AU-S	17	62	39	132	7.4	67	28	1057	4.10	38	25	7	40	51	19	17	20	59	.47	.088	38	61	.86	181	.08	30	1.78	.06	.13	11	48

GML MINERALS

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-RDS-310	1	32	12	101	.1	35	11	514	3.57	3	5	ND	8	36	1	2	2	49	1.37	.037	24	64	.98	152	.16	7	3.07	.04	.28	1	1
87-RDS-311	1	20	10	54	.1	28	10	417	2.85	2	5	ND	11	27	1	2	3	47	.61	.026	20	51	.87	79	.19	2	1.92	.04	.25	1	1
87-RDS-312	1	25	8	78	.1	33	11	431	3.10	2	5	ND	10	30	2	2	2	49	.84	.033	24	61	.95	116	.18	2	2.41	.04	.29	1	1
87-RDS-313	1	21	16	80	.1	30	12	612	2.92	4	5	ND	7	29	1	2	2	47	.82	.022	17	55	.90	96	.18	2	2.20	.04	.23	1	1
87-RDS-314	1	27	10	107	.1	35	11	520	3.44	2	5	ND	7	32	1	2	2	49	1.12	.031	17	66	1.03	138	.17	4	3.12	.04	.27	1	1
87-RDS-315	1	8	5	31	.1	6	2	61	.77	2	5	ND	2	10	1	2	2	20	.17	.007	10	15	.21	29	.07	2	.71	.01	.03	2	1
87-RDS-316	1	19	11	71	.1	27	10	513	2.81	2	5	ND	9	28	1	2	2	49	.60	.019	21	52	.83	76	.18	2	2.03	.04	.17	1	1
87-RDS-317	1	40	10	75	.3	36	8	228	3.21	2	9	ND	8	40	1	2	2	32	1.61	.083	45	63	.75	209	.10	7	4.54	.05	.28	1	1
87-RDS-318	1	39	14	91	.2	40	11	444	3.82	2	5	ND	12	37	1	2	2	57	.79	.022	37	66	1.01	142	.17	2	3.62	.04	.23	1	1
87-RDS-319	1	17	10	77	.1	26	9	296	2.68	2	5	ND	7	26	1	2	2	47	.46	.009	16	50	.80	63	.18	2	2.00	.04	.11	1	2
87-RDS-320	1	15	12	66	.1	24	9	277	2.42	5	5	ND	5	25	1	3	2	41	.47	.016	15	43	.71	61	.16	2	1.95	.03	.12	1	1
87-RDS-321	1	19	6	13	.1	7	2	172	.50	2	5	ND	1	59	1	2	2	9	4.97	.054	11	9	.16	68	.01	7	.60	.01	.02	2	1
87-RDS-322	1	21	6	76	.1	28	9	370	2.84	5	5	ND	8	30	1	2	2	43	1.01	.030	19	53	.84	104	.16	2	2.25	.04	.17	1	1
87-RDS-323	1	14	62	91	.1	6	2	35	.53	7	5	ND	1	27	2	5	2	7	.49	.087	7	6	.07	74	.01	5	.55	.01	.08	1	3
87-RDS-324	1	27	6	57	.1	26	9	448	2.51	2	5	ND	6	28	1	2	2	34	1.47	.045	22	45	.67	120	.11	3	2.16	.03	.12	1	2
87-RDS-325	1	37	6	20	.3	10	3	151	.77	2	5	ND	1	40	1	2	2	6	4.70	.089	8	12	.11	68	.01	12	.78	.01	.02	1	1
87-RDS-326	1	28	6	38	.1	11	16	815	.98	4	5	ND	2	35	1	3	2	11	4.26	.082	13	20	.16	104	.02	7	1.11	.01	.05	3	1
87-RIS-187	1	20	5	82	.1	31	10	412	2.87	4	5	ND	8	24	1	2	2	48	.46	.019	16	51	.91	86	.18	7	2.18	.04	.20	1	1
87-RIS-188	1	25	9	81	.1	36	12	528	3.49	3	5	ND	12	30	1	2	2	57	.64	.028	24	61	1.14	114	.21	3	2.59	.05	.31	1	1
87-RIS-189	1	36	2	85	.2	38	10	406	3.56	4	5	ND	11	34	1	2	2	53	.82	.035	46	60	.95	148	.15	3	3.16	.03	.31	1	1
STD C/AU-S	19	60	39	129	7.1	68	28	1027	4.03	39	18	7	40	50	18	18	20	60	.46	.089	39	59	.85	185	.08	37	1.79	.06	.13	13	49
87-RIS-190	1	21	3	49	.1	26	8	328	2.61	2	5	ND	9	28	1	2	2	42	.79	.039	21	48	.84	87	.15	2	1.88	.04	.21	1	2
87-RIS-191	1	26	6	84	.1	31	10	349	3.17	5	5	ND	9	33	1	2	2	47	.91	.036	20	57	1.07	115	.17	5	2.43	.04	.28	1	1
87-RIS-192	1	28	6	87	.1	30	10	382	3.13	2	5	ND	9	36	1	2	2	48	.93	.035	22	57	1.04	105	.17	5	2.43	.04	.26	1	1
87-RIS-193	1	23	11	73	.2	28	10	375	2.90	3	5	ND	8	34	1	2	2	43	.69	.053	24	53	.85	115	.14	6	2.38	.04	.23	1	1
87-RIS-194	1	33	15	79	.2	37	11	405	3.52	4	6	ND	13	35	2	3	2	52	.73	.035	35	62	1.01	143	.17	2	3.08	.04	.30	1	1
87-RIS-195	1	20	8	57	.1	28	9	368	2.72	2	5	ND	9	25	1	2	2	46	.45	.023	17	51	.85	80	.19	2	2.01	.03	.24	1	2
87-RIS-196	1	13	7	54	.2	21	7	283	2.24	2	5	ND	7	21	1	2	2	41	.34	.013	14	41	.70	54	.16	3	1.65	.03	.12	1	1

GML MINERALS

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-RIS-197	1	19	9	84	.2	25	8	353	2.66	3	5	ND	9	23	1	2	2	46	.38	.027	15	50	.74	54	.16	2	2.23	.03	.10	1	1
87-RIS-198	1	16	9	124	.1	23	10	298	2.65	4	5	ND	7	22	1	2	2	42	.37	.035	14	44	.65	57	.15	5	2.26	.03	.09	1	1
87-RIS-199	1	17	7	68	.1	30	11	529	2.95	4	5	ND	10	25	1	2	2	50	.46	.024	16	55	.89	75	.20	2	2.08	.03	.26	1	1
87-RIS-200	1	12	9	40	.2	19	6	255	1.96	2	5	ND	6	19	1	2	2	36	.34	.014	13	35	.58	39	.14	12	1.34	.03	.10	1	1
87-RIS-201	1	12	2	24	.1	14	4	125	1.45	2	5	ND	5	14	1	2	3	25	.27	.018	10	27	.41	22	.11	2	1.05	.02	.05	1	1
87-RIS-202	1	30	13	99	.3	43	16	941	4.07	2	5	ND	15	34	3	2	2	65	.54	.025	24	76	1.20	138	.23	8	3.38	.04	.39	1	1
87-RIS-203	1	11	7	47	.2	17	5	175	2.03	3	5	ND	5	14	1	2	2	33	.27	.033	10	31	.43	41	.11	2	1.49	.02	.07	1	1
87-RIS-204	1	12	7	69	.1	26	9	340	2.62	4	5	ND	8	28	2	2	2	46	.50	.022	18	50	.79	57	.19	5	1.89	.04	.17	1	1
87-RIS-205	1	16	11	84	.1	32	11	502	3.07	4	5	ND	10	30	1	2	2	53	.56	.031	18	60	.94	78	.22	4	2.22	.04	.28	1	1
87-RIS-206	1	18	11	95	.1	28	10	403	2.76	4	5	ND	7	27	1	2	2	48	.53	.032	19	53	.95	67	.20	5	2.00	.04	.22	1	1
87-RIS-207	1	16	7	71	.1	26	9	476	2.64	4	5	ND	8	23	1	2	2	47	.42	.027	18	50	.79	65	.18	5	1.79	.03	.21	1	1
87-RIS-208	1	13	6	39	.1	19	7	216	1.92	2	5	ND	6	20	1	2	2	32	.45	.022	13	37	.57	47	.13	9	1.30	.03	.18	1	1
87-RIS-209	1	16	2	44	.1	24	8	281	2.32	2	5	ND	9	22	1	2	2	38	.47	.032	16	45	.74	47	.16	6	1.60	.03	.23	1	1
87-RIS-210	1	24	10	66	.1	31	11	489	3.12	6	5	ND	7	31	1	2	2	49	.67	.032	18	51	.84	106	.14	2	2.18	.03	.25	1	2
87-RIS-211	1	25	10	63	.2	32	11	535	3.08	3	5	ND	10	30	1	3	3	48	.77	.032	29	55	.89	94	.16	7	2.41	.04	.26	1	1
87-RIS-212	1	21	7	67	.2	28	10	359	2.72	3	5	ND	9	29	1	2	2	46	.71	.023	21	50	.82	84	.15	5	2.05	.03	.24	1	1
87-RIS-213	1	10	10	39	.1	21	7	312	2.14	3	5	ND	7	24	1	2	2	40	.45	.015	15	41	.65	43	.18	5	1.45	.03	.12	1	1
87-RIS-214	1	11	5	30	.1	18	5	195	1.82	2	5	ND	6	20	1	2	2	34	.35	.014	12	35	.53	33	.15	2	1.35	.03	.07	1	1
87-RIS-215	2	22	2	33	.2	17	5	116	1.83	3	5	ND	4	10	1	2	2	32	.16	.019	10	33	.42	30	.09	7	1.46	.01	.05	2	3
87-RIS-216	1	24	7	86	.1	19	7	196	2.79	8	5	ND	5	10	1	2	2	44	.15	.101	9	35	.43	41	.11	2	1.37	.01	.05	1	1
87-RIS-217	7	67	5	153	.5	48	16	325	3.73	6	5	ND	4	11	1	2	3	64	.23	.056	8	68	1.09	48	.10	2	2.11	.01	.08	3	290
87-RIS-218	1	22	11	90	.1	32	11	544	3.24	5	5	ND	9	27	1	2	2	55	.47	.026	18	62	.97	84	.20	5	2.34	.03	.29	1	1
87-RIS-219	1	14	6	80	.1	28	10	505	2.78	3	5	ND	8	28	1	2	2	49	.56	.038	18	54	.86	67	.20	4	1.83	.04	.25	1	1
87-RIS-220	1	11	4	79	.1	24	8	342	2.50	3	5	ND	7	27	1	2	3	44	.54	.029	15	48	.77	52	.19	2	1.60	.03	.19	1	1
87-RIS-221	1	15	8	80	.1	29	10	459	2.90	2	5	ND	9	27	1	2	2	50	.55	.033	16	55	.88	62	.20	12	1.86	.04	.27	1	1
87-RIS-222	1	16	8	77	.1	29	10	459	2.87	4	5	ND	9	28	1	2	2	50	.59	.042	17	55	.87	68	.20	3	1.87	.04	.26	1	1
87-RIS-223	1	14	6	89	.1	27	8	421	2.63	2	5	ND	9	26	1	2	2	46	.52	.026	18	49	.81	62	.19	6	1.70	.03	.23	1	2
87-RIS-224	1	15	12	96	.1	27	10	629	2.72	2	5	ND	8	27	1	2	2	46	.49	.024	17	50	.81	69	.19	11	1.90	.03	.22	1	1
87-RIS-225	1	13	2	27	.1	15	5	111	1.52	3	5	ND	3	10	1	2	2	26	.17	.023	9	24	.35	27	.09	2	1.13	.01	.03	1	1
87-RIS-226	3	31	2	40	.1	23	8	119	2.43	27	5	ND	6	8	1	2	2	35	.13	.041	9	30	.35	35	.09	2	1.72	.01	.04	1	1
87-RIS-227	1	17	6	62	.1	28	10	362	2.78	4	5	ND	9	22	1	2	2	48	.33	.008	15	54	.79	71	.17	9	2.38	.03	.12	1	1
87-RIS-228	16	39	6	51	.5	24	8	133	3.25	17	5	ND	3	9	1	2	2	39	.11	.043	9	31	.31	32	.05	3	1.46	.01	.04	2	31
87-RIS-229	1	23	8	57	.1	15	5	114	2.85	22	5	ND	5	8	1	2	2	48	.13	.077	8	33	.32	31	.09	2	1.60	.01	.03	1	1
87-RIS-230	8	43	3	232	.1	57	38	1519	6.71	6	5	ND	3	11	1	2	2	116	.49	.037	4	142	2.27	52	.24	2	3.21	.01	.10	2	17
87-RIS-231	1	36	5	45	.1	28	9	315	2.46	3	5	ND	7	29	1	2	2	39	1.00	.014	21	45	.63	74	.13	7	2.05	.03	.13	1	1
87-RIS-232	1	52	11	90	.4	47	9	268	4.10	8	5	ND	11	53	1	2	2	41	1.70	.045	65	70	.94	212	.11	6	5.58	.03	.36	2	1
STD C/AU-S	18	61	41	131	7.1	69	28	1053	4.06	36	20	7	40	51	18	18	23	60	.46	.087	38	61	.84	180	.08	30	1.73	.06	.13	11	52

GML MINERALS

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-RIS-233	1	38	7	70	.1	27	9	367	2.38	4	5	ND	7	23	1	2	2	35	.60	.037	21	37	.54	80	.10	2	2.01	.02	.11	1	5
87-RIS-234	1	18	11	87	.1	32	10	449	3.07	2	5	ND	9	27	1	2	2	52	.52	.018	17	58	.96	83	.21	4	2.30	.05	.26	1	1
87-RIS-235	1	17	8	69	.1	30	10	427	2.85	2	5	ND	8	28	1	2	2	50	.54	.019	16	54	.93	61	.21	8	2.01	.05	.22	1	2
87-RIS-236	1	12	2	79	.1	25	9	347	2.44	3	5	ND	7	25	1	2	2	43	.44	.017	16	47	.75	55	.19	3	1.87	.04	.16	1	1
87-RIS-237	1	16	12	65	.1	29	9	435	2.74	2	5	ND	8	27	1	2	2	49	.50	.015	16	52	.89	62	.21	2	1.98	.04	.22	1	1
87-RIS-238	1	12	10	77	.1	24	8	367	2.35	2	5	ND	5	26	1	2	2	43	.52	.023	16	45	.78	59	.19	9	1.58	.04	.17	1	1
87-RIS-239	1	38	16	84	.1	36	11	569	3.16	5	5	ND	6	29	1	2	2	50	.59	.036	20	54	.84	115	.15	2	2.59	.04	.19	1	1
87-RIS-240	1	15	11	59	.1	28	9	410	2.57	2	5	ND	8	27	1	2	2	47	.53	.017	16	53	.83	56	.20	5	1.69	.04	.22	1	1
87-RIS-241	1	18	11	65	.1	28	11	480	2.71	2	5	ND	8	30	1	2	4	49	.57	.016	18	54	.86	63	.21	12	1.82	.04	.22	1	1
87-RIS-242	1	24	17	82	.1	29	9	463	2.81	4	5	ND	6	28	1	2	2	46	.50	.031	16	48	.77	92	.15	7	2.00	.04	.19	1	1
87-RIS-243	4	56	19	85	.2	38	12	684	3.23	8	5	ND	6	36	1	2	2	48	1.01	.036	26	62	.86	114	.15	2	3.08	.04	.20	1	1
87-RIS-244	2	55	14	82	.1	37	10	574	2.95	7	5	ND	5	30	1	2	2	43	.69	.035	16	49	.70	123	.11	3	2.86	.03	.13	2	2
87-RIS-245	8	37	3	36	.1	18	6	121	2.68	14	5	ND	4	9	1	2	2	42	.19	.034	8	30	.40	12	.11	10	1.27	.02	.03	1	1
87-RIS-246	1	10	6	19	.1	14	4	106	1.41	2	5	ND	5	11	1	2	2	28	.22	.014	9	21	.32	23	.10	7	.93	.02	.04	1	1
87-RIS-247	1	9	10	37	.1	15	5	153	1.58	2	5	ND	5	15	1	2	2	29	.25	.012	11	28	.43	33	.12	10	1.26	.03	.06	1	1
87-RIS-248	1	9	2	29	.2	13	4	113	1.56	2	5	ND	3	12	1	2	2	28	.21	.019	10	24	.36	27	.09	7	1.23	.02	.04	1	3
87-RIS-249	3	63	21	101	.1	45	21	287	6.59	32	5	ND	1	6	1	2	7	57	.06	.072	5	53	.50	44	.02	2	1.35	.01	.04	6	70
87-RIS-250	1	16	12	25	.1	7	4	58	1.33	6	5	ND	3	4	1	2	2	25	.03	.035	11	15	.10	37	.01	6	.99	.01	.03	1	2
87-RIS-251	38	33	13	45	.1	48	9	213	2.57	2	5	ND	1	8	1	2	2	52	.27	.018	4	60	1.07	21	.14	2	1.52	.02	.04	1	1
87-RIS-252	1	27	4	43	.2	23	9	363	2.05	3	5	ND	3	36	1	2	2	33	.88	.021	13	36	.60	62	.10	3	1.88	.03	.06	2	2
87-RIS-253	1	31	12	56	.1	30	9	437	2.54	5	5	ND	6	31	1	2	2	40	.71	.022	16	44	.67	90	.12	3	2.08	.03	.11	1	1
87-RIS-254	3	16	10	26	.1	15	5	124	1.40	2	5	ND	4	13	1	2	2	28	.19	.008	11	26	.38	24	.09	6	1.16	.02	.04	1	1
87-RIS-255	5	90	12	50	.1	36	10	316	2.61	2	5	ND	8	24	1	2	2	47	.56	.017	18	46	.79	59	.18	4	2.03	.04	.08	1	1
87-RIS-256	5	35	19	74	.1	35	13	285	4.04	6	5	ND	3	8	1	2	2	104	.19	.021	5	67	1.20	24	.18	10	1.84	.01	.05	1	3
87-RIS-257	5	29	15	31	.3	19	6	163	1.58	3	5	ND	3	19	1	2	2	32	.46	.008	10	30	.48	35	.10	8	1.28	.02	.04	1	1
87-RIS-258	20	234	33	124	.8	61	48	974	14.58	16	5	ND	1	8	1	2	45	234	.22	.075	3	113	2.43	58	.23	2	3.45	.01	.27	18	20
87-RIS-259	7	68	10	159	.1	54	25	565	7.03	5	5	ND	2	6	1	2	3	159	.14	.106	5	125	1.54	29	.14	7	2.63	.01	.06	4	9
87-RIS-260	14	52	14	135	.5	52	21	540	6.49	6	5	ND	1	9	1	2	2	159	.20	.089	4	144	2.22	34	.19	2	2.82	.01	.05	1	7
87-RIS-261	7	99	13	251	.1	40	26	974	10.39	3	5	ND	1	8	1	2	2	198	.28	.066	2	97	2.38	29	.30	8	3.70	.01	.12	1	1
87-RIS-262	2	33	17	110	.3	33	13	341	2.73	2	5	ND	8	23	1	2	2	46	.42	.013	15	47	.77	60	.16	14	2.26	.04	.09	1	1
87-RIS-263	1	15	12	60	.3	27	10	396	2.56	2	5	ND	7	23	2	2	2	46	.39	.010	14	45	.78	58	.17	9	1.90	.04	.15	1	1
87-RIS-264	1	17	14	71	.1	27	9	425	2.66	6	5	ND	8	26	1	2	2	47	.46	.014	17	55	.82	69	.19	9	1.95	.04	.19	1	1
87-RIS-265	1	19	19	157	.4	19	7	323	3.35	5	5	ND	3	9	1	2	2	79	.19	.058	8	37	1.01	39	.14	4	1.81	.01	.08	1	33
87-RIS-266	1	14	11	57	.2	24	7	261	2.36	2	5	ND	6	20	1	2	2	42	.37	.023	13	43	.67	47	.16	7	1.73	.04	.10	1	1
87-RIS-267	1	11	9	51	.1	22	7	277	2.27	2	5	ND	7	24	1	2	2	41	.43	.016	14	44	.69	45	.17	5	1.50	.04	.14	1	1
87-RIS-268	1	14	8	61	.1	24	8	344	2.29	2	5	ND	7	21	1	2	2	42	.38	.012	17	43	.66	55	.16	9	1.54	.03	.18	1	1
STD C/AU-S	17	60	38	132	7.0	68	29	1051	4.09	40	19	6	40	52	18	17	21	61	.46	.094	39	59	.85	179	.08	39	1.77	.06	.13	13	52

GML MINERALS

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-RTS-269	1	20	8	70	.1	26	9	443	2.54	2	5	ND	7	22	1	2	2	40	.62	.022	21	45	.68	77	.13	2	2.04	.02	.16	1	2
87-RTS-270	1	20	7	53	.1	27	9	488	2.73	4	5	ND	9	27	1	2	2	42	.77	.012	24	48	.76	74	.16	2	1.91	.04	.19	1	1
87-RTS-271	1	88	5	64	.1	27	11	399	2.61	3	5	ND	6	30	1	2	2	43	.80	.018	20	47	.74	62	.16	2	1.90	.03	.15	1	2
87-RTS-272	1	133	7	105	.1	38	14	230	3.83	6	5	ND	4	15	1	2	2	62	.29	.022	11	54	.77	45	.11	9	2.40	.01	.08	1	2
87-RTS-273	2	49	9	121	.6	36	15	628	3.66	2	5	ND	6	19	1	2	2	52	.33	.033	13	57	.70	109	.14	3	3.59	.02	.19	1	3
87-RTS-274	1	11	13	52	1.8	10	3	107	1.75	2	5	ND	4	11	1	2	2	32	.18	.019	9	22	.29	29	.09	2	1.19	.01	.05	1	21
87-RTS-275	1	19	4	54	.1	30	9	320	2.75	2	5	ND	7	26	1	2	2	46	.44	.006	14	54	.85	63	.20	2	2.22	.03	.17	1	4
87-RTS-276	2	34	10	96	.3	34	14	379	2.96	2	5	ND	6	25	1	2	2	51	.49	.012	15	54	.83	63	.18	2	2.46	.03	.08	1	7
87-RTS-277	13	35	7	154	.7	28	14	429	6.19	6	5	ND	2	12	1	2	2	131	.33	.089	5	139	1.27	34	.19	2	2.43	.01	.05	11	4
87-RTS-278	4	44	6	133	.3	39	17	538	6.92	3	5	ND	1	8	1	2	2	140	.33	.037	4	111	1.33	34	.25	2	2.68	.01	.05	4	74
87-RTS-279	10	79	21	73	1.1	24	8	153	5.20	14	5	ND	4	6	1	2	2	89	.08	.024	12	65	.50	91	.04	2	3.70	.01	.05	2	295
87-RTS-280	21	49	12	163	.4	43	18	704	5.18	2	5	ND	3	10	1	2	2	103	.23	.046	6	92	1.16	57	.18	2	2.88	.01	.05	1	4
87-RTS-281	11	33	9	119	.8	54	20	432	7.59	8	5	ND	2	6	1	2	2	144	.16	.046	4	119	1.69	50	.13	4	2.76	.01	.08	5	1
87-RTS-282	2	18	2	31	.1	16	5	121	1.85	4	5	ND	2	11	1	2	2	31	.19	.019	9	26	.34	30	.09	5	1.43	.01	.03	1	7
87-RTS-283	2	34	2	36	.1	18	7	123	2.47	9	5	ND	2	10	1	2	2	38	.19	.042	6	30	.34	22	.09	3	1.21	.01	.03	1	2
87-RTS-284	13	22	13	30	.1	12	5	138	1.87	10	5	ND	2	8	1	2	2	54	.15	.014	8	34	.51	23	.11	4	1.19	.01	.03	1	2
87-RTS-285	3	35	9	46	.1	22	7	373	2.49	2	5	ND	3	23	1	2	2	38	.44	.026	13	41	.51	81	.11	10	2.12	.04	.15	1	1
87-RTS-286	1	19	8	53	.1	20	8	229	1.69	3	5	ND	5	21	2	2	2	27	.43	.012	11	28	.43	48	.09	2	1.54	.02	.05	1	1
87-RTS-287	1	5	12	20	.1	4	1	50	.67	2	5	ND	1	9	1	2	2	15	.13	.014	10	11	.12	26	.04	2	.50	.01	.03	1	1
87-RTS-288	1	15	5	51	.1	22	7	202	2.33	2	5	ND	5	23	1	2	2	41	.36	.011	15	45	.66	46	.15	2	1.83	.03	.10	1	1
87-RTS-289	1	37	6	93	.1	43	12	392	3.74	4	5	ND	9	31	1	2	2	49	.66	.033	24	72	1.05	153	.16	7	3.96	.03	.31	1	2
87-RTS-290	1	25	6	62	.1	33	10	401	2.83	4	5	ND	8	27	1	2	2	44	.53	.025	19	58	.90	95	.17	5	2.38	.04	.22	1	2
87-RTS-291	1	13	7	61	.1	24	8	364	2.32	3	5	ND	6	24	1	2	2	39	.44	.016	14	47	.74	61	.16	5	1.70	.03	.16	1	1
87-RTS-292	1	5	7	16	.1	7	2	67	1.00	2	5	ND	3	7	1	2	2	21	.12	.008	8	16	.20	14	.09	2	.58	.01	.04	1	1
87-RTS-293	1	6	2	29	.1	7	3	84	1.39	2	5	ND	3	8	1	2	2	29	.13	.012	8	18	.21	17	.09	6	.72	.01	.03	1	1
87-RTS-294	1	6	8	19	.1	10	4	83	1.23	2	5	ND	4	11	1	2	2	26	.16	.004	10	21	.27	24	.11	2	1.00	.01	.04	1	4
87-RTS-295	1	16	6	14	.1	12	4	98	1.27	3	5	ND	5	13	1	2	2	22	.23	.018	11	23	.33	36	.10	2	1.15	.02	.05	1	1
87-RTS-296	7	15	5	53	.1	15	7	178	2.51	3	5	ND	2	9	1	3	2	52	.15	.022	7	40	.46	22	.13	2	1.20	.01	.04	3	1
87-RTS-297	2	16	10	78	.1	19	10	268	2.33	2	5	ND	2	8	1	2	2	54	.16	.022	7	46	.57	35	.09	3	1.28	.01	.05	1	1
87-RTS-298	2	47	8	43	.1	25	9	215	2.29	8	5	ND	3	11	1	2	2	38	.20	.030	10	33	.43	46	.10	4	1.78	.01	.04	1	2
87-RTS-299	3	48	7	47	.3	24	9	163	2.37	10	5	ND	5	10	1	2	2	39	.18	.023	11	34	.44	40	.11	2	1.92	.01	.04	1	1
87-RTS-300	3	50	10	80	2.1	22	10	292	2.79	10	5	ND	3	10	1	2	2	37	.23	.049	9	33	.51	20	.09	8	1.25	.01	.04	2	595
87-RTS-301	2	63	6	132	1.3	39	10	545	2.69	3	5	ND	5	29	1	2	2	42	.67	.015	16	47	.72	82	.14	7	2.61	.03	.08	1	23
87-RTS-302	1	14	4	42	.1	20	7	253	2.03	3	5	ND	6	20	1	3	2	37	.35	.011	13	39	.60	38	.15	3	1.37	.03	.11	1	1
87-RTS-303	1	24	10	45	.1	24	9	324	2.31	4	5	ND	9	23	1	2	2	38	.49	.024	17	43	.68	50	.16	4	1.58	.04	.12	1	1
87-RTS-304	1	31	5	68	.1	32	11	419	2.85	3	5	ND	8	30	1	2	2	45	.74	.015	22	52	.79	80	.15	6	2.29	.04	.17	1	2
STD C/AU-S	18	61	37	131	7.2	68	28	1042	4.09	38	21	7	39	51	19	18	21	59	.46	.090	38	61	.84	180	.08	34	1.77	.06	.13	12	52

GML MINERALS

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-RTG-305	2	70	10	69	.3	43	11	527	3.50	4	5	ND	11	46	2	2	2	48	3.39	.047	31	63	1.23	122	.15	9	2.53	.06	.31	1	2
87-RTS-306	33	283	5	317	.5	162	69	1820	12.78	2	5	ND	4	10	4	2	2	139	.45	.038	2	169	2.55	51	.31	7	4.72	.01	.33	1	28
87-RTS-307	15	192	12	214	.4	108	37	977	10.94	24	5	ND	4	6	2	2	6	138	.15	.043	5	144	2.10	50	.15	8	4.62	.01	.11	1	2
87-RTS-308	16	155	4	182	.3	81	37	768	10.25	5	5	ND	2	6	3	2	5	126	.18	.060	4	117	1.72	40	.12	2	3.22	.01	.06	1	1
87-RTS-309	1	12	7	48	.1	18	6	245	1.92	2	5	ND	5	20	1	2	2	36	.34	.013	12	35	.53	35	.14	2	1.30	.02	.07	1	1
87-RTS-310	1	19	9	86	.1	30	9	504	2.96	2	5	ND	8	29	1	2	2	49	.55	.029	19	57	.90	77	.20	2	2.21	.03	.24	1	1
87-RTS-311	1	26	10	89	.1	34	11	523	3.27	3	5	ND	7	27	1	2	2	51	.48	.022	15	60	.95	83	.18	5	2.69	.03	.21	1	1
87-RTS-312	1	15	9	64	.2	28	9	421	2.72	2	5	ND	9	28	2	2	2	46	.54	.016	16	52	.84	63	.19	7	1.94	.04	.18	1	1
87-RTS-313	1	17	6	69	.1	24	9	342	2.40	2	5	ND	5	24	1	3	2	42	.45	.021	13	44	.67	51	.15	3	1.85	.03	.10	1	1
87-RTS-314	1	74	17	106	.4	27	7	318	4.19	2	5	ND	4	10	1	2	3	88	.25	.080	8	75	.82	77	.10	6	2.92	.01	.05	1	1
87-RTS-315	4	23	8	66	.1	29	10	192	4.28	13	5	ND	2	6	1	2	2	72	.10	.037	7	53	.58	35	.03	2	1.87	.01	.03	2	9
87-RTS-316	2	21	5	25	.2	17	6	82	2.00	5	5	ND	4	7	1	2	2	32	.12	.025	8	23	.25	21	.07	2	1.36	.01	.02	1	1
87-RTS-317	1	17	12	25	.1	14	4	99	2.23	4	5	ND	3	10	1	3	2	40	.14	.013	7	29	.33	28	.11	2	1.73	.01	.03	1	1
87-RTS-318	1	11	12	16	.1	10	2	51	1.11	2	5	ND	3	10	1	3	2	21	.13	.011	9	21	.20	37	.06	8	1.44	.01	.03	1	1
87-RTS-319	2	22	21	20	.1	3	1	21	.37	2	5	ND	4	26	1	4	2	10	.43	.013	24	9	.07	62	.02	2	.87	.01	.03	1	1
87-RTS-320	1	32	14	53	.1	30	7	160	3.45	2	5	ND	5	22	1	2	2	47	.28	.019	15	60	.66	135	.13	5	4.50	.02	.15	1	1
87-RTS-321	7	20	4	62	.1	27	13	527	2.83	3	5	ND	7	36	1	2	2	45	.70	.019	18	54	.75	92	.15	7	2.47	.03	.11	1	2
87-RTS-322	1	25	8	79	.1	30	10	719	3.30	2	5	ND	10	32	1	2	2	45	1.13	.042	23	58	.85	133	.14	6	2.53	.03	.23	1	1
87-RTS-323	1	32	7	69	.1	34	10	453	3.44	5	5	ND	13	34	1	2	2	49	1.29	.038	28	61	1.06	112	.18	5	2.51	.05	.27	1	1
87-RTS-324	1	102	16	67	.3	48	16	643	4.04	4	7	ND	18	38	1	2	2	55	1.06	.027	83	67	.91	133	.16	6	3.22	.04	.28	1	1
87-RTS-325	1	63	10	79	.1	41	13	489	3.76	2	5	ND	13	35	1	2	2	69	1.07	.046	36	64	1.06	151	.17	4	3.02	.05	.24	1	1
87-RTS-326	1	53	13	81	.2	37	10	302	3.07	2	5	ND	11	36	1	2	2	61	1.37	.045	33	58	.86	139	.14	9	2.62	.04	.15	1	1
87-RTS-327	1	34	11	69	.1	31	8	261	2.89	2	5	ND	10	35	1	2	2	48	1.29	.051	25	55	.78	129	.13	6	2.62	.03	.16	1	1
87-RTS-328	1	21	11	61	.1	29	9	423	2.86	2	5	ND	9	29	1	2	2	46	.66	.023	20	54	.89	79	.17	7	2.06	.04	.18	1	1
87-RTS-329	1	13	4	70	.2	26	9	400	2.63	2	5	ND	8	26	1	2	2	45	.47	.022	16	51	.79	57	.19	2	1.90	.03	.18	1	1
87-RTS-330	1	10	5	71	.1	23	8	299	2.43	2	5	ND	7	24	1	2	2	41	.44	.019	14	45	.70	49	.17	9	1.74	.03	.13	1	1
87-RTS-331	1	14	8	58	.1	27	9	377	2.73	2	5	ND	8	26	1	2	2	48	.48	.013	14	50	.81	61	.19	7	1.95	.04	.17	1	1
87-RTS-332	1	8	4	42	.1	17	5	224	1.80	3	5	ND	5	20	1	2	2	33	.34	.016	13	32	.52	41	.15	7	1.31	.03	.07	1	2
87-RTS-333	1	6	5	48	.1	16	5	187	1.67	2	5	ND	5	20	1	3	2	30	.32	.012	12	31	.48	30	.13	2	1.20	.02	.06	1	1
87-RTS-334	1	10	5	56	.1	20	6	256	2.01	2	5	ND	6	21	1	4	2	35	.35	.021	13	39	.61	47	.14	4	1.51	.03	.11	1	1
87-RTS-335	1	12	3	96	.1	23	7	279	2.39	2	5	ND	8	25	1	2	2	41	.44	.030	16	45	.72	55	.17	9	1.86	.03	.13	1	1
87-RTS-336	1	12	8	69	.1	24	8	315	2.58	4	5	ND	7	25	1	2	2	44	.47	.037	15	47	.77	51	.18	3	1.80	.03	.15	1	1
87-RTS-337	1	10	10	75	.1	19	6	330	2.10	2	5	ND	7	22	1	3	2	37	.39	.019	15	38	.59	48	.15	10	1.50	.03	.12	1	1
87-RTS-338	1	13	16	68	.1	26	7	320	2.47	2	5	ND	7	25	1	3	2	44	.44	.023	16	45	.75	55	.18	6	1.76	.03	.15	1	1
87-RTS-339	1	12	8	85	.1	26	8	403	2.57	2	5	ND	8	27	1	3	2	44	.48	.029	16	50	.76	66	.18	8	1.86	.03	.17	1	1
87-RTS-340	1	9	11	81	.1	21	6	386	2.21	2	5	ND	6	25	1	3	2	39	.41	.024	15	40	.59	57	.15	3	1.63	.03	.10	1	1
STD C/AU-S	18	61	42	130	7.2	69	27	1051	4.12	37	22	7	40	50	18	18	19	59	.46	.087	38	60	.85	177	.08	33	1.76	.06	.13	12	47

GML MINERALS

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-RIS-341	1	14	8	62	.1	23	8	319	2.47	5	5	ND	9	26	2	7	2	46	.51	.026	14	46	.75	57	.19	8	1.58	.04	.17	1	1
87-RIS-342 P	1	33	17	97	.4	34	11	341	3.29	4	5	ND	14	32	1	2	2	47	1.01	.047	30	58	.92	130	.16	8	2.85	.04	.24	1	1
87-RIS-343 P	1	26	8	34	.2	10	2	108	.55	3	5	ND	6	57	1	2	2	12	3.49	.087	20	13	.18	72	.02	10	.85	.02	.04	2	1
87-RIS-344 P	1	31	11	90	.6	22	6	152	1.58	3	9	ND	9	47	1	2	2	27	2.05	.066	32	40	.51	105	.06	6	1.97	.02	.15	1	1
87-RIS-345	1	22	8	54	.7	28	9	304	2.76	4	5	ND	13	34	2	2	2	42	1.81	.036	29	48	1.06	96	.15	2	2.05	.05	.22	1	1
87-RIS-346	1	27	11	109	.1	33	12	541	3.14	5	5	ND	11	36	1	2	2	53	.95	.024	30	57	1.01	94	.19	5	2.43	.05	.26	1	2
87-RIS-347	1	11	9	83	.2	23	8	349	2.43	4	5	ND	9	27	2	2	2	44	.49	.023	16	45	.74	59	.18	2	1.70	.03	.16	1	1
87-RIS-348	1	17	6	80	.1	30	10	454	3.08	2	5	ND	12	28	1	3	2	52	.57	.027	16	54	.97	83	.22	2	2.34	.04	.26	1	1
87-RIS-349	1	12	12	83	.4	26	7	310	2.45	3	5	ND	9	27	2	2	3	44	.50	.025	17	46	.78	57	.19	4	1.83	.04	.20	1	1
87-RIS-350	1	16	13	75	.5	29	8	350	2.72	7	5	ND	9	27	1	2	2	47	.46	.024	15	54	.87	78	.19	2	2.18	.04	.24	1	1
87-RIS-351	1	16	10	68	.4	28	8	371	2.73	5	5	ND	10	27	2	3	2	48	.49	.021	16	52	.86	71	.20	3	2.11	.04	.22	1	1
87-RIS-352	1	6	3	38	.1	11	4	177	1.45	8	5	ND	4	12	1	2	2	28	.24	.033	8	21	.31	29	.10	3	.95	.02	.04	1	1
87-RIS-353	1	15	2	19	.2	13	4	87	1.36	6	5	ND	4	9	1	2	2	23	.20	.033	9	18	.24	27	.08	2	1.17	.02	.02	1	1
87-RIS-354	1	5	2	13	.1	3	1	138	.46	3	5	ND	4	10	3	2	2	15	.18	.009	9	9	.12	45	.07	2	.49	.01	.03	2	13
87-RIS-355	1	10	9	29	.1	11	4	86	1.35	5	5	ND	7	9	1	3	2	26	.18	.024	11	21	.26	29	.09	6	1.14	.01	.04	1	1
87-RIS-356 P	1	16	13	42	.1	19	7	333	1.62	6	5	ND	2	10	3	2	3	28	.16	.042	6	44	.63	37	.02	8	1.09	.02	.05	1	1
87-RIS-357	1	6	6	22	.1	8	3	82	.84	3	5	ND	6	11	1	2	2	17	.21	.017	10	15	.24	19	.08	9	.68	.02	.04	1	1
87-RIS-358	1	24	10	64	.1	31	10	597	3.11	2	6	ND	11	28	1	2	2	52	.79	.034	19	57	.93	113	.18	6	2.58	.04	.23	1	1
87-RIS-359	1	7	3	41	.2	13	4	148	1.35	2	5	ND	5	16	3	2	2	27	.28	.012	12	24	.41	24	.12	2	.94	.02	.07	1	1
STD C/AU-S	18	59	41	132	7.3	70	28	1037	3.99	40	21	8	41	50	20	19	20	60	.47	.088	39	59	.84	177	.08	38	1.81	.06	.14	13	53
87-RIS-360	1	9	3	64	.1	17	5	203	1.97	7	5	ND	7	22	1	2	2	38	.35	.020	13	33	.53	47	.15	2	1.49	.03	.07	1	13
87-RIS-361	1	9	10	47	.2	16	5	191	1.80	9	5	ND	7	18	2	2	2	34	.28	.015	13	32	.44	43	.13	3	1.45	.02	.06	1	1
87-RIS-362	1	13	6	53	.1	13	4	117	1.50	8	5	ND	4	12	3	2	2	31	.19	.026	10	23	.35	23	.09	11	1.09	.02	.05	1	2
87-RIS-363 P	1	43	5	63	.4	32	11	447	3.04	14	5	ND	10	39	1	2	2	43	1.56	.035	33	50	.85	117	.13	4	2.15	.04	.27	1	1
87-RIS-364 P	1	28	13	54	.1	21	5	281	1.83	8	5	ND	6	53	1	2	2	19	2.07	.106	29	39	.39	122	.05	5	2.32	.02	.15	1	1
87-RIS-365 P	1	34	2	61	.2	23	5	304	1.46	6	5	ND	7	54	1	4	2	28	2.15	.070	42	32	.43	125	.05	14	1.84	.03	.13	1	1
87-RIS-366	1	29	10	56	.3	27	9	351	2.60	7	5	ND	10	28	2	2	2	46	.74	.042	23	48	.76	94	.14	6	2.05	.03	.17	1	2
87-RIS-367	1	34	7	56	.3	30	9	368	2.89	10	5	ND	12	37	1	2	2	45	2.16	.043	30	55	1.14	106	.15	9	2.10	.05	.20	2	4
87-RIS-368	1	29	17	57	.1	30	9	358	2.93	4	5	ND	11	31	1	2	3	50	.88	.040	29	53	.92	100	.17	6	2.14	.05	.20	1	1
87-RIS-369	1	31	15	62	.1	28	10	519	2.80	12	5	ND	8	28	1	4	2	45	.77	.020	24	49	.78	108	.14	2	2.35	.03	.18	1	12
87-RIS-370	1	36	7	62	.1	32	9	378	2.91	4	5	ND	11	26	3	2	2	43	.68	.030	34	49	.83	105	.14	3	2.56	.03	.20	1	1
87-RIS-371	1	23	11	48	.3	21	7	317	2.08	3	5	ND	8	17	1	2	2	35	.35	.021	20	33	.53	56	.11	2	1.57	.02	.11	1	1
87-RIS-372	1	24	12	57	.1	27	9	395	2.52	8	5	ND	8	21	1	2	2	39	.48	.026	19	44	.71	76	.13	3	1.99	.03	.15	1	1
87-RIS-373	1	27	9	52	.3	26	9	310	2.49	2	5	ND	8	24	1	2	2	36	.51	.030	23	48	.77	79	.14	3	1.90	.04	.17	1	1
87-RIS-374	1	22	6	69	.3	30	10	333	2.91	4	5	ND	12	28	4	2	2	46	.58	.027	20	52	.93	74	.18	6	2.23	.04	.24	1	1
87-RIS-375	1	28	9	88	.2	37	12	481	3.45	6	5	ND	10	28	2	2	2	51	.71	.035	23	63	1.06	111	.18	8	2.82	.04	.34	1	1
87-RIS-376	1	10	4	35	.1	16	5	200	1.64	2	5	ND	7	16	1	2	2	30	.34	.017	14	30	.49	41	.12	2	1.15	.02	.10	1	1

GML MINERALS

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-RTS-377	1	11	2	39	.3	17	6	230	1.70	2	5	ND	4	16	1	2	2	29	.39	.020	16	34	.55	48	.11	2	1.35	.02	.09	1	1
87-RTS-379	1	11	4	45	.1	13	5	161	1.34	2	5	ND	3	14	2	4	2	25	.36	.013	13	27	.44	45	.10	2	1.01	.02	.08	1	2
87-RTS-380	1	13	4	50	.1	18	7	239	1.80	4	5	ND	4	17	2	2	2	31	.43	.021	15	34	.62	44	.13	2	1.35	.03	.13	1	1
87-RTS-381	1	12	2	53	.1	19	7	253	1.93	3	5	ND	4	19	1	2	2	32	.48	.021	15	38	.67	49	.13	2	1.49	.03	.13	1	1
87-RTS-382	1	15	3	54	.1	25	8	268	2.31	3	5	ND	5	21	3	2	2	38	.49	.018	15	44	.80	51	.16	2	1.81	.03	.19	1	2
87-RTS-383 P	1	24	4	82	.1	28	9	369	2.49	4	5	ND	5	43	1	2	2	35	1.61	.052	31	47	.87	120	.11	2	2.27	.04	.22	1	3
87-RTS-384	1	14	5	54	.3	22	7	222	2.15	4	5	ND	5	21	3	2	3	34	.44	.025	13	44	.73	67	.14	2	1.77	.03	.13	1	2
87-RTS-385	1	18	5	56	.5	21	8	293	2.17	5	5	ND	7	21	1	2	2	36	.46	.020	15	44	.73	53	.15	2	1.71	.03	.18	1	1
87-RTS-386	1	22	8	103	.4	29	11	645	2.86	8	5	ND	8	28	1	2	2	48	.60	.032	18	56	.99	100	.17	2	2.26	.04	.25	2	1
87-RTS-387	1	11	2	48	.4	18	6	208	1.94	3	5	ND	5	19	1	2	2	34	.43	.020	12	37	.62	40	.14	5	1.46	.03	.11	2	2
87-RTS-388	1	12	2	55	.1	21	8	322	2.19	2	5	ND	4	21	2	2	2	38	.46	.015	14	42	.71	57	.15	11	1.63	.03	.15	1	1
87-RTS-389	1	45	10	69	.3	36	10	463	3.26	6	5	ND	9	29	1	2	2	44	1.03	.031	38	54	.88	140	.12	2	3.34	.03	.25	1	1
87-RTS-390	1	24	6	63	.3	27	9	422	2.61	5	5	ND	8	24	2	2	2	41	.74	.032	25	48	.85	80	.14	2	2.16	.03	.20	1	1
87-RTS-391	1	26	10	57	.2	27	9	367	2.47	7	5	ND	7	22	1	2	2	39	.73	.027	23	48	.79	81	.13	2	1.99	.03	.21	1	1
87-RTS-392	1	11	5	61	.1	24	8	384	2.29	8	5	ND	5	22	1	3	2	40	.49	.036	15	46	.77	55	.16	2	1.77	.03	.17	1	2
87-RTS-393	1	7	6	38	.1	15	5	183	1.50	2	5	ND	4	14	1	2	2	28	.33	.027	12	32	.48	28	.12	2	1.02	.02	.08	1	1
87-RTS-394	1	17	7	93	.1	28	10	502	2.81	6	5	ND	8	26	1	2	2	48	.52	.029	18	57	.94	78	.20	9	2.24	.04	.24	1	1
87-RTS-395	1	10	3	52	.2	16	5	220	1.59	2	5	ND	5	15	3	2	2	28	.31	.024	12	30	.51	45	.12	11	1.16	.02	.11	1	1
87-RTS-396	1	28	9	108	.4	37	13	580	3.45	11	5	ND	6	27	1	2	2	53	.59	.039	17	68	1.14	119	.18	5	3.11	.04	.35	1	1
87-RTS-397	1	44	9	124	.4	47	15	773	4.23	2	5	ND	8	30	2	2	2	62	.65	.036	24	77	1.33	160	.18	2	4.01	.03	.44	1	1
87-RTS-398	1	37	2	80	.2	41	12	472	3.67	5	5	ND	13	29	1	2	2	48	1.03	.041	34	68	1.25	151	.17	2	3.35	.05	.38	1	1
87-RTS-399 P	2	34	9	77	.2	34	11	590	3.02	11	5	ND	10	30	1	2	2	43	1.51	.052	30	57	1.05	132	.14	4	2.46	.05	.33	2	1
87-RTS-400	1	24	5	86	.4	30	10	369	2.85	8	5	ND	8	24	2	2	2	45	.71	.034	22	52	.94	108	.15	9	2.35	.04	.26	1	9
87-RTS-401	1	22	2	53	.1	25	8	301	2.37	2	5	ND	9	22	2	2	2	39	.55	.035	19	47	.81	72	.15	10	1.82	.04	.20	1	1
87-RTS-402	1	22	6	68	.1	28	9	358	2.70	7	5	ND	6	24	1	2	2	43	.63	.031	15	53	.92	76	.16	2	2.20	.04	.25	1	1
87-RTS-403	2	52	17	73	.5	38	11	477	3.49	5	5	ND	13	37	1	2	2	52	2.17	.039	33	69	1.44	137	.19	2	2.82	.06	.35	1	1
87-RTS-404	1	64	10	77	.7	38	10	479	3.36	2	5	ND	12	33	2	2	2	50	1.13	.032	38	56	1.04	149	.15	3	2.93	.05	.31	1	1
87-RTS-405 P	1	39	20	70	.4	32	10	525	3.11	8	5	ND	8	36	1	2	2	44	1.21	.038	35	58	.98	131	.13	2	2.77	.04	.28	1	1
87-RTS-406 P	2	32	5	48	.3	20	6	303	1.59	5	5	ND	3	57	1	2	2	30	3.43	.045	19	27	.54	101	.06	4	1.39	.02	.10	4	1
87-RTS-407 P	1	23	9	52	.1	25	8	394	2.40	2	5	ND	7	31	3	2	2	39	1.40	.035	22	46	.82	100	.12	5	1.88	.04	.21	1	1
87-RTS-408	1	23	11	40	.2	20	6	313	2.04	6	5	ND	6	25	1	2	2	34	1.04	.046	23	36	.63	73	.10	2	1.47	.04	.15	1	2
87-RTS-409	1	32	2	51	.4	27	9	344	2.65	7	5	ND	11	30	1	2	2	43	1.64	.043	29	48	1.09	96	.14	5	1.98	.05	.22	1	1
STD C/AU-S	18	58	39	128	7.1	67	28	1016	3.92	39	21	7	39	49	18	17	22	58	.48	.088	37	61	.88	175	.08	37	1.87	.06	.13	12	51

	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-STS-1012	1	6	8	21	.1	6	3	66	1.32	2	5	ND	1	12	1	2	2	41	.22	.011	6	12	.14	31	.07	2	.71	.01	.02	1	1
87-STS-1013	1	10	9	29	.2	8	3	87	1.78	2	5	ND	2	9	1	2	2	45	.14	.015	7	16	.18	43	.07	2	1.14	.01	.03	1	1
87-STS-1014	1	20	5	26	.1	15	5	106	2.07	4	5	ND	2	11	1	2	2	42	.18	.014	6	23	.26	31	.08	2	1.55	.01	.02	2	1
87-RTS-1015	1	13	14	48	.1	17	6	232	2.37	4	5	ND	1	11	1	2	2	57	.26	.019	11	39	.53	37	.09	2	1.63	.01	.03	1	1
87-RTS-1016	4	58	14	300	.2	50	39	4801	5.54	5	5	ND	2	13	1	2	2	89	.38	.040	10	68	.66	172	.09	3	2.81	.01	.06	1	1
87-RTS-1017	1	32	6	65	.1	26	15	346	2.29	3	5	ND	2	13	1	2	2	33	.27	.022	11	35	.50	39	.08	3	1.84	.01	.04	1	1
87-RTS-1018	4	25	16	72	.1	46	16	280	4.79	12	5	ND	1	7	1	2	3	127	.10	.037	6	113	1.49	22	.01	2	2.74	.01	.03	1	220
87-RTS-1019	2	54	6	50	.1	31	10	200	3.05	10	5	ND	2	11	1	2	2	52	.24	.021	8	47	.59	44	.11	2	1.88	.01	.04	1	8
87-RTS-1020	1	25	14	109	.1	21	9	274	3.55	9	5	ND	2	12	1	2	2	57	.22	.078	10	46	.55	54	.09	3	2.04	.01	.06	1	1
87-RTS-1021	1	12	7	50	.1	18	7	193	1.82	3	5	ND	2	20	1	2	2	33	.28	.012	12	34	.49	36	.10	2	1.48	.02	.06	1	4
87-RTS-1022	1	30	12	60	.1	27	9	506	2.84	2	5	ND	3	31	1	2	2	46	1.17	.032	21	45	.60	91	.09	5	2.15	.02	.15	1	1
87-RTS-1023	1	21	13	87	.1	35	12	525	3.38	2	5	ND	9	32	1	2	2	53	.69	.026	21	64	1.02	91	.16	6	2.55	.04	.32	1	1
87-RTS-1024	1	3	10	30	.1	14	4	150	1.51	2	5	ND	3	16	1	2	2	27	.27	.014	10	26	.42	17	.09	2	1.01	.02	.05	2	1
87-RTS-1025	1	13	11	77	.1	28	10	418	2.93	2	5	ND	6	30	1	2	2	49	.53	.012	18	55	.85	59	.16	5	2.16	.04	.15	1	1
87-RTS-1026	1	82	14	70	.6	43	10	708	3.01	3	5	ND	6	39	1	2	2	40	1.99	.040	25	57	.71	130	.10	6	3.34	.03	.13	1	1
87-RTS-1027	5	43	24	106	.1	41	20	475	4.09	7	5	ND	4	26	1	2	2	54	.40	.031	14	52	.53	134	.08	4	4.10	.02	.09	1	3
87-RTS-1028	2	9	8	35	.1	18	5	168	1.70	2	5	ND	2	17	1	2	2	31	.28	.010	10	33	.51	27	.10	2	1.39	.01	.02	1	6
87-RTS-1029	2	38	6	47	.1	26	9	190	3.06	11	5	ND	3	14	1	2	2	51	.25	.023	9	42	.48	41	.09	3	2.17	.01	.05	1	1
87-RTS-1030	1	105	4	61	.2	46	13	245	3.05	9	5	ND	4	14	1	2	2	43	.24	.036	10	45	.57	53	.10	3	2.83	.01	.04	2	1
87-RTS-1031	2	22	12	49	.1	19	6	176	2.90	10	5	ND	2	11	1	2	2	75	.23	.033	9	39	.40	52	.12	3	1.71	.01	.04	1	1
STD C/AU-S	20	60	38	126	7.5	71	29	1074	4.13	38	17	8	41	55	18	18	20	60	.47	.092	41	62	.87	177	.07	39	1.95	.07	.15	13	48
87-RTS-1032	1	45	10	75	.1	32	11	223	3.52	14	5	ND	3	12	1	2	2	53	.19	.035	9	43	.45	54	.11	3	2.98	.01	.05	1	1
87-RTS-1033	1	18	11	123	.1	32	10	514	3.15	2	5	ND	8	32	1	2	2	52	.54	.021	23	61	.91	84	.17	4	2.29	.03	.28	1	1
87-RTS-1034	1	14	10	103	.1	28	10	499	2.91	2	5	ND	6	29	1	2	2	49	.52	.020	17	54	.82	92	.15	10	2.08	.03	.20	1	1
87-RTS-1035	1	26	10	68	.1	30	10	374	2.77	2	5	ND	4	26	1	2	2	38	.61	.035	15	55	.78	90	.11	4	2.36	.03	.19	1	1
87-RTS-1036	1	24	9	83	.2	34	10	383	2.97	2	5	ND	6	26	1	2	2	46	.48	.035	20	61	.97	91	.15	6	2.47	.03	.30	1	1
87-RTS-1037	1	9	12	74	.1	29	9	360	2.85	2	5	ND	6	30	1	2	2	47	.52	.030	17	54	.86	55	.17	4	1.99	.04	.20	1	1
87-RTS-1038	2	30	11	72	.1	32	11	468	2.98	3	5	ND	5	25	1	2	2	49	.57	.031	16	55	.76	79	.13	2	2.33	.03	.16	1	11
87-RTS-1039	11	198	16	62	.3	52	10	363	2.78	2	5	ND	5	31	1	2	2	37	1.65	.043	30	52	.58	104	.08	7	3.06	.02	.13	1	6
87-RTS-1040	2	50	16	173	.1	45	25	845	4.26	10	5	ND	3	19	1	2	2	69	.45	.074	12	78	.89	61	.09	7	2.28	.02	.12	1	1
87-RTS-1041	1	10	7	38	.1	12	5	188	1.68	4	5	ND	3	8	1	2	2	28	.14	.018	9	21	.28	19	.08	4	.79	.01	.02	1	1
87-RTS-1042	1	41	16	71	.1	33	9	341	2.63	2	5	ND	7	37	1	2	2	38	1.38	.036	29	50	.77	97	.10	10	2.30	.04	.18	1	5
87-RTS-1043	1	29	9	66	.2	32	10	391	2.90	2	5	ND	6	26	1	2	2	47	.62	.027	19	52	.75	77	.13	7	2.25	.03	.15	1	15
87-RTS-1044	1	22	6	46	.1	26	8	317	2.23	2	5	ND	6	26	1	2	2	37	.51	.021	15	42	.67	58	.12	8	1.78	.03	.10	1	1
87-RTS-1045	4	58	31	167	5.5	43	16	402	4.94	7	5	ND	2	12	1	2	5	82	.23	.074	8	67	1.11	63	.10	6	2.50	.01	.06	3	1205
87-RTS-1046	1	2	2	12	.1	2	1	23	.33	3	5	ND	1	3	1	2	2	6	.03	.008	7	2	.03	18	.01	3	.56	.01	.03	3	31
87-RTS-1047	3	10	6	18	.1	12	3	74	1.11	2	5	ND	3	9	1	3	2	21	.10	.010	10	17	.21	23	.04	2	1.11	.01	.02	2	6

	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-RTS-1048	4	32	15	51	.2	23	7	132	2.42	10	5	ND	2	9	1	2	2	52	.08	.018	11	40	.63	62	.05	5	2.06	.01	.06	1	1
87-RTS-1049	1	25	5	24	.1	18	6	185	1.62	2	5	ND	4	18	1	2	2	26	.43	.035	24	27	.39	56	.08	3	1.29	.02	.05	1	1
87-RTS-1050	1	13	2	22	.1	12	5	120	1.38	2	5	ND	4	17	1	2	2	22	.38	.040	15	26	.32	51	.06	6	1.22	.02	.05	1	33
87-RTS-1051	1	10	2	10	.1	6	3	88	.79	2	5	ND	4	9	1	2	2	15	.23	.020	12	13	.18	15	.06	2	.55	.01	.02	1	11
87-RTS-1052	1	8	2	12	.1	7	3	65	1.15	2	5	ND	3	7	1	2	2	22	.11	.010	9	16	.17	24	.07	4	1.15	.01	.02	1	17
87-RTS-1053	1	21	7	28	.1	5	2	73	1.52	3	5	ND	1	7	1	2	2	32	.09	.027	11	21	.13	32	.05	2	1.17	.01	.03	1	3
87-RTS-1054	1	100	6	52	.1	33	13	320	3.26	13	5	ND	5	10	1	2	2	48	.16	.086	12	43	.56	26	.10	7	1.45	.01	.05	1	6
87-RTS-1055	1	7	4	11	.1	6	2	54	.76	2	5	ND	2	6	1	2	2	20	.09	.008	7	12	.14	14	.07	2	.56	.01	.02	1	1
87-RTS-1056	1	10	5	11	.1	8	3	68	1.00	3	5	ND	4	7	1	2	2	17	.12	.015	11	14	.17	16	.06	2	.84	.01	.02	1	3
87-RTS-1057	1	32	11	46	.1	9	4	119	2.70	4	5	ND	4	10	1	2	2	48	.15	.028	11	33	.22	59	.05	6	2.15	.01	.03	2	1
87-RTS-1058	1	17	6	42	.1	11	5	148	2.69	2	5	ND	3	11	1	2	2	59	.18	.020	10	29	.30	34	.09	2	1.50	.01	.04	2	4
87-RTS-1059	1	20	11	57	.1	5	3	87	1.40	2	5	ND	2	7	1	2	2	33	.08	.015	12	21	.20	40	.05	3	1.26	.01	.04	1	1
87-RTS-1060	1	30	10	46	.1	24	8	306	2.39	2	5	ND	6	22	1	2	2	40	.75	.025	20	42	.59	66	.11	4	1.82	.03	.13	2	12
87-RTS-1061	1	22	7	30	.1	17	6	171	1.74	3	5	ND	7	19	1	2	2	30	.70	.046	21	31	.46	42	.09	5	1.11	.03	.08	1	15
87-RTS-1062	1	34	9	64	.1	27	9	300	2.53	2	5	ND	6	28	1	2	2	40	.79	.034	32	51	.68	82	.11	6	2.40	.03	.11	1	3
87-RTS-1063	1	14	5	17	.1	7	3	80	1.12	4	5	ND	2	8	1	2	2	23	.14	.015	8	17	.18	22	.06	3	.90	.01	.02	1	3
87-RTS-1064	1	33	6	45	.1	17	8	146	1.77	2	5	ND	3	12	1	2	2	31	.17	.013	11	28	.39	43	.09	3	1.78	.01	.05	2	1
87-RTS-1065	2	53	11	56	.1	28	15	203	1.98	7	5	ND	2	15	1	2	2	33	.40	.018	10	34	.46	42	.08	3	1.77	.01	.04	1	5
87-RTS-1066	1	29	4	51	.1	25	10	392	2.34	2	5	ND	6	25	1	2	2	40	.43	.011	16	47	.71	57	.13	5	1.86	.03	.09	1	1
87-RTS-1067	1	17	6	57	.1	22	8	365	2.22	2	5	ND	5	24	1	2	2	39	.40	.009	16	41	.69	51	.14	2	1.64	.03	.10	1	2
87-RTS-1068	1	12	7	60	.1	12	5	159	1.37	3	5	ND	3	16	1	2	2	28	.26	.011	12	28	.40	27	.09	4	1.17	.02	.06	1	1
87-RTS-1069	1	33	10	65	.1	30	11	393	2.80	2	5	ND	8	28	1	2	2	45	.96	.020	27	51	.79	102	.13	4	2.32	.03	.19	1	1
87-RTS-1070	1	36	9	83	.1	36	12	524	3.48	2	5	ND	11	34	1	2	2	50	1.05	.045	35	63	1.01	135	.15	11	2.63	.06	.32	1	2
87-RTS-1071	1	42	11	76	.1	38	13	467	3.60	2	5	ND	11	34	1	2	2	55	1.03	.049	36	64	1.04	143	.15	11	2.61	.06	.31	1	1
87-RTS-1072	1	38	6	102	.2	28	7	311	2.21	3	5	ND	4	45	1	2	2	28	1.88	.114	37	57	.60	147	.07	6	2.95	.03	.22	1	1
87-RTS-1073	1	43	16	118	.2	56	22	888	4.93	2	5	ND	14	42	1	2	2	72	1.07	.027	37	93	1.40	214	.21	11	4.28	.05	.57	1	1
87-RTS-1074	1	30	14	133	.2	38	13	398	3.63	2	5	ND	10	37	1	2	2	49	1.14	.068	32	72	1.06	143	.15	7	3.27	.04	.36	1	2
87-RTS-1075	1	41	15	107	.1	46	19	858	4.50	6	5	ND	11	40	1	2	2	63	1.12	.056	36	81	1.22	168	.17	12	3.35	.05	.43	1	2
87-STS-995	1	19	5	47	.1	23	7	258	1.99	2	5	ND	4	19	1	2	2	34	.36	.016	13	36	.69	45	.12	7	1.50	.03	.11	1	1
87-STS-996	1	30	8	76	.2	36	16	740	3.02	5	5	ND	5	27	1	2	2	46	.46	.027	17	62	1.00	111	.15	12	2.75	.03	.24	1	1
87-STS-997	1	22	5	45	.1	19	7	241	1.56	2	5	ND	4	16	1	2	2	26	.32	.018	13	29	.49	37	.09	6	1.24	.02	.05	1	6
87-STS-998	1	43	9	77	.1	22	9	205	3.69	20	5	ND	4	11	1	2	2	54	.21	.083	9	40	.51	40	.09	2	2.05	.01	.05	1	1
87-STS-999	1	72	8	81	.1	47	17	294	3.58	16	5	ND	3	13	1	2	2	42	.31	.055	11	43	.63	42	.09	6	2.21	.01	.04	1	14
87-STS-1000	1	49	17	79	.3	18	10	591	3.08	17	5	ND	2	10	1	2	2	67	.22	.041	13	36	.45	94	.06	3	2.18	.01	.04	1	4
87-STS-1001	8	97	13	95	.2	55	24	637	6.44	12	5	ND	2	12	1	2	2	135	.30	.014	5	140	2.46	46	.23	2	3.90	.01	.04	3	1
87-STS-1002	1	110	23	22	.3	17	4	88	1.18	2	5	ND	1	10	1	2	2	31	.16	.077	17	34	.29	116	.01	2	1.85	.01	.04	1	1
87-STS-1003	1	17	13	52	.1	14	5	183	1.63	3	5	ND	2	15	1	2	3	33	.24	.016	10	29	.47	48	.05	3	1.45	.01	.04	1	5
87-STS-1004	1	32	8	103	.1	16	8	284	2.67	5	5	ND	2	14	1	2	2	56	.33	.033	10	35	.54	60	.07	5	1.66	.01	.06	1	10
87-STS-1005	1	18	6	39	.1	13	5	176	1.52	2	5	ND	4	14	1	2	2	28	.29	.016	12	25	.46	23	.09	5	1.13	.02	.04	1	3
87-STS-1006	1	28	4	49	.2	27	9	362	2.26	2	5	ND	5	25	1	2	2	37	.73	.029	26	41	.75	62	.11	6	1.67	.03	.12	1	5
87-STS-1007	1	35	17	93	.1	40	14	641	3.53	2	5	ND	8	34	1	2	2	59	.69	.028	31	67	1.12	108	.18	8	2.71	.04	.29	1	2
87-STS-1008	1	19	6	43	.1	18	7	275	1.58	2	5	ND	4	18	1	2	3	29	.39	.014	13	28	.47	33	.09	8	1.27	.02	.05	1	5
87-STS-1009	1	25	8	48	.1	20	6	324	1.74	6	5	ND	3	13	1	2	2	34	.31	.015	8	28	.45	36	.08	3	1.11	.01	.04	1	6
87-STS-1010	1	18	8	29	.1	11	5	107	2.34	4	5	ND	4	10	1	2	2	34	.13	.020	8	24	.25	39	.10	5	1.16	.01	.03	1	5

APPENDIX IV

SANDYBEACH GRID HUMUS GEOCHEMICAL ANALYSES

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 HUMUS P3-10 SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.
HUMUS - PULVERIZED SOILS - BOMBSH

DATE RECEIVED: SEPT 1 1987 DATE REPORT MAILED: ASSAYER. D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER

GML MINERALS CONSULTING

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-SDS-102	3	203	66	129	.3	86	253	9969	2.10	14	5	ND	3	31	2	2	4	25	1.11	.132	30	25	.36	184	.02	2	2.19	.01	.08	1	1
87-SDS-103	1	55	53	88	.4	39	15	1015	1.69	16	5	ND	4	18	2	2	2	27	.69	.054	8	33	.44	211	.02	2	1.19	.01	.06	1	2
87-SDS-104	1	26	43	47	.1	16	3	112	.58	7	5	ND	1	17	1	2	2	11	.41	.049	6	7	.09	120	.02	2	.54	.01	.07	1	1
87-SDS-105	1	11	46	74	.1	6	2	180	.68	8	5	ND	1	15	1	2	2	15	.38	.071	4	5	.10	79	.01	5	.52	.01	.08	1	1
87-SDS-106	1	34	61	90	.4	14	4	406	4.49	12	5	ND	2	14	1	2	4	36	.46	.080	5	25	.20	114	.04	4	.77	.01	.10	1	1
87-SDS-107	1	51	35	56	.4	19	9	113	1.20	6	5	ND	2	28	1	2	2	21	.46	.047	10	10	.13	194	.02	2	.83	.01	.04	1	1
87-SDS-108	1	13	50	33	.1	9	3	98	.87	10	5	ND	2	15	1	2	2	16	.51	.065	4	11	.16	55	.02	3	.69	.01	.07	1	1
87-SDS-109	1	25	59	77	.4	22	5	127	1.57	7	5	ND	2	13	1	2	3	32	.31	.076	7	27	.25	107	.03	4	1.17	.01	.06	1	1
87-SDS-110	1	85	35	26	.1	30	8	27	.71	8	5	ND	1	14	1	2	2	12	.30	.048	9	8	.08	56	.02	2	.86	.01	.04	1	2
87-SDS-111	1	18	30	24	.1	15	3	50	1.09	7	5	ND	1	14	1	2	2	26	.10	.030	5	14	.16	78	.04	2	.89	.01	.03	4	1
87-SDS-112	1	55	36	23	.1	25	6	22	.54	8	5	ND	1	24	1	2	2	7	.33	.078	15	5	.07	125	.01	3	.82	.01	.05	1	1
87-SDS-113	2	146	38	71	.6	49	39	4507	1.93	12	5	ND	4	27	1	2	2	20	1.04	.163	32	25	.26	96	.01	3	2.83	.01	.07	1	12
87-SDS-114	1	83	58	92	.5	43	21	4714	1.76	9	5	ND	3	29	1	2	2	24	1.05	.117	25	24	.31	166	.02	2	1.85	.01	.10	1	1
87-SDS-115	1	17	53	82	.1	13	4	1280	.78	7	5	ND	2	68	1	2	2	10	1.76	.112	22	10	.26	121	.02	5	.88	.01	.13	1	2
87-SDS-116	1	13	32	43	1.0	5	2	107	.78	8	5	ND	3	28	1	2	2	10	.53	.089	8	8	.12	38	.02	2	.59	.01	.11	1	1
87-SDS-117	1	25	40	31	.6	6	3	183	.77	7	5	ND	2	30	1	2	2	12	.63	.084	11	8	.14	40	.02	4	.60	.01	.11	1	3
87-SDS-118	2	26	75	274	.3	9	8	4627	.94	8	5	ND	1	34	2	2	2	19	1.19	.143	7	8	.20	188	.01	6	.69	.01	.14	1	1
87-SDS-119	1	9	47	143	.1	6	3	1824	.78	10	5	ND	1	19	1	2	2	14	.94	.081	4	8	.19	85	.02	2	.48	.01	.09	1	1
87-SDS-120	1	11	93	129	.1	10	4	3684	.87	12	5	ND	3	32	1	2	2	13	1.21	.085	7	6	.18	148	.01	8	.68	.01	.11	1	1
87-SDS-121	1	17	60	132	.1	7	4	2636	1.18	11	5	ND	2	21	1	2	2	25	.83	.078	6	9	.20	172	.02	2	.78	.01	.10	1	1
87-SDS-122	1	24	75	128	.3	7	2	572	.66	8	5	ND	2	18	1	2	2	10	.60	.103	6	5	.10	161	.01	2	.53	.01	.09	1	2
87-SDS-123	1	34	44	61	.2	12	5	1244	.84	8	5	ND	1	24	1	2	2	8	.95	.051	3	7	.24	103	.01	3	.35	.01	.06	1	49
87-SDS-124	1	40	84	158	.1	43	12	355	1.03	13	5	ND	2	36	2	2	2	16	.85	.090	8	13	.20	411	.02	4	.78	.01	.15	1	4
87-SDS-125	2	31	45	49	.2	21	7	190	2.32	11	5	ND	2	11	1	5	2	39	.28	.045	7	27	.43	71	.06	2	1.39	.01	.07	1	1
87-SDS-126	1	26	35	81	.2	17	6	43	.49	8	5	ND	2	25	1	2	2	7	.66	.075	7	5	.10	99	.01	2	.59	.01	.06	1	1
87-SDS-127	1	14	41	73	.1	17	6	1088	1.82	9	5	ND	5	28	1	2	2	31	.95	.031	6	22	.25	228	.05	2	1.25	.01	.10	1	2
87-SDS-128	1	9	25	17	.1	13	2	123	.40	8	5	ND	1	31	1	2	2	8	.55	.042	3	7	.07	121	.01	15	.37	.01	.05	1	1
87-SDS-129	1	14	35	66	.1	9	2	395	.95	10	5	ND	2	16	1	2	2	17	.58	.050	4	11	.15	108	.03	4	.77	.01	.07	1	2
87-SDS-130	1	15	44	36	.1	8	4	101	1.63	6	5	ND	2	10	1	2	3	31	.20	.042	6	6	.15	91	.04	2	.79	.02	.04	1	1
87-SDS-131	1	9	31	40	.1	7	2	197	.59	10	5	ND	1	16	1	2	2	12	.48	.041	4	5	.08	95	.02	2	.47	.01	.05	1	1
87-SDS-132	1	13	40	49	.1	6	2	147	.57	9	5	ND	1	14	1	2	2	11	.47	.048	5	7	.14	92	.02	3	.55	.01	.05	1	1
87-SDS-133	1	13	51	60	.1	7	2	172	.52	10	5	ND	1	18	1	2	2	10	.51	.062	5	6	.08	92	.01	6	.54	.01	.06	1	1
STD C/AU-S	19	58	39	126	7.1	69	28	1067	3.78	40	17	8	41	50	18	18	22	58	.50	.090	40	61	.90	173	.08	34	1.90	.06	.13	13	47
87-SDS-134	1	54	39	56	.1	32	12	629	1.84	11	5	ND	3	23	1	2	2	27	.97	.059	5	25	.40	90	.05	2	.89	.01	.07	1	92
87-SDS-135	1	23	44	55	.1	16	6	503	1.39	11	5	ND	2	22	1	2	2	22	.87	.048	6	18	.37	127	.03	3	.83	.01	.09	1	2
87-SDS-136	1	79	41	91	1.1	46	22	2032	2.99	11	5	5	3	34	1	2	2	38	1.57	.055	7	37	.77	161	.02	3	1.49	.01	.09	1	3729
87-SDS-137	1	12	58	106	.2	13	4	712	.87	9	5	ND	2	37	1	2	2	12	.80	.084	5	12	.25	134	.01	7	.58	.01	.09	1	8

GML MINERALS CONSULTING FILE # 87-3822

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-SDS-138	1	8	32	60	.1	16	4	1108	1.06	7	5	ND	3	18	1	2	2	16	.57	.058	5	13	.25	65	.02	6	.57	.01	.09	1	2
87-SDS-139	1	7	44	63	.4	6	3	818	.73	7	5	ND	1	25	1	2	2	12	.43	.056	6	8	.14	91	.01	6	.41	.01	.10	1	1
87-SDS-140	1	9	47	58	.1	9	2	285	.90	8	5	ND	1	31	1	2	2	13	.59	.082	5	8	.16	105	.01	5	.58	.01	.13	2	1
87-SDS-141	1	9	40	78	.3	8	3	622	.73	9	5	ND	3	37	1	2	2	9	.86	.080	5	10	.21	119	.01	8	.53	.01	.11	1	1
87-SDS-142	1	17	31	82	.1	13	5	495	1.56	11	5	ND	1	18	1	2	2	26	.59	.068	5	15	.30	73	.04	5	.86	.01	.08	1	1
87-SDS-143	1	9	52	126	.2	7	3	1246	.81	8	5	ND	2	35	1	2	2	13	.75	.078	5	8	.18	183	.01	7	.49	.01	.10	1	1
87-SDS-144	1	79	43	58	.2	42	19	1524	2.60	10	5	ND	2	45	1	2	2	16	1.63	.069	4	23	.45	91	.01	5	.82	.01	.10	1	91
87-SDS-145	1	70	26	36	.2	21	8	107	1.81	10	5	ND	2	21	1	2	2	23	.35	.033	8	13	.19	147	.02	2	.90	.01	.05	1	5
87-SDS-146	1	18	33	56	.1	15	4	260	1.20	9	5	ND	1	13	1	2	2	23	.35	.038	7	16	.20	86	.03	5	.73	.01	.06	1	1
87-SDS-147	1	14	54	39	.1	14	3	67	.97	12	5	ND	1	12	1	2	2	17	.25	.065	6	13	.17	77	.02	6	.77	.01	.06	1	1
87-SDS-148	2	20	49	52	.3	16	4	201	1.40	11	6	ND	2	12	1	3	2	30	.30	.050	6	21	.33	79	.05	8	.91	.01	.08	1	1
87-SDS-149	2	21	43	60	.1	14	5	133	1.42	11	5	ND	3	11	1	2	2	25	.23	.051	6	15	.22	54	.04	8	.99	.01	.08	1	1
87-SDS-150	2	27	55	72	.1	19	13	1031	.90	9	5	ND	1	32	1	2	2	15	.83	.082	10	8	.16	153	.01	8	.88	.01	.08	2	1
87-SDS-151	2	19	30	49	.1	11	4	123	.75	12	5	ND	1	21	1	2	2	14	.67	.059	6	8	.11	118	.02	5	.67	.01	.06	2	1
87-SDS-152	1	20	28	44	.1	16	7	215	1.10	10	5	ND	2	26	1	2	2	26	.42	.035	5	13	.16	116	.04	4	.74	.01	.05	2	3
87-SDS-153	1	18	31	60	.1	12	3	240	1.30	10	5	ND	1	12	1	2	2	25	.38	.046	4	11	.20	46	.04	7	.81	.01	.06	1	1
87-SDS-154	1	9	25	40	.1	10	3	111	.95	11	5	ND	1	15	1	2	2	18	.42	.046	4	10	.13	91	.03	7	.65	.02	.07	2	1
87-SDS-155	1	24	57	96	.1	16	9	1974	1.84	9	5	ND	1	38	1	2	2	26	1.53	.064	6	21	.45	156	.03	10	.87	.01	.10	1	44
87-SDS-156	2	48	182	89	.1	20	12	1692	1.82	8	5	ND	1	42	1	2	2	16	1.72	.068	13	17	.40	99	.02	8	.88	.01	.07	2	50
87-SDS-157	1	36	34	63	.3	16	7	1300	1.46	9	5	ND	3	35	1	2	3	14	1.55	.048	6	12	.40	94	.02	7	.57	.01	.07	2	3
87-SDS-158	1	9	38	85	.1	8	3	908	.83	10	5	ND	1	37	1	2	2	13	.90	.068	6	9	.20	145	.02	6	.56	.01	.09	1	1
87-SDS-159	2	9	57	81	.1	11	8	2601	1.11	10	5	ND	1	36	1	2	2	16	.68	.064	8	11	.21	239	.02	6	.71	.01	.08	1	1
87-SDS-160	3	10	62	196	.2	10	7	5225	.94	9	5	ND	2	84	1	2	2	13	1.45	.102	7	9	.31	419	.01	10	.67	.01	.13	1	3
87-SDS-161	2	10	45	73	.1	10	4	614	1.09	7	5	ND	1	42	1	2	2	16	.61	.058	8	15	.28	213	.02	6	.68	.01	.09	1	2
87-SDS-162	9	11	64	131	.6	9	4	2717	.83	6	5	ND	1	41	1	2	2	12	.74	.088	8	8	.22	213	.01	8	.58	.01	.13	1	1
87-SDS-163	2	10	53	87	.3	6	3	930	.64	6	5	ND	2	62	1	2	2	10	1.01	.094	6	6	.19	161	.01	7	.50	.01	.13	2	1
87-SDS-164	1	9	55	105	.1	8	3	1575	.39	4	5	ND	1	60	1	2	2	6	1.10	.113	3	2	.15	203	.01	9	.28	.01	.14	1	1
STD C/AU-S	19	59	38	131	7.2	68	28	1046	3.95	41	16	9	38	49	18	17	20	56	.48	.085	37	58	.88	175	.08	34	1.90	.06	.14	13	52

APPENDIX V

SANDYBEACH GRID SOIL GEOCHEMICAL ANALYSES

GML MINERALS CONSULTING FILE # 87-3822

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-SDS-00	2	27	26	117	.2	27	23	1004	6.15	10	5	ND	6	11	1	2	2	82	.11	.026	12	44	.45	141	.02	2	2.41	.01	.04	1	12
87-SDS-01	1	40	24	54	.1	7	9	322	1.88	6	5	ND	1	11	1	2	2	53	.15	.028	10	19	.22	82	.10	2	1.14	.01	.04	2	5
87-SDS-02	2	40	29	30	.2	7	4	105	1.93	4	5	ND	2	7	1	4	2	66	.11	.029	11	20	.21	53	.14	4	1.42	.01	.03	1	1
87-SDS-03	1	27	24	15	.3	4	2	61	.97	4	7	ND	3	5	1	2	2	35	.10	.017	12	13	.10	38	.09	3	.87	.01	.02	2	1
87-SDS-04	2	61	12	43	.3	22	8	140	3.42	2	5	ND	7	9	1	2	2	54	.14	.051	9	38	.39	32	.13	2	3.09	.01	.04	1	1
87-SDS-05	1	23	52	48	.1	7	2	54	.83	9	5	ND	1	11	1	2	2	17	.11	.061	6	12	.12	78	.02	7	.87	.01	.06	1	1
87-SDS-06	2	25	28	25	.1	8	4	71	2.23	8	5	ND	4	8	1	3	7	47	.11	.014	9	21	.19	35	.09	2	1.56	.01	.02	2	1
87-SDS-07	2	130	26	41	.2	9	6	107	3.81	7	5	ND	5	7	1	3	9	67	.11	.032	13	29	.23	81	.07	2	2.39	.01	.02	2	1
87-SDS-08	2	52	29	99	.3	17	10	375	5.17	6	5	ND	3	11	1	2	2	69	.16	.052	11	32	.36	115	.10	3	2.27	.01	.05	1	1
87-SDS-09	1	17	14	22	.2	9	3	67	1.05	4	5	ND	3	13	1	3	2	31	.18	.012	9	15	.18	31	.09	2	.96	.02	.02	1	1
87-SDS-10	1	71	20	78	.3	15	18	629	2.34	6	5	ND	3	20	1	2	2	50	.69	.029	13	23	.21	75	.06	4	1.63	.01	.05	1	1
87-SDS-16	1	37	21	65	.4	6	5	173	1.49	7	5	ND	2	15	1	2	2	40	.23	.027	8	21	.30	97	.10	8	.95	.01	.04	1	7
87-SDS-17	1	29	17	34	.1	12	5	236	1.28	5	5	ND	3	14	1	4	2	26	.25	.009	12	23	.35	56	.08	2	1.40	.01	.03	2	1
87-SDS-18	1	22	21	20	.1	12	3	68	.97	3	5	ND	3	11	1	2	2	28	.13	.009	10	15	.19	33	.09	6	1.00	.01	.02	1	1
87-SDS-19	1	91	27	50	.3	19	9	119	1.49	2	5	ND	4	9	1	2	2	34	.11	.012	12	21	.30	57	.09	3	1.99	.01	.03	2	1
87-SDS-20	1	150	23	50	.2	24	7	120	2.94	6	5	ND	6	9	1	2	4	44	.14	.034	10	30	.32	35	.12	2	1.92	.01	.03	1	1
87-SDS-21	2	44	25	47	.5	15	7	110	2.03	3	5	ND	5	10	1	5	2	52	.13	.017	11	22	.33	48	.09	2	1.59	.01	.04	1	1
87-SDS-22	1	21	21	44	.1	15	7	122	1.39	2	6	ND	4	13	1	3	2	35	.19	.005	12	22	.41	44	.13	3	1.55	.01	.04	2	1
87-SDS-23	1	44	23	94	.1	24	11	202	2.64	13	5	ND	3	11	1	2	2	60	.21	.014	11	32	.77	54	.13	6	2.24	.01	.04	1	1
87-SDS-24	1	21	19	27	.3	12	4	104	1.15	3	5	ND	4	10	1	4	2	27	.15	.007	10	16	.29	23	.10	2	1.05	.01	.02	1	2
87-SDS-25	1	16	16	38	.1	12	5	124	1.92	2	5	ND	3	8	1	2	2	49	.13	.009	7	23	.42	23	.14	4	1.28	.01	.04	1	1
87-SDS-41	1	22	16	26	.1	16	5	170	1.31	3	5	ND	5	25	1	2	2	22	.68	.027	15	26	.35	48	.09	2	1.16	.02	.06	1	1
87-SDS-42	1	11	7	15	.1	6	4	126	.98	2	5	ND	5	14	1	2	2	19	.29	.014	15	17	.24	23	.09	2	.70	.02	.02	2	1
87-SDS-43	1	36	19	24	.3	16	6	262	1.56	4	5	ND	5	23	1	2	2	26	.68	.018	22	25	.33	57	.09	2	1.28	.02	.04	1	1
87-SDS-44	1	52	17	29	.1	20	7	315	1.55	5	5	ND	3	26	1	2	2	25	.79	.033	22	29	.38	71	.07	2	1.72	.02	.02	1	1
87-SDS-45	1	32	30	49	.3	16	7	338	1.88	4	5	ND	1	21	1	2	2	42	.74	.034	11	29	.48	75	.13	6	1.36	.04	.04	1	1
87-SDS-46	1	13	34	41	.1	6	2	65	.76	6	5	ND	2	17	1	2	2	21	.23	.051	5	12	.10	90	.07	3	.62	.02	.04	2	1
87-SDS-47	2	92	23	64	.3	21	15	1561	2.24	7	5	ND	2	37	1	2	2	35	2.13	.090	21	28	.36	98	.05	2	1.80	.02	.05	1	1
87-SDS-48	1	23	17	31	.1	15	6	197	1.43	3	5	ND	4	20	1	2	2	27	.46	.011	13	26	.47	45	.12	2	1.27	.03	.03	2	1
87-SDS-49	1	18	15	23	.1	10	4	129	1.10	2	5	ND	4	17	1	2	2	21	.32	.025	12	19	.34	29	.10	11	.87	.02	.03	2	1
87-SDS-50	1	136	15	24	.1	18	4	138	1.26	4	5	ND	5	16	1	2	2	22	.43	.036	19	22	.32	23	.09	2	.85	.02	.03	1	1
87-SDS-51	1	22	15	19	.1	12	5	153	1.12	3	5	ND	4	15	1	2	2	21	.35	.007	11	20	.27	34	.09	3	1.01	.02	.03	2	1
87-SDS-52	1	38	18	22	.1	13	6	100	1.91	7	5	ND	4	10	1	3	2	37	.15	.017	9	21	.26	24	.11	7	1.30	.01	.02	2	3
87-SDS-53	1	12	21	54	.1	7	4	143	1.90	5	5	ND	5	10	1	2	2	38	.15	.023	11	19	.20	45	.10	4	1.06	.01	.03	1	1
87-SDS-54	2	19	25	78	.1	17	9	368	3.33	7	5	ND	5	11	1	2	2	53	.18	.067	11	28	.54	59	.13	2	2.14	.02	.06	2	1
87-SDS-55	2	58	26	85	.3	16	6	194	3.09	5	5	ND	8	10	1	2	2	68	.15	.087	13	34	.44	66	.14	2	2.57	.01	.07	1	1
STD C/AU-S	20	61	38	131	7.5	72	28	1070	3.94	39	18	8	40	52	19	17	20	60	.47	.092	40	63	.91	179	.09	37	1.82	.06	.13	13	52

GML MINERALS CONSULTING

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-SDS-56	2	46	28	112	.2	15	7	163	3.49	11	5	ND	5	8	1	2	2	53	.11	.134	12	27	.34	80	.08	6	2.51	.01	.09	1	1
87-SDS-57	1	32	17	43	.1	17	8	152	2.93	8	5	ND	5	8	1	2	2	50	.18	.097	9	29	.34	24	.11	2	1.69	.01	.04	1	1
87-SDS-58	1	1	2	4	.1	1	1	18	.37	2	5	ND	1	4	1	2	2	10	.04	.004	6	4	.02	11	.03	2	.20	.01	.01	1	2
87-SDS-59	1	1	2	7	.1	1	1	23	.56	2	5	ND	2	4	1	2	2	18	.07	.004	7	7	.04	6	.06	2	.18	.01	.01	1	1
87-SDS-60	1	34	21	25	.1	16	5	353	1.56	6	5	ND	3	30	1	2	2	28	1.26	.026	29	24	.30	71	.07	3	1.48	.02	.04	1	1
87-SDS-61	1	5	7	9	.1	4	3	64	.60	2	5	ND	4	7	1	2	4	13	.20	.007	9	8	.15	13	.06	2	.43	.01	.01	1	1
87-SDS-62	1	8	11	17	.1	10	3	121	1.02	2	5	ND	6	14	1	2	2	20	.54	.034	15	17	.25	31	.08	2	.68	.02	.04	1	1
87-SDS-63	1	41	12	43	.1	14	6	265	1.18	4	5	ND	3	30	1	2	2	17	1.53	.060	17	25	.32	67	.05	3	1.38	.02	.03	1	2
87-SDS-64	1	56	15	57	.2	18	7	306	1.73	5	5	ND	3	19	1	3	2	24	.88	.050	20	28	.35	78	.07	3	1.71	.02	.05	1	1
87-SDS-65	1	11	14	24	.1	9	5	194	1.22	2	5	ND	3	15	1	2	2	21	.61	.029	19	19	.28	44	.08	2	1.02	.02	.04	1	3
87-SDS-66	1	6	15	25	.1	9	6	114	1.08	2	5	ND	3	13	1	2	2	21	.34	.011	12	17	.27	37	.09	2	.88	.02	.03	1	1
87-SDS-67	1	16	14	27	.1	14	6	173	1.41	2	5	ND	5	19	1	3	2	27	.57	.025	16	24	.41	44	.12	2	1.09	.03	.04	1	1
87-SDS-68	1	26	12	26	.1	6	3	61	.90	6	5	ND	2	8	1	2	2	25	.14	.013	9	12	.16	39	.08	2	.88	.01	.03	2	2
87-SDS-69	1	11	12	12	.1	2	2	46	.86	4	5	ND	2	7	1	2	2	31	.10	.005	7	9	.12	27	.09	2	.68	.01	.02	1	1
87-SDS-70	1	13	39	33	.1	8	2	54	.43	5	5	ND	2	11	1	2	2	8	.24	.056	9	6	.05	54	.01	4	.46	.01	.08	1	1
87-SDS-71	1	38	15	27	.1	16	6	159	1.53	3	5	ND	4	21	1	2	2	25	.81	.032	31	24	.32	54	.08	2	1.33	.02	.05	1	1
87-SDS-72	1	57	13	13	.1	8	3	79	.93	2	5	ND	5	11	1	2	4	17	.32	.009	24	15	.18	22	.07	3	.73	.02	.02	1	2
87-SDS-73	1	45	4	10	.1	6	2	82	.72	2	5	ND	3	9	1	2	2	15	.22	.023	13	11	.17	12	.07	2	.46	.02	.01	1	1
87-SDS-74	1	4	5	7	.1	1	1	43	.38	2	5	ND	2	6	1	2	2	13	.08	.005	10	4	.04	21	.05	2	.30	.01	.01	1	1
87-SDS-75	1	12	8	20	.1	17	6	115	1.64	3	5	ND	3	9	1	2	2	28	.17	.021	8	22	.29	60	.10	4	1.52	.01	.03	1	1
87-SDS-76	1	4	2	9	.1	2	1	58	.70	2	5	ND	4	7	1	2	2	20	.11	.005	8	9	.08	17	.08	2	.36	.01	.02	2	1
87-SDS-77	1	16	18	72	.2	18	8	410	2.87	9	5	ND	5	10	1	4	2	47	.17	.120	10	28	.37	55	.11	7	2.24	.01	.06	1	1
87-SDS-78	1	8	13	35	.1	8	5	156	1.86	3	5	ND	4	8	1	2	4	43	.13	.041	9	19	.25	32	.12	2	1.05	.01	.04	1	1
87-SDS-79	1	1	5	8	.1	1	1	31	.68	2	5	ND	1	5	1	2	2	19	.06	.011	6	7	.06	11	.06	2	.35	.01	.01	1	1
87-SDS-80	1	4	8	19	.1	5	3	96	1.11	4	5	ND	2	6	1	2	2	23	.09	.038	7	11	.08	23	.06	2	.71	.01	.02	1	1
87-SDS-81	1	11	18	45	.1	18	7	274	1.80	5	5	ND	5	19	1	4	2	36	.48	.007	14	32	.53	52	.16	3	1.40	.03	.08	2	1
87-SDS-82	1	47	20	40	.3	17	5	188	1.42	6	5	ND	1	53	1	4	2	20	4.17	.047	30	22	.31	88	.05	10	1.44	.02	.08	1	1
87-SDS-83	1	59	15	39	.1	15	7	539	1.65	5	5	ND	3	39	1	2	2	26	1.96	.050	27	28	.35	84	.07	6	1.54	.03	.06	1	2
87-SDS-84	1	38	17	40	.1	15	5	213	1.23	5	5	ND	2	19	1	2	3	20	.89	.048	20	21	.29	63	.06	5	1.30	.02	.04	1	2
87-SDS-85	1	11	15	34	.1	12	5	226	1.43	2	5	ND	3	17	1	2	2	26	.70	.021	18	22	.36	54	.09	5	1.13	.03	.05	1	1
87-SDS-86	1	12	8	34	.1	13	6	237	1.51	5	5	ND	5	18	1	2	2	27	.58	.034	19	24	.40	49	.10	2	1.12	.03	.05	1	1
87-SDS-87	1	24	21	51	.2	21	8	353	1.87	4	5	ND	6	23	1	2	3	36	.72	.024	18	36	.56	68	.15	5	1.59	.04	.07	1	1
87-SDS-88	1	14	8	16	.1	8	4	92	.98	4	5	ND	4	11	1	2	2	20	.29	.017	13	17	.24	24	.08	2	.72	.02	.02	1	2
87-SDS-89	1	16	13	18	.1	12	4	94	.95	4	5	ND	2	10	1	2	2	19	.21	.017	12	15	.25	23	.09	4	.80	.02	.02	1	3
87-SDS-90	1	11	14	20	.1	12	4	95	1.06	3	5	ND	3	11	1	2	2	21	.18	.012	9	17	.28	24	.10	2	.91	.02	.02	1	2
87-SDS-91	1	12	10	10	.1	6	3	61	.68	2	5	ND	3	7	1	2	2	14	.19	.008	9	9	.16	13	.06	2	.46	.01	.01	1	1
87-SDS-92	1	25	46	115	.2	12	8	1302	1.54	11	5	ND	3	15	1	2	2	32	.49	.032	11	19	.27	116	.07	5	.99	.01	.06	1	1
STD C/AU-S	20	62	41	135	7.1	73	30	1035	3.97	42	20	8	38	48	20	18	23	62	.48	.089	41	60	.87	185	.09	38	1.86	.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
87-SDS-93	1	7	9	26	.1	7	2	64	.84	3	5	ND	2	8	1	2	5	19	.14	.007	7	12	.12	22	.07	2	.66	.01	.02	1	4
87-SDS-94	2	14	18	35	.1	11	4	95	1.47	7	5	ND	5	7	1	5	4	26	.14	.028	10	19	.20	31	.08	2	1.13	.01	.02	1	1
87-SDS-95	1	14	22	25	.1	11	3	136	1.41	6	5	ND	1	11	1	2	4	27	.20	.020	9	20	.20	27	.08	3	.85	.01	.04	1	1
87-SDS-96	1	7	14	15	.1	8	4	79	1.47	5	5	ND	4	10	1	2	4	27	.15	.018	9	15	.16	30	.09	2	1.13	.01	.02	1	2
87-SDS-97	1	7	13	22	.1	5	2	107	1.18	2	5	ND	2	11	1	2	2	26	.18	.018	9	14	.14	33	.09	2	.71	.01	.04	1	3
87-SDS-98	2	37	24	73	.3	18	9	373	2.77	7	5	ND	4	14	1	4	4	47	.24	.080	9	31	.47	49	.12	7	1.89	.01	.09	1	1
87-SDS-99	1	21	16	33	.2	19	8	151	2.05	10	5	ND	2	12	1	3	5	31	.21	.051	10	28	.37	56	.10	2	2.06	.01	.05	1	1
87-SDS-100	1	14	17	16	.1	10	3	73	1.07	2	5	ND	1	11	1	2	2	20	.15	.023	8	16	.16	31	.07	6	.97	.01	.02	1	1
87-SDS-165	1	24	11	23	.1	14	4	203	1.28	3	5	ND	5	20	1	2	2	21	2.19	.029	15	23	.40	38	.09	3	.88	.03	.04	1	2
87-SDS-166	1	97	23	62	.4	22	7	294	1.58	5	5	ND	5	28	1	3	2	27	1.34	.092	34	40	.40	82	.07	11	1.82	.02	.05	1	2
87-SDS-167	1	70	16	52	.1	15	6	268	1.49	5	5	ND	5	27	1	3	2	25	1.30	.064	30	32	.40	81	.07	2	1.65	.02	.05	1	1
87-SDS-168	1	22	17	31	.2	16	5	221	1.59	4	5	ND	7	21	1	3	2	27	.83	.040	22	32	.49	53	.11	16	1.14	.04	.08	1	1
87-SDS-169	1	17	8	20	.1	11	3	182	1.19	4	5	ND	6	27	1	2	2	21	2.69	.036	15	21	.58	33	.09	7	.72	.03	.05	1	2
87-SDS-170	1	15	21	26	.1	14	5	232	1.40	3	5	ND	6	21	1	2	3	24	1.19	.031	17	26	.46	47	.09	4	.99	.03	.06	1	7
87-SDS-171	1	17	19	23	.1	10	4	181	1.25	3	5	ND	6	19	1	3	2	22	.99	.036	16	22	.38	37	.09	2	.84	.03	.04	1	1
87-SDS-172	1	12	11	18	.1	10	4	136	.99	4	5	ND	6	14	1	2	2	19	.52	.022	14	18	.27	27	.08	2	.75	.02	.03	2	1
87-SDS-173	1	13	6	26	.1	15	5	191	1.33	2	5	ND	5	17	1	2	2	25	.43	.009	11	24	.38	35	.11	2	1.05	.02	.03	1	1
87-SDS-174	1	57	14	36	.1	21	9	136	1.48	4	5	ND	3	15	1	2	2	25	.41	.024	13	25	.38	58	.09	4	1.44	.02	.02	1	1
87-SDS-175	1	14	39	67	.3	36	10	199	2.27	7	5	ND	2	13	1	3	2	43	.33	.046	4	30	.92	66	.02	3	1.33	.01	.07	1	1
87-SDS-176	1	19	14	29	.1	15	5	138	1.39	3	5	ND	4	15	1	3	2	26	.50	.011	9	23	.39	28	.11	2	1.05	.02	.04	1	1
87-SDS-177	2	145	35	275	.1	41	20	422	2.71	9	5	ND	4	12	1	2	2	42	.28	.031	13	33	.42	51	.11	10	3.00	.01	.05	2	2
87-SDS-178	1	25	21	71	.1	12	4	166	1.81	3	5	ND	3	10	1	4	2	36	.18	.029	8	21	.26	47	.09	4	1.27	.01	.03	1	2
87-SDS-179	1	6	7	10	.1	1	1	29	.57	2	5	ND	3	5	1	2	2	16	.06	.007	7	8	.05	16	.05	2	.37	.01	.02	1	2
87-SDS-180	1	10	21	52	.3	7	5	216	1.98	2	5	ND	3	12	1	4	2	36	.23	.096	8	19	.21	62	.09	2	1.10	.01	.04	1	4
87-SDS-181	1	11	18	22	.2	12	5	118	1.38	4	5	ND	2	7	1	2	2	22	.15	.071	6	17	.16	27	.06	8	1.25	.01	.02	1	8
87-SDS-182	1	11	15	31	.1	13	5	294	1.65	6	5	ND	3	8	1	5	2	26	.13	.102	8	19	.17	37	.07	6	1.51	.01	.03	2	1
87-SDS-183	1	15	20	85	.1	13	9	578	2.43	2	5	ND	3	10	1	2	2	40	.15	.065	9	26	.29	57	.10	2	1.83	.01	.04	1	2
87-SDS-184	2	24	30	54	.1	16	6	177	2.49	6	5	ND	2	8	1	4	4	43	.14	.088	7	29	.24	44	.10	8	1.79	.01	.03	1	1
87-SDS-185	2	23	20	51	.1	18	7	143	2.39	5	5	ND	3	17	1	2	2	41	.22	.043	9	28	.31	74	.11	4	2.01	.01	.05	1	1
87-SDS-186	1	19	19	40	.2	14	5	169	1.23	2	5	ND	4	19	1	2	2	25	.87	.023	16	22	.29	68	.07	3	1.13	.02	.05	2	3
87-SDS-189	1	8	14	27	.4	13	5	171	1.27	3	5	ND	6	17	1	2	2	24	.60	.013	12	21	.33	40	.09	2	.96	.02	.05	1	2
87-SDS-190	1	12	14	20	.2	13	4	139	1.19	2	5	ND	5	15	1	2	2	22	.34	.021	14	21	.33	23	.10	2	.82	.02	.03	1	4
87-SDS-191	1	14	11	21	.2	12	5	195	1.26	3	5	ND	6	16	1	2	2	23	.49	.032	17	22	.34	35	.09	3	.83	.03	.05	1	2
87-SDS-192	1	4	9	13	.1	9	3	97	.82	2	5	ND	3	11	1	2	2	15	.31	.027	9	15	.22	16	.07	2	.60	.02	.03	1	1
87-SDS-193	1	4	9	12	.1	10	3	75	.95	2	5	ND	3	7	1	4	2	17	.16	.015	7	14	.18	19	.07	2	.72	.01	.04	1	1
STD C/AU-S	20	59	43	131	7.0	72	29	1055	3.98	40	16	8	40	50	18	16	21	58	.52	.089	38	61	.84	180	.08	35	1.80	.06	.13	12	49

GML MINERALS CONSULTING

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-SDS-194	1	21	10	45	.1	23	8	323	2.11	3	5	ND	8	25	1	2	6	36	.88	.039	22	40	.59	81	.13	9	1.48	.03	.11	1	1
87-SDS-195	1	15	4	20	.1	7	5	73	1.04	3	7	ND	2	7	1	2	3	21	.25	.016	11	13	.15	19	.07	3	.73	.01	.02	2	35
87-SDS-196	1	31	3	77	.1	41	12	469	3.21	2	5	ND	12	32	1	2	5	56	1.07	.032	32	66	1.03	139	.20	6	2.48	.05	.29	1	2
87-SDS-197	1	18	10	47	.1	21	9	269	2.09	4	5	ND	6	19	1	2	2	37	.64	.024	19	38	.57	75	.13	2	1.54	.03	.14	1	1
87-SDS-198	1	4	2	5	.1	3	1	36	.39	2	5	ND	1	5	1	2	2	8	.15	.009	7	8	.10	13	.05	2	.35	.01	.01	1	1
87-SDS-199	1	8	9	7	.1	7	2	53	.81	2	5	ND	5	7	1	2	2	18	.24	.034	14	11	.12	7	.06	2	.43	.01	.01	1	1
87-SDS-200	1	12	6	23	.1	11	5	163	1.39	3	5	ND	3	12	1	2	2	25	.36	.024	14	24	.33	35	.09	26	.86	.02	.07	1	1
87-SDS-201	1	25	19	62	.1	30	9	356	2.50	3	5	ND	9	28	1	2	2	46	1.02	.036	28	50	.80	102	.17	4	1.90	.04	.19	1	1
87-STS-1	2	67	13	120	.6	33	14	305	4.23	7	5	ND	4	11	1	2	6	82	.19	.035	10	62	1.05	48	.18	2	2.90	.01	.04	1	48
87-STS-2	1	21	8	19	.1	12	4	85	1.86	2	5	ND	2	7	1	2	2	38	.12	.017	6	22	.29	27	.09	5	1.14	.01	.02	1	1
87-STS-3	1	11	7	30	.2	6	3	60	1.67	4	5	ND	1	7	1	2	2	35	.09	.020	8	16	.16	34	.07	2	1.25	.01	.02	1	2
87-STS-4	1	53	6	70	.1	25	7	147	2.52	2	5	ND	2	8	1	2	2	42	.14	.043	9	30	.43	52	.07	2	2.26	.01	.04	1	1
87-STS-5	1	34	18	44	.1	16	5	97	2.32	7	5	ND	3	8	1	5	2	45	.14	.028	9	24	.29	36	.09	4	1.58	.01	.04	2	1
87-STS-6	1	34	18	60	.3	17	7	114	2.04	5	5	ND	2	9	1	3	2	39	.16	.036	10	21	.27	44	.07	2	1.51	.01	.04	1	1
87-STS-7	1	48	18	81	.3	17	7	139	2.67	4	5	ND	1	9	1	2	2	48	.16	.082	10	26	.31	58	.07	5	1.86	.01	.04	1	1
87-STS-8	1	61	9	38	.1	19	7	84	2.34	6	5	ND	1	9	1	6	2	45	.16	.022	11	24	.26	52	.07	2	1.86	.01	.03	2	1
87-STS-9	1	26	7	46	.1	15	6	100	2.19	5	5	ND	1	7	1	3	2	45	.12	.022	6	24	.29	37	.09	2	1.57	.01	.03	1	1
87-STS-10	2	45	21	56	.3	22	10	147	2.51	4	5	ND	3	9	1	2	2	50	.18	.017	8	28	.38	49	.10	2	1.89	.01	.04	1	1
87-STS-11	1	49	13	37	.1	28	10	140	2.37	5	5	ND	2	10	1	2	2	44	.20	.020	6	31	.41	48	.13	2	1.76	.01	.03	2	2
87-STS-12	1	61	2	121	.2	32	20	481	6.48	2	5	ND	4	11	1	2	3	138	.23	.028	4	96	1.59	46	.26	6	2.93	.01	.04	4	1
87-STS-13	1	73	13	61	.3	24	12	237	3.54	9	5	ND	3	9	1	2	2	67	.20	.017	9	49	.82	43	.15	21	2.04	.02	.04	2	1
87-STS-14	1	29	12	21	.1	11	4	92	1.70	3	5	ND	1	8	1	2	2	30	.17	.016	8	20	.27	24	.09	6	1.06	.01	.02	1	128
87-STS-15	1	38	15	23	.2	14	5	111	1.75	3	5	ND	4	7	1	3	2	30	.15	.011	10	25	.35	26	.10	2	1.33	.01	.02	1	11
87-STS-16	4	71	14	56	.2	13	8	220	4.70	3	5	ND	5	13	1	4	3	99	.20	.027	10	41	.42	89	.10	4	2.51	.01	.05	1	1
87-STS-17	1	33	14	22	.2	8	3	59	1.29	2	5	ND	3	7	1	4	2	25	.09	.014	7	16	.15	23	.05	3	1.12	.01	.02	1	1
87-STS-20	1	37	7	35	.1	16	8	483	1.59	2	5	ND	2	14	1	2	2	27	.47	.026	13	23	.35	48	.08	7	1.07	.02	.05	1	1
87-STS-21	1	4	11	16	.2	6	3	67	1.41	2	5	ND	4	7	1	2	2	28	.12	.014	13	17	.14	12	.07	2	.47	.01	.03	1	2
87-STS-22	1	1	3	4	.1	3	1	18	.23	2	5	ND	2	4	1	2	2	8	.04	.005	8	4	.04	7	.04	2	.21	.01	.01	1	1
87-STS-23	1	6	7	9	.2	3	2	45	.47	2	5	ND	2	6	1	2	2	9	.13	.017	6	9	.14	13	.05	2	.36	.01	.02	1	1
87-STS-24	1	14	20	32	.1	16	6	268	1.63	2	5	ND	4	17	1	2	2	30	.30	.014	11	30	.45	34	.12	7	1.08	.02	.07	1	2
87-STS-25	1	10	14	13	.4	8	2	59	.61	2	9	ND	4	8	1	2	2	11	.17	.027	11	13	.18	18	.05	2	.59	.01	.04	1	1
87-STS-26	1	3	6	7	.1	6	1	39	.50	2	5	ND	3	6	1	2	2	16	.08	.004	7	9	.11	8	.07	3	.31	.01	.03	1	3
87-STS-27	1	15	8	19	.2	5	1	59	.50	2	5	ND	1	9	1	2	2	10	.25	.005	8	9	.11	25	.03	2	.45	.01	.02	1	1
87-STS-28	1	17	2	22	.1	13	4	134	1.17	4	5	ND	4	10	1	2	2	21	.22	.007	9	18	.24	33	.07	2	1.02	.01	.03	1	1
87-STS-29	1	7	11	16	.1	12	3	73	1.04	2	5	ND	3	9	1	2	2	21	.17	.009	9	15	.22	29	.08	2	.83	.01	.04	1	1
87-STS-30	1	15	7	14	.1	9	3	89	1.06	2	7	ND	4	10	1	3	2	20	.25	.016	17	16	.20	30	.07	3	.80	.01	.03	1	1
STD C/AU-S	20	62	44	133	7.5	72	29	1064	4.00	40	19	8	40	52	19	15	20	60	.52	.092	40	64	.85	181	.09	37	1.71	.06	.14	13	49

GML MINERALS CONSULTING

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-STS-31	1	15	13	21	.1	13	4	105	1.23	4	5	ND	4	13	1	2	2	23	.28	.012	8	20	.31	23	.10	2	.95	.01	.03	1	11
87-STS-32	1	8	11	23	.1	16	5	117	1.69	6	5	ND	4	13	1	3	2	28	.23	.012	8	26	.38	36	.10	2	1.29	.01	.03	1	1
87-STS-32A	1	6	11	26	.1	11	5	124	1.37	5	5	ND	3	13	1	2	2	23	.24	.017	7	23	.39	24	.09	2	1.02	.01	.02	1	1
87-STS-33	1	78	9	67	.3	28	10	399	1.75	9	5	ND	4	11	1	2	2	32	.41	.017	16	27	.39	49	.08	2	1.55	.01	.04	1	1
87-STS-34	1	40	20	144	.1	17	11	303	2.43	7	5	ND	2	10	1	3	2	45	.19	.043	10	26	.46	68	.08	2	1.88	.01	.08	1	2
87-STS-35	1	161	4	190	.6	73	26	451	4.63	5	5	ND	5	15	1	2	2	71	.51	.055	14	44	.53	160	.07	2	4.52	.01	.10	1	1
87-STS-36	2	68	15	146	.2	42	30	1081	3.34	8	5	ND	2	13	1	2	2	58	.35	.036	11	36	.63	114	.07	2	2.73	.01	.06	1	1
87-STS-37	9	81	19	146	1.1	30	163	6576	11.78	11	5	ND	3	18	1	2	2	181	.84	.066	18	51	.38	121	.13	2	3.17	.01	.07	1	1
87-STS-38	1	52	21	161	.2	42	22	851	4.35	4	5	ND	2	12	1	2	2	94	.44	.023	9	53	.95	61	.14	2	2.70	.01	.04	1	1
87-STS-39	9	57	38	233	.2	39	166	2960	10.47	7	5	ND	4	12	1	3	2	204	.43	.048	15	55	.54	112	.14	2	3.23	.01	.06	1	2
87-STS-40	2	26	15	64	.1	24	11	193	2.84	8	5	ND	2	8	1	2	2	60	.17	.019	7	27	.45	68	.11	2	2.15	.01	.02	1	1
87-STS-41	1	20	14	38	.2	18	7	137	1.94	10	5	ND	2	9	1	4	2	36	.17	.022	6	23	.27	43	.09	2	1.39	.01	.02	2	1
87-STS-42	1	10	15	23	.1	7	3	75	1.62	6	5	ND	2	7	1	2	2	45	.13	.016	6	15	.16	33	.09	2	.85	.01	.01	1	1
87-STS-43	1	29	16	35	.1	16	7	115	2.22	7	5	ND	3	8	1	2	2	43	.16	.020	7	25	.30	42	.10	2	2.05	.01	.02	1	2
87-STS-44	1	1	5	10	.2	2	1	40	.62	3	5	ND	3	6	1	2	2	15	.10	.007	9	9	.07	12	.06	3	.29	.01	.04	1	1
87-STS-45	1	3	4	10	.1	3	2	40	.51	2	5	ND	2	6	1	2	3	11	.09	.007	6	8	.09	12	.04	2	.33	.01	.02	1	2
87-STS-46	1	1	3	7	.1	2	1	25	.50	2	5	ND	1	5	1	2	2	11	.07	.007	5	7	.04	9	.04	4	.21	.01	.02	1	1
87-STS-47	1	2	7	18	.1	3	1	115	.64	2	5	ND	1	5	1	2	2	12	.07	.028	5	8	.07	12	.04	2	.37	.01	.02	1	1
87-STS-48	1	7	14	43	.1	16	6	118	1.95	6	5	ND	1	3	1	2	2	22	.03	.015	13	20	.20	44	.01	2	1.08	.01	.03	1	13
87-STS-49	1	28	19	235	.2	45	26	2298	4.01	6	5	ND	4	12	1	2	2	67	.27	.041	13	45	.89	154	.04	3	3.08	.01	.07	1	3
87-STS-50	1	31	22	66	.1	20	8	225	2.85	9	5	ND	2	9	1	2	2	59	.21	.050	9	21	.51	86	.11	4	1.83	.01	.07	1	1
87-STS-51	1	6	5	15	.1	3	1	43	.41	2	5	ND	1	8	1	2	5	12	.13	.009	9	8	.06	31	.04	3	.38	.01	.03	1	1
87-STS-52	1	61	30	35	.1	12	5	94	3.13	9	5	ND	3	7	1	2	2	51	.09	.055	10	23	.15	66	.05	2	2.28	.01	.04	1	1
87-STS-53	2	34	20	38	.1	10	5	87	3.08	7	5	ND	3	6	1	2	3	60	.10	.035	8	20	.18	44	.06	2	1.79	.01	.02	1	1
87-STS-54	3	41	15	50	.1	14	7	108	3.26	6	5	ND	3	8	1	3	2	88	.13	.028	9	23	.30	54	.10	4	2.16	.01	.05	1	1
87-STS-55	1	30	24	41	.1	14	7	139	2.80	7	5	ND	3	8	1	2	2	52	.16	.017	8	26	.26	55	.10	2	2.14	.01	.03	1	2
87-STS-56	2	22	19	59	.1	11	6	120	2.98	9	5	ND	3	7	1	3	2	62	.13	.028	8	19	.23	68	.09	3	1.52	.01	.04	1	1
87-STS-57	2	20	18	66	.2	9	4	196	2.47	7	5	ND	1	7	1	2	2	50	.15	.035	6	25	.24	56	.07	2	1.64	.01	.04	1	1
87-STS-58	2	57	19	31	.1	20	9	96	2.51	10	5	ND	3	7	1	2	2	49	.14	.011	7	24	.29	53	.12	2	2.23	.01	.03	2	1
87-STS-59	2	20	15	25	.2	15	6	80	2.04	10	5	ND	2	8	1	2	2	49	.13	.007	6	22	.27	33	.13	4	1.37	.01	.03	2	1
87-STS-60	2	18	12	21	.1	8	4	74	1.97	7	5	ND	1	8	1	2	2	56	.11	.011	6	18	.22	30	.13	2	1.10	.01	.03	1	1
87-STS-61	1	23	20	28	.1	7	2	69	1.58	5	5	ND	1	6	1	2	3	45	.08	.018	9	13	.11	51	.06	2	.92	.01	.03	1	2
87-STS-62	2	140	31	81	.1	12	8	281	12.63	13	5	ND	3	4	1	4	2	78	.09	.062	7	42	.52	43	.16	2	2.07	.01	.04	1	1
87-STS-63	2	63	19	97	.1	29	26	299	4.48	9	5	ND	3	9	1	2	2	62	.13	.039	11	28	.37	88	.09	3	2.61	.01	.06	1	1
87-STS-64	1	35	14	37	.1	21	6	105	2.05	6	5	ND	2	8	1	3	3	42	.17	.014	7	20	.22	56	.08	2	1.61	.01	.01	1	34
87-STS-65	2	56	24	52	.1	16	5	133	2.96	8	5	ND	3	6	1	3	2	54	.10	.028	9	29	.21	66	.07	2	2.04	.01	.03	1	2
87-STS-66	2	153	8	45	.2	69	18	107	2.16	5	5	ND	5	8	1	2	2	39	.15	.014	9	28	.34	46	.08	2	2.37	.01	.04	1	25
STD C/AU-S	18	59	41	133	7.1	70	29	1035	3.94	42	20	8	40	49	18	18	19	56	.47	.086	38	61	.86	184	.08	37	1.87	.06	.15	13	51

GML MINERALS CONSULTING

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-STS-67	1	45	11	31	.1	20	6	76	1.99	4	8	ND	4	8	1	2	2	37	.14	.020	8	22	.27	51	.09	4	2.16	.01	.02	1	1
87-STS-68	2	120	17	64	.1	51	9	113	2.94	8	5	ND	5	9	1	2	2	52	.14	.021	9	28	.30	66	.09	2	2.77	.01	.04	1	2
87-STS-69	1	47	13	28	.1	19	6	100	2.36	9	5	ND	3	9	1	3	2	44	.17	.022	9	23	.30	28	.11	8	2.07	.01	.02	1	2
87-STS-71	1	5	7	9	.3	3	1	34	.67	2	9	ND	2	8	1	2	2	24	.09	.007	7	6	.07	27	.05	2	.49	.01	.02	1	5
87-STS-72	1	38	18	50	.1	20	6	107	2.58	6	5	ND	4	7	1	2	2	48	.12	.027	8	25	.22	47	.09	2	2.31	.01	.03	1	8
87-STS-73	1	22	14	41	.1	16	4	282	1.43	4	5	ND	3	15	1	2	2	24	.29	.025	11	21	.41	36	.10	2	1.20	.01	.04	1	1
87-STS-74	1	38	21	277	.2	21	23	1395	5.36	6	5	ND	6	11	1	2	2	105	.24	.149	10	30	.65	147	.08	2	2.54	.01	.07	1	1
87-STS-75	1	3	6	12	.1	5	2	61	.61	2	5	ND	3	9	1	2	2	13	.15	.011	6	9	.17	9	.07	18	.47	.01	.03	1	1
87-STS-76	1	2	6	18	.1	10	3	76	.83	2	5	ND	3	10	1	2	2	16	.17	.016	7	12	.24	11	.08	2	.63	.01	.05	2	1
87-STS-77	1	16	8	44	.1	21	5	237	1.88	4	5	ND	2	17	1	2	2	28	.31	.029	11	31	.53	58	.11	2	1.57	.01	.12	1	1
87-STS-78	1	119	12	105	.2	66	19	1151	2.78	3	5	ND	4	12	1	3	2	34	.21	.049	19	32	.40	83	.07	2	3.08	.02	.04	1	5
87-STS-79	1	266	11	222	.3	193	32	1110	5.13	2	5	ND	5	22	1	2	5	63	.43	.080	26	147	1.40	126	.09	2	5.35	.01	.06	2	250
87-STS-80	2	75	14	196	.2	36	44	1178	7.33	10	5	ND	2	10	1	2	2	101	.25	.053	11	45	.46	83	.06	2	2.23	.01	.04	1	120
87-STS-81	2	73	19	171	.2	43	32	3951	3.34	11	5	ND	2	18	1	2	2	60	.61	.039	12	41	.55	190	.09	2	2.19	.01	.06	1	1
87-STS-82	2	174	14	92	.1	98	27	216	3.90	2	5	ND	8	11	1	2	2	57	.21	.031	11	44	.58	74	.16	3	4.14	.02	.06	1	1
87-STS-83	1	3	8	21	.1	5	2	71	1.39	2	5	ND	5	9	1	2	2	29	.15	.012	13	13	.14	15	.09	2	.47	.01	.03	1	1
STD C/AU-S	20	60	40	132	7.3	71	28	1100	4.24	41	20	8	41	51	19	17	21	60	.48	.092	40	59	.90	172	.09	38	1.87	.06	.14	14	48
87-STS-84	1	6	10	31	.4	9	4	204	1.29	2	5	ND	4	9	1	2	2	23	.13	.048	8	13	.16	25	.07	2	.62	.01	.05	1	1
87-STS-85	1	8	15	33	.4	7	3	156	1.49	2	5	ND	2	10	1	2	2	28	.15	.036	9	15	.17	26	.09	2	.71	.01	.05	1	1
87-STS-86	1	15	14	55	.2	15	6	146	2.03	5	5	ND	5	12	1	2	2	33	.19	.056	11	23	.37	34	.10	9	1.20	.01	.07	1	1
87-STS-87	1	26	14	85	.3	18	7	166	3.39	6	5	ND	5	10	1	2	2	55	.11	.080	13	37	.56	84	.08	3	2.51	.01	.07	1	1
87-STS-88	1	8	17	35	.1	11	4	114	1.38	2	5	ND	2	14	1	2	2	24	.21	.034	9	17	.30	25	.10	4	.89	.01	.05	1	2
87-STS-89	1	3	12	33	.1	6	4	157	1.46	3	5	ND	10	12	1	2	2	27	.21	.023	11	16	.24	52	.09	2	.72	.01	.05	1	1
87-STS-90	1	20	15	44	.1	16	6	127	2.34	4	5	ND	5	11	1	2	2	46	.19	.023	10	23	.38	37	.12	3	1.25	.01	.05	1	1
87-STS-91	1	76	9	125	.1	85	28	771	8.15	2	5	ND	3	16	1	2	2	138	.42	.026	2	119	1.98	16	.49	2	3.15	.01	.04	1	1
87-STS-92	2	28	21	56	.1	31	12	679	3.68	10	5	ND	2	8	1	2	2	57	.17	.026	11	35	.42	66	.01	2	1.60	.01	.04	1	14
87-STS-93	1	59	13	75	.3	32	8	138	2.76	8	5	ND	5	9	1	2	2	48	.14	.027	8	26	.33	56	.10	2	2.46	.01	.04	1	1
87-STS-94	1	54	16	50	.2	23	8	152	3.63	9	5	ND	3	7	1	2	2	60	.12	.026	8	27	.29	52	.09	2	1.65	.01	.03	1	1
87-STS-95	1	122	16	91	.1	58	17	149	2.94	9	5	ND	5	10	1	2	2	50	.18	.022	11	34	.44	62	.12	2	2.36	.01	.05	2	3
87-STS-96	2	43	23	119	.1	25	8	176	3.58	13	5	ND	3	8	1	2	2	58	.13	.054	8	25	.28	74	.08	4	2.25	.01	.05	2	1
87-STS-97	1	23	14	18	.2	9	3	57	1.02	5	5	ND	2	6	1	2	2	26	.08	.024	9	18	.20	29	.06	2	1.41	.01	.02	2	1
87-STS-98	2	54	14	54	.1	19	7	151	3.20	4	5	ND	5	8	1	4	4	66	.13	.027	8	31	.40	66	.13	2	2.24	.01	.03	1	1
87-STS-99	1	25	14	44	.1	4	7	217	5.29	2	5	ND	2	6	1	2	3	117	.13	.028	7	8	.31	58	.17	3	1.20	.01	.04	1	1
87-STS-100	1	26	14	35	.2	11	5	121	2.53	5	5	ND	4	9	1	2	2	48	.13	.019	8	19	.21	59	.08	2	1.91	.01	.02	1	1
87-STS-101	2	51	16	34	.1	17	6	102	2.69	5	5	ND	4	9	1	2	2	52	.13	.015	7	24	.29	42	.12	2	2.05	.01	.03	1	2
87-STS-102	1	28	10	51	.3	22	14	410	4.13	2	5	ND	3	10	1	2	2	115	.29	.010	5	56	1.41	38	.17	2	2.08	.02	.04	1	1
87-STS-103	1	76	18	102	.3	24	23	567	10.23	7	5	ND	3	4	1	2	2	268	.17	.029	4	52	1.59	35	.35	2	3.24	.01	.04	1	310
87-STS-104	1	15	20	53	.3	15	8	117	2.35	2	5	ND	4	13	1	2	2	46	.29	.010	12	23	.43	40	.05	2	1.55	.01	.02	1	250

ELEM	AG PPM	CU PPM	PB PPM	ZN PPM	MO 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	AUB PPB
87-STS-105	1	72	15	123	.4	45	19	1471	3.24	7	5	ND	5	17	1	2	2	47	.44	.044	14	48	.64	113	.10	2	3.27	.02	.04	1	14
87-STS-106	1	6	16	36	.1	10	4	157	1.20	2	5	ND	3	13	1	2	2	24	.23	.016	9	15	.27	36	.09	2	.82	.01	.03	1	3
87-STS-107	1	6	18	41	.1	9	3	130	1.36	2	5	ND	2	10	1	2	2	31	.15	.022	8	18	.27	34	.09	12	.89	.01	.04	1	1
87-STS-108	1	12	29	68	.1	11	4	176	1.75	4	5	ND	3	11	1	2	2	34	.14	.049	9	21	.29	49	.09	4	1.18	.01	.05	1	2
87-STS-109	1	27	22	69	.1	18	7	995	1.76	3	5	ND	3	15	1	2	2	29	.22	.043	9	24	.40	100	.09	2	1.29	.01	.04	1	3
87-STS-110	1	8	9	42	.1	12	5	210	1.70	4	5	ND	3	16	1	2	2	31	.23	.034	9	22	.34	42	.11	2	1.22	.01	.04	1	4
87-STS-111	1	12	19	57	.2	15	6	159	1.58	2	5	ND	3	12	1	2	2	29	.19	.020	9	26	.43	28	.11	2	1.13	.01	.07	1	2
87-STS-112	1	13	18	30	.1	12	4	127	1.41	3	5	ND	2	15	1	2	2	30	.21	.019	9	23	.34	26	.11	10	.96	.02	.04	1	1
87-STS-113	1	1	7	7	.1	2	1	32	.37	2	5	ND	1	10	1	2	2	13	.11	.004	8	6	.06	20	.06	2	.34	.01	.02	1	3
87-STS-114	2	65	27	65	.1	45	18	184	5.16	9	5	ND	3	10	1	2	2	76	.15	.026	12	60	.64	85	.04	7	2.80	.01	.05	1	21
87-STS-115	2	28	19	55	.3	20	7	170	2.93	8	5	ND	2	8	1	2	2	59	.17	.050	7	28	.36	50	.11	2	1.75	.01	.04	1	1
87-STS-116	1	46	17	22	.1	11	3	64	1.22	5	5	ND	1	5	1	3	3	39	.08	.021	9	21	.20	55	.06	2	1.44	.01	.02	1	2
87-STS-117	2	44	30	43	.1	20	6	137	2.54	7	5	ND	3	8	1	2	2	48	.13	.027	7	28	.31	48	.10	5	2.07	.01	.03	1	3
87-STS-118	1	41	18	56	.1	22	8	153	2.33	7	5	ND	3	9	1	2	2	47	.15	.021	7	29	.33	50	.11	2	1.95	.01	.03	1	1
87-STS-119	1	31	21	64	.1	17	10	217	2.02	8	5	ND	3	11	1	3	2	42	.22	.024	8	23	.33	56	.09	7	1.78	.01	.03	2	1
87-STS-129	1	18	21	87	.1	16	8	215	2.32	7	5	ND	2	14	1	2	2	44	.22	.030	10	30	.55	59	.14	4	1.76	.01	.07	1	3
87-STS-130	1	17	20	137	.3	20	8	216	3.40	10	5	ND	5	14	1	3	2	54	.18	.165	12	34	.55	84	.13	4	2.59	.01	.08	1	2
87-STS-131	2	21	22	69	.1	35	12	322	3.06	4	5	ND	3	13	1	2	2	45	.22	.024	13	41	.62	75	.06	7	2.10	.01	.04	1	1
87-STS-132	1	50	27	75	.1	32	12	669	3.81	8	5	ND	2	13	1	2	2	61	.38	.039	9	35	.66	96	.03	2	1.84	.01	.04	1	325
87-STS-133	1	16	15	68	.1	17	10	376	3.06	8	5	ND	4	9	1	2	3	47	.12	.021	12	32	.35	79	.05	2	1.86	.01	.03	1	2
87-STS-134	2	35	22	86	.1	25	11	343	3.13	6	5	ND	4	10	1	2	3	56	.16	.022	10	37	.51	80	.08	21	2.20	.02	.04	3	1
87-STS-135	1	38	24	151	.3	32	17	1031	3.60	4	5	ND	4	14	1	2	2	55	.26	.038	11	35	.54	108	.09	2	2.45	.01	.06	1	1
87-STS-136	1	59	21	102	.2	18	7	153	3.14	10	5	ND	4	11	1	2	2	56	.17	.044	11	30	.35	74	.09	4	2.47	.01	.04	2	1
87-STS-137	1	30	20	40	.2	12	5	101	1.47	3	5	ND	3	10	1	2	2	32	.16	.011	8	20	.33	37	.10	2	1.41	.01	.03	2	1
87-STS-138	1	539	13	73	.4	76	26	909	2.37	2	5	ND	4	24	1	2	2	37	1.51	.043	22	38	.30	112	.06	2	4.44	.02	.04	1	1
87-STS-139	1	30	17	29	.1	17	7	189	1.73	6	5	ND	7	23	1	2	5	29	.71	.008	19	33	.51	50	.13	2	1.34	.04	.05	1	1
87-STS-140	1	150	21	80	.1	42	10	281	1.96	8	5	ND	6	26	1	2	3	29	.93	.023	35	37	.52	95	.11	4	2.26	.04	.05	1	1
87-STS-141	3	39	27	50	.2	8	5	116	2.75	6	5	ND	4	12	1	3	2	116	.13	.019	11	25	.33	50	.14	5	1.57	.01	.05	4	1
87-STS-142	2	75	33	25	.1	7	3	76	3.82	8	5	ND	4	6	1	2	2	92	.08	.025	10	17	.15	51	.05	3	1.77	.01	.02	1	2
87-STS-143	1	50	19	105	.1	26	20	622	6.26	6	5	ND	1	8	1	2	3	75	.13	.040	7	42	.51	75	.03	2	2.20	.01	.03	1	3
87-STS-144	1	42	19	53	.1	27	11	233	3.87	8	5	ND	4	7	1	2	3	74	.13	.020	9	45	.66	44	.08	10	2.24	.01	.03	1	1
87-STS-145	1	79	24	56	.1	34	22	821	4.36	6	5	ND	5	20	1	2	2	68	.38	.027	13	49	.48	117	.09	9	3.68	.02	.03	1	2
87-STS-146	2	53	20	47	.1	20	9	175	3.02	8	5	ND	4	10	1	2	3	62	.13	.020	9	36	.45	61	.11	4	2.43	.01	.03	2	3
87-STS-147	1	43	22	90	.1	23	9	223	2.56	12	5	ND	4	7	1	2	2	49	.11	.019	8	29	.44	42	.12	2	2.10	.01	.02	4	3
87-STS-148	1	42	26	44	.3	10	5	151	2.47	7	5	ND	3	8	1	2	2	63	.12	.025	11	23	.23	54	.10	2	1.59	.01	.03	1	2
87-STS-149	1	6	22	37	.1	9	3	87	1.35	3	5	ND	4	10	1	2	2	35	.12	.008	13	16	.21	27	.07	2	1.07	.01	.03	1	2
87-STS-150	1	37	28	90	.2	18	9	384	3.25	7	5	ND	3	8	1	2	4	77	.17	.033	10	38	.46	64	.14	4	1.93	.01	.05	1	2
STD C/AU-S	20	62	49	134	7.1	72	29	1124	4.02	41	19	9	42	53	18	16	22	61	.49	.092	41	63	.98	181	.09	34	1.89	.06	.14	13	48
87-RTS-120	2	60	18	81	.1	32	10	123	3.80	6	5	ND	4	9	1	2	2	70	.27	.029	10	28	.24	75	.07	3	2.64	.01	.05	1	1
87-RTS-121	1	24	9	51	.1	17	6	105	2.39	6	5	ND	3	9	2	3	2	52	.16	.022	6	22	.26	45	.10	3	1.58	.01	.03	2	2
87-RTS-122	1	28	6	26	.2	13	5	70	1.80	4	5	ND	3	7	1	2	2	43	.11	.013	7	20	.23	34	.09	2	1.52	.01	.02	1	1
87-RTS-123	1	53	12	26	.1	10	4	70	2.58	2	5	ND	3	6	1	2	2	54	.10	.014	8	22	.19	48	.07	2	1.93	.01	.02	1	1
87-RTS-124	1	5	3	10	.1	7	3	58	1.02	2	5	ND	3	9	1	2	2	21	.11	.010	9	13	.15	27	.07	2	.85	.01	.02	2	1
87-RTS-125	1	11	5	17	.1	8	4	161	1.63	2	5	ND	4	8	1	2	2	30	.14	.039	9	17	.19	25	.09	2	.61	.01	.03	2	1
87-RTS-126	1	25	15	78	.3	15	6	229	2.28	4	5	ND	4	13	1	2	2	35	.24	.078	11	27	.39	53	.10	2	1.48	.01	.05	1	1
87-RTS-127	1	38	6	33	.2	18	6	119	1.55	5	5	ND	3	10	1	3	3	28	.19	.025	11	23	.42	39	.10	5	1.75	.01	.03	2	2
87-RTS-128	1	30	14	82	.3	15	8	145	1.64	4	5	ND	4	14	1	3	2	29	.20	.021	14	20	.38	77	.07	3	1.98	.01	.05	2	1

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These are STS

GML MINERALS CONSULTING

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-STS-151	1	170	23	105	.2	64	26	311	2.64	10	5	ND	4	14	1	2	3	44	.38	.029	13	33	.36	94	.09	2	3.38	.01	.04	1	1
87-STS-152	1	35	25	80	.2	30	10	329	1.81	9	5	ND	5	12	1	2	2	29	.27	.022	10	23	.40	63	.09	2	1.83	.01	.05	1	1
87-STS-153	1	6	23	19	.1	7	3	116	1.02	2	5	ND	4	16	1	2	2	19	.35	.020	13	15	.29	26	.09	2	.79	.02	.03	1	2
87-STS-154	2	41	19	55	.3	8	4	95	2.42	5	5	ND	3	9	1	2	2	48	.14	.035	10	20	.15	69	.04	2	2.01	.01	.03	1	2
87-STS-155	2	47	24	31	.2	14	6	91	3.54	9	7	ND	5	10	1	2	2	64	.13	.033	12	31	.28	64	.08	2	2.76	.01	.04	1	6
87-STS-156	2	39	25	24	.2	15	5	70	2.01	12	5	ND	3	11	1	2	2	35	.12	.019	10	22	.21	64	.07	2	2.32	.01	.03	1	2
87-STS-157	2	34	17	38	.1	11	4	84	2.19	10	5	ND	2	9	1	2	4	50	.11	.011	9	21	.23	55	.09	2	2.04	.01	.02	1	2
87-STS-158	2	52	25	30	.1	17	7	84	2.34	10	5	ND	3	11	1	2	2	39	.14	.016	9	26	.24	55	.09	2	2.41	.01	.03	1	1
87-STS-159	1	24	18	20	.1	12	4	87	1.21	3	5	ND	2	10	1	2	2	28	.17	.009	7	20	.31	25	.10	2	1.38	.01	.03	1	2
87-STS-160	2	41	23	27	.1	8	4	56	2.22	10	5	ND	2	9	1	2	2	44	.11	.020	8	19	.15	53	.07	2	1.68	.01	.02	1	1
87-STS-161	1	55	24	15	.1	5	2	41	.87	4	5	ND	1	6	1	2	2	34	.13	.018	10	14	.09	56	.05	2	1.56	.01	.03	1	1
87-STS-162	2	26	27	46	.2	8	4	78	2.39	8	5	ND	2	9	1	2	2	50	.24	.009	8	21	.21	50	.09	2	1.59	.01	.03	2	2
87-STS-163	1	7	16	51	.1	9	5	214	1.89	5	5	ND	2	12	1	2	3	35	.16	.033	9	18	.25	35	.10	2	1.09	.01	.05	1	2
87-STS-164	1	3	18	28	.1	7	4	120	1.39	5	5	ND	1	11	1	2	2	25	.15	.081	8	15	.16	40	.07	2	1.03	.01	.04	1	1
87-STS-165	1	7	16	24	.1	14	4	115	1.24	3	5	ND	2	11	1	2	2	21	.17	.018	8	19	.27	35	.09	5	1.20	.01	.03	1	2
87-STS-166	1	9	21	25	.1	14	5	140	1.42	7	5	ND	3	10	1	2	2	24	.14	.033	9	20	.25	40	.09	3	1.36	.01	.02	2	1
87-STS-167	1	21	17	43	.1	12	6	227	2.22	4	5	ND	5	10	1	2	2	36	.20	.102	11	19	.28	22	.08	2	1.12	.01	.02	1	1
87-STS-168	1	12	18	49	.3	12	6	258	1.87	6	5	ND	3	13	1	2	2	34	.15	.053	9	19	.30	44	.10	2	1.33	.01	.05	1	1
87-STS-169	1	2	15	13	.1	3	2	50	.80	2	5	ND	3	7	1	2	2	19	.10	.007	8	11	.12	17	.08	2	.63	.01	.01	1	2
87-STS-170	1	3	9	20	.1	10	4	153	1.11	2	5	ND	5	16	1	2	2	22	.31	.020	11	19	.35	23	.11	2	.77	.02	.04	1	1
87-STS-171	1	5	10	11	.1	9	2	63	.90	2	5	ND	2	7	1	2	2	18	.15	.019	7	11	.17	20	.07	14	.78	.01	.01	1	2
87-STS-172	1	2	13	9	.1	8	3	51	.84	2	5	ND	3	8	1	2	2	18	.14	.018	8	11	.14	24	.07	2	.90	.01	.01	1	1
87-STS-173	3	8	14	20	.4	11	4	73	1.78	6	5	ND	6	9	1	2	2	37	.13	.023	10	20	.19	31	.10	2	1.43	.01	.03	3	2
87-STS-174	1	41	24	50	.4	8	4	157	1.62	6	5	ND	2	8	1	2	2	38	.13	.026	10	20	.19	65	.07	2	1.32	.01	.03	1	8
87-STS-175	1	26	21	40	.3	12	4	82	1.46	4	5	ND	3	10	1	3	2	36	.12	.024	11	16	.21	59	.10	3	1.38	.01	.04	1	2
87-STS-176	1	6	11	11	.2	2	2	47	.92	2	5	ND	3	7	1	2	2	19	.09	.019	8	9	.08	19	.06	2	.58	.01	.02	1	1
87-STS-177	1	8	18	35	.1	8	4	108	1.76	4	5	ND	4	11	1	2	2	36	.17	.032	11	17	.27	26	.11	2	.88	.01	.03	2	1
87-STS-177A	1	22	18	79	.2	14	8	352	2.57	9	5	ND	3	12	1	3	5	41	.18	.111	10	24	.32	62	.10	3	1.61	.01	.07	1	2
87-STS-178	1	4	17	17	.1	9	4	68	1.04	5	5	ND	3	7	1	2	2	19	.12	.020	8	13	.16	23	.07	2	.82	.01	.02	1	2
87-STS-179	1	5	15	21	.1	9	4	118	1.05	2	5	ND	5	14	1	2	2	19	.28	.015	11	16	.30	25	.09	2	.79	.02	.03	2	1
87-STS-180	1	25	21	53	.3	30	10	443	2.55	6	5	ND	9	32	1	2	2	45	.87	.031	29	48	.83	86	.18	11	2.04	.04	.18	1	2
87-STS-181	1	21	22	48	.2	25	10	445	2.20	6	5	ND	8	27	1	2	3	41	.75	.032	24	41	.68	79	.15	18	1.76	.04	.17	1	2
87-STS-182	1	13	9	37	.3	19	6	201	1.56	3	5	ND	4	23	1	2	2	27	.73	.018	15	29	.46	61	.11	4	1.49	.02	.05	1	1
87-STS-183	1	6	6	8	.1	4	2	33	.64	2	5	ND	2	7	1	2	2	15	.12	.008	8	7	.09	16	.06	3	.58	.01	.01	1	1
87-STS-184	1	7	13	16	.1	13	5	64	1.29	4	5	ND	4	10	1	3	3	25	.13	.010	8	17	.18	43	.09	2	1.22	.01	.02	1	2
87-STS-185	1	7	12	26	.3	18	10	260	1.65	6	5	ND	4	18	1	2	2	28	.53	.018	15	22	.29	72	.07	2	1.39	.02	.02	1	1
87-STS-186	1	12	21	33	.2	7	3	70	1.34	4	5	ND	4	7	1	2	2	29	.11	.008	10	15	.16	41	.08	2	.95	.01	.02	1	2
STD C/AU-S	20	62	40	135	7.7	73	30	1078	4.00	41	21	8	40	53	18	17	20	61	.48	.093	40	58	.87	184	.09	36	1.87	.06	.13	12	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
87-STS-979	1	16	10	65	.1	6	5	856	1.15	2	5	ND	1	13	1	2	2	30	.20	.014	8	13	.13	60	.07	7	.71	.01	.03	1	1
87-STS-980	1	18	6	57	.1	14	6	141	2.08	2	5	ND	2	14	1	2	2	47	.26	.015	6	19	.30	41	.11	4	1.08	.01	.04	1	2
87-STS-981	1	17	3	38	.1	13	5	108	2.06	2	5	ND	1	13	1	2	2	46	.21	.020	6	24	.29	42	.11	3	1.23	.01	.04	1	3
87-STS-982	1	18	4	28	.1	6	3	121	1.26	2	5	ND	1	16	1	2	2	32	.15	.018	9	14	.16	36	.09	4	.80	.01	.04	1	4
87-STS-983	1	9	7	17	.1	5	2	50	.84	2	5	ND	2	12	1	2	2	31	.15	.013	8	10	.09	47	.06	4	.54	.01	.03	1	3
87-STS-984	1	7	3	15	.1	7	3	71	1.13	3	5	ND	1	9	1	2	2	32	.14	.009	5	13	.17	30	.07	3	.63	.01	.03	1	5
87-STS-985	1	60	7	38	.1	22	5	105	2.61	2	5	ND	2	8	1	2	2	57	.10	.022	8	21	.23	38	.09	2	1.22	.01	.03	1	3
87-STS-986	1	26	8	29	.1	15	4	107	2.15	2	5	ND	2	11	1	2	2	49	.16	.020	8	28	.22	49	.07	3	1.22	.01	.04	4	5
87-STS-987	1	12	3	13	.1	7	2	34	.95	2	5	ND	1	9	1	2	2	31	.11	.010	8	12	.12	20	.07	4	.66	.01	.02	1	1
87-STS-988	1	34	9	35	.1	19	7	113	2.33	3	5	ND	1	11	1	2	2	49	.19	.022	5	23	.28	32	.09	4	1.27	.01	.03	1	1
87-STS-989	1	53	15	100	.3	23	76	1950	4.62	3	5	ND	2	11	1	3	2	54	.15	.047	11	33	.32	80	.08	4	2.03	.01	.06	1	1
87-STS-990	1	28	12	107	.2	30	13	977	2.96	5	5	ND	2	15	1	2	2	48	.24	.048	9	30	.42	74	.10	4	2.30	.01	.08	1	2
87-STS-991	1	17	3	64	.1	17	7	313	1.75	2	5	ND	1	14	1	2	2	35	.23	.022	5	20	.33	45	.08	3	1.06	.01	.04	1	1
87-STS-992	1	7	5	17	.1	6	3	59	.96	2	5	ND	1	11	1	2	2	27	.15	.011	7	10	.14	33	.06	3	.73	.01	.02	1	1
87-STS-993	1	13	9	38	.1	9	4	250	1.52	2	5	ND	2	10	1	2	2	34	.13	.015	8	17	.17	56	.08	2	.97	.01	.03	1	2
87-STS-994	1	52	7	31	.1	25	8	189	2.17	5	5	ND	7	10	1	2	2	41	.15	.021	18	34	.44	47	.11	3	1.84	.01	.04	1	3
87-STS-1011	2	40	12	113	.5	21	14	533	4.31	9	5	ND	3	10	1	2	2	90	.17	.028	10	61	.72	75	.06	3	2.72	.01	.05	1	40
STD C/AU-S	19	63	44	132	7.1	73	31	1104	4.01	41	18	8	39	54	19	17	18	60	.49	.091	41	59	.91	181	.07	36	1.80	.06	.14	12	48
87-STS-1012	1	6	8	21	.1	6	3	66	1.32	2	5	ND	1	12	1	2	2	41	.22	.011	6	12	.14	31	.07	2	.71	.01	.02	1	1
87-STS-1013	1	10	9	29	.2	8	3	87	1.78	2	5	ND	2	9	1	2	2	45	.14	.015	7	16	.18	43	.07	2	1.14	.01	.03	1	1
87-STS-1014	1	20	5	26	.1	15	5	106	2.07	4	5	ND	2	11	1	2	2	42	.18	.014	6	23	.26	31	.08	2	1.55	.01	.02	2	1

APPENDIX VI

RECONNAISSANCE GRID SOIL GEOCHEMICAL ANALYSES

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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

DATE RECEIVED: OCT 6 1987 DATE REPORT MAILED: ASSAYER. D. Toye .DEAN TOYE, CERTIFIED B.C. ASSAYER

GML MINERALS

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
876DS-327	1	11	11	53	.1	16	6	211	1.59	2	5	ND	5	20	1	2	2	30	.43	.014	11	34	.54	39	.12	5	1.11	.02	.13	1	1
876DS-328	1	16	9	109	.2	28	10	410	2.60	2	5	ND	9	24	2	2	3	46	.47	.034	16	55	.82	66	.19	12	2.03	.03	.21	1	1
876DS-329	1	18	11	82	.1	24	7	406	2.20	2	5	ND	8	19	1	4	2	39	.36	.036	15	46	.67	74	.14	3	1.69	.02	.19	1	1
876DS-330	1	12	14	113	.1	24	9	403	2.26	2	5	ND	7	23	1	2	2	41	.40	.026	16	50	.71	61	.18	2	1.76	.03	.14	1	2
876DS-331	1	14	10	65	.1	20	7	332	1.99	2	5	ND	5	18	1	2	5	37	.30	.022	13	40	.59	55	.13	3	1.49	.02	.13	1	1
876DS-332	1	12	8	49	.1	18	6	229	1.66	2	5	ND	5	18	1	2	2	30	.31	.013	13	37	.56	45	.14	2	1.36	.02	.12	1	1
876DS-333	1	6	5	35	.1	10	3	119	1.06	2	9	ND	5	14	1	2	4	22	.21	.010	11	21	.31	23	.10	2	.86	.02	.06	1	3
876DS-334	1	25	10	59	.2	29	10	463	2.54	2	5	ND	11	24	1	2	4	44	.54	.034	26	51	.77	79	.17	10	1.84	.04	.22	1	2
876DS-335	1	13	5	40	.1	18	6	233	1.81	2	5	ND	6	19	1	3	4	35	.38	.020	13	36	.54	45	.14	6	1.19	.03	.12	1	1
876DS-336	1	8	5	42	.1	16	5	181	1.51	2	5	ND	5	16	1	2	4	29	.28	.015	11	29	.47	41	.12	2	1.09	.02	.09	1	2
876DS-337	1	11	9	44	.1	21	7	325	2.02	2	5	ND	8	20	1	2	2	38	.39	.029	14	40	.63	41	.16	3	1.38	.03	.15	1	1
876DS-338	1	22	12	74	.1	27	10	604	2.58	2	5	ND	8	25	1	2	2	47	.58	.030	19	53	.80	75	.17	5	1.81	.03	.21	1	3
876DS-339	1	26	12	57	.2	28	9	430	2.53	3	5	ND	8	28	1	3	3	43	.60	.027	21	54	.77	88	.16	2	2.09	.03	.20	1	1
876DS-340	1	27	15	62	.2	26	10	459	2.47	2	5	ND	7	31	1	2	2	41	.91	.019	17	47	.66	129	.12	5	2.10	.03	.16	1	1
876DS-341	1	15	10	73	.1	12	4	101	1.30	2	7	ND	4	13	2	2	3	28	.21	.016	9	23	.26	35	.09	5	1.24	.01	.05	1	1
876DS-351	1	30	37	93	.1	14	6	850	1.32	10	5	ND	1	24	1	2	2	24	.82	.061	7	22	.24	100	.05	9	.88	.01	.06	1	3
876DS-352	1	28	16	92	.4	23	10	773	2.10	2	5	ND	6	21	1	3	2	36	.57	.017	18	42	.53	80	.12	8	1.84	.02	.10	1	3
876DS-353	1	15	9	51	.1	21	7	245	1.90	2	5	ND	6	18	1	3	3	32	.47	.013	15	40	.58	53	.14	2	1.53	.02	.14	1	1
876DS-354	1	19	10	48	.1	26	9	305	2.37	2	5	ND	7	21	1	2	4	41	.56	.019	14	49	.73	51	.16	2	1.80	.03	.15	1	1
876DS-355	1	27	7	51	.4	28	10	288	2.54	4	5	ND	9	19	1	2	2	38	.69	.013	19	50	.71	69	.15	4	2.03	.03	.16	1	1
876DS-356	1	34	4	14	.1	12	4	857	.49	7	5	ND	1	30	1	2	2	8	5.88	.060	4	7	.14	26	.01	11	.35	.01	.02	2	2
876DS-357	1	29	5	5	.2	6	1	106	.24	2	5	ND	1	28	1	3	2	3	5.68	.056	<5	3	.07	20	.01	13	.30	.01	.02	2	1
876DS-358	1	178	25	85	.7	62	17	919	2.98	22	12	ND	9	28	1	2	2	36	1.39	.087	53	48	.39	151	.06	3	4.72	.01	.09	1	1
876DS-359	1	29	11	48	.1	17	5	152	2.17	16	5	ND	3	10	1	2	4	35	.24	.090	7	30	.37	38	.07	2	1.37	.01	.03	1	11
876DS-360	1	19	56	73	.1	15	5	242	1.42	8	5	ND	1	10	1	2	3	21	.32	.090	5	22	.28	37	.02	4	.94	.01	.07	1	3
876DS-361	1	23	15	42	.1	11	4	80	1.33	11	5	ND	1	11	1	2	3	24	.19	.033	10	20	.23	46	.05	2	1.23	.01	.03	1	1
876DS-362	1	12	8	49	.1	17	7	429	1.74	2	11	ND	6	18	1	3	3	33	.35	.014	18	36	.50	43	.13	3	1.24	.02	.09	1	1
876TS-410	2	55	13	105	.2	34	14	329	4.53	13	5	ND	1	9	1	2	6	84	.23	.076	7	61	1.00	30	.13	2	2.09	.01	.04	4	23
876TS-411	1	15	11	40	.1	21	7	283	2.02	2	5	ND	6	18	1	2	3	37	.33	.023	12	41	.59	57	.14	2	1.58	.02	.09	1	1
876TS-412	1	25	15	71	.2	31	10	476	2.77	2	9	ND	9	24	1	2	2	50	.48	.025	23	58	.81	88	.18	5	2.22	.03	.28	1	1
876TS-413	1	33	15	108	.2	39	11	517	3.33	4	5	ND	9	32	1	2	5	52	.63	.030	23	74	1.06	130	.20	6	2.73	.04	.34	1	1
876TS-414	1	36	22	102	.1	33	10	422	3.08	2	5	ND	8	29	1	2	2	52	.92	.026	25	58	.88	134	.15	2	2.73	.03	.23	1	3
876TS-415	1	55	17	87	.3	33	8	394	2.83	3	7	ND	7	32	1	2	2	44	1.29	.032	32	51	.71	145	.12	5	2.68	.03	.20	1	1
876TS-416	1	11	5	60	.1	13	5	141	1.42	2	5	ND	3	12	1	2	2	29	.19	.014	9	30	.36	33	.09	2	.99	.01	.04	1	6
876TS-417	1	45	16	64	.1	16	6	141	3.88	2	5	ND	3	7	1	2	3	72	.13	.030	8	45	.32	37	.11	3	2.29	.01	.03	1	1
876TS-418	1	23	16	102	.2	21	10	414	2.74	2	5	ND	4	8	1	2	2	53	.10	.035	10	49	.56	65	.05	3	2.17	.01	.05	1	2
STD C/AU-S	18	60	38	132	7.2	69	28	1054	3.87	40	24	7	39	50	18	18	23	59	.44	.089	38	64	.80	181	.08	34	1.81	.06	.13	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
876TS-419	1	8	5	18	.2	7	2	56	.99	2	5	ND	2	8	1	2	2	29	.10	.010	8	17	.20	21	.06	3	.91	.01	.02	1	1
876TS-420	1	13	5	29	.1	15	5	140	1.42	2	5	ND	5	14	1	2	2	26	.27	.008	11	30	.50	33	.11	5	1.48	.02	.02	1	1
876TS-421	1	10	10	23	.1	9	3	73	.91	2	5	ND	2	10	1	2	2	20	.16	.007	9	18	.27	23	.07	5	.93	.01	.03	1	1
STD C/AU-S	18	59	39	126	6.9	65	27	989	3.74	37	19	7	38	47	18	17	20	55	.46	.080	36	58	.89	176	.07	37	1.88	.06	.12	13	47
876TS-422	1	23	7	34	.2	18	6	476	1.34	2	5	ND	4	13	1	2	2	21	.28	.016	10	25	.37	45	.07	4	1.56	.02	.02	1	1
876TS-423	1	17	11	38	.1	20	7	252	1.72	2	5	ND	5	17	1	2	2	31	.33	.007	12	35	.59	47	.12	4	1.72	.02	.04	1	1
876TS-424	1	6	4	19	.1	8	3	66	.82	2	5	ND	4	11	1	2	2	16	.25	.005	8	16	.24	29	.07	3	.80	.01	.01	1	1
876TS-425	1	18	8	45	.2	22	6	218	1.90	2	5	ND	7	20	1	2	2	30	.61	.021	16	44	.64	80	.11	2	1.97	.02	.10	1	12
876TS-432	1	10	9	68	.3	20	6	222	2.09	2	5	ND	5	21	1	2	2	37	.39	.016	13	40	.68	50	.15	3	1.66	.02	.12	1	1
876TS-433	1	26	7	84	.3	31	9	398	2.96	2	5	ND	8	23	1	2	2	48	.55	.037	15	59	1.18	104	.18	8	2.52	.04	.26	1	1
876TS-434	1	14	13	74	.2	25	8	376	2.56	2	5	ND	6	24	1	2	2	45	.50	.021	14	50	.87	72	.18	8	1.98	.03	.17	1	1
876TS-435	1	11	11	68	.1	24	8	321	2.28	2	5	ND	6	24	1	2	2	41	.47	.019	14	48	.80	63	.17	5	1.77	.03	.17	1	1
876TS-436	1	17	8	50	.2	21	7	300	1.92	2	5	ND	4	20	1	2	2	33	.46	.016	13	38	.63	62	.12	3	1.81	.02	.09	1	1
876TS-437	1	16	7	51	.3	19	6	265	1.84	2	5	ND	4	23	1	2	2	29	.99	.024	15	37	.56	79	.09	7	1.76	.02	.11	1	2
876TS-438	1	19	5	41	.4	20	6	236	1.84	2	8	ND	7	22	2	3	2	31	1.33	.024	18	35	.59	78	.10	8	1.55	.03	.13	1	1
876TS-439	1	18	5	21	.1	13	4	149	1.40	2	5	ND	6	15	1	2	2	22	1.38	.038	18	26	.46	43	.08	2	.98	.02	.07	1	2
876TS-440	1	19	8	72	.1	13	5	149	1.42	2	5	ND	3	10	1	2	2	25	.27	.019	8	23	.39	33	.08	5	1.18	.01	.03	1	1
876TS-441	1	27	8	54	.5	22	7	406	1.63	4	5	ND	3	39	1	2	2	22	2.27	.063	22	33	.52	122	.05	6	1.91	.02	.10	1	1
876TS-442	1	15	5	33	.3	10	3	128	.84	3	7	ND	2	45	1	4	2	19	3.39	.036	5	15	.34	49	.03	7	.68	.01	.04	2	1
876TS-443	1	21	7	68	.2	31	10	400	2.91	2	5	ND	9	28	1	2	2	47	.79	.017	19	58	.99	85	.18	7	2.43	.04	.25	1	1
876TS-444	1	21	11	86	.3	29	11	509	2.82	2	5	ND	7	25	1	2	2	49	.64	.018	19	56	.99	82	.17	6	2.33	.03	.24	1	1
876TS-445	1	51	6	52	.7	32	7	477	2.38	3	9	ND	6	42	2	2	2	32	2.49	.061	39	45	.58	157	.07	6	2.78	.02	.15	1	1
876TS-446	1	9	6	33	.1	11	3	109	1.28	2	5	ND	2	11	1	2	4	23	.23	.010	9	23	.39	24	.09	5	1.09	.02	.03	1	1
876TS-447	1	14	9	70	.2	26	9	411	2.57	2	5	ND	7	23	1	2	2	44	.47	.027	15	51	.90	69	.17	7	2.11	.03	.18	1	1
876TS-448	1	20	12	105	.4	33	11	556	3.09	2	5	ND	10	29	1	2	2	54	.59	.020	18	65	1.07	104	.20	6	2.63	.03	.29	1	1
876TS-449	1	54	2	66	.3	20	4	94	1.28	2	5	ND	6	56	1	2	2	25	3.74	.083	40	24	.36	109	.04	7	1.56	.01	.06	1	1
876TS-450	1	29	8	108	.2	27	7	241	2.17	2	5	ND	7	32	2	2	2	29	1.51	.065	29	55	.72	120	.10	6	2.61	.02	.20	1	1
876TS-451	1	26	24	53	.1	19	7	259	2.08	3	5	ND	3	18	1	3	2	42	.37	.019	9	44	.66	71	.13	3	1.75	.01	.12	1	1
876TS-452	1	45	17	109	.3	23	12	789	3.56	3	5	ND	2	10	1	2	2	64	.33	.048	8	57	.80	106	.07	6	2.87	.01	.04	1	1
876TS-453	1	17	3	40	.1	14	6	128	1.80	2	5	ND	3	9	1	2	3	40	.16	.013	9	32	.49	36	.09	2	1.51	.01	.02	1	1
876TS-454	1	12	12	34	.3	6	2	90	.94	2	5	ND	1	7	2	2	2	24	.12	.018	7	17	.18	48	.03	7	1.12	.01	.03	2	1
876TS-455	1	15	10	30	.1	15	5	122	1.66	2	5	ND	1	7	1	4	2	57	.15	.020	6	55	.41	37	.12	2	1.31	.01	.03	1	1
876TS-456	1	9	6	77	.1	15	5	220	1.63	2	5	ND	5	17	1	2	2	30	.32	.014	13	33	.61	49	.13	4	1.39	.02	.08	1	26
876TS-457	1	24	7	91	.2	29	9	514	2.70	2	5	ND	6	21	1	2	2	44	.34	.027	15	55	.93	95	.15	6	2.52	.02	.19	1	1
876TS-458	1	13	8	64	.2	21	9	477	2.25	2	5	ND	6	19	1	2	2	42	.28	.020	16	42	.74	59	.14	2	1.82	.02	.09	1	1
876TS-459	1	28	7	96	.3	29	11	277	2.48	2	5	ND	7	18	2	2	2	39	.31	.020	13	44	.70	85	.12	10	2.86	.02	.07	1	1
876TS-460	1	32	2	39	.1	19	6	106	2.34	5	5	ND	4	6	1	2	2	38	.09	.035	8	30	.35	37	.08	3	2.14	.01	.04	1	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
876TS-497	1	24	9	44	.1	21	7	283	1.93	3	5	ND	5	19	1	2	2	36	.64	.013	16	35	.53	70	.11	2	1.64	.02	.12	1	1
876TS-498	1	22	2	57	.1	13	3	88	.78	4	5	ND	5	59	2	2	2	19	4.38	.045	14	19	.26	95	.03	11	1.06	.01	.07	1	1
876TS-499	1	20	9	31	.1	11	4	215	.97	3	5	ND	3	21	1	2	2	22	1.28	.020	7	14	.23	47	.04	6	.77	.02	.03	2	1
876TS-500	1	26	9	59	.4	26	9	350	2.43	4	5	ND	10	26	1	2	2	41	1.30	.027	24	48	.76	92	.14	8	1.91	.03	.17	1	1
876TS-501	1	10	2	28	.1	14	5	159	1.33	2	5	ND	4	18	1	2	2	23	.42	.020	12	27	.41	32	.10	7	1.02	.02	.06	1	1
876TS-502	1	18	8	55	.1	21	7	337	1.94	2	5	ND	7	20	1	2	3	34	.52	.023	16	38	.58	62	.12	5	1.50	.03	.12	1	1
876TS-503	1	23	10	50	.3	22	6	276	1.93	4	5	ND	6	19	1	4	2	33	.57	.031	17	38	.55	66	.11	2	1.54	.03	.12	1	1
876TS-504	1	20	7	42	.2	20	6	304	1.75	2	5	ND	7	18	1	2	2	31	.72	.023	15	34	.52	65	.09	4	1.39	.02	.12	2	1
876TS-505	1	30	8	58	.4	27	8	348	2.32	4	5	ND	7	24	1	2	2	39	.99	.019	23	41	.66	95	.11	4	1.97	.02	.17	1	1
876TS-506	1	35	9	65	.3	30	10	474	2.63	2	5	ND	10	34	1	2	2	42	2.19	.036	25	50	1.05	106	.14	8	1.99	.04	.23	1	1
876TS-507	1	28	2	75	.3	26	9	441	2.33	5	5	ND	6	25	1	2	2	41	.77	.027	20	45	.74	81	.13	6	1.80	.03	.17	1	2
876TS-508	1	28	10	76	.2	30	9	395	2.54	4	5	ND	9	29	1	2	2	42	.82	.026	34	52	.84	88	.16	5	1.98	.04	.22	1	1
876TS-509	1	33	2	115	.3	41	10	450	3.32	3	5	ND	10	36	1	2	2	48	1.02	.036	37	66	1.08	157	.17	5	3.12	.03	.31	1	1
876TS-510	1	56	10	128	.8	45	11	253	3.25	2	9	ND	12	46	2	2	2	60	1.88	.064	53	68	.99	224	.12	6	3.43	.03	.28	1	1
876TS-511	1	85	7	107	.5	44	13	383	3.46	4	5	ND	13	34	2	2	2	54	1.29	.046	44	69	1.05	176	.15	16	3.06	.05	.28	1	1
876TS-512	1	40	10	95	.4	40	14	476	3.59	5	5	ND	14	32	2	2	2	56	1.02	.037	36	70	1.15	164	.18	7	3.12	.07	.32	1	1
876TS-513	1	30	10	99	.3	27	7	199	1.98	3	5	ND	6	38	1	2	2	33	1.58	.051	22	53	.75	123	.11	4	2.23	.03	.17	1	1
876TS-514	1	29	5	70	.4	29	9	371	2.53	4	5	ND	9	25	1	2	2	42	.79	.028	27	49	.76	99	.13	5	2.10	.03	.21	1	1
876TS-515	1	37	3	88	.2	39	12	399	3.34	6	5	ND	14	36	1	2	2	54	1.69	.036	36	72	1.14	155	.18	5	2.96	.08	.30	2	1
876TS-516	1	11	5	27	.1	14	5	163	1.39	2	5	ND	4	16	1	2	2	27	.36	.023	12	27	.47	24	.12	2	.96	.02	.06	1	1
876TS-517	1	13	4	28	.1	12	4	81	1.31	4	5	ND	2	9	1	2	2	24	.16	.022	8	20	.30	21	.08	2	.88	.01	.03	1	3
876TS-518	1	9	3	36	.2	11	4	108	1.40	4	5	ND	3	8	1	2	3	26	.14	.030	8	21	.30	19	.08	6	.90	.01	.03	2	7
876TS-519	1	22	6	88	.2	28	9	428	2.55	3	5	ND	6	22	2	2	2	43	.45	.032	16	53	.85	73	.16	4	2.14	.02	.18	2	1
876TS-520	1	25	6	102	.4	33	11	556	3.14	3	5	ND	9	25	1	2	2	50	.50	.041	16	64	1.06	85	.19	9	2.59	.03	.28	1	1
876TS-521	1	9	4	55	.1	17	6	205	1.70	2	5	ND	4	17	1	2	3	31	.32	.019	12	32	.60	30	.12	4	1.23	.02	.09	1	1
876TS-522	1	5	3	31	.1	6	3	96	1.16	2	5	ND	3	6	1	2	2	21	.11	.043	6	14	.15	21	.06	2	.74	.01	.03	1	1
876TS-523	1	4	2	15	.1	8	3	71	1.02	2	5	ND	4	10	1	2	2	20	.26	.008	9	17	.22	19	.08	2	.65	.01	.03	1	1
876TS-524	1	129	12	53	.3	30	11	93	2.03	6	5	ND	3	38	2	3	2	16	3.10	.073	14	23	.11	83	.02	10	1.76	.01	.02	1	1
876TS-525	1	7	5	9	.1	4	2	29	.73	2	5	ND	3	6	1	3	2	21	.09	.006	7	10	.09	15	.07	2	.60	.01	.02	1	1
876TS-526	3	29	2	22	.2	15	5	204	1.41	2	5	ND	6	12	2	2	2	24	.46	.007	13	27	.36	48	.09	2	1.29	.02	.04	1	1
876TS-527	2	18	2	20	.1	11	4	81	1.53	5	5	ND	2	8	2	2	2	35	.14	.012	6	21	.28	16	.10	2	.85	.01	.02	2	1
876TS-528	2	308	6	59	.4	38	10	277	2.05	7	5	ND	5	14	1	2	2	32	.96	.024	17	35	.39	57	.08	2	2.04	.01	.07	1	1
876TS-529	1	28	13	114	.3	29	11	481	2.70	3	5	ND	8	28	1	2	2	47	.61	.025	19	56	.89	72	.20	5	2.07	.03	.22	2	2
876TS-530	1	8	3	60	.1	16	5	206	1.66	2	5	ND	5	18	1	2	2	30	.37	.024	13	35	.56	35	.14	3	1.13	.02	.10	1	1
876TS-531	1	11	3	45	.3	16	5	137	1.87	2	5	ND	4	13	1	2	2	32	.27	.037	9	32	.47	26	.11	4	1.30	.02	.07	2	1
876TS-532	1	10	7	66	.3	21	7	269	2.17	2	5	ND	7	22	3	2	2	39	.42	.022	15	42	.70	45	.17	5	1.61	.03	.13	1	1
STD C/AU-S	18	58	37	131	7.2	68	27	1036	3.91	38	20	6	38	50	18	18	19	58	.48	.087	37	60	.88	178	.08	37	1.81	.06	.13	13	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
876TS-533	1	19	9	46	.2	18	7	253	1.80	4	5	ND	7	15	2	2	2	33	.30	.021	10	33	.49	34	.11	2	1.44	.02	.05	2	2
876TS-534	1	60	5	157	.1	25	15	410	3.95	12	5	ND	4	14	1	2	2	70	.38	.063	7	42	.59	58	.09	2	2.06	.01	.05	1	1
876TS-535	3	72	18	109	.1	27	11	305	5.48	32	5	ND	4	5	2	2	2	107	.08	.037	10	56	.74	67	.09	2	3.67	.01	.04	1	2
876TS-536	1	60	11	65	.1	28	13	203	3.00	9	5	ND	4	12	1	2	2	53	.22	.026	11	44	.51	75	.10	3	2.96	.01	.05	2	1
876TS-537	1	27	14	48	.2	19	8	202	2.38	5	5	ND	5	13	1	2	2	49	.23	.015	10	40	.55	43	.11	3	1.93	.01	.04	2	3
876TS-538	3	32	5	43	.1	22	8	140	2.24	7	5	ND	4	10	1	2	2	44	.17	.012	9	36	.46	26	.11	3	1.82	.01	.03	2	2
876TS-539	1	25	6	60	.2	31	10	334	2.99	2	5	ND	9	29	1	3	2	51	.64	.016	20	62	.94	88	.18	2	2.55	.03	.17	1	1
876TS-540	2	36	6	68	.1	27	9	319	2.72	7	5	ND	7	21	1	2	2	49	.57	.024	15	49	.69	64	.14	4	2.20	.02	.11	1	1
876TS-541	5	18	13	101	.3	7	4	144	1.54	5	5	ND	4	11	1	2	2	37	.19	.013	9	22	.24	41	.09	3	1.13	.01	.04	1	1
876TS-542	2	58	10	58	.4	33	10	640	2.68	4	5	ND	9	29	1	2	2	42	.97	.024	20	55	.72	122	.13	5	2.79	.02	.14	1	1
876TS-543	8	88	15	142	.8	20	10	241	3.53	5	5	ND	5	11	1	2	5	63	.19	.083	11	44	.43	86	.07	2	2.53	.01	.07	1	3
876TS-544	4	28	11	47	.2	19	8	174	1.78	3	5	ND	6	11	3	2	2	39	.24	.013	12	37	.52	42	.09	4	1.31	.01	.04	2	2
876TS-545	6	70	8	89	.4	26	12	801	2.37	5	5	ND	4	15	1	2	2	39	.43	.026	13	39	.53	68	.09	5	2.31	.01	.06	1	2
876TS-546	1	26	10	66	.2	33	10	413	2.90	4	5	ND	10	29	2	2	2	49	.70	.023	19	61	.98	94	.19	7	2.48	.03	.26	1	3
876TS-547	6	38	19	100	.2	18	6	136	2.64	11	5	ND	5	14	1	2	2	45	.20	.067	12	32	.40	96	.08	3	2.37	.01	.08	1	1
876TS-551	3	36	9	72	.1	50	12	321	3.52	4	5	ND	3	17	2	2	5	88	.27	.022	6	91	1.54	46	.15	2	2.31	.01	.06	1	1
876TS-552	2	20	15	60	.1	10	3	133	2.50	6	5	ND	4	12	1	3	2	45	.19	.053	9	28	.31	48	.07	3	1.79	.01	.05	1	2
876TS-553	1	11	10	73	.1	23	7	318	2.32	2	5	ND	6	27	1	2	2	43	.52	.028	14	45	.72	56	.17	4	1.79	.03	.15	1	2
876TS-554	1	14	3	60	.1	20	7	418	1.93	4	5	ND	8	21	1	2	2	35	.41	.022	15	40	.61	54	.15	6	1.50	.03	.14	1	3
876TS-555	1	12	7	46	.1	18	6	218	2.00	3	5	ND	7	18	1	2	2	35	.34	.038	12	38	.56	37	.14	19	1.57	.03	.06	1	1
876TS-556	1	8	6	75	.1	15	5	211	1.66	2	5	ND	6	19	1	2	2	30	.33	.018	12	33	.49	40	.13	3	1.35	.02	.08	1	2
876TS-557	1	14	10	73	.1	24	8	372	2.47	2	5	ND	9	25	1	2	3	44	.49	.034	14	49	.78	63	.18	4	1.90	.03	.15	1	1
876TS-558	1	16	8	83	.2	28	10	553	2.74	2	5	ND	11	30	1	2	2	49	.61	.039	18	57	.91	80	.21	6	1.97	.04	.26	1	1
876TS-559	2	30	5	82	.1	26	10	547	2.77	3	5	ND	6	22	2	2	2	50	.51	.039	15	50	.75	81	.14	2	2.11	.02	.15	1	1
876TS-560	1	33	6	66	.2	26	8	362	2.48	5	5	ND	10	25	2	2	2	41	.71	.035	21	49	.74	78	.14	10	1.96	.03	.18	1	1
876TS-561	1	22	11	60	.3	25	8	262	2.62	3	5	ND	10	32	1	2	2	38	1.65	.039	25	55	1.04	78	.15	9	1.93	.05	.21	1	2
876TS-562	1	36	19	78	.3	29	9	375	2.74	4	5	ND	9	25	1	2	2	45	.86	.036	23	54	.82	92	.14	5	2.13	.04	.21	1	1
876TS-563	1	20	7	110	.1	29	11	590	2.67	2	5	ND	9	30	1	2	2	46	.68	.019	22	55	.85	83	.19	2	1.96	.03	.24	1	1
876TS-564	1	29	16	85	.2	38	11	499	3.42	2	5	ND	13	32	1	2	2	53	.89	.030	25	67	1.09	118	.19	7	2.90	.04	.31	1	2
876TS-565	1	33	7	72	.1	30	10	507	2.80	3	5	ND	10	28	1	2	2	48	.76	.023	26	55	.85	95	.16	5	2.36	.03	.16	1	2
876TS-566	1	11	12	40	.1	14	5	128	1.70	4	5	ND	5	13	1	2	2	30	.21	.017	10	28	.39	41	.11	2	1.23	.01	.04	2	1
876TS-567	1	16	15	44	.1	10	4	125	2.09	4	5	ND	5	11	1	2	2	44	.18	.024	10	30	.29	38	.09	4	1.32	.01	.04	1	7
876TS-568	1	30	8	85	.1	32	10	293	2.89	4	5	ND	11	39	1	2	2	46	1.32	.043	30	63	.93	113	.16	2	2.66	.03	.20	1	1
876TS-569	1	41	2	31	.2	9	3	73	.73	2	5	ND	3	106	2	2	2	24	6.78	.053	7	10	.15	64	.02	15	.50	.01	.03	2	1
876TS-570	1	61	13	73	.2	36	11	555	3.08	8	5	ND	14	40	1	2	2	47	1.00	.042	30	58	.95	95	.17	14	2.49	.05	.17	1	1
876TS-571	1	101	21	223	.5	79	19	353	3.44	64	5	ND	5	13	2	2	2	60	.23	.037	11	50	.67	71	.09	14	2.87	.01	.06	2	2
STD C/AU-S	19	58	38	131	7.0	68	27	1027	3.89	40	19	7	39	49	17	17	20	57	.48	.082	37	64	.87	176	.08	38	1.78	.06	.13	12	50

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
876TS-572	1	14	6	25	.1	14	5	127	1.54	4	5	ND	5	12	1	2	2	36	.20	.005	9	30	.45	23	.10	2	1.22	.01	.02	1	3
876TS-573	3	25	20	86	.2	17	7	385	2.27	13	5	ND	3	7	1	2	2	47	.17	.051	7	41	.47	58	.06	3	1.44	.01	.05	1	1
876TS-574	5	29	11	48	.1	14	5	108	1.87	9	5	ND	3	8	1	2	2	38	.14	.022	8	28	.36	35	.07	3	1.51	.01	.04	1	1
876TS-575	2	17	14	67	.1	14	7	149	2.43	5	5	ND	3	7	1	2	3	61	.18	.028	7	35	.48	41	.10	2	1.34	.01	.03	1	2
876TS-576	1	26	7	63	.1	20	9	350	2.06	2	5	ND	4	18	1	2	2	37	.37	.016	11	38	.58	48	.12	3	1.82	.02	.06	1	2
876TS-577	1	16	9	52	.2	19	6	316	1.77	2	5	ND	5	16	1	2	2	31	.31	.015	12	36	.55	44	.12	9	1.50	.02	.08	1	1
876TS-578	1	35	12	89	.3	36	9	562	2.71	2	5	ND	7	24	1	2	2	39	.81	.036	27	52	.75	103	.11	2	2.64	.03	.19	1	1
876TS-579	1	21	8	52	.3	23	7	336	2.26	2	5	ND	8	24	1	2	2	36	.86	.031	21	42	.73	74	.12	5	1.65	.04	.19	1	2
876TS-580	1	22	16	74	.4	26	9	424	2.46	3	6	ND	8	25	2	2	2	40	.86	.019	22	46	.77	96	.12	8	1.94	.03	.16	1	1
876TS-581	1	25	10	60	.2	22	8	327	2.10	3	5	ND	6	32	1	2	2	35	1.56	.045	20	43	.65	86	.10	5	1.59	.03	.15	1	1
876TS-582	1	10	11	58	.2	18	6	235	1.93	2	5	ND	4	19	1	2	2	34	.38	.023	11	40	.63	41	.14	6	1.41	.03	.11	1	1
876TS-583	1	17	13	47	.1	22	7	301	2.09	2	5	ND	7	19	1	3	2	38	.43	.028	12	41	.65	46	.14	6	1.43	.03	.14	2	1
876TS-584	1	8	4	31	.1	10	3	70	1.40	3	5	ND	2	8	1	6	2	24	.13	.037	8	21	.25	24	.06	4	.76	.01	.03	1	2
876TS-585	1	12	10	71	.1	24	8	349	2.45	2	5	ND	7	25	1	2	2	44	.47	.034	14	48	.79	66	.18	4	1.82	.03	.16	1	3
876TS-586	1	10	6	41	.1	17	6	241	1.77	2	5	ND	4	18	1	2	2	32	.35	.022	11	35	.57	35	.13	5	1.27	.03	.08	1	2
876TS-587	1	8	3	69	.1	11	6	275	1.30	2	5	ND	5	15	1	2	2	24	.22	.020	11	23	.33	45	.08	2	1.01	.01	.05	1	1
876TS-588	1	15	8	67	.1	29	9	459	2.75	4	5	ND	8	26	1	2	2	49	.53	.020	15	56	.94	69	.20	3	1.90	.04	.27	1	1
876TS-589	1	21	10	119	.4	29	10	669	2.69	2	5	ND	9	27	1	2	2	47	.71	.015	20	52	.83	99	.16	3	2.06	.03	.20	1	3
876TS-590	1	25	10	80	.1	27	8	411	2.55	2	5	ND	7	24	1	2	2	42	.60	.028	24	49	.72	96	.13	3	2.16	.02	.19	1	4
876TS-591	1	36	14	86	.5	39	11	420	3.52	4	5	ND	11	35	1	2	2	54	1.42	.036	41	70	1.12	152	.17	5	3.05	.03	.33	1	3
876TS-592	1	35	10	75	.5	34	10	524	3.01	4	5	ND	8	28	1	3	2	48	1.14	.023	30	58	.87	114	.14	7	2.55	.03	.22	1	1
876TS-593	1	25	15	72	.3	32	11	544	3.05	3	5	ND	11	25	1	2	3	52	.73	.016	25	60	.93	97	.17	2	2.38	.03	.25	1	6
876TS-594	1	30	9	86	.5	29	9	522	2.65	3	5	ND	8	25	3	2	2	45	.52	.027	25	54	.86	91	.16	5	1.98	.03	.21	1	4
876TS-595	1	14	10	94	.1	28	10	428	2.73	2	5	ND	8	24	1	2	2	46	.50	.032	14	54	.89	66	.18	2	1.96	.03	.23	1	5
876TS-596	1	13	5	75	.3	26	8	374	2.52	2	5	ND	8	25	1	2	2	44	.54	.029	15	51	.86	54	.18	7	1.75	.03	.21	1	1
876TS-597	1	9	8	62	.1	18	6	215	1.82	2	5	ND	4	18	1	2	2	32	.34	.016	12	34	.58	39	.14	5	1.38	.03	.09	1	1
876TS-598	1	14	12	72	.1	27	9	363	2.62	2	5	ND	8	23	1	2	2	45	.45	.023	14	53	.84	56	.19	2	1.92	.03	.22	1	1
876TS-599	1	15	5	75	.2	27	9	399	2.70	2	5	ND	7	26	1	2	2	47	.51	.030	14	53	.86	77	.19	2	2.05	.03	.18	1	1
876TS-600	1	16	7	54	.1	26	9	375	2.56	2	5	ND	7	24	1	2	2	44	.53	.029	15	53	.85	64	.18	2	1.77	.03	.18	1	1
876TS-601	1	26	11	92	.5	31	11	571	2.89	4	5	ND	8	23	1	2	2	45	.81	.023	23	58	.80	110	.15	5	2.43	.02	.22	1	1
876TS-602	1	24	5	75	.2	30	10	378	2.84	3	5	ND	11	25	1	2	2	43	.93	.016	24	54	.78	97	.14	2	2.56	.02	.15	1	1
876TS-603	1	160	20	115	.9	62	29	2118	5.38	8	5	ND	8	20	1	2	2	56	.56	.091	17	66	.57	192	.10	6	5.68	.01	.15	1	1
876TS-604	1	115	7	87	.1	59	19	193	2.61	7	5	ND	3	10	1	2	2	37	.24	.030	9	34	.42	60	.08	2	2.86	.01	.04	1	2
876TS-605	1	28	6	57	.1	18	8	243	1.71	4	5	ND	3	9	1	2	2	38	.24	.014	10	29	.49	40	.07	2	1.29	.01	.03	1	3
876TS-606	1	39	16	174	.1	20	13	585	4.21	5	5	ND	3	7	1	2	2	76	.21	.070	9	36	.51	81	.07	3	2.33	.01	.04	1	1
876TS-607	1	30	6	57	.1	24	8	274	2.23	4	5	ND	4	17	1	2	2	37	.37	.036	11	42	.67	51	.12	3	1.80	.02	.06	1	2
STD C/AU-S	19	58	37	129	7.1	66	27	1035	3.83	41	20	7	39	50	18	17	22	58	.47	.088	38	63	.87	177	.08	38	1.75	.06	.13	13	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
876TS-608	1	8	6	22	.1	11	4	121	.99	2	5	ND	6	10	1	2	5	19	.23	.023	10	20	.34	19	.09	2	.74	.01	.05	1	1
876TS-609	1	20	7	121	.2	24	9	740	2.05	4	5	ND	6	16	1	2	2	35	.35	.037	11	40	.63	75	.10	3	1.49	.01	.07	1	1
876TS-610	1	14	10	66	.1	9	4	136	1.61	3	5	ND	3	6	1	2	2	31	.12	.027	8	20	.26	33	.05	4	1.02	.01	.02	1	1
876TS-611	1	8	7	35	.1	12	5	147	1.30	2	5	ND	5	13	1	2	2	25	.20	.008	10	26	.38	34	.09	2	1.11	.01	.03	1	1
876TS-612	1	11	11	42	.1	21	6	212	1.81	2	5	ND	4	18	1	2	2	31	.33	.009	11	40	.65	46	.14	2	1.52	.02	.13	1	1
876TS-613	1	23	9	53	.1	24	9	310	2.17	2	5	ND	7	19	1	2	4	39	.33	.012	13	45	.68	59	.13	4	1.97	.02	.06	1	1
876TS-614	1	26	6	52	.1	16	6	121	1.87	5	5	ND	4	8	1	2	3	35	.15	.018	8	26	.43	25	.10	5	1.41	.01	.03	1	5
876TS-615	1	18	6	57	.4	25	9	455	2.21	2	5	ND	6	22	1	2	3	39	.51	.010	14	45	.73	67	.15	4	1.79	.03	.08	1	1
876TS-616	1	27	6	69	.3	31	11	583	2.79	4	5	ND	10	26	1	3	2	50	.63	.020	24	58	.89	78	.19	9	2.01	.03	.22	1	1
876TS-617	1	18	4	80	.3	28	10	511	2.66	2	5	ND	9	24	1	2	2	48	.58	.018	21	54	.83	79	.17	6	1.95	.03	.20	1	1
876TS-618	20	78	2	143	.2	79	22	418	6.52	8	5	ND	2	6	2	2	5	146	.24	.068	3	177	2.41	27	.21	4	2.86	.01	.06	1	1
876TS-619	1	17	5	29	.1	16	6	138	1.64	3	5	ND	4	9	1	2	5	32	.15	.011	9	36	.48	14	.10	2	1.00	.01	.03	1	2
876TS-620	3	148	11	273	.5	41	16	3293	3.09	11	5	ND	5	11	1	5	2	42	.52	.043	19	44	.40	152	.04	4	2.78	.01	.07	1	1
876TS-621	2	25	6	59	.1	21	7	336	1.88	3	5	ND	4	12	1	2	2	36	.27	.018	10	38	.53	41	.09	7	1.39	.01	.06	1	1
876TS-622	5	16	9	16	.1	9	3	52	1.41	3	5	ND	2	6	1	2	2	38	.08	.008	8	17	.18	32	.07	2	1.21	.01	.02	1	1
876TS-623	1	14	10	26	.1	9	3	106	1.64	4	5	ND	2	7	1	2	2	33	.10	.025	6	22	.21	38	.06	2	1.00	.01	.02	1	1
876TS-624	20	442	14	70	1.0	108	45	1745	4.28	16	5	ND	14	18	1	2	2	51	1.61	.119	72	78	.30	165	.06	4	7.26	.01	.03	1	1
876TS-625	6	36	13	38	.1	19	8	161	1.36	3	5	ND	3	8	1	3	2	26	.20	.014	9	24	.35	36	.08	3	1.42	.01	.02	1	1
876TS-626	2	30	7	59	.1	23	9	418	2.02	3	5	ND	6	18	1	2	2	38	.42	.026	15	40	.61	57	.12	4	1.57	.02	.13	1	1
876TS-627	2	34	3	74	.3	29	9	448	2.44	3	5	ND	7	20	2	2	2	43	.42	.023	20	53	.71	77	.13	5	2.11	.02	.14	1	1
876TS-628	1	15	6	38	.3	20	7	261	1.95	2	5	ND	5	17	1	2	2	34	.27	.010	11	39	.61	47	.13	8	1.63	.02	.07	1	2
876TS-629	1	10	12	50	.2	11	4	112	1.65	2	5	ND	3	9	1	2	2	28	.12	.022	9	22	.26	43	.06	2	1.34	.01	.04	1	3
876TS-630	1	8	12	16	.2	2	1	23	.69	3	5	ND	2	5	1	3	2	19	.03	.021	9	8	.07	33	.02	3	.86	.01	.03	1	1
876TS-631	1	9	14	26	.1	2	1	21	.56	4	5	ND	1	6	1	2	2	16	.06	.021	9	7	.06	46	.01	4	.87	.01	.03	1	12
876TS-632	1	14	11	69	.1	11	6	275	2.51	4	5	ND	3	6	1	3	3	64	.12	.029	10	30	.43	42	.08	2	1.36	.01	.03	1	95
876TS-633	1	8	8	26	.1	11	4	93	1.93	4	5	ND	4	9	1	2	2	44	.14	.020	11	28	.31	23	.11	10	1.01	.01	.04	1	1
876TS-634	1	19	8	25	.1	18	6	115	1.67	3	5	ND	5	9	1	2	2	30	.13	.014	9	24	.32	35	.09	3	1.28	.01	.03	1	1
876TS-635	1	12	11	25	.1	14	5	116	1.32	2	5	ND	4	14	1	2	4	26	.21	.010	9	27	.41	31	.09	4	1.23	.01	.04	1	1
876TS-636	1	22	5	35	.1	16	6	214	1.69	2	5	ND	4	11	1	2	2	31	.30	.017	12	26	.36	42	.07	3	1.27	.01	.04	1	1
876TS-637	1	19	5	30	.1	17	7	271	1.65	2	5	ND	3	13	1	2	2	29	.26	.015	12	32	.48	36	.10	2	1.21	.02	.04	1	1
876TS-638	1	18	7	21	.1	10	4	307	1.47	5	5	ND	1	38	1	2	2	17	4.04	.049	6	15	.23	51	.03	2	.65	.01	.03	1	1
876TS-639	1	18	7	36	.1	16	6	448	1.86	2	5	ND	6	21	2	2	2	26	1.11	.028	18	27	.41	66	.08	5	1.08	.02	.07	1	1
876TS-640	1	32	7	55	.1	24	8	397	2.18	4	5	ND	5	20	1	2	2	35	.91	.024	18	43	.59	72	.10	2	1.70	.02	.12	1	1
876TS-641	1	49	3	94	.2	26	11	523	2.22	4	5	ND	4	13	1	2	2	40	.49	.019	10	39	.56	57	.09	3	1.63	.01	.07	1	1
876TS-642	1	11	4	47	.2	17	6	153	1.69	2	5	ND	4	13	1	2	2	30	.24	.022	10	30	.45	33	.10	4	1.34	.02	.06	1	2
876TS-643	1	5	8	32	.1	13	4	146	1.33	2	5	ND	4	14	1	2	2	25	.25	.016	11	26	.38	24	.11	2	.91	.02	.06	1	1
STD C/AU-S	19	59	37	132	7.4	68	28	1040	3.83	41	21	7	40	50	19	18	20	58	.48	.085	38	63	.86	179	.08	35	1.77	.06	.13	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
876TS-644	1	26	4	94	.1	18	9	361	1.85	2	5	ND	3	12	1	2	2	34	.37	.027	10	33	.55	55	.08	3	1.43	.01	.06	1	8
876TS-645	1	60	16	394	.3	27	17	2375	3.56	18	5	ND	5	10	2	2	2	57	.48	.077	11	45	.52	113	.03	6	2.56	.01	.06	1	14
876TS-646	1	43	26	191	.3	24	11	258	2.77	4	5	ND	3	12	1	2	2	42	.50	.076	10	29	.31	81	.03	2	2.33	.01	.04	1	1
876TS-647	1	98	19	93	.2	23	10	184	3.05	21	5	ND	3	8	2	2	2	49	.18	.076	11	31	.24	96	.04	2	2.46	.01	.03	1	58
876TS-648	2	119	18	87	.1	31	17	507	2.72	6	5	ND	2	9	1	2	2	50	.24	.042	10	29	.32	67	.05	2	2.07	.01	.03	1	6
876TS-649	2	69	20	63	.3	20	10	205	3.04	6	5	ND	3	7	2	2	2	58	.14	.027	13	26	.65	53	.14	3	2.59	.01	.03	1	1
876TS-650	1	49	12	44	.2	16	9	256	1.78	13	5	ND	3	10	1	2	2	38	.25	.013	9	24	.47	43	.07	2	1.70	.01	.03	1	1
876TS-651	2	36	9	38	.2	20	8	126	2.13	8	5	ND	2	8	1	3	2	43	.13	.021	8	27	.42	42	.10	3	1.62	.01	.03	1	1
876TS-655	1	21	16	44	.3	9	5	113	2.28	4	5	ND	3	7	1	2	2	61	.11	.023	8	17	.37	38	.08	4	1.44	.01	.04	2	2
876TS-656	1	18	7	32	.1	12	5	88	1.88	3	5	ND	2	8	1	2	2	40	.11	.018	8	21	.30	41	.07	2	1.43	.01	.03	1	1
876TS-657	4	35	11	89	.4	24	9	152	3.02	4	5	ND	3	9	1	2	2	49	.16	.131	8	46	.61	33	.08	7	2.13	.01	.06	1	1
876TS-658	1	9	10	17	.2	11	3	74	.88	2	8	ND	3	9	1	2	2	16	.20	.015	8	20	.28	26	.07	3	.85	.01	.04	1	2
876TS-659	1	7	5	11	.1	10	3	65	1.02	2	5	ND	4	7	1	2	2	19	.15	.023	7	18	.23	18	.07	2	.77	.01	.03	1	3
876TS-660	1	10	8	78	.1	12	4	146	1.41	2	5	ND	3	9	1	2	2	25	.15	.037	9	23	.29	38	.07	2	1.08	.01	.04	1	1
876TS-661	2	40	11	28	.1	9	3	75	1.26	2	5	ND	4	8	1	2	2	28	.11	.025	8	17	.24	28	.08	2	.85	.01	.03	1	1
876TS-662	1	4	5	13	.1	4	1	77	.79	2	5	ND	3	6	1	3	2	19	.08	.011	8	12	.09	18	.06	2	.51	.01	.02	1	1
876TS-663	1	5	2	14	.1	3	1	56	.54	2	5	ND	2	7	1	2	2	14	.08	.009	8	9	.07	23	.04	3	.37	.01	.03	1	1
876TS-664	1	15	10	27	.1	12	4	94	1.37	3	5	ND	4	7	1	2	2	23	.14	.041	12	20	.27	20	.06	2	.80	.01	.05	1	2
876TS-665	1	9	7	29	.1	13	4	123	1.19	2	5	ND	4	11	1	2	2	21	.17	.013	10	25	.37	35	.08	2	.98	.01	.05	2	2
876TS-666	2	27	14	60	.3	26	10	561	2.26	5	5	ND	4	27	3	2	2	33	.48	.033	14	35	.38	97	.07	3	2.68	.01	.04	1	1
876TS-667	1	23	14	41	.1	13	5	117	2.57	6	5	ND	3	11	1	2	2	48	.15	.026	9	26	.30	43	.09	2	1.54	.01	.03	4	1
876TS-668	1	8	12	10	.1	5	2	40	1.00	2	5	ND	3	7	1	2	2	31	.07	.009	8	16	.18	22	.08	2	.92	.01	.02	1	2
876TS-669	1	8	12	31	.1	7	3	54	1.11	2	5	ND	2	8	1	2	2	29	.12	.023	10	14	.24	39	.08	2	1.01	.01	.03	1	1
876TS-670	1	12	7	33	.2	28	6	94	2.27	2	5	ND	3	8	1	2	2	37	.11	.035	8	83	.31	61	.08	2	1.72	.01	.02	2	10
876TS-671	1	20	12	37	.2	15	13	690	1.90	2	5	ND	2	10	1	2	2	30	.14	.037	10	25	.34	46	.06	3	1.31	.01	.04	1	1
876TS-672	1	18	10	37	.1	21	7	280	2.00	2	5	ND	7	31	1	2	2	35	.60	.022	20	42	.63	65	.13	2	1.51	.03	.11	1	1
876TS-673	1	19	9	53	.3	25	9	420	2.32	2	5	ND	8	31	1	2	2	39	.64	.016	16	45	.72	80	.13	3	1.93	.03	.09	1	1
876TS-674	1	24	11	63	.3	30	10	451	2.76	2	5	ND	9	32	1	2	2	47	.69	.027	22	56	.90	96	.16	3	2.18	.04	.20	1	1
876TS-675	1	18	9	42	.2	19	7	271	1.81	3	5	ND	4	18	1	2	2	33	.43	.030	16	32	.46	69	.09	2	1.57	.02	.08	2	1
876TS-676	1	24	7	61	.2	28	10	405	2.60	2	5	ND	11	26	1	2	2	45	.63	.024	21	52	.90	84	.17	4	1.92	.04	.23	1	1
876TS-677	1	10	4	25	.1	13	4	96	1.09	2	5	ND	1	11	1	2	3	19	.19	.021	8	24	.36	29	.08	2	1.06	.01	.04	1	2
876TS-678	1	12	2	66	.1	20	6	243	1.83	2	5	ND	6	18	1	2	2	34	.34	.018	14	38	.69	42	.14	2	1.32	.02	.12	1	1
876TS-679	1	27	14	125	.4	33	11	511	2.84	2	5	ND	9	29	1	2	2	48	.69	.027	25	57	1.06	102	.17	6	2.13	.03	.28	1	1
876TS-680	1	22	14	108	.4	28	9	433	2.47	2	5	ND	8	24	1	2	2	41	.54	.020	22	50	.86	90	.14	4	1.89	.03	.21	1	1
876TS-681	1	26	8	46	.3	23	7	357	2.15	2	6	ND	5	46	1	2	2	32	1.11	.041	38	40	.59	97	.08	2	1.84	.02	.13	1	1
876TS-682	1	19	5	44	.1	20	7	444	1.71	2	5	ND	5	30	1	2	2	29	.62	.027	25	35	.49	68	.09	2	1.42	.02	.09	1	2
STD C/AU-S	18	60	40	134	7.5	69	28	1063	3.91	41	22	8	40	51	20	17	20	60	.49	.088	39	64	.89	183	.08	34	1.83	.06	.14	12	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
87GTS-683	1	8	4	25	.1	8	2	72	.86	2	5	ND	4	11	1	2	2	18	.14	.010	11	16	.22	20	.09	3	.72	.01	.04	2	7
87GTS-684	1	7	4	39	.1	8	3	103	1.31	2	5	ND	6	9	1	2	4	24	.14	.041	11	19	.20	22	.08	6	.82	.01	.04	4	41
87GTS-685	1	7	7	32	.1	9	3	119	1.07	2	5	ND	5	15	1	2	2	23	.23	.016	13	21	.29	22	.11	2	.83	.02	.05	1	1
87GTS-686	1	17	9	67	.4	29	9	441	2.65	2	5	ND	11	28	1	2	3	48	.41	.017	16	57	.78	74	.19	5	2.15	.03	.20	1	1
87GTS-687	1	8	6	28	.1	7	3	285	1.18	2	5	ND	4	7	1	2	2	22	.10	.037	7	15	.14	19	.06	2	.67	.01	.02	2	3
87GTS-688	1	15	10	70	.2	28	9	404	2.62	2	5	ND	9	28	1	5	2	49	.48	.025	16	53	.80	66	.21	3	2.01	.04	.23	1	1
87GTS-689	1	16	6	85	.2	28	8	375	2.57	2	5	ND	8	28	1	2	2	46	.47	.024	16	56	.79	64	.20	2	2.06	.03	.21	1	1
87GTS-690	1	8	9	34	.2	5	2	67	1.08	2	5	ND	4	9	1	2	2	23	.12	.024	10	15	.16	23	.09	6	.82	.01	.03	2	1
87GTS-691	1	14	7	47	.1	9	4	90	1.89	10	5	ND	4	6	1	2	2	29	.10	.121	7	22	.19	17	.06	2	1.16	.01	.03	1	2
87GTS-692	1	17	12	78	.4	29	10	429	2.67	2	5	ND	9	27	1	2	3	47	.46	.029	16	56	.81	69	.19	4	2.11	.03	.21	1	1
87GTS-693	1	14	7	47	.1	18	7	278	1.60	2	5	ND	5	21	1	2	2	28	.63	.025	18	31	.45	56	.10	3	1.27	.02	.11	3	1
87GTS-694	1	12	5	20	.1	12	4	180	1.13	2	5	ND	4	12	1	2	2	19	.40	.022	12	21	.27	39	.07	2	.96	.02	.06	2	1
87GTS-695	1	6	8	22	.1	7	2	75	.87	2	5	ND	5	8	1	2	2	18	.15	.007	8	15	.20	13	.07	5	.56	.01	.04	2	2
87GTS-696	1	5	2	12	.1	6	2	58	.70	2	5	ND	3	8	1	2	7	15	.13	.005	6	14	.18	11	.07	6	.46	.01	.03	1	1
87GTS-697	1	13	5	62	.1	25	9	376	2.39	2	5	ND	7	26	1	2	3	44	.51	.015	14	50	.69	53	.18	2	1.75	.03	.18	1	1
87GTS-698	1	25	4	25	.3	14	5	165	1.28	17	5	ND	5	13	1	2	2	21	.56	.019	11	25	.28	41	.07	2	1.20	.02	.03	1	1
87GTS-699	1	137	6	118	.1	59	17	353	3.28	13	5	ND	5	13	1	2	2	50	.34	.049	10	39	.48	65	.09	3	2.76	.01	.07	2	1
87GTS-700	1	32	2	43	.2	21	7	184	2.13	3	5	ND	5	10	1	2	2	43	.18	.019	9	28	.32	39	.09	3	1.76	.01	.03	1	590
87GTS-701	1	16	4	20	.3	12	4	58	1.64	2	5	ND	4	6	1	2	2	34	.08	.014	7	20	.18	33	.08	2	1.39	.01	.02	1	9
87GTS-702	1	27	6	62	.1	16	6	142	1.88	3	5	ND	3	10	1	2	2	40	.22	.018	8	26	.33	35	.08	2	1.45	.01	.02	1	1
87GTS-703	1	9	2	13	.1	6	3	99	.80	2	5	ND	5	7	1	2	3	15	.22	.006	10	13	.14	17	.06	2	.69	.01	.02	1	1
87GTS-704	1	74	5	109	.2	29	13	388	2.47	5	5	ND	4	11	1	2	5	47	.45	.022	10	38	.50	40	.07	2	2.06	.01	.03	1	2
87GTS-705	1	15	5	21	.4	13	4	98	1.09	2	5	ND	3	13	2	2	2	18	.40	.030	12	21	.26	40	.06	2	1.03	.01	.03	1	1
87GTS-706	1	21	2	20	.1	14	4	97	1.02	2	5	ND	2	10	1	2	3	18	.24	.023	8	19	.30	23	.08	2	.90	.01	.04	1	1
87GTS-707	1	43	12	214	.5	37	17	1320	2.82	3	5	ND	5	14	1	2	2	41	.35	.094	14	37	.47	102	.07	4	2.64	.01	.09	1	2
87GTS-708	1	36	9	193	.1	21	16	1133	2.98	2	5	ND	2	9	1	2	2	50	.23	.051	12	28	.37	78	.07	2	1.57	.01	.07	1	1
87GTS-709	1	49	7	136	.1	20	15	458	3.41	4	5	ND	2	9	1	3	2	120	.28	.067	7	21	.39	57	.16	2	2.12	.01	.05	1	1
87GTS-710	1	27	8	74	.3	15	7	161	1.67	2	5	ND	4	9	1	2	3	35	.12	.021	10	26	.29	39	.07	2	1.59	.01	.04	1	1
87GTS-711	1	30	9	85	.1	19	12	1270	2.15	2	5	ND	1	9	1	2	2	45	.16	.034	9	25	.28	79	.07	5	1.63	.01	.03	1	2
87GTS-712	1	28	7	40	.3	26	8	140	2.58	6	6	ND	4	8	2	3	2	51	.11	.025	8	31	.31	39	.09	4	2.00	.01	.04	2	5
87GTS-713	1	20	6	32	.1	18	6	172	2.03	2	5	ND	3	13	1	2	2	42	.18	.027	9	29	.37	32	.11	2	1.32	.01	.04	2	1
87GTS-714	1	33	4	56	.3	23	6	303	1.95	2	5	ND	5	28	1	2	2	33	1.46	.058	21	38	.49	84	.08	7	1.58	.03	.13	1	1
87GTS-715	1	19	8	44	.1	19	6	280	1.77	2	5	ND	6	19	1	3	2	30	.72	.028	16	33	.51	52	.10	2	1.32	.03	.11	2	1
87GTS-719	1	25	6	111	.1	19	7	220	2.01	5	6	ND	3	12	1	3	4	40	.25	.030	11	31	.40	50	.08	2	1.58	.01	.05	1	2
87GTS-720	1	52	12	244	.4	39	24	1374	5.38	51	5	ND	4	9	2	3	4	83	.22	.081	9	58	.89	88	.08	2	3.02	.01	.06	1	1
87GTS-721	1	32	11	175	.1	20	13	988	3.08	4	6	ND	3	14	1	3	2	53	.34	.043	10	30	.39	73	.10	2	1.69	.01	.07	1	1
STD C/AU-S	17	60	39	132	7.5	69	28	1053	3.92	38	27	6	40	51	20	16	23	59	.44	.090	38	63	.80	181	.08	31	1.80	.06	.13	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
876TS-722	1	27	13	33	.1	14	4	213	1.23	2	5	ND	3	18	1	2	2	23	1.64	.027	8	22	.33	31	.07	8	.91	.02	.06	1	1
876TS-723	1	10	9	38	.1	12	4	257	1.21	2	5	ND	5	15	1	2	2	24	.28	.016	11	23	.35	32	.10	4	.86	.02	.06	1	1
876TS-724	1	8	4	26	.1	11	3	121	1.20	2	5	ND	5	14	1	2	2	24	.28	.023	10	23	.34	23	.11	2	.79	.02	.05	1	1
876TS-725	1	22	12	62	.2	25	8	371	2.23	5	5	ND	6	26	1	3	2	38	.83	.027	19	44	.62	63	.13	8	1.62	.03	.16	1	1
876TS-726	1	23	11	87	.3	30	11	535	2.95	2	5	ND	8	31	1	3	2	52	.60	.031	19	54	.88	76	.21	4	2.08	.04	.20	1	1
876TS-727	1	43	14	229	.2	31	19	775	3.99	18	7	ND	5	9	1	2	2	54	.17	.098	10	39	.44	84	.05	4	2.21	.01	.07	1	17
876TS-728	1	35	13	38	.1	8	3	102	1.96	2	6	ND	4	7	1	2	2	59	.14	.024	11	17	.17	53	.08	3	1.29	.01	.03	1	1
876TS-729	2	45	17	59	.1	36	13	220	4.03	14	5	ND	4	8	1	2	2	81	.15	.021	8	55	.61	43	.10	2	2.61	.01	.04	1	1
876TS-730	1	20	12	39	.1	11	4	104	2.49	5	5	ND	4	9	1	3	2	61	.12	.023	9	23	.30	34	.11	4	1.34	.01	.04	1	56
876TS-731	1	20	11	33	.3	12	4	85	1.85	5	5	ND	4	9	1	2	2	49	.12	.017	9	19	.25	28	.11	4	1.17	.01	.05	2	1
876TS-732	1	62	16	53	.2	11	4	153	1.97	8	5	ND	3	8	1	2	4	51	.20	.033	9	29	.36	49	.11	2	1.30	.01	.05	1	67
876TS-733	1	22	11	46	.2	21	8	195	2.09	7	5	ND	5	10	1	2	2	32	.19	.093	10	28	.38	45	.08	3	1.60	.02	.05	1	1
876TS-734	1	7	4	18	.1	10	3	70	1.18	2	5	ND	4	9	1	2	2	23	.13	.019	9	18	.20	22	.08	5	.89	.01	.03	1	1
STD C/AU-S	18	62	41	135	7.3	69	29	1080	4.05	41	24	7	39	52	17	16	19	62	.47	.091	39	59	.84	177	.09	37	1.83	.07	.14	13	48
876TS-735	1	5	6	22	.3	8	3	92	.98	2	5	ND	6	9	1	2	2	19	.17	.026	10	14	.20	22	.08	5	.79	.01	.03	1	1
876TS-736	1	7	7	15	.1	9	3	74	1.02	2	5	ND	4	8	1	2	2	18	.16	.022	8	16	.22	21	.08	2	.82	.01	.03	1	1
876TS-737	1	20	8	107	.2	33	10	460	2.79	3	5	ND	8	25	2	2	2	45	.46	.039	16	54	.87	96	.18	5	2.30	.04	.30	1	1
876TS-738	1	10	5	18	.1	12	4	79	.91	3	5	ND	4	11	1	2	5	19	.17	.014	9	19	.31	23	.08	5	.80	.01	.03	1	1
876TS-739	1	8	8	37	.1	9	4	220	1.71	2	6	ND	5	9	1	2	2	29	.12	.061	9	20	.22	30	.07	3	1.32	.01	.04	2	1
876TS-740	1	7	2	17	.1	11	4	92	1.29	2	5	ND	4	10	1	2	2	24	.15	.020	8	17	.23	31	.09	2	1.06	.01	.02	1	1
876TS-741	1	8	10	28	.1	8	3	56	.85	2	5	ND	4	10	1	2	2	18	.12	.016	9	19	.21	23	.07	4	.80	.01	.03	3	8
876TS-742	1	6	4	15	.1	8	3	76	.92	2	5	ND	3	11	1	2	2	19	.19	.017	8	15	.22	15	.08	2	.68	.01	.03	1	1
876TS-743	1	16	8	42	.3	19	7	308	1.99	3	5	ND	8	22	1	2	2	35	.47	.018	19	36	.58	56	.13	4	1.43	.03	.13	2	1
876TS-744	1	12	14	76	.3	24	8	319	2.40	2	5	ND	7	24	1	2	2	43	.41	.021	14	42	.68	55	.17	5	1.86	.03	.14	1	2
876TS-745	1	13	5	54	.1	8	3	91	1.99	5	5	ND	4	8	1	2	2	33	.10	.093	8	22	.23	40	.07	2	1.37	.01	.05	1	17
876TS-746	1	10	8	65	.1	23	8	382	2.33	2	5	ND	6	24	1	2	3	42	.41	.020	14	42	.70	53	.18	3	1.63	.04	.16	1	6
876TS-747	1	10	7	58	.2	19	6	225	1.80	2	5	ND	6	20	1	2	3	32	.37	.025	14	35	.58	42	.15	2	1.31	.03	.15	1	1
876TS-748	1	8	13	43	.2	14	4	134	1.45	2	5	ND	4	17	1	2	2	27	.28	.016	12	27	.46	29	.13	2	1.18	.02	.09	1	1
876TS-749	1	9	8	30	.1	15	5	188	1.53	2	5	ND	5	18	1	2	3	29	.32	.023	13	29	.46	31	.13	2	1.07	.03	.10	1	2
876TS-750	1	12	12	74	.1	25	8	422	2.42	2	5	ND	8	24	1	2	2	43	.43	.028	15	44	.73	55	.18	5	1.72	.03	.17	1	1
876TS-751	1	12	11	67	.4	23	7	309	2.28	2	5	ND	6	23	1	2	2	40	.40	.021	14	43	.70	60	.17	2	1.68	.03	.16	1	1
876TS-752	1	12	8	47	.1	22	8	458	2.29	2	5	ND	7	23	1	2	2	40	.37	.024	12	41	.64	60	.15	4	1.69	.03	.14	1	8
876TS-753	1	6	2	13	.1	8	3	72	.92	2	5	ND	4	8	1	2	2	18	.14	.017	8	15	.21	22	.08	2	.72	.01	.03	1	1
876TS-754	1	5	3	14	.1	6	2	54	.75	2	5	ND	3	8	1	2	2	15	.11	.011	9	12	.15	16	.07	2	.68	.01	.02	2	1
876TS-755	1	11	6	40	.1	16	5	279	1.58	2	5	ND	4	17	1	2	3	28	.28	.027	11	31	.45	46	.11	5	1.22	.02	.10	1	1
876TS-756	1	10	8	23	.1	9	3	106	1.04	3	5	ND	2	8	1	2	2	26	.14	.018	8	16	.19	21	.07	2	.69	.01	.03	1	1
876TS-757	1	26	8	14	.1	4	1	38	.76	2	5	ND	2	5	1	2	2	24	.08	.014	11	11	.09	45	.03	3	.85	.01	.02	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
876TS-758	1	26	7	38	.1	21	10	161	2.52	6	5	ND	4	7	1	2	2	56	.17	.013	7	42	.61	25	.09	2	1.47	.01	.01	1	5
876TS-759	1	36	13	172	.3	24	14	759	3.74	16	5	ND	4	10	1	2	2	65	.26	.100	10	43	.66	84	.05	2	2.39	.01	.06	1	87
876TS-760	1	23	7	136	.2	29	12	425	3.10	12	5	ND	5	12	1	3	3	55	.25	.036	9	53	.86	48	.12	5	2.04	.01	.04	1	7
876TS-761	1	22	4	44	.3	20	7	310	1.94	2	5	ND	8	19	1	2	2	36	.45	.037	13	38	.63	41	.13	7	1.34	.03	.08	1	5
876TS-762	1	30	4	46	.1	20	6	191	1.46	3	5	ND	3	12	1	2	2	28	.31	.021	9	25	.39	37	.08	2	1.18	.01	.05	1	4
876TS-763	1	59	2	61	.1	29	11	262	2.72	5	5	ND	3	8	1	2	2	47	.23	.059	7	40	.73	24	.09	2	1.45	.01	.03	1	1
876TS-764	1	7	5	13	.1	9	3	89	.83	2	5	ND	4	9	1	2	2	15	.31	.030	12	15	.24	26	.06	11	.61	.02	.05	1	1
876TS-765	1	18	8	51	.1	12	5	163	1.41	2	5	ND	3	10	1	2	2	28	.25	.028	9	23	.37	35	.08	3	.97	.01	.05	1	1
876TS-766	1	22	2	70	.2	23	9	385	2.12	2	5	ND	5	18	1	3	2	38	.41	.020	11	42	.67	56	.12	2	1.89	.02	.07	1	1
876TS-767	2	17	5	16	.1	7	3	205	.71	2	5	ND	3	12	1	2	2	14	.33	.013	11	12	.16	26	.05	2	.66	.01	.03	1	2
876TS-768	1	3	2	3	.1	2	1	16	.45	2	5	ND	4	5	1	2	2	18	.08	.005	7	7	.06	9	.07	2	.36	.01	.02	1	1
876TS-769	1	16	2	41	.1	16	6	222	1.65	2	5	ND	5	15	1	2	2	34	.40	.017	13	32	.48	44	.11	2	1.27	.02	.08	1	1
876TS-770	1	17	7	64	.3	22	7	344	1.95	2	5	ND	9	21	2	2	2	37	.49	.025	21	38	.65	62	.13	2	1.45	.03	.15	1	1
876TS-771	1	16	9	54	.1	20	7	286	1.91	2	5	ND	5	20	1	2	2	37	.46	.022	16	40	.64	46	.14	2	1.36	.03	.15	1	1
876TS-772	1	6	4	19	.1	8	3	71	.85	2	5	ND	4	9	1	2	2	17	.19	.020	8	15	.26	17	.07	2	.61	.01	.05	1	1
876TS-773	1	5	2	13	.1	5	2	52	.72	2	5	ND	3	7	1	2	2	15	.15	.027	8	10	.13	10	.06	5	.40	.01	.02	1	1
876TS-774	1	16	3	27	.1	17	5	165	1.50	5	5	ND	6	9	1	2	2	25	.23	.081	11	19	.26	35	.07	2	1.05	.01	.04	1	1
876TS-775	2	41	6	61	.2	28	8	409	2.07	7	5	ND	5	10	1	2	2	32	.23	.091	10	34	.43	60	.09	2	1.42	.01	.05	1	1
876TS-776	1	17	3	16	.1	13	3	80	.97	2	5	ND	4	9	1	2	2	19	.20	.024	8	17	.28	35	.07	2	.93	.01	.03	1	2
876TS-777	1	10	6	12	.1	10	3	85	.76	2	5	ND	3	9	1	2	2	15	.17	.014	8	14	.24	21	.07	2	.70	.01	.02	1	2
876TS-778	1	15	3	45	.1	14	5	111	1.57	2	5	ND	4	8	1	2	2	30	.14	.018	10	21	.29	45	.08	3	1.41	.01	.03	1	1
876TS-779	1	17	7	15	.1	10	3	56	1.01	2	5	ND	4	7	2	2	2	23	.14	.011	7	14	.23	18	.08	2	.82	.01	.02	1	1
876TS-780	2	13	4	9	.1	7	2	53	.59	2	5	ND	1	10	1	2	2	17	.27	.021	8	14	.18	17	.06	2	.64	.01	.02	1	1
876TS-781	3	14	8	21	.1	10	4	121	1.09	4	5	ND	4	11	1	2	2	23	.32	.029	12	17	.24	26	.07	3	.74	.01	.04	1	1
876TS-782	1	11	6	20	.2	8	3	112	.89	2	8	ND	4	12	1	2	2	19	.37	.024	8	15	.22	23	.06	2	.67	.01	.03	1	1
876TS-783	1	16	9	40	.1	14	5	217	1.46	4	5	ND	2	12	1	2	2	29	.30	.029	10	24	.35	37	.08	2	1.09	.01	.05	1	2
876TS-784	1	9	8	14	.1	6	2	192	.72	2	5	ND	4	14	1	2	2	21	.68	.035	13	15	.22	33	.05	4	.58	.01	.04	1	1
876TS-785	1	11	4	16	.1	8	3	101	1.46	9	5	ND	5	14	1	2	2	19	.87	.039	20	17	.28	33	.05	6	.55	.02	.06	2	1
876TS-786	1	18	9	48	.1	17	6	374	1.83	2	5	ND	6	18	2	2	2	32	.74	.037	16	31	.50	63	.10	4	1.29	.03	.09	2	1
876TS-787	1	16	6	31	.1	11	4	291	1.41	3	5	ND	2	14	1	2	2	28	.54	.025	10	22	.29	40	.06	2	1.07	.01	.03	1	1
876TS-788	1	17	7	41	.1	11	5	477	1.55	4	5	ND	3	15	1	2	2	31	.61	.029	11	23	.30	53	.07	2	1.19	.01	.04	1	1
876TS-789	1	17	6	43	.1	10	5	549	1.59	3	5	ND	3	13	1	2	2	31	.44	.029	10	21	.29	52	.07	2	1.19	.01	.04	1	1
876TS-790	1	229	5	86	.1	81	14	781	2.64	15	5	ND	3	11	1	2	2	39	.62	.023	11	35	.50	79	.06	4	2.86	.01	.05	1	1
876TS-791	1	33	9	58	.1	19	6	358	1.76	4	5	ND	2	12	1	2	2	37	.40	.027	8	33	.46	56	.09	2	1.36	.01	.05	1	1
876TS-792	1	18	5	28	.1	11	6	263	1.07	2	5	ND	2	8	1	2	2	22	.16	.010	8	16	.22	33	.06	2	1.02	.01	.02	1	1
876TS-793	1	12	7	17	.2	8	3	101	.90	2	6	ND	3	8	1	4	2	25	.17	.008	8	13	.17	31	.06	2	.69	.01	.02	1	1
STD C/AU-S	19	58	37	128	7.1	65	27	1018	3.76	39	21	8	39	49	18	17	23	57	.47	.086	37	61	.89	174	.08	36	1.76	.06	.13	13	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
876TS-794	1	475	18	80	.4	128	15	732	2.36	2	5	ND	5	8	3	2	2	35	.53	.032	13	29	.26	84	.06	4	3.17	.01	.03	1	1
876TS-795	1	35	4	41	.3	19	6	125	1.77	6	5	ND	4	7	1	3	2	37	.14	.016	7	18	.26	48	.07	9	1.51	.01	.04	2	1
876TS-796	1	32	9	44	.1	20	6	130	2.04	4	5	ND	4	8	1	2	2	34	.15	.039	9	25	.35	26	.08	2	1.47	.01	.04	2	1
876TS-797	1	4	8	1	.1	1	1	4	.12	2	5	ND	3	4	3	2	2	5	.04	.007	9	2	.03	5	.04	2	.19	.01	.02	1	2
876TS-798	1	6	4	13	.2	5	2	87	1.03	2	5	ND	3	7	3	2	2	21	.11	.031	7	13	.11	21	.06	4	.52	.01	.02	1	2
876TS-799	1	9	7	16	.1	9	3	59	1.41	3	5	ND	8	5	1	2	2	25	.11	.050	12	15	.16	18	.06	2	.99	.01	.02	2	1
876TS-800	1	5	4	19	.2	4	2	111	1.09	2	5	ND	4	7	2	2	2	24	.12	.028	8	11	.12	23	.06	3	.68	.01	.04	1	1
876TS-801	1	3	2	6	.4	1	1	107	.61	2	5	ND	4	7	2	2	2	15	.08	.008	12	7	.04	29	.04	6	.26	.01	.03	1	1
876TS-802	3	14	6	33	.1	16	6	162	1.92	2	5	ND	3	10	1	2	3	49	.23	.030	6	45	.57	27	.14	2	1.05	.01	.04	1	1
876TS-803	1	4	5	3	.1	1	1	36	.50	2	5	ND	2	5	3	2	2	13	.07	.007	9	7	.04	14	.04	2	.22	.01	.02	1	1
876TS-804	1	5	6	12	.2	3	1	84	.92	2	5	ND	3	8	2	4	2	21	.10	.023	8	9	.10	22	.06	2	.44	.01	.03	1	1
876TS-805	1	4	2	10	.1	2	1	42	.65	2	5	ND	2	6	2	2	2	15	.07	.013	8	7	.05	18	.05	4	.27	.01	.02	1	2
876TS-806	1	5	8	15	.1	4	1	32	.99	2	5	ND	3	5	3	2	2	19	.06	.034	7	9	.09	14	.05	7	.68	.01	.02	1	1
876TS-807	1	3	2	2	.1	1	1	9	.36	2	5	ND	2	4	3	2	2	9	.03	.006	5	4	.03	11	.03	8	.20	.01	.01	1	1
876TS-808	1	4	6	7	.1	2	1	20	.49	2	5	ND	3	5	2	2	3	16	.05	.010	8	7	.07	10	.06	2	.46	.01	.02	1	2
876TS-809	1	5	2	4	.1	1	1	20	.79	2	5	ND	2	4	1	2	2	20	.04	.012	8	8	.04	10	.05	5	.38	.01	.02	1	1
876TS-810	1	7	5	24	.1	7	2	76	1.53	3	5	ND	6	6	1	2	3	33	.08	.020	10	15	.15	21	.07	6	.89	.01	.02	1	2
876TS-811	1	9	7	33	.2	8	3	235	1.87	2	5	ND	6	6	4	2	2	38	.07	.031	10	17	.15	29	.07	4	1.28	.01	.02	1	1
876TS-812	1	10	6	35	.2	10	4	270	1.54	3	5	ND	5	6	2	2	2	29	.08	.037	9	16	.17	35	.06	4	1.41	.01	.03	1	1
876TS-813	1	6	5	14	.1	5	2	108	1.31	2	5	ND	4	6	1	2	3	28	.07	.022	8	13	.13	14	.06	3	.59	.01	.02	1	6
876TS-814	1	3	2	16	.1	1	1	9	.35	2	5	ND	2	3	1	2	2	9	.02	.004	5	3	.02	9	.03	4	.20	.01	.01	2	3
876TS-815	1	9	10	25	.1	7	3	56	2.06	2	5	ND	3	5	1	2	2	38	.06	.079	7	17	.13	23	.06	3	1.42	.01	.03	1	2
876TS-816	1	6	4	12	.2	3	1	66	.97	2	5	ND	3	5	1	2	2	21	.05	.017	9	9	.08	17	.04	6	.57	.01	.02	1	24
876TS-817	1	6	6	15	.1	4	2	113	1.11	2	5	ND	3	5	2	3	2	25	.10	.027	7	12	.10	18	.05	2	.51	.01	.02	1	3
876TS-818	1	7	6	8	.1	3	1	25	.87	2	5	ND	4	6	1	5	2	22	.06	.010	8	10	.10	14	.06	5	.50	.01	.02	2	3
876TS-819	1	6	5	15	.1	4	1	48	.88	2	5	ND	3	8	1	2	2	23	.06	.014	11	11	.09	22	.05	4	.48	.01	.02	1	40
876TS-820	1	8	4	23	.1	6	2	123	1.78	3	5	ND	5	5	2	2	2	38	.05	.042	9	17	.13	29	.07	2	.84	.01	.02	1	2
876TS-821	1	14	4	58	.1	12	5	185	2.30	4	5	ND	5	6	2	2	2	41	.08	.057	12	21	.25	42	.08	2	1.51	.01	.04	1	8
876TS-822	1	10	5	42	.1	9	4	284	1.84	2	5	ND	6	6	2	2	2	33	.07	.036	10	19	.19	40	.07	2	1.23	.01	.03	1	6
876TS-823	1	13	3	40	.1	16	5	166	1.49	2	5	ND	4	16	1	2	2	27	.29	.043	10	26	.47	35	.10	3	1.17	.02	.04	1	4
876TS-824	1	44	3	10	.1	8	3	81	1.65	2	5	ND	3	5	2	2	2	41	.12	.009	6	20	.31	9	.13	2	1.32	.01	.01	1	13
876TS-825	1	41	11	35	.1	4	1	91	1.66	2	5	ND	1	4	1	2	2	33	.07	.073	9	9	.05	65	.04	2	1.20	.01	.02	1	11
876TS-826	1	31	11	30	.1	4	1	64	1.12	3	5	ND	1	6	1	2	2	25	.06	.030	9	9	.09	56	.04	2	.83	.01	.03	1	1
876TS-827	1	14	6	29	.1	15	5	270	1.49	2	5	ND	5	12	1	2	2	28	.21	.023	12	27	.48	33	.10	2	1.08	.02	.06	1	1
876TS-828	1	8	6	25	.1	10	3	131	1.07	2	5	ND	4	11	1	2	2	21	.17	.014	8	20	.33	24	.09	2	.76	.02	.04	2	2
876TS-829	1	7	5	10	.1	6	2	61	.68	2	5	ND	3	9	1	2	2	14	.19	.012	8	11	.18	13	.06	3	.54	.01	.03	2	1
STD C/AU-S	18	60	38	133	7.4	67	28	1053	3.92	39	21	7	39	50	19	18	22	59	.46	.090	38	58	.90	181	.08	37	1.83	.06	.13	13	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
876TS-830	1	8	7	17	.1	12	4	101	1.27	2	5	ND	6	12	1	2	2	24	.27	.035	9	20	.30	25	.09	3	.94	.02	.05	1	1
876TS-831	1	5	7	10	.2	6	2	52	.78	2	5	ND	5	8	2	2	2	17	.15	.016	8	12	.15	16	.07	3	.70	.01	.03	1	1
876TS-832	1	4	2	7	.1	5	1	37	.54	2	5	ND	4	8	1	2	2	13	.13	.010	8	9	.13	12	.07	2	.56	.01	.02	1	1
876TS-833	1	5	3	13	.1	6	2	60	.71	2	5	ND	4	9	2	3	2	16	.18	.010	7	12	.18	13	.07	3	.55	.01	.03	1	2
876TS-834	1	15	6	15	.1	11	4	102	1.09	2	5	ND	7	12	2	2	2	21	.36	.020	12	18	.27	16	.08	4	.73	.02	.03	1	1
876TS-836	1	9	7	24	.1	9	5	1072	1.48	3	5	ND	5	14	1	2	2	22	.45	.011	10	22	.30	34	.07	4	.91	.02	.05	1	1
876TS-837	1	18	7	18	.1	9	3	126	.84	2	5	ND	3	10	1	2	2	17	.27	.018	9	13	.19	24	.06	2	.73	.01	.03	1	2
876TS-838	1	13	3	19	.1	10	4	156	.98	2	5	ND	3	12	1	2	2	18	.39	.025	10	19	.25	33	.06	2	.80	.02	.03	1	2
876TS-839	1	10	2	13	.3	10	4	97	.98	3	5	ND	6	11	1	2	2	21	.33	.027	12	18	.23	25	.07	4	.67	.02	.03	1	1
876TS-840	1	9	4	17	.1	9	3	95	.96	2	5	ND	4	13	1	2	2	19	.57	.022	9	17	.24	28	.07	2	.84	.01	.05	1	4
876TS-841	1	15	4	35	.4	16	5	208	1.65	2	5	ND	6	17	1	2	2	31	.39	.024	14	32	.55	35	.12	4	1.15	.03	.09	1	1
876TS-842	1	12	9	18	.1	11	4	106	1.10	3	5	ND	5	13	2	2	2	21	.45	.027	11	19	.28	31	.07	2	.90	.02	.05	2	1
876TS-843	1	11	5	18	.1	11	3	153	1.03	2	5	ND	4	12	1	2	2	20	.37	.022	11	17	.26	30	.07	2	.89	.02	.05	1	2
876TS-844	1	10	11	46	.2	15	6	253	1.58	2	5	ND	8	19	2	4	2	30	.41	.013	13	30	.49	44	.13	4	1.15	.02	.08	1	1
876TS-845	1	80	17	77	.1	30	20	274	3.81	4	5	ND	3	14	1	2	2	46	.22	.060	11	45	.50	87	.10	2	3.22	.02	.08	1	2
876TS-846	1	41	11	30	.1	5	2	58	1.56	2	5	ND	4	5	1	2	2	34	.07	.017	10	22	.19	40	.05	2	1.50	.01	.03	1	1
876TS-847	1	6	4	8	.1	4	1	50	.69	2	5	ND	4	12	1	2	2	18	.17	.007	11	12	.15	12	.08	6	.56	.01	.03	1	1
876TS-848	1	9	8	37	.1	16	5	197	1.67	4	5	ND	5	21	1	2	2	33	.34	.015	12	31	.48	32	.12	4	1.42	.02	.06	1	1
876TS-849	1	8	4	23	.1	12	4	131	1.34	2	5	ND	5	17	1	3	3	30	.24	.010	12	25	.37	22	.11	2	1.00	.02	.04	1	1
876TS-850	1	29	7	39	.1	19	6	141	2.21	5	5	ND	6	11	1	2	2	50	.19	.018	8	28	.40	24	.14	3	1.31	.01	.04	3	1
876TS-851	1	9	6	17	.1	10	3	61	.83	2	5	ND	3	8	1	2	2	18	.12	.007	8	15	.22	14	.07	2	.74	.01	.02	2	1
876TS-852	1	45	8	52	.3	20	7	145	1.65	2	5	ND	6	30	2	2	2	23	1.33	.044	21	36	.42	91	.07	3	1.76	.02	.06	1	2
876TS-853	1	14	3	14	.2	13	5	75	1.11	2	5	ND	8	12	2	2	2	21	.31	.028	16	18	.24	38	.07	6	.91	.02	.03	1	1
876TS-854	1	15	6	23	.2	13	4	88	1.38	2	5	ND	5	9	1	2	2	37	.17	.011	10	21	.31	21	.11	5	1.06	.01	.02	1	1
876TS-855	1	21	5	34	.2	11	4	107	2.05	2	7	ND	6	8	3	2	2	41	.16	.021	9	23	.31	27	.11	5	1.33	.01	.03	1	2
876TS-856	1	38	14	61	.1	12	5	320	2.13	5	5	ND	3	8	1	2	2	40	.14	.069	8	23	.30	37	.07	2	1.64	.01	.03	1	1
876TS-857	1	9	6	27	.4	5	4	416	1.10	2	5	ND	5	8	1	2	2	22	.13	.032	11	13	.11	34	.06	2	.60	.01	.03	2	1
876TS-858	1	8	5	18	.2	7	2	112	.94	2	5	ND	5	12	1	3	2	22	.18	.011	11	17	.21	22	.09	2	.73	.02	.03	1	1
876TS-859	1	8	5	17	.2	12	4	84	1.10	2	5	ND	4	12	1	2	2	19	.25	.005	7	20	.31	18	.09	3	1.10	.01	.02	1	1
876TS-860	1	9	6	21	.1	12	4	152	1.33	3	7	ND	6	21	1	4	2	21	.86	.013	12	23	.36	45	.08	3	1.04	.02	.06	1	1
876TS-861	1	15	2	22	.1	10	4	235	1.06	3	5	ND	4	25	1	2	2	21	1.62	.027	11	19	.29	43	.06	4	.87	.01	.04	1	2
876TS-862	1	13	7	21	.1	9	3	116	1.13	2	7	ND	5	14	2	2	2	24	.76	.019	10	17	.25	25	.07	10	.86	.01	.03	1	1
876TS-863	1	3	2	5	.1	4	1	36	.59	2	5	ND	6	8	1	2	2	14	.18	.003	11	9	.10	12	.06	2	.39	.01	.01	1	2
876TS-864	1	2	3	5	.2	2	1	22	.48	2	5	ND	3	6	2	3	2	13	.10	.004	7	7	.07	7	.06	4	.30	.01	.01	1	1
876TS-865	1	7	2	10	.1	10	3	51	1.02	2	5	ND	3	10	2	2	2	21	.19	.014	9	15	.18	23	.07	2	.84	.01	.02	2	1
876TS-866	1	8	4	52	.3	14	6	243	1.40	2	5	ND	6	17	2	2	2	27	.31	.014	11	27	.40	36	.10	5	1.11	.02	.06	1	1
STD C/AU-S	19	60	39	136	7.2	69	28	1063	3.92	41	18	7	39	50	17	18	22	59	.48	.087	38	64	.88	178	.08	35	1.80	.06	.13	13	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
876TS-867	1	6	2	5	.1	5	1	31	.47	2	5	ND	2	6	1	2	2	11	.11	.012	7	9	.11	11	.05	4	.43	.01	.02	2	1
876TS-868	1	4	4	6	.1	4	1	32	.43	2	5	ND	3	7	1	2	2	11	.12	.009	9	8	.11	10	.06	2	.41	.01	.02	1	1
876TS-869	1	4	2	3	.1	3	1	17	.26	2	5	ND	1	7	1	2	2	8	.09	.005	9	5	.05	10	.05	2	.30	.01	.02	1	1
876TS-870	1	9	5	34	.1	14	5	241	1.52	2	5	ND	6	19	1	2	2	30	.38	.021	14	29	.47	34	.13	5	1.05	.03	.09	1	1
876TS-871	1	6	7	15	.1	6	2	52	1.27	2	5	ND	3	8	1	2	2	27	.12	.028	8	14	.14	18	.08	2	.76	.01	.03	1	1
876TS-872	1	41	10	155	.1	30	15	1212	3.46	5	5	ND	2	8	1	2	4	59	.20	.099	7	53	.62	67	.12	3	2.11	.01	.04	1	2
876TS-873	1	7	5	25	.2	6	3	192	1.29	3	5	ND	5	7	1	2	2	28	.10	.044	8	14	.13	28	.07	3	.90	.01	.02	1	1
876TS-874	1	18	5	31	.1	10	4	111	1.61	4	5	ND	7	8	1	2	2	32	.14	.039	14	20	.30	16	.10	7	.82	.01	.04	1	1
876TS-875	1	5	6	15	.1	4	1	97	.79	3	5	ND	2	6	1	2	2	18	.09	.010	6	10	.10	17	.06	4	.48	.01	.02	1	1
876TS-876	1	12	16	61	.1	9	5	1280	1.79	4	5	ND	3	9	1	2	2	34	.13	.039	10	20	.24	70	.07	3	1.26	.01	.05	1	1
876TS-877	1	20	14	106	.1	16	6	324	2.97	5	5	ND	4	9	2	2	2	44	.12	.094	10	29	.37	75	.09	8	2.31	.01	.07	1	1
876TS-878	1	10	6	85	.1	10	6	1430	1.80	2	5	ND	3	10	1	2	2	35	.13	.042	10	20	.25	95	.08	2	1.22	.01	.05	1	1
876TS-879	1	16	3	49	.1	20	7	362	2.00	4	5	ND	5	23	1	2	3	36	.62	.031	18	40	.66	65	.14	5	1.47	.04	.12	1	1
876TS-880	1	21	10	39	.2	18	6	542	1.72	3	5	ND	2	49	1	2	2	25	2.52	.078	28	31	.40	135	.04	6	2.09	.02	.08	1	1
876TS-881	1	21	4	52	.3	19	12	662	3.12	8	6	ND	4	32	1	2	2	61	1.50	.081	25	34	.37	152	.05	8	2.27	.02	.08	1	1
876TS-882	1	16	3	46	.4	16	8	310	1.73	4	5	ND	6	22	1	2	2	29	.88	.054	21	28	.36	104	.05	8	1.56	.02	.05	1	1
876TS-883	1	7	8	13	.1	7	3	458	.89	2	5	ND	1	18	1	2	2	18	.80	.038	9	13	.19	33	.03	2	.52	.01	.02	1	1
876TS-884	1	12	4	15	.1	6	2	490	.81	3	5	ND	3	25	1	2	2	16	1.34	.039	14	14	.16	52	.03	4	.53	.01	.02	1	1
876TS-885	1	8	2	11	.1	10	3	80	.85	2	5	ND	2	16	1	2	2	13	.67	.022	13	16	.21	42	.04	5	.82	.01	.04	1	1
876TS-886	1	6	2	7	.1	5	2	306	.66	2	5	ND	2	13	1	2	2	13	.59	.016	7	10	.14	24	.04	4	.55	.01	.03	1	1
876TS-887	1	15	4	9	.1	9	3	110	.78	2	5	ND	3	11	1	2	2	15	.38	.011	10	16	.19	20	.05	2	.69	.01	.02	1	1
876TS-888	1	13	9	50	.1	22	7	347	2.05	3	5	ND	7	23	1	2	2	39	.48	.016	17	41	.67	48	.15	6	1.50	.04	.11	1	1
876TS-889	1	16	7	61	.1	27	10	456	2.48	3	5	ND	6	29	1	2	2	44	.72	.021	18	50	.84	64	.17	2	1.85	.04	.17	1	1
876TS-890	1	15	20	86	.2	13	5	254	1.81	5	5	ND	3	12	1	2	2	30	.21	.040	10	23	.31	42	.07	2	1.31	.01	.04	1	1
876TS-891	1	22	13	42	.1	15	7	163	2.63	4	5	ND	1	7	1	2	2	69	.15	.027	7	38	.51	37	.08	2	1.57	.01	.03	1	1
876TS-892	1	31	5	34	.1	11	4	77	1.82	3	5	ND	1	9	1	2	2	40	.18	.020	8	19	.20	35	.06	2	1.48	.01	.02	1	1
876TS-893	1	10	2	25	.1	11	3	79	1.36	3	5	ND	3	10	1	2	2	28	.15	.010	9	24	.31	17	.08	2	.94	.01	.02	1	1
876TS-894	1	26	7	17	.1	14	5	82	2.29	7	5	ND	3	10	1	2	2	46	.19	.006	8	28	.31	31	.10	4	1.81	.01	.02	2	1
876TS-895	1	11	4	28	.1	12	4	150	1.24	4	5	ND	5	16	1	2	2	24	.57	.020	15	23	.28	55	.07	3	1.02	.02	.05	1	1
876TS-896	1	15	7	56	.4	21	8	295	1.92	2	6	ND	8	24	2	2	2	35	.80	.025	20	41	.58	79	.12	5	1.68	.03	.12	1	1
876TS-897	1	16	2	36	.2	15	5	264	1.47	3	5	ND	7	20	1	3	2	29	.70	.027	20	31	.43	55	.10	3	1.17	.03	.09	1	1
876TS-898	1	27	7	54	.3	28	9	417	2.58	3	7	ND	10	27	1	2	2	46	.78	.035	26	52	.75	123	.14	4	2.28	.03	.16	1	1
STD C/AU-S	18	59	37	132	7.1	68	28	1048	3.90	41	19	7	38	50	18	17	22	59	.49	.089	38	64	.89	181	.08	37	1.80	.06	.13	13	47

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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

DATE RECEIVED: OCT 23 1987 DATE REPORT MAILED: ASSAYER... DEAN TOYE, CERTIFIED B.C. ASSAYER

GML MINERALS

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-STS-904	1	3	7	26	.2	7	3	198	1.03	3	5	ND	3	9	1	2	2	21	.14	.021	10	13	.16	32	.06	2	.77	.01	.03	1	1
87-STS-905	1	42	16	205	.3	22	18	973	3.81	6	5	ND	4	12	1	2	2	56	.26	.094	11	30	.47	173	.04	3	2.66	.01	.07	1	1
87-STS-906	1	35	7	165	.1	23	14	1464	3.09	5	5	ND	5	12	1	2	2	43	.25	.109	11	32	.53	115	.08	4	2.03	.01	.10	1	3
87-STS-907	1	9	4	63	.1	19	8	531	2.21	2	5	ND	5	21	1	2	2	36	.38	.023	15	36	.62	48	.13	2	1.52	.02	.12	1	2
87-STS-908	1	3	3	26	.1	10	4	178	1.24	2	5	ND	3	12	1	2	2	22	.22	.021	10	18	.29	26	.08	2	.80	.01	.05	1	3
87-STS-909	1	21	4	31	.2	18	6	238	1.81	3	5	ND	4	11	1	2	3	28	.21	.021	9	28	.50	29	.07	2	1.23	.01	.03	2	10
87-STS-910	1	18	6	68	.2	17	8	660	2.21	3	5	ND	3	12	1	2	2	38	.25	.044	9	27	.47	94	.07	3	1.39	.01	.06	1	1
87-STS-911	1	19	7	70	.1	17	8	278	2.74	6	5	ND	3	10	1	2	2	45	.20	.050	8	27	.41	77	.07	4	1.60	.01	.04	1	2
87-STS-912	1	23	4	49	.1	17	7	309	2.29	6	5	ND	3	9	1	2	2	39	.18	.024	8	25	.40	36	.08	3	1.30	.01	.04	1	1
87-STS-913	1	18	2	27	.1	15	6	163	1.83	7	5	ND	3	7	1	2	2	30	.18	.018	7	21	.38	15	.07	2	.91	.01	.03	3	1
87-STS-914	1	38	7	61	.1	28	10	585	2.78	4	5	ND	3	16	1	2	2	43	.34	.023	12	47	.81	47	.11	6	1.96	.01	.05	1	1
87-STS-915	1	6	5	37	.1	13	5	213	1.49	2	5	ND	4	15	1	2	3	25	.29	.020	12	23	.40	27	.09	3	.97	.02	.07	2	1
87-STS-916	1	16	11	52	.1	25	9	352	2.55	3	5	ND	6	23	1	2	2	40	.59	.021	16	43	.74	55	.13	2	1.77	.03	.18	1	1
87-STS-917	1	12	5	39	.1	21	8	413	2.26	2	5	ND	6	21	1	2	2	39	.54	.023	15	38	.70	35	.13	2	1.48	.03	.13	1	1
87-STS-918	1	5	4	29	.1	14	5	198	1.56	2	5	ND	3	16	1	2	2	26	.35	.025	11	25	.47	23	.09	3	.98	.02	.09	1	1
87-STS-919	1	3	5	31	.1	12	5	230	1.43	4	5	ND	4	14	1	2	2	25	.31	.022	10	22	.40	24	.09	2	.85	.02	.09	1	1
87-STS-920	1	8	7	44	.1	18	7	265	1.99	2	5	ND	5	18	1	2	2	32	.37	.021	12	32	.57	33	.12	3	1.34	.03	.12	1	1
87-STS-921	1	3	8	29	.1	12	4	217	1.29	3	5	ND	3	15	1	2	2	21	.30	.021	9	22	.37	27	.08	3	.85	.02	.07	1	1
87-STS-922	1	6	6	23	.1	12	4	130	1.25	2	5	ND	3	13	1	2	2	21	.27	.015	9	22	.36	22	.08	4	.94	.02	.04	1	1
87-STS-923	1	22	8	40	.2	19	8	417	1.90	2	5	ND	5	19	1	2	2	30	.57	.029	14	33	.52	60	.09	2	1.45	.02	.11	1	1
87-STS-924	1	67	6	38	.4	21	5	195	1.55	2	5	ND	3	24	1	2	2	21	1.10	.066	33	25	.38	70	.04	6	1.47	.02	.07	1	2
87-STS-925	1	20	4	29	.1	15	7	136	2.45	6	5	ND	2	9	1	2	2	48	.21	.022	7	25	.36	28	.10	2	1.08	.01	.03	1	1
87-STS-926	1	35	9	35	.1	25	9	178	2.15	6	5	ND	3	13	1	2	2	35	.25	.032	9	30	.52	25	.09	2	1.39	.01	.04	1	2
87-STS-927	1	11	2	25	.1	13	4	151	1.58	3	5	ND	3	14	1	2	2	27	.27	.013	10	26	.45	22	.09	2	1.04	.02	.05	1	1
87-STS-928	1	24	8	49	.1	29	9	335	2.77	2	5	ND	6	20	1	2	2	43	.45	.023	15	46	.78	51	.13	6	1.89	.03	.18	1	1
87-STS-929	1	5	7	26	.2	10	4	124	1.28	2	5	ND	3	12	1	2	2	22	.20	.014	9	19	.34	16	.08	2	.89	.01	.04	1	1
87-STS-930	1	3	3	24	.1	12	5	167	1.40	2	5	ND	4	14	1	2	2	24	.29	.024	12	21	.39	19	.09	2	.86	.02	.05	1	1
87-STS-931	1	8	7	34	.1	19	6	262	1.93	3	5	ND	5	16	1	2	2	33	.34	.015	12	31	.56	32	.11	5	1.26	.02	.08	1	1
87-STS-932	1	7	3	22	.2	15	5	142	1.58	2	5	ND	3	10	1	2	2	26	.20	.012	8	22	.43	20	.08	2	.96	.01	.03	1	1
87-STS-933	1	14	4	23	.1	16	5	143	1.64	2	5	ND	3	11	1	2	2	27	.25	.013	8	25	.46	20	.08	2	.97	.01	.02	1	11
87-STS-934	1	11	2	27	.2	15	5	161	1.52	4	6	ND	4	13	1	2	2	27	.26	.017	10	25	.43	27	.09	2	1.10	.01	.06	2	1
87-STS-935	1	16	8	37	.1	21	8	353	2.13	2	5	ND	5	20	1	2	2	36	.42	.016	15	35	.64	42	.12	7	1.38	.03	.09	1	1
87-STS-936	1	7	6	34	.1	16	5	190	1.82	4	5	ND	4	17	1	2	2	29	.29	.023	12	29	.50	28	.10	3	1.25	.02	.07	1	1
87-STS-937	1	4	7	25	.2	11	3	125	1.32	4	5	ND	3	12	1	2	2	23	.19	.016	9	21	.36	17	.08	4	.89	.01	.05	1	1
87-STS-938	1	5	6	22	.1	10	3	117	1.18	2	5	ND	2	10	1	2	2	21	.19	.020	9	18	.31	17	.07	3	.82	.01	.04	1	2
87-STS-939	1	13	6	32	.2	16	5	176	2.01	2	5	ND	3	13	1	2	2	32	.20	.025	9	28	.43	37	.08	3	1.40	.01	.07	1	1
STD C/AU-S	19	60	40	124	7.6	70	29	1084	4.16	39	18	8	37	49	19	18	19	59	.47	.089	41	57	.87	180	.07	37	1.86	.06	.14	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
87-STS-940	1	5	2	19	.1	6	2	86	.93	2	5	ND	2	10	1	2	2	18	.17	.015	7	16	.26	20	.06	2	.77	.01	.04	2	1
87-STS-941	1	6	6	21	.1	9	3	94	1.10	2	5	ND	2	11	1	3	2	22	.18	.011	8	18	.28	23	.07	4	.91	.01	.05	2	1
87-STS-942	1	4	3	15	.1	8	3	105	.87	2	5	ND	2	13	1	2	2	18	.26	.026	10	15	.27	12	.07	5	.60	.02	.02	1	1
87-STS-943	1	11	4	23	.1	10	4	167	1.28	2	5	ND	2	13	1	2	2	24	.27	.032	10	22	.41	18	.07	8	.85	.02	.04	1	1
87-STS-944	1	18	3	27	.1	12	4	115	1.33	3	5	ND	2	10	1	2	2	29	.17	.012	8	22	.38	21	.08	4	1.08	.01	.02	1	2
87-STS-945	2	61	17	113	.1	31	17	542	3.02	6	5	ND	2	13	1	2	2	56	.32	.026	8	32	.60	85	.09	4	2.48	.01	.06	1	1
87-STS-946	2	84	23	171	.3	24	48	1809	5.04	3	5	ND	2	10	1	2	2	61	.19	.052	12	37	.39	103	.05	5	2.98	.01	.06	1	1
87-STS-947	1	27	5	32	.1	10	5	143	1.32	2	5	ND	1	9	1	2	2	27	.15	.008	8	18	.31	30	.05	4	1.17	.01	.02	2	1
87-STS-948	1	29	11	83	.1	14	7	148	2.32	5	5	ND	3	10	1	2	2	46	.15	.020	9	24	.32	59	.07	6	1.88	.01	.03	1	17
87-STS-949	2	68	20	106	.1	14	11	300	4.40	6	5	ND	2	8	1	2	2	85	.19	.066	10	28	.30	76	.05	3	2.73	.01	.05	1	13
87-STS-950	1	25	20	40	.1	5	3	127	1.76	5	5	ND	1	7	1	2	2	47	.17	.037	9	16	.15	57	.04	2	1.27	.01	.04	2	3
87-STS-951	3	96	25	103	.1	8	9	419	7.72	25	5	ND	2	10	1	2	2	88	.16	.086	8	26	.29	88	.04	3	1.89	.01	.07	1	1
87-STS-952	1	128	18	113	.1	44	29	743	6.44	7	5	ND	2	11	1	2	2	138	.39	.033	7	53	.98	83	.11	2	3.83	.01	.06	1	1
87-STS-953	1	294	21	133	.1	28	31	891	6.80	5	5	ND	2	15	1	2	2	152	.61	.030	6	19	1.37	55	.32	7	3.49	.02	.21	1	1
87-STS-954	1	92	41	175	.1	26	23	3385	3.46	8	5	ND	1	24	1	2	2	63	.70	.075	9	23	.59	265	.05	5	2.42	.01	.12	1	2
87-STS-955	2	68	20	92	.1	19	14	544	3.62	6	5	ND	2	12	1	2	2	76	.31	.029	11	24	.40	113	.07	5	2.47	.01	.07	1	1
87-STS-956	1	11	8	29	.1	12	6	164	1.31	2	5	ND	3	14	1	2	3	25	.22	.013	12	22	.35	37	.08	6	1.26	.02	.04	1	1
87-STS-957	1	5	3	19	.1	8	3	102	1.01	2	5	ND	3	13	1	2	2	20	.23	.007	9	16	.27	20	.06	5	.88	.01	.02	1	1
87-STS-958	1	10	3	39	.1	8	3	101	1.50	2	5	ND	2	10	1	2	2	32	.16	.017	9	16	.20	35	.06	2	1.08	.01	.03	2	1
87-STS-959	1	131	10	74	.1	27	13	207	3.76	5	5	ND	7	11	1	2	2	64	.19	.042	12	37	.55	48	.11	9	2.57	.01	.04	1	1
87-STS-960	1	16	7	34	.1	7	4	93	1.67	2	5	ND	3	10	1	2	2	46	.14	.013	9	16	.21	33	.09	7	1.11	.01	.02	1	1
87-STS-961	1	12	4	28	.1	10	7	456	1.57	2	5	ND	3	13	1	2	2	29	.17	.015	12	21	.30	36	.07	4	1.15	.01	.05	2	2
87-STS-962	1	11	5	23	.1	10	5	272	1.29	2	5	ND	2	16	1	2	2	26	.25	.011	8	22	.34	29	.08	3	.94	.01	.05	1	1
87-STS-963	1	2	2	11	.1	6	2	67	.70	2	5	ND	2	8	1	2	2	14	.15	.012	8	11	.18	16	.05	4	.57	.01	.03	1	1
87-STS-964	1	2	2	13	.1	7	3	125	.77	2	5	ND	1	8	1	2	2	14	.19	.020	6	11	.19	14	.05	2	.53	.01	.03	2	1
87-STS-965	1	1	7	16	.1	5	3	78	1.47	2	5	ND	8	8	1	3	2	33	.12	.007	17	17	.12	7	.06	5	.33	.01	.02	1	1
87-STS-966	1	1	2	13	.1	1	2	112	1.03	3	5	ND	2	7	1	2	2	23	.11	.008	9	12	.07	12	.05	4	.27	.01	.03	1	1
87-STS-967	1	1	2	7	.2	1	1	62	.46	2	5	ND	2	6	1	2	2	11	.07	.004	8	6	.02	24	.03	2	.17	.01	.02	1	1
87-STS-968	1	2	2	25	.1	7	3	223	.94	2	5	ND	3	11	1	2	2	20	.18	.009	11	15	.25	27	.06	5	.67	.01	.02	1	1
87-STS-969	1	74	10	82	.1	17	17	414	5.50	3	5	ND	2	9	1	2	2	97	.27	.040	6	21	.47	45	.12	3	1.56	.01	.05	1	7
87-STS-970	1	113	14	177	.1	28	36	1198	8.53	14	5	ND	3	11	1	2	2	222	.37	.035	4	22	1.54	168	.33	4	4.00	.01	.36	9	1
87-STS-971	1	43	16	89	.2	8	7	275	3.36	2	5	ND	4	10	1	3	2	65	.19	.043	12	16	.25	77	.05	3	1.97	.01	.05	1	1
87-STS-972	1	70	22	166	.1	19	25	953	7.36	5	5	ND	2	9	1	2	2	223	.31	.055	5	24	1.51	119	.23	6	3.69	.01	.09	1	2
87-STS-973	1	49	17	166	.3	12	22	878	3.71	4	5	ND	1	15	1	2	2	67	.30	.072	11	21	.31	132	.05	4	1.89	.01	.07	3	1
87-STS-974	1	9	2	30	.2	9	4	146	1.04	2	5	ND	4	16	1	2	4	21	.27	.017	11	17	.33	23	.08	8	.84	.02	.04	1	1
87-STS-975	1	135	19	143	.7	30	17	1427	3.33	3	5	ND	3	28	1	2	2	54	.72	.053	23	40	.51	153	.08	3	3.05	.02	.10	1	1
87-STS-976	1	73	9	103	.2	32	17	985	2.44	5	5	ND	2	21	1	2	2	39	.56	.044	16	34	.57	75	.07	3	2.16	.02	.06	1	4
87-STS-977	1	111	10	102	.2	36	23	707	2.80	5	5	ND	2	21	1	3	2	47	.68	.040	15	33	.65	77	.07	8	2.26	.02	.05	1	1
87-STS-978	1	116	8	44	.1	33	19	530	1.95	2	5	ND	3	18	1	2	2	37	.54	.026	18	31	.46	69	.08	4	1.87	.02	.05	2	2

APPENDIX VII

RIVERS PROSPECT TRENCH ASSAYS

MINERALS CONSULTING LTD.,
Block A,
2nd Street S.E.,
Calgary, Alberta T2H 2L8
ATTN: George Leary
cc: B. Chomack - Dryden, Ont.

File No.
Date
Samples Rock

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER
"Rock Samples"		
21858 RT3-6	.070	.83
21859 RT10-2	.030	.18

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

ejects Retained one month.
Pulps Retained one month
nless specific arrangements
ade in advance.

Assayer

To: GML MINERALS CONSULTING LTD.,
Suite ___, Block A,
3120 - 2nd Street S.E.,
Calgary, Alberta T2H 2L8
ATTN: George Leary
cc: B. Chomack - Dryden, Ont.

File No. .....
Date .....
Samples Rock
Project: Dryden Ont.
Brent Chomack

Certificate of ASSAY

LORING LABORATORIES LTD.

Page # 1

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER
Rock Samples"		
22001 RT-20-3	.002	.10
22002 RT-23-1	.014	Trace
22003 -2	.010	Trace
22004 -3	.006	.02
22005 -4	.012	.14
22006 -5	.004	Trace
22007 -6	.006	.02
22008 -7	.006	.03
22009 RT-24-1	.020	.01
22010 -2	.010	Trace
22011 -3	.008	Trace
22012 RT-26-1	.012	Trace
22013 -2	.010	.02
22014 -3	.006	Trace
22015 RT-27-1	.002	.02
22016 -2	.008	.02
22017 -3	.004	Trace
22018 -4	.002	.03
22019 -5	Trace	.02
22051 RT-1 -1	.184	.85

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.
Pulps Retained one month unless specific arrangements made in advance.

D Eales
Assayer

To: GML MINERALS CONSULTING LTD.,
te A1 Block A,
120 - 2nd Street S.E.,
gary, Alberta T2H 2L8
TTN: George Leary
Dryden, Ont.

File No.
Date
Samples Rock

Certificate of ASSAY

LORING LABORATORIES LTD.

Page # 1

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER
"Rock Samples"		
22039 RT-28-5	.002	Trace
22040 -6	.002	Trace
22041 -7	Trace	Trace
22045 RT-24-4	.020	Trace
22046 RT-29-1	.006	.02
22026 RT-1-4	.525	3.37
22027 -5	.020	.16
22028 -6	.014	Trace
22029 RT-2-4	.006	.11
22030 RT-3-6	.480	2.33
22031 RT-4-6	.016	.02
22032 RT-4-7	.020	Trace
22033 RT-10-4	.008	Trace
22034 RT-14-4	.004	Trace
22035 RT-28-1	Trace	.01
22036 -2	.004	Trace
22037 -3	.004	Trace
22038 -4	Trace	Trace

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

ejects Retained one month.
u s Retained one month
nl is specific arrangements
ade in advance.

Assayer

To: GML MINERALS CONSULTING LTD.,
Suite 17, Block A,
6120 - 2nd Street S.E.,
Calgary, Alberta T2H 2L8

ATTN: George Leary

cc: B. Chomack - Dryden, Ont.

File No.

Date

Samples Rock

Project: Dryden Ont.
Brent Chomack

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER
22052 RT-1-2	.034	.34
22053 -3	.016	.02
22054 RT-2-1	.644	5.36
22055 -2	.010	Trace
22056 -3	.006	.02
22057 RT-3-1	.068	.38
22058 -2	.006	.02
22059 -3	.008	Trace
22060 -4	.010	Trace
22061 -5	.008	Trace
22062 RT-4-1	.180	1.08
22063 -2	.002	Trace
22064 -3	.006	.05
22065 -5	.018	Trace
22066 RT-5-1	.002	.06
22067 RT-6-1	.138	1.42
22068 -2	.008	.07
22069 -3	.024	.06
22070 RT-7-1	.022	.24
22071 -2	.584	4.58
22072 -3	.010	.03

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.

Pulps Retained one month unless specific arrangements made in advance.

D. Sidler

Assayer

To: GML MINERALS CONSULTING LTD.,
Suite 7, Block A,
6120 - 2nd Street S.E.,
Calgary, Alberta T2H 2L8

ATTN: George Leary

cc: B. Chomack - Dryden, Ont.

File No. [illegible]
Date [illegible]
Samples Rock
Project: Dryden Ont.
Brent Chomack

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER
22073 RT-10-1	.006	4.30
22074 -2	.048	.36
22075 -3	.008	Trace
22076 RT-11-1	.002	Trace
22077 -2	.010	Trace
22078 -3	.014	.15
22079 RT-12-1	.004	.04
22080 -2	.006	.05
22081 -3	.008	.04
22082 RT-13-1	.006	.07
22083 -2	.006	Trace
22084 -3	.008	.07
22085 RT-15-1	.006	.03
22086 -2	.010	Trace
22087 -3	.010	.03
22088 RT-16-1	.008	.03
22089 -2	.008	Trace
22090 -3	Trace	Trace
22091 RT-17-1	Trace	Trace
22092 -2	.004	.05
22093 -3	.004	.17

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.
Pulps Retained one month
unless specific arrangements
made in advance.

Assayer

To: GML MINERALS CONSULTING LTD.,
Suite A, Block A,
6120 - 2nd Street S.E.,
Calgary, Alberta T2H 2L8
ATTN: George Leary
c: B. Chomack - Dryden, Ont.

File No.
Date
Samples Rock
Project: Dryden Ont.
Brent Chomack

Certificate of ASSAY

LORING LABORATORIES LTD.

Page # 4

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER
22094 RT-18-1	Trace	.07
22095 RT-19-1	.004	.01
22096 RT-14-1	.010	Trace
22097 -2	.012	.01
22098 -3	.014	.09
22099 RT-20-1	.004	.04
22100 -2	.008	.09

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

ejects Retained one month.
ulp Retained one month
ile specific arrangements
ade in advance.

D Enders
Assayer

APPENDIX VIII

SANDYBEACH PROSPECT TRENCH ASSAYS

To: GML MINERALS CONSULTING LTD.,
Suite [illegible], Block A,
5120 - 2nd Street S.E.,
Calgary, Alberta T2H 2L8

ATTN: George Leary
cc: B. Chomack - Dryden, Ont.

File No.
Date
Samples Rock - Rejects

Certificate of ASSAY

LORING LABORATORIES LTD.

Page # 1

SAMPLE No.	OZ./TON GOLD	% BY WEIGHT
ST-34-2 21931	.014	
-150 Mesh Pulp	.008	84.32
+150 Mesh Pulp	.048	15.68
ST-35-1 21935	.005	
-150 Mesh Pulp	.005	85.71
+150 Mesh Pulp	.005	14.29
ST-11-2 21941	.009	
-150 Mesh Pulp	.010	88.58
+150 Mesh Pulp	.006	11.42
ST-11-4 21943	.015	
-150 Mesh Pulp	.016	85.45
+150 Mesh Pulp	.009	14.55
ST-20-2 21955	.005	
-150 Mesh Pulp	.005	86.97
+150 Mesh Pulp	.004	13.03

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.
Pulps Retained one month unless specific arrangements made in advance.

Assayer

To: GML MINERALS CONSULTING LTD.,
Suite 217, Block A,
6120 - 2nd Street S.E.,
Calgary, Alberta T2H 2L8
ATTN: George Leary
cc: B. Chomack - Dryden, Ont.

File No.
Date
Samples Rock - Reject

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD	% BY WEIGHT
21961 ST-25-2	.017	
-150 Mesh Pulp	.020	84.79
+150 Mesh Pulp	.004	15.21
ST-26-3 21965	.002	
-150 Mesh Pulp	.002	84.82
+150 Mesh Pulp	.002	15.18
ST-30-1 21967	.002	
-150 Mesh Pulp	.002	94.89
+150 Mesh Pulp	.010	5.11
ST-30-2 21968	.003	
-150 Mesh Pulp	.003	96.15
+150 Mesh Pulp	.011	3.85
ST-30-6 21972	.007	
-150 Mesh Pulp	.004	99.07
+150 Mesh Pulp	.283	0.93

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.
Pulps Retained one month unless specific arrangements made in advance.

Assayer

To: GML MINERALS CONSULTING LTD.,
Suite 7, Block A,
6120 - 2nd Street S.E.,
Calgary, Alberta T2H 2L8
ATTN: George Leary
cc: B. Chomack - Dryden, Ont.

File No.
Date
Samples Rock - Rejects

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD	% BY WEIGHT
ST-3-1 21977	.048	
-150 Mesh Pulp	.046	89.75
+150 Mesh Pulp	.062	10.25
ST-3-2 21978	.007	
-150 Mesh Pulp	.006	87.22
+150 Mesh Pulp	.013	12.78
ST-3-3 21979	.031	
-150 Mesh Pulp	.030	85.03
+150 Mesh Pulp	.036	14.97
ST-3-4 21980	.013	
-150 Mesh Pulp	.012	83.89
+150 Mesh Pulp	.018	16.11
ST-3-5 21981	.028	
-150 Mesh Pulp	.031	86.75
+150 Mesh Pulp	.012	13.25

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.
Pulps Retained one month unless specific arrangements made in advance.

Assayer

To: GML MINERALS CONSULTING LTD.,
Suite , Block A,
0120 - 2nd Street S.E.,
Calgary, Alberta T2H 2L8
ATTN: George Leary
cc: B. Chomack - Dryden, Ont.

File No.
Date
Samples Rock - Rejects

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD	% BY WEIGHT
21982 ST-3-6	.018	
-150 Mesh Pulp	.020	90.61
+150 Mesh Pulp	.004	9.39
ST-4-2 21984	.023	
-150 Mesh Pulp	.023	90.43
+150 Mesh Pulp	.024	9.57
ST-5-2 21988	.002	
-150 Mesh Pulp	.002	85.64
+150 Mesh Pulp	.002	14.36
ST-5-4 21990	.020	
-150 Mesh Pulp	.020	85.87
+150 Mesh Pulp	.020	16.13
ST-6-1 21992	.028	
-150 Mesh Pulp	.026	87.02
+150 Mesh Pulp	.038	12.98

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.
Pulps Retained one month unless specific arrangements made in advance.

Assayer

To: GML MINERALS CONSULTING LTD.,
Suite 7, Block A,
6120 - 2nd Street S.E.,
Calgary, Alberta T2H 2L8
ATTN: George Leary
cc: B. Chomack - Dryden, Ont.

File No.
Date
Samples Rock - Rejects

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD	% BY WEIGHT
ST-8-2 21999	.003	
-150 Mesh Pulp	.003	87.83
+150 Mesh Pulp	.004	12.17
ST-8-3 22000	.015	
-150 Mesh Pulp	.014	86.20
+150 Mesh Pulp	.023	13.80
ST-2-2 22050	.010	
-150 Mesh Pulp	.008	85.05
+150 Mesh Pulp	.018	14.95
ST-9-2 22153	.047	
-150 Mesh Pulp	.048	85.34
+150 Mesh Pulp	.042	14.66
ST-9-3 22154	.009	
-150 Mesh Pulp	.008	90.94
+150 Mesh Pulp	.019	9.06

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.
Pulps Retained one month unless specific arrangements made in advance.

Assayer

To: GML MINERALS CONSULTING LTD.,
Suite 7, Block A,
6120 - 2nd Street S.E.,
Calgary, Alberta T2H 2L8

ATTN: George Leary

cc: B. Chomack - Dryden, Ont.

File No.
Date
Samples Rock - Rejects

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD	% BY WEIGHT
22155 ST-9-4	.018	
-150 Mesh Pulp	.019	87.29
+150 Mesh Pulp	.014	12.71
ST-9-5 22156	.024	
-150 Mesh Pulp	.024	83.77
+150 Mesh Pulp	.023	16.23
ST-27-2 22167	.002	
-150 Mesh Pulp	.002	88.62
+150 Mesh Pulp	.002	11.38
ST-37-2 22170	.128	
-150 Mesh Pulp	.030	84.12
+150 Mesh Pulp	.645	15.88
ST-39-2 22173	.002	
-150 Mesh Pulp	.002	89.00
+150 Mesh Pulp	.001	11.00

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.

Pulps Retained one month unless specific arrangements made in advance.

Assayer

To: GML MINERALS CONSULTING LTD.,
Suite A17, Block A,
6120 - 2nd Street S.E.,
Calgary, Alberta T2H 2L8
ATTN: George Leary
cc: B. Chomack - Dryden, Ont.

File No.
Date
Samples Rock - Rejects

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD	% BY WEIGHT
22174 ST-29-3	.216	
-150 Mesh Pulp	.109	89.53
+150 Mesh Pulp	1.135	10.47
ST-31-2 22177	.014	
-150 Mesh Pulp	.011	95.57
+150 Mesh Pulp	.078	4.43

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.
Pulps Retained one month unless specific arrangements made in advance.

Assayer

GML MINERALS CONSULTING LTD.,
Suite A17, Block A,
120 - d Street S.E.,
Calgary, Alberta T2H 2L8
ATTN: George Leary

cc: B. Chomack - Dryden, Ont.

File No.
Date
Samples Rock

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% BY WEIGHT
21854 ST-27-2	.005	.05	
-150 Mesh Pulp	.006	.05	84.76
+150 Mesh Pulp	.002	.05	15.24
21855 ST-4-2	.050	.04	
-150 Mesh Pulp	.040	.05	86.33
+150 Mesh Pulp	.108	Trace	13.67
21856 ST-6-2	.545	.10	
-150 Mesh Pulp	.382	.09	90.83
+150 Mesh Pulp	2.158	.22	9.17
21857 ST-9-2	.222	.03	
-150 Mesh Pulp	.195	.04	88.06
+150 Mesh Pulp	.431	Trace	11.94
22022 ST-27-2	.005	.05	
-150 Mesh Pulp	.006	.05	89.12
+150 Mesh Pulp	.002	.08	10.88

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

ej ts Retained one month.
ulps Retained one month
nl s specific arrangements
ac in advance.

Assayer

o:GML MINERALS OCNSULTING LTD.,
Suite 1, Block A,
120 - 2nd Street S.E.,
Calgary, Alberta T2H 2L8

ATTN: George Leary
cc: B. Chomack - Dryden, Ont.

File No.
Date
Samples Rock

Certificate of ASSAY

LORING LABORATORIES LTD.

Page # 4

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% BY WEIGHT
22142 ST-22-3	Trace	.03	
-150 Mesh Pulp	Trace	.03	87.10
+150 Mesh Pulp	Trace	.04	12.90
22147 ST-25-2	.001	.03	
-150 Mesh Pulp	.001	.03	92.90
+150 Mesh Pulp	.003	.01	7.10
22150 ST-26-3	.002	.05	
-150 Mesh Pulp	.002	.06	95.87
+150 Mesh Pulp	.007	.07	4.13
22186 ST-3-2	.003	.02	
-150 Mesh Pulp	.003	.02	90.62
+150 Mesh Pulp	.005	.04	9.38
22187 ST-3-3	.075	Trace	
-150 Mesh Pulp	.061	Trace	88.38
+150 Mesh Pulp	.185	.03	11.62

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

jects Retained one month.
lp—Retained one month
le specific arrangements
d. in advance.

Assayer

GML MINERALS CONSULTING LTD.,
Suite A17, Block A,
6 20 - [illegible] Street S.E.,
Calgary, Alberta T2H 2L8
ATTN: George Leary
cc: B. Chomack - Dryden, Ont.

File No.
Date
Samples Rock

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% BY WEIGHT
22188 ST-3-4	.039	.08	
-150 Mesh Pulp	.040	.08	94.09
+150 Mesh Pulp	.021	.05	5.91
22189 ST-3-5	.047	.03	
-150 Mesh Pulp	.045	.03	89.83
+150 Mesh Pulp	.064	.02	10.17
22192 ST-4-2	.072	Trace	
-150 Mesh Pulp	.069	Trace	94.09
+150 Mesh Pulp	.122	Trace	5.91
22195 ST-5-2	.002	.01	
-150 Mesh Pulp	.002	.01	90.83
+150 Mesh Pulp	.002	.01	9.17
22197 ST-6-5	.253	.04	
-150 Mesh Pulp	.189	.03	91.28
+150 Mesh Pulp	.921	.10	8.72

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rej ts Retained one month.
Pulps Retained one month
unl s specific arrangements
ma in advance.

Assayer

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Suite A17, Block A,
120 - 2nd Street S.E.,
Calgary, Alberta T2H 2L8
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File No.
Date
Samples Rock

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LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% BY WEIGHT
22199 ST-9-2	.040	.01	
-150 Mesh Pulp	.042	.01	88.15
+150 Mesh Pulp	.021	.02	11.85

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Assayer

To: GML MINERALS CONSULTING LTD.,
Suite A17, Block A,
6120 2nd Street S.E.,
Calgary, Alberta T2H 2L8

ATTN: George Leary

cc: B. Chomack - Dryden, Ont.

File No.
Date
Samples Rock

Certificate of ASSAY

LORING LABORATORIES LTD.

Page # 1

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER
"Rock Samples"		
21851 ST29-4	.001	.06
21852 ST-30-2	.003	.01
21853 ST-30-6	.002	.04
22020 ST 26-4	.001	.04
22021 ST-27-1	Trace	.04
22023 ST-27-3	.001	.01
22024 ST-29-2	.001	.04
22025 ST-29-3	.108	.01
22134 ST-9-4	.018	.08
22135 ST-9-5	.016	.15
22136 ST-9-6	.004	.08
22137 ST-11-2	.011	.05
22138 ST-11-3	.021	.02
22139 ST-11-4	.043	.03
22140 ST-22-1	.002	.03
22141 ST-22-2	.002	.01
22143 ST-24-1	.001	.01
22144 ST-24-2	.007	.03
22145 ST-24-3	.003	.01
22146 ST-25-1	.003	Trace

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

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6120 - 2nd Street S.E.,
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File No.
Date
Samples Rock

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER
22148 ST-25-3	.002	.02
22149 ST-26-2	.002	Trace
22184 ST-2-2	.009	Trace
22185 ST-3-1	.049	.01
22190 ST-3-6	.003	.02
22191 ST-4-1	.016	.01
22193 ST-4-3	.039	.02
22194 ST-5-1	.003	.04
22196 ST-5-3	.003	Trace
22198 ST-9-1	Trace	Trace
22000 ST-9-3	.006	.04

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Rejects Retained one month.
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Assayer

To: GML MINERALS CONSULTING LTD.,
Suite 7, Block A,
6120 - 2nd Street S.E.,
Calgary, Alberta T2H 2L8
ATTN: George Leary
cc: B. Chomach - Dryden, Ont.

File No.
Date
Samples Rock
Project: Sandy Beach

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER
"Rock Samples"		
"Assay Analysis"		
21926 ST-33-1	.006	.05
21927 -2	.004	Trace
21928 -3	.008	.05
21929 -4	.002	Trace
21930 ST-34-1	.002	Trace
21931 -2	.060	.02
21932 -3	.006	Trace
21933 -4	.004	Trace
21934 ST-35-1	.004	Trace
21935 -2	.008	Trace
21936 -3	.004	Trace
21937 -4	.010	Trace
21938 -5	Trace	Trace
21939 -6	.002	Trace
21940 ST-11-1	.006	Trace
21941 -2	.008	.02
21942 -3	.002	Trace
21943 -4	.016	.06
21944 -5	.006	Trace

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Suite 7, Block A,
6120 - 2nd Street S.E.,
Calgary, Alberta T2H 2L8

ATTN: George Leary

cc: B. Chomack - Dryden, Ont.

File No.
Date
Samples Rock
Project: Sandy Beach

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER
21945 ST-11-6	.006	Trace
21946 ST-13-1	.008	.23
21947 -2	.002	Trace
21948 -3	.002	Trace
21949 ST-16-1	.008	Trace
21950 -2	.002	Trace
21951 -3	.008	.03
21952 -4	.002	.06
21953 -5	.002	Trace
21954 ST-20-1	.002	Trace
21955 -2	.004	Trace
21956 -3	Trace	Trace
21957 ST-21-1	.006	.20
21958 -2	Trace	Trace
21959 -3	.014	Trace
21960 ST-25-1	.002	.02
21961 -2	.024	.08
21962 -3	.004	.02
21963 ST-26-1	Trace	Trace
21964 -2	Trace	Trace
21965 -3	.004	.02

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Assayer

To: GML MINERALS CONSULTING LTD.,
Suite [illegible], Block A,
120 - 2nd Street S.E.,
Calgary, Alberta T2H 2L8
ATTN: George Leary
cc: B. Chomack - Dryden, Ont.

File No.
Date
Samples Rock
Project: Sandy Beach

Certificate of ASSAY

LORING LABORATORIES LTD.

Page # 3

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER
21966 ST-26-4	.002	Trace
21967 ST-30-1	.010	Trace
21968 -2	.008	Trace
21969 -3	.006	Trace
21970 -4	Trace	Trace
21971 -5	.002	Trace
21972 -6	.006	Trace
21973 -7	.010	Trace
21974 ST-36-1	.004	Trace
21975 -2	.002	Trace
21983 ST-4-1	.006	.09
21984 -2	.018	.20
21985 -3	.020	Trace
21986 -4	.006	Trace
21987 ST-5-1	.008	Trace
21988 -2	Trace	Trace
21989 -3	.004	Trace
21990 -4	.014	.05
21991 -5	.050	.07
21992 ST-6-1	.044	.02
21993 -2	2.016	.16

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To: GML MINERALS CONSULTING LTD.,
Suite , Block A,
6120 - 2nd Street S.E.,
Calgary, Alberta T2H 2L8
ATTN: George Leary
cc: B. Chomack - Dryden, Ont.

File No.
Date
Samples Rock
Project: Sandy Beach

Certificate of ASSAY

LORING LABORATORIES LTD.

Page # 4

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER
21994 ST-6-3	.014	.13
21995 -4	.006	Trace
21996 -5	1.152	.15
21997 ST-7-1	.484	.02
21998 ST-8-1	.016	.10
21999 -2	.004	Trace
22000 -3	.012	.03
22151 ST-8-4	.010	Trace
22152 ST-9-1	.008	.09
22153 -2	.022	Trace
22154 -3	.018	.13
22155 -4	.020	.04
22156 -5	.014	Trace
22157 -6	.006	Trace
22158 ST-18-1	.002	Trace
22159 -2	Trace	Trace
22160 -3	.004	.02
22161 -4	.006	Trace
22162 ST-20-1	Trace	Trace
22163 -2	Trace	.04
22164 -3	Trace	.02

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Suite 7, Block A,
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ATTN: George Leary
cc: B. Chomack - Dryden, Ont.

File No.
Date
Samples Rock
Project: Sandy Beach

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER
22165 ST-22-1	.004	Trace
22166 ST-24-1	.004	.04
22167 -2	.006	.05
22168 -3	.006	Trace
22169 ST-27-1	Trace	Trace
22170 -2	.022	.02
22171 -3	.006	Trace
22172 ST-29-1	Trace	Trace
22173 -2	.004	Trace
22174 -3	.074	.02
22175 -4	.006	Trace
22176 ST-31-1	.008	Trace
22177 -2	.010	Trace
22178 -3	.004	Trace
22179 -4	.004	Trace
22180 -5	.006	Trace
22181 ST-36-3	.004	Trace
22182 -4	Trace	.02
22183 -5	Trace	Trace

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Assayer

To: GML MINERALS CONSULTING LTD.,
Suite 17, Block A,
6120 - 2nd Street S.E.,
Calgary, Alberta T2H 2L8

ATTN: George Leary
cc: Dryden, Ont.

File No.
Date
Samples Rock

Certificate of ASSAY

LORING LABORATORIES LTD.

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER
22049 ST-2-1	.028	Trace
22050 -2	.018	Trace
22042 ST-1-1	.002	Trace
22043 -2	.030	Trace
22044 -3	.018	Trace
21976 ST-2-3	.022	.02
21977 ST-3-1	.038	Trace
21978 -2	.012	Trace
21979 -3	.020	Trace
21980 -4	.020	Trace
21981 -5	.018	Trace
21982 -6	.016	.02

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Rejects Retained one month.
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Assayer

APPENDIX IX

DETAILS OF PROPOSED PROGRAMS

PHASE I: 5,000 feet of diamond drilling in 13 shallow holes to evaluate the tonnage and grade potential of known gold shoots and zones at the Sandybeach and Rivers Prospects and to evaluate the metasomatic sulphide zone adjacent the Sandybeach vein system.

1. Drill eight (i.e. proposed holes 1 to 8, inclusive) 350 to 640-foot Priority-1 holes totalling 3,940 feet to evaluate the tonnage and grade potential of gold shoots on Veins 5 and 6 on the Rivers Prospect to a true depth of 400 feet.

2. Drill four 140-foot Priority-1 holes totalling 560 feet at 50-foot intervals along strike to evaluate Gold Zone-1 on the Sandybeach Prospect at a true depth of 70-75 feet.

3. Drill one Priority-1 hole totalling 500 feet to test a strong pfe anomaly reflecting the metasomatic sulphide zone adjacent to 2. above.

PHASE II: To evaluate the potential of all high priority gold prospects and follow-up targets in order to bring the property to the stage of ore reserve delineation.

1. Grid Construction: Ten small grids are to be constructed with 1,000 to 3,000-foot baselines and 1,500-foot crosslines spaced 200 feet apart over each of the priority-1 targets of interest identified as a result of the 1987 reconnaissance work. A total of 30.9 miles is to be cut and chained.

2. Geophysical Surveying: Magnetometer, VLF-EM and I. P. surveying of the entire new grid areas is to be carried out utilizing the same system and methodology as employed in 1987. A total of 27.6 line miles of surveying for each system is required.

3. Geological Mapping, Prospecting and Soil Sampling: Detailed mapping, prospecting and soil sampling of new grids. Approximately 150 rock chip samples and 2,040 B-horizon soil samples are to be collected. Soil samples are to be collected at 50-foot intervals along 1,000-foot crossline segments over targets of interest.

4. Trenching: Pitting and trenching of selected targets of interest within Priority-1 grid areas, utilizing a bulldozer, backhoe and plugger with blasting and pressure washing of trenches and pits. Approximately 150 rock chip channel samples will be collected.

5. Diamond Drilling:

a) Sandybeach and Rivers Prospects: 4,000 feet of diamond drilling in 15 holes to test Priority-2 targets of interest on the Rivers and Sandybeach Prospects, as follows:

- Six 200 to 500-foot holes totalling 2,375 feet within the Rivers grid to test the southwest extension of Veins 5 and 6 (i.e. two holes), the northeast extension of the Rivers vein system (i.e. one hole), and two sub-parallel favourable anomalous targets referred to as the Rivers Fault (i.e. three holes) and Porphyry Zone (i.e. same hole as will test the NE extension of the Rivers vein system).
- Eight 140-foot holes totalling 1,200 feet to test the southwestern extension of Gold Zone-1 on the Sandybeach vein.

- One 425-foot hole to test the indicated SE extension of the metasomatic sulphide zone adjacent to Gold Zone-1 on the Sandybeach vein.

b) Reconnaissance Grid Area: 2,000 feet of diamond drilling in about seven holes to test selected Priority-1 targets generated as a result of 1. to 4. above.

Total diamond drill footage for a) and b) above is 6,000 feet.

APPENDIX X

BUDGETS FOR PROPOSED PROGRAMS

PHASE I PROGRAM (5,000 feet of diamond drilling)

Salaries			$ 63,090
Project Supervision	$350/day X 25 days	$ 8,750	
Project Planning			
1 Project Manager	$275/day X 10 days	$ 2,750	
1 Geol/Geol Tech.	$210/day X 4 days	840	
		$ 3,590	
Field Exploration			
1 Project Manager	$275/day X 65 days	$ 17,875	
1 Geol/Geol Tech.	$210/day X 65 days	13,650	
1 Cook	$190/day X 65 days	12,350	
		$ 43,875	
Final Report			
1 Project Manager	$275/day X 25 days	$ 6,875	
		$ 63,090	
Project Travel			6,000
Vehicles			11,700
2 4X4 Trucks	$50/day X 65 days	$ 6,500	
1 ATC Vehicle	$30/day X 65 days	1,950	
1 Ski-doo	$40/day X 65 days	2,600	
1 Trailer	$10/day X 65 days	650	
		$ 11,700	
Camp Board			6,975
GML Personnel	$15/man/day X 215 mandays	$ 3,225	
Drillers	$15/man/day X 250 mandays	3,750	
		$ 6,975	
Field Equipment			11,450
Camp (10-man camp)	$15/man X 65 days	$ 9,750	
1 Generator	$10/day X 65 days	650	
1 Field Radio	$200/month X 2 months	400	
2 Chain Saws	$5/day X 65 days	650	
		$ 11,450	

Materials and Supplies		$ 12,000
Fuel	$ 7,500	
Vehicle and Equipment Maintenance	2,000	
Camp Construction	1,000	
Sample Bags	500	
Miscellaneous Supplies	1,000	
	$ 12,000	
Telephone		550
Shipping		1,800
Maps and Reports		100
Sample Analysis		7,138
Core Samples (Fire Assay Au, Ag, Cu, Zn, Pb) $20.00/sample X 250 samples	$ 5,000	
Core Samples (Geochem Au + multielement ICP) $14.25/sample X 150 samples	2,138	
	$ 7,138	
Diamond Drilling		125,000
$25/foot X 5,000 feet	$125,000	
Report Preparation		3,500
SUB-TOTAL		$249,303
Contingency		10,697
TOTAL		$260,000

PHASE II PROGRAM (6,000 feet of diamond drilling and follow-up detailed grid surveys)

Salaries			$151,360
Project Supervision			
G. M. Leary	$350/day X 40 days	$ 14,000	
Project Planning			
1 Project Manager	$275/day X 10 days	$ 2,750	
1 Laborer	$190/day X 4 days	760	
1 Geologist	$225/day X 4 days	900	
		$ 4,410	
Field Exploration			
1 Project Manager	$275/day X 90 days	$ 24,750	
1 Geologist	$225/day X 90 days	20,250	
1 Prospector	$210/day X 90 days	18,900	
1 Laborer/ Prospector/Sampler	$190/day X 90 days	17,100	
1 Laborer/Expeditor	$170/day X 45 days	7,650	
1 Geol. Technician	$180/day X 90 days	16,200	
1 Cook	$190/day X 90 days	17,100	
		$121,950	
Final Report			
1 Project Manager	$275/day X 40 days	$ 11,000	
		$151,360	
Project Travel			6,000
Vehicles			15,300
2 4X4 Trucks	$50/day X 90 days	$ 9,000	
2 ATC Vehicles	$30/day X 90 days	5,400	
1 Trailer	$10/day X 90 days	900	
		$ 15,300	
Camp Board			18,045
GML Personnel	$15/man/day X 585 mandays	$ 8,775	
Line Cutters	$15/man/day X 88 mandays	1,320	
Geophysical Crew	$15/man/day X 210 mandays	3,150	
Diamond Drillers	$15/man/day X 300 mandays	4,500	
Equipment Operator	$15/man/day X 20 mandays	300	
		$ 18,045	
Field Equipment			24,000
16-man camp	$15/man/day X 90 days	$ 21,600	
1 Generator	$10/day X 90 days	900	
1 Field Radio	$200/month X 3 months	600	
2 Chain Saws	$5/day X 90 days	900	
		$ 24,000	

Materials and Supplies			$ 14,000
Fuel		$ 7,000	
Vehicle and Equipment Maintenance		3,000	
Camp Construction		500	
Sample Bags		500	
Miscellaneous Supplies		1,500	
Blasting Supplies		1,500	
		$ 14,000	
Telephone			1,000
Shipping			2,750
Sample Analysis			36,659
Core samples (Geochem Au & multi-element ICP)	$14.25/sample X 400	$ 5,700	
Rock chip samples	$14.25/sample X 300	4,275	
Soil samples	$12.10/sample X 2040	24,684	
Core Samples (Fire Assay Au, Ag, Cu, Zn, Pb)	$20.00/sample X 100	2,000	
		$ 36,659	
Line Cutting ($350/line mile X 30.9 miles)			10,815
Geophysics			57,440
Mag Survey	$150/line mile X 27.6 mi.	$ 4,140	
VLF-EM Survey	$150/line mile X 27.6 mi.	4,140	
I. P. Survey	$1600/line mile X 27.6 mi.	44,160	
Geophysical Interpretation and Report		5,000	
		$ 57,440	
Trenching			14,500
D6 Bulldozer	$50/hour X 50 hours	$ 2,500	
Backhoe	$60/hour X 150 hours	9,000	
Pump and Hose	$10/day X 60 days	600	
Plugger	$40/day X 60 days	2,400	
		$ 14,500	
Diamond Drilling ($25/foot X 6000 feet)			150,000
Report Preparation			5,000
		SUB-TOTAL	506,869
Contingency			18,131
		TOTAL	$525,000

Ministry of
Northern Development
and Mines

Ontario

Ministère du
Développement du Nord
et des Mines

52F16SE0383 2.11047 MACFIE

900

June 8, 1988

Your File: W8801-116
W8801-117
W8801-120
Our file: 2.11047

Mining Recorder
Ministry of Northern Development and Mines
808 Robertson Street
P.O. Box 5200
Kenora, Ontario
P8N 3X9

Dear Sir:

RE: Notice of Intent dated May 24, 1988
Geological and Geochemical Survey and Data for Assaying
submitted on Mining Claims K 823870 et al
in the Township of Macfie

The assessment work credits, as listed with the above-mentioned Notice of Intent, have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely,

W.R. Cowan, Manager
Mining Lands Section
Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
JUN 20 1988
RECEIVED

Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888
RM
RM:pl
Enclosure: Technical Assessment Work Credits

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

Resident Geologist
Kenora, Ontario

Camine Resources Inc.
Suite 930
540 - 5th Avenue SW
Calgary, Alberta
T2P 0M2

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

File	
2.11047	
Date: May 24, 1988	Mining Recorder's Report of Work No.: W8801-116

KENORA

Recorded Holder	Camine Resources Inc.
Township or Area	Macfie Township

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic _____ days	K 823870 to 873 inclusive 851177 851184
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological 40 days	
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

30 days Geological

K 851180
861444

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

828 (85/12)

exceed the maximum allowed as follows: Geophysical - 80; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

828 (85/12)

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

File 2.11047

Date May 24, 1988

Mining Recorder's Report of Work No. W8801-120

KENORA

Recorded Holder: Camine Resources Inc.

Township or Area: Macfie Township

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic _____ days	K 851144 to 159 inclusive
Magnetometer _____ days	851161 to 170 inclusive
Radiometric _____ days	851174 to 176 inclusive
Induced polarization _____ days	851178 to 179 inclusive
Other _____ days	851181 to 183 inclusive
Section 77 (19) See "Mining Claims Assessed" column	851185 to 186 inclusive
Geological 25 days	851188 to 191 inclusive
Geochemical _____ days	861445
Man days [X] Airborne [ ]	1006502 to 504 inclusive
Special provision [ ] Ground [X]	1006507
[ ] Credits have been reduced because of partial coverage of claims.	1006510
[ ] Credits have been reduced because of corrections to work dates and figures of applicant.	1006512 to 513 inclusive
	1006516
	1006520 to 521 inclusive

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

[X] not sufficiently covered by the survey

K 851160
851171 to 173 inclusive
851187
851192 to 193 inclusive
861438 to 441 inclusive
1006501
1006505 to 506 inclusive
1006508 to 509 inclusive
1006511

[ ] insufficient technical data filed

K 1006514 to 515 inclusive
1006517 to 519 inclusive

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

828 (85/12)

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

File 2.11047

Date May 24, 1988

Mining Recorder's Report of Work No. W8801-120

KENORA

Recorded Holder: Camine Resources Inc.

Township or Area: Macfie Township

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic _____ days	$10,965 SPENT ON ASSAYING SAMPLES TAKEN FROM MINING CLAIMS:
Magnetometer _____ days	
Radiometric _____ days	K 851144 to 147 inclusive 851150 to 158 inclusive 851161 to 164 inclusive 851166 to 169 inclusive 851174 to 176 inclusive 851178 851181 to 183 inclusive 851185 861445 1006502 1006504 1006510 1006513 1006516
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological _____ days	
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☐ Ground ☒	
☐ Credits have been reduced because of partial coverage of claims.	731 DAYS CREDIT ALLOWED WHICH MAY BE GROUPED IN ACCORDANCE WITH SECTION 76(6) OF THE MINING ACT R.S.O. 1980.
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

* Note: 840 days approved for claims in Patricia Division.
(Please see attached sheet).

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

828 (85/12)

TABLE B

APPLICATION OF EXPENDITURES

MINING DIVISION	TOWNSHIP OR AREA	MINING CLAIM NUMBER(S)	NO. OF CLAIMS	EXPENDITURE DAYS CREDIT PER CLAIM	TOTAL EXPENDITURE DAYS CREDIT
Kenora	Macfie	K823870	1	15	15
	"	K823872	1	15	15
	"	K851146-851147	2	30	60
	"	K851151-851153	3	30	90
	"	K851155-851157	3	30	90
	"	K851162-851164	3	30	90
	"	K851166-851168	3	30	90
	"	K851175	1	11	11
	"	K851176	1	30	30
	"	K851177	1	15	15
	"	K851178-851179	2	30	60
	"	K851180	1	15	15
	"	K851181-851183	3	30	90
	"	K851185	1	30	30
	"	K861445	1	30	30
Patricia	Kiekewabik Lake Area	PA850955-850956	2	30	60
		PA850959	1	30	30
	"	PA850962	1	30	30
	"	PA850965	1	30	30
	"	PA850971	1	30	30
	McAree	PA850954	1	30	30
		PA850960	1	30	30
		PA850968-850970	3	30	90
		PA850973-850976	4	30	120
		PA850980-850982	3	30	90
		PA850986-850988	3	30	90
		PA850993-850995	3	30	90
		PA850999-851000	2	30	60
		PA861359-861360	2	30	60
		Total	55	Total	1,571

Ontario Natural Resources

(Geophysical, Geological, Geochemical and Expenditures)

DOCUMENT No W8801-116

GEOLOGICAL SPECIAL PROVISIONS CREDITS

Mining Act 2.11047

Note: – Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns. – Do not use shaded areas below.

Type of Survey: GEOLOGICAL

Township or Area: Macfie ~~Twps.~~ ~~and Kiakowabik Lake Area~~ M-1945

Claim Holder(s): CAMINE RESOURCES INC.

Prospector's Licence No.: T-4954

Address: 930, 540-5th Avenue SW, Calgary, Alberta T2P 0M2

Survey Company: GML MINERALS CONSULTING LTD.

Date of Survey (from & to): 02 07 87 – 06 04 88 (Day Mo. Yr. – Day Mo. Yr.)

Total Miles of line Cut: 7.46 Rivers Grid, 7.18 Sandybeach Grid

Name and Address of Author (of Geo-Technical report): Brent Chomack 75 MacEwan Meadow Cr. NW, Calgary, Alberta T3K 2R7

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	40
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

RECEIVED MAY 9 1988 MINING LANDS SECTION

Mining Claims Traversed (List in numerical sequence)

Prefix	Number	Expend. Days Cr.
~~PA~~	~~823963~~	
	~~823964~~	
	~~850957~~	
	~~850958~~	
	~~850961~~	
	~~850964~~	
	~~Rivers Grid (Patricia Mining Division)~~	

Prefix	Number	Expend. Days Cr.
K	823870	
	823871	
	823872	
	823873	
	851177	
	851180	
	851184	
	851444	
	Sandybeach Grid (Kenora Mining Division)	

KENORA MINING DIV. RECEIVED APR 29 1988 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

KENORA MINING DIV. RECEIVED APR 18 1988 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

823870

Total number of mining claims covered by this report of work: 8

Expenditures (excludes power stripping)

Type of Work Performed:

Performed on Claim(s):

Calculation of Expenditure Days Credits

Total Expenditures $ ÷ 15 = Total Days Credits

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Date: April 6/1988

Recorded Holder or Agent (Signature): B. Clark

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
320	April 29/88	Scott Rivett
	Date Approved as Recorded	Branch Director
	See Revised Statement	

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: Brent Chomack 75 MacEwan Meadow Cr. NW, Calgary, Alberta T3K 2R7

Date Certified: April 6/1988

Certified by (Signature): B. Clark

Ontario Resources

(Geophysical, Geological, Geochemical and Expenditures)

GEOCHEMICAL SPECIAL PROVISIONS CREDITS

Mining Act 2.11047

Note: – Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns. – Do not use shaded areas below.

(2) T.S

DOCUMENT No. W8801 117

117-88

Type of Survey: GEOCHEMICAL	Township or Area: Macfie ~~Pichree Twps. and Kirkewabik Lake Area~~ M-1943
Claim Holder(s): CAMINE RESOURCES INC.	Prospector's Licence No.: T-4954
Address: 930, 540-5th Avenue SW, Calgary, Alberta T2P 0M2	
Survey Company: GML MINERALS CONSULTING LTD.	Date of Survey (from & to): 02 07 87 – 06 04 88 (Day Mo. Yr.)
Name and Address of Author (of Geo-Technical report): Brent Chomack 75 MacEwan Meadow Cr. NW, Calgary, Alberta T3K 2R7	Total Miles of line Cut: 7.46 Rivers Grid, 7.18 Sandybeach Grid

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	20

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

RECEIVED MAY 9 1988 MINING LANDS SECTION

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Number	Expend. Days Cr.	Mining Claim Prefix	Number	Expend. Days Cr.
PA	823963		K	823871	
	823964			823873	
	850957			851184	
	850958			851444	
	850961				
	850964				
	Rivers Grid (Patricia Mining Division)			Sandybeach Grid (Kenora Mining Division)	

KENORA MINING DIV. RECEIVED APR 20 1988 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

KENORA MINING DIV. RECEIVED APR 18 1988 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

823870

Total number of mining claims covered by this report of work: 4 10

Expenditures (excludes power stripping)

Type of Work Performed	
Performed on Claim(s)	

Calculation of Expenditure Days Credits

Total Expenditures $ ____ + 15 = Total Days Credits ____

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Date	Recorded Holder or Agent (Signature)
April 6, 1988	[signature]

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
80	April 29/88	[signature]
	Date Approved as Recorded	Branch Director
	See Revised Statement	

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: Brent Chomack 75 MacEwan Meadow Cr. NW, Calgary, Alberta T3K 2R7

Date Certified	Certified by (Signature)
April 6/1988	[signature]

Ontario Natural Resources

(Geophysical, Geological, Geochemical and Expenditures)

RECONNAISSANCE GRID

Mining Act 2.11047 MACFIE TWP- M-1945

Note – If space on this form exceeds space on this form, attach a list. Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns. Do not use shaded areas below. 120-88

DOCUMENT No. W8801.120

Type of Survey	Township or Area
GEOLOGICAL AND GEOCHEMICAL	See Table A

Claim Holder(s)	Prospector's Licence No.
CAMINE RESOURCES INC.	T-4954

Address: 930, 540-5th Avenue SW, Calgary, Alberta T2P 0M2

Survey Company	Date of Survey (from & to)	Total Miles of line Cut
GML MINERALS CONSULTING LTD.	02 07 87 (Day Mo. Yr.) – 06 04 88 (Day Mo. Yr.)	37.16

Name and Address of Author (of Geo-Technical report): Brent Chomack 75 MacEwan Meadow Cr. NW, Calgary, Alberta

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	Geological	18
	Geochemical	5

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

RECEIVED MAY 9 1988 MINING LANDS SECTION

TABLE A

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
	Geological and geochemical surveys performed on claims listed on Table A, attached.			73 ~~124~~ claims	
	Apply expenditures as given on Table B, attached.			27 ~~55~~ claims	

KENORA MINING DIV. RECEIVED APR 29 1988 7,8,9,10,11,12,1,2,3,4,5,6 PM

KENORA MINING DIV. APR 12 1988 8 45 PM

Expenditures (excludes power stripping)

Type of Work Performed: Geochemical analyses

Performed on Claim(s): See Table ~~B~~ A attached

Calculation of Expenditure Days Credits

Total Expenditures * $ 23,567.00 ÷ 15 = Total Days Credits 1571

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

*See Schedule 12 for details. 823870

Total number of mining claims covered by this report of work: M.D. 134 EXP. 55

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
2410	April 29/88	Scott Rivett
	Date Approved as Recorded	Branch Director
	See Reverse Statement	

Date	Recorded Holder or Agent (Signature)
April 6, 1988	B. Clark

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: Brent Chomack, 75 MacEwan Meadow Cr. NW, Calgary, Alberta

Date Certified	Certified by (Signature)
April 6/1988	B. Clark

Assessment Work Breakdown

n Days are based on eight (8) hour Technical or Line-cutting days. Technical days include work performed by consultants, draftsmen, etc..

Type of Survey	Technical Days		Technical Days Credits		Line-cutting Days		Total Credits		No. of Claims		Days per Claim
GEOLOGICAL	321.5	X 7 =	2250.5	+	223.7	=	2474.2	÷	134	=	18.5
GEOCHEMICAL	89.5	X 7 =	626.5	+		=	626.5	÷	134	=	4.7
		X 7 =		+		=		÷		=	
		X 7 =		+		=		÷		=	

DOCUMENT No.
W8801·120

TABLE A

RECONNAISSANCE GRID
MINING CLAIMS TRAVERSED IN RECONNAISSANCE GRID AREA

DOCUMENT NO.
W8801·120

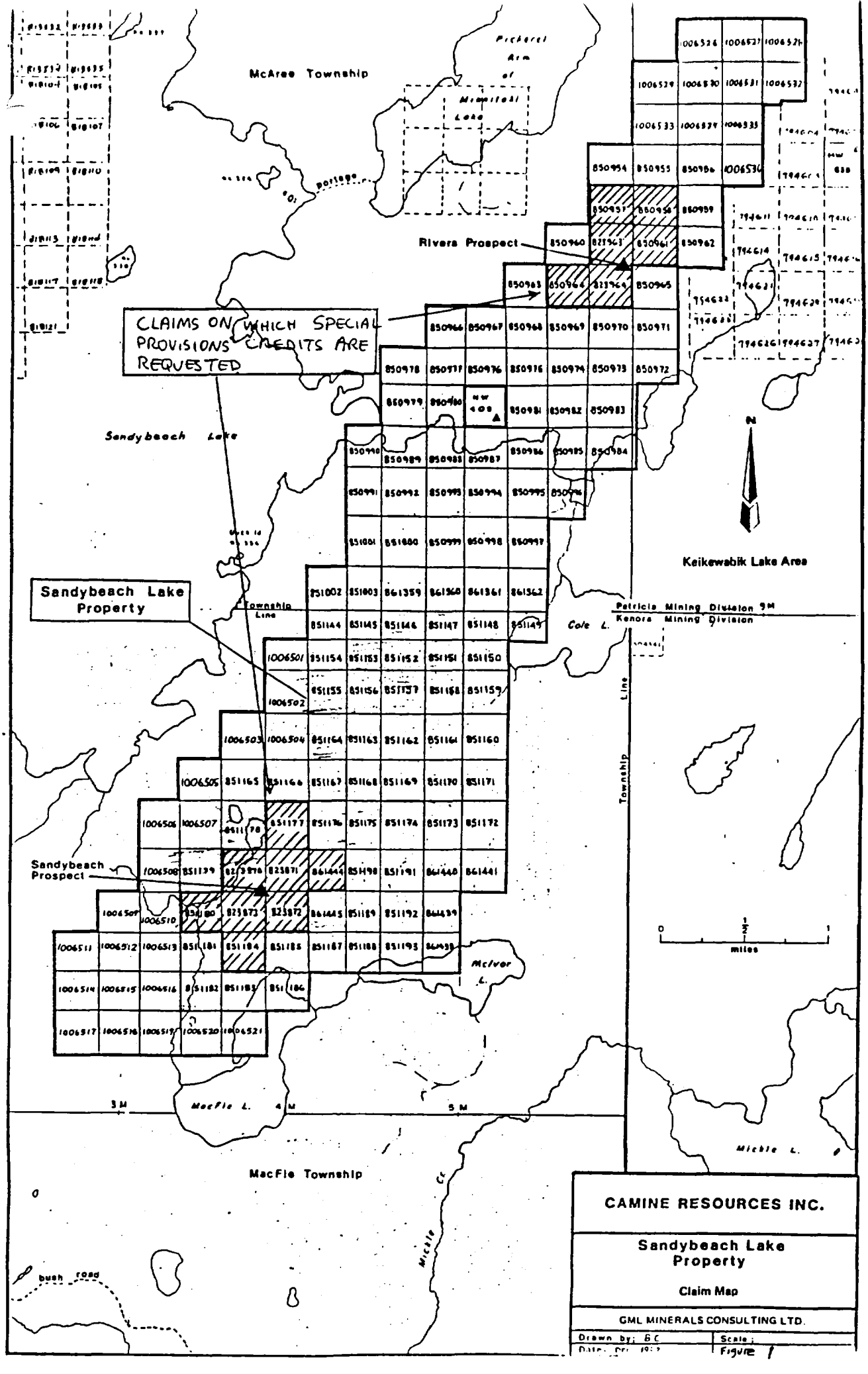
MINING DIVISION	TOWNSHIP OR AREA	MINING CLAIM NUMBER(S)	NUMBER OF CLAIMS
Patricia	McAree Township	PA 850954	1
	"	PA 850960	1
	"	PA 850963	1
	"	PA 850966-850970	5
	"	PA 850973-851003	31
	"	PA 861359-861362	4
	Kiekewabik Lake Area	PA 850955-850956	2
		PA 850959	1
	"	PA 850962	1
	"	PA 850965	1
	"	PA 850971-850972	2
	"	~~PA 1006526-1006536~~	~~11~~
Kenora	Macfie Township	K 851144-851176	33
	"	K 851178-851179	2
	"	K 851181-851183	3
	"	K 851185-851193	9
	"	K 861438-861441	4
	"	K 861445	1
	"	K 1006501-1006521	21
		Total	~~134~~ ~~103~~ 73

DOCUMENT No.
W8801·120

TABLE B

APPLICATION OF EXPENDITURES

MINING DIVISION	TOWNSHIP OR AREA	MINING CLAIM NUMBER(S)	NO. OF CLAIMS	EXPENDITURE DAYS CREDIT PER CLAIM	TOTAL EXPENDITURE DAYS CREDIT
Kenora	Macfie	K823870	1	15	15
	"	K823872	1	15	15
	"	K851146-851147	2	30	60
	"	K851151-851153	3	30	90
	"	K851155-851157	3	30	90
	"	K851162-851164	3	30	90
	"	K851166-851168	3	30	90
	"	K851175	1	11	11
	"	K851176	1	30	30
	"	K851177	1	15	15
	"	K851178-851179	2	30	60
	"	K851180	1	15	15
	"	K851181-851183	3	30	90
	"	K851185	1	30	30
	"	K861445	1	30	30
			27		731
~~Patricia~~	~~Kiche~~	~~PA850955-850956~~	~~2~~	~~30~~	~~60~~
	Lake Area	PA850959	1	30	30
	"	PA850962	1	30	30
	"	PA850965	1	30	30
	"	PA850971	1	30	30
	McAree	PA850954	1	30	30
		PA850960	1	30	30
		PA850968-850970	3	30	90
		PA850973-850976	4	30	120
		PA850980-850982	3	30	90
		PA850986-850988	3	30	90
		PA850993-850995	3	30	90
		PA850999-851000	2	30	60
		PA861359-861360	2	30	60
		Total	55	Total	1,571


McAree Township
Pickerel Arm of Manitou Lake
Rivers Prospect
CLAIMS ON WHICH SPECIAL PROVISIONS CREDITS ARE REQUESTED
Sandybeach Lake
Sandybeach Lake Property
Township Line
Keikewabik Lake Area
Patricia Mining Division
Kenora Mining Division
Cole L.
Sandybeach Prospect
Mclvor L.
MacFie L.
Michie L.
MacFie Township
Michie Cr.
bush road
N
0 1/2 1 miles
CAMINE RESOURCES INC.
Sandybeach Lake Property
Claim Map
GML MINERALS CONSULTING LTD.
Drawn by: B.C.
Scale:
Figure 1

Ministry of
Northern Development
and Mines

Ontario

Ministère du
Développement du Nord
et des Mines

June 8, 1988

Your File: W8803-131
W8803-143
W8803-144
Our file: 2.11047

Mining Recorder
Ministry of Northern Development and Mines
Court House
P.O. Box 3000
Sioux Lookout, Ontario
POV 2TO

Dear Sir:

RE: Notice of Intent dated May 24, 1988
Geological and Geochemical Survey and Data for Assaying
submitted on Mining Claims Pa 850954 et al
in the Township of McAree and Kiekewabik Lake Area

The assessment work credits, as listed with the above-mentioned Notice of Intent, have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely,

W.R. Cowan, Manager
Mining Lands Section
Mines and Minerals Division

Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888
RM
RM:pl
Enclosure: Technical Assessment Work Credits

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

Resident Geologist
Sioux Lookout, Ontario

Camine Resources Inc.
Suite 930
540 - 5th Avenue SW
Calgary, Alberta
T2P OM2

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

File	
2.11047	
Date	Mining Recorder's Report of Work No.
May 24, 1988	W8803-131

PATRICIA

Recorded Holder: Camine Resources Inc.

Township or Area: McAree Township and Kiekewabik Lake Area

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic _____ days	
Magnetometer _____ days	Pa 850954 to 956 inclusive 850959 to 960 inclusive 850962 to 963 inclusive 850965 to 989 inclusive 850991 to 851001 inclusive 851003 861359 to 362 inclusive
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological 25 days	
Geochemical _____ days	
Man days ☒ Airborne ☐	
Special provision ☐ Ground ☒	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☒ not sufficiently covered by the survey ☐ insufficient technical data filed

Pa 850990
851002
1006526 to 536 inclusive

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

828 (85/12)

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

File 2.11047

Date May 24, 1988

Mining Recorder's Report of Work No. W8803-131

PATRICIA

Recorded Holder: Camine Resources Inc.

Township or Area: McAree Township and Kiekewabik Lake Area

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic _____ days	Pa 850954 to 956 inclusive
Magnetometer _____ days	850959 to 960 inclusive
Radiometric _____ days	850962 to 963 inclusive
Induced polarization _____ days	850965 to 970 inclusive
Other _____ days	850973 to 976 inclusive
Section 77 (19) See "Mining Claims Assessed" column	850980 to 982 inclusive
Geological _____ days	850985 to 988 inclusive
Geochemical 7.6 days	850992 to 851000 inclusive
Man days [X] Airborne [ ]	851003
Special provision [ ] Ground [X]	861359 to 361 inclusive
[ ] Credits have been reduced because of partial coverage of claims.	
[ ] Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

[X] not sufficiently covered by the survey [ ] insufficient technical data filed

Pa 850971 to 972 inclusive
850977 to 979 inclusive
850983 to 984 inclusive
850989 to 991 inclusive
851001 to 002 inclusive
1006526 to 536 inclusive
861362

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

828 (85/12)

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

File	
2.11047	
Date	Mining Recorder's Report of Work No.
May 24, 1988	W8803-131

PATRICIA

Recorded Holder	Camine Resources Inc.
Township or Area	McAree Township and Kiekewabik Lake Area

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days ☐ Airborne ☐ Special provision ☐ Ground ☒ ☐ Credits have been reduced because of partial coverage of claims. ☐ Credits have been reduced because of corrections to work dates and figures of applicant.	$12,600 SPENT ON ASSAYING SAMPLES TAKEN FROM MINING CLAIMS: Pa 850954 to 956 inclusive 850959 to 960 inclusive 850962 850965 850968 to 970 inclusive 850973 to 976 inclusive 950980 to 982 inclusive 850986 to 988 inclusive 850993 to 995 inclusive 850999 to 851000 inclusive 861359 to 360 inclusive 840 DAYS CREDIT ALLOWED WHICH MAY BE GROUPED IN ACCORDANCE WITH SECTION 76(6) OF THE MINING ACT R.S.O. 1980.

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

Note: 731 days approved for claims in Kenora Division (please see attached sheet).

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

828 (85/12)

TABLE B

APPLICATION OF EXPENDITURES

MINING DIVISION	TOWNSHIP OR AREA	MINING CLAIM NUMBER(S)	NO. OF CLAIMS	EXPENDITURE DAYS CREDIT PER CLAIM	TOTAL EXPENDITURE DAYS CREDIT
Kenora	Macfie	K823870	1	15	15
	"	K823872	1	15	15
	"	K851146-851147	2	30	60
	"	K851151-851153	3	30	90
	"	K851155-851157	3	30	90
	"	K851162-851164	3	30	90
	"	K851166-851168	3	30	90
	"	K851175	1	11	11
	"	K851176	1	30	30
	"	K851177	1	15	15
	"	K851178-851179	2	30	60
	"	K851180	1	15	15
	"	K851181-851183	3	30	90
	"	K851185	1	30	30
	"	K861445	1	30	30
Patricia	Kiekewabik Lake Area	PA850955-850956	2	30	60
		PA850959	1	30	30
	"	PA850962	1	30	30
	"	PA850965	1	30	30
	"	PA850971	1	30	30
	McAree	PA850954	1	30	30
		PA850960	1	30	30
		PA850968-850970	3	30	90
		PA850973-850976	4	30	120
		PA850980-850982	3	30	90
		PA850986-850988	3	30	90
		PA850993-850995	3	30	90
		PA850999-851000	2	30	60
		PA861359-861360	2	30	60
		Total	55	Total	1,571

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

File	
2.11047	
Date: May 24, 1988	Mining Recorder's Report of Work No. W8803-143

Recorded Holder: Camine Resources Inc.

Township or Area: McAree Township and Kiekewabik Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic _____ days	
Magnetometer _____ days	Pa 823964
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological _____ days	
Geochemical 20 days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

15 days Geochemical	10 days Geochemical
Pa 823963	Pa 850957
850958	
850961	
850964	

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

828 (85/12)

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

File	
2.11047	
Date: May 24, 1988	Mining Recorder's Report of Work No.: W8803-144

PATRICIA

Recorded Holder: Camine Resources Inc.

Township or Area: McAree Township and Kiekewabik Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic _____ days	
Magnetometer _____ days	Pa 823963 to 964 inclusive 850961
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological 40 days	
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

30 days Geological

Pa 850957 to 958 inclusive
850964

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

828 (85/12)

Ontario Natural Resources

Mining Lands Section

(Geophysical, Geological, Geochemical and Expenditures)

DOCUMENT NO. W8803.131

RECONNAISSANCE GRID

Mining Act 2.11047

Note: — If space on this form, attach a list. — Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns. — Do not use shaded areas below.

Type of Survey(s): GEOLOGICAL AND GEOCHEMICAL	Township or Area: See Table A
Claim Holder(s): CAMINE RESOURCES INC.	Prospector's Licence No.: T-4954
Address: 930, 540-5th Avenue SW, Calgary, Alberta T2P 0M2	
Survey Company: GML MINERALS CONSULTING LTD.	Date of Survey (from & to): 02 07 87 (Day Mo. Yr.) – 06 04 88 (Day Mo. Yr.)
	Total Miles of line Cut: 37.16
Name and Address of Author (of Geo-Technical report): Brent Chomack 75 MacEwan Meadow Cr. NW, Calgary, Alberta	

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	18
	Geochemical	5

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

RECEIVED MAY 17 1988 MINING LANDS SECTION

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
	Geological and geochemical surveys performed on claims listed on Table A, attached.			~~134~~ 61 claims	
	Apply expenditures as given on Table B, attached.			~~55~~ 28 claims	

RECEIVED APR 18 1988 PATRICIA MINING DIVISION

Expenditures (excludes power stripping)

Type of Work Performed: Geochemical analyses Section 77-19

Performed on Claim(s): See Table E attached

Calculation of Expenditure Days Credits

Total Expenditures * $ 23,567.00 ÷ 15 = Total Days Credits 1571

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

*See Schedule 12 for details.

Total number of mining claims covered by this report of work: M.D. ~~134~~ 61; EXP. ~~55~~ 28

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
2078	April 18 1988	
	Date Approved as Recorded	Branch Director
	See Revised Statement	

Date	Recorded Holder or Agent (Signature)
April 6, 1988	B. Chomack

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: Brent Chomack, 75 MacEwan Meadow Cr. NW, Calgary, Alberta

Date Certified	Certified by (Signature)
April 6/1988	B. Chomack

Assessment Work Breakdown

n Days are based on eight (8) hour Technical or Line-cutting days. Technical days include work performed by consultants, draftsmen, etc..

Type of Survey: GEOLOGICAL

Technical Days			Technical Days Credits		Line-cutting Days		Total Credits		No. of Claims		Days per Claim
321.5	X	7	= 2250.5	+	223.7	=	2474.2	÷	134	=	18.5

Type of Survey: GEOCHEMICAL

Technical Days			Technical Days Credits		Line-cutting Days		Total Credits		No. of Claims		Days per Claim
89.5	X	7	= 626.5	+		=	626.5	÷	134	=	4.7

Type of Survey:

Technical Days			Technical Days Credits		Line-cutting Days		Total Credits		No. of Claims		Days per Claim
	X	7	=	+		=		÷		=	

Type of Survey:

Technical Days			Technical Days Credits		Line-cutting Days		Total Credits		No. of Claims		Days per Claim
	X	7	=	+		=		÷		=	

TABLE A

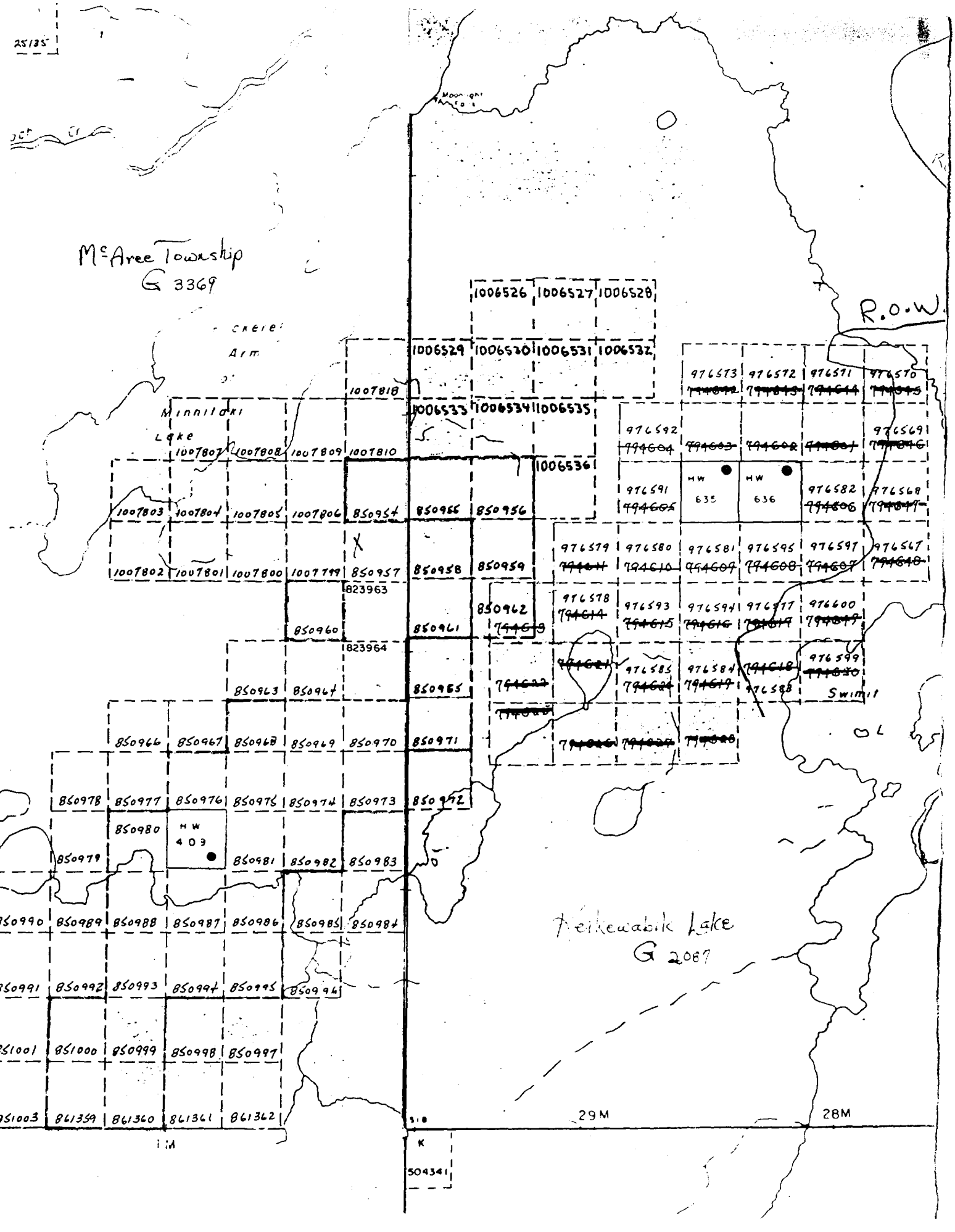
RECONNAISSANCE GRID
MINING CLAIMS TRAVERSED IN RECONNAISSANCE GRID AREA

MINING DIVISION	TOWNSHIP OR AREA	MINING CLAIM NUMBER(S)	NUMBER OF CLAIMS
Patricia	McAree Township	PA 850954	1
	"	PA 850960	1
	"	PA 850963	1
	"	PA 850966-850970	5
	"	PA 850973-851003	31
	"	PA 861359-861362	4
	Kiekewabik Lake Area	PA 850955-850956	2
	"	PA 850959	1
	"	PA 850962	1
	"	PA 850965	1
	"	PA 850971-850972	2
	"	PA 1006526-1006536	11 61
Kenora	Macfie Township	K 851144-851176	33
	"	K 851178-851179	2
	"	K 851181-851183	3
	"	K 851185-851193	9
	"	K 861438-861441	4
	"	K 861445	1
	"	K 1006501-1006521	21
		Total	134

TABLE B

APPLICATION OF EXPENDITURES

MINING DIVISION	TOWNSHIP OR AREA	MINING CLAIM NUMBER(S)	NO. OF CLAIMS	EXPENDITURE DAYS CREDIT PER CLAIM	TOTAL EXPENDITURE DAYS CREDIT
Kenora	Macfie	K823870	1	15	~~15~~
	"	K823872	1	15	15
	"	K851146-851147	2	30	60
	"	K851151-851153	3	30	90
	"	K851155-851157	3	30	90
	"	K851162-851164	3	30	90
	"	K851166-851168	3	30	90
	"	K851175	1	11	11
	"	K851176	1	30	30
	"	K851177	1	15	15
	"	K851178-851179	2	30	60
	"	K851180	1	15	15
	"	K851181-851183	3	30	90
	"	K851185	1	30	30
	"	K861445	1	30	30
Patricia	Kiekewabik Lake Area	PA850955-850956	2	30	60
		PA850959	1	30	30
	"	PA850962	1	30	30
	"	PA850965	1	30	30
	"	PA850971	1	30	30
	McAree	PA850954	1	30	30
		PA850960	1	30	30
		PA850968-850970	3	30	90
		PA850973-850976	4	30	120
		PA850980-850982	3	30	90
		PA850986-850988	3	30	90
		PA850993-850995	3	30	90
		PA850999-851000	2	30	60
		PA861359-861360	2	30	60
			~~28~~		840
		Total	~~55~~	Total	~~1,571~~


McAree Township
G 3369
Minnitaki Lake
Arm
R.O.W.
Swim
Heikewabik Lake
G 2087
HW 635
HW 636
HW 403
29M
28M
1M
K
504341

Ontario Natural Resources

Mining lands Section

(Geophysical, Geological, Geochemical and Expenditures)

GEOCHEMICAL SPECIAL PROVISIONS CREDITS

Mining Act

Note: – exceeds space on this form, attach a list.
– Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
– Do not use shaded areas below.

DOCUMENT No. W8803·143

Type of Survey(s): GEOCHEMICAL

Township or Area: G 3369 ~~Macfie~~ + McAree Twps. G 2087 and ~~Kiekewabik~~ Lake Area

Claim Holder(s): CAMINE RESOURCES INC.

Prospector's Licence No.: T-4954

Address: 930, 540-5th Avenue SW, Calgary, Alberta T2P 0M2

Survey Company: GML MINERALS CONSULTING LTD.

Date of Survey (from & to): 02 07 87 (Day Mo. Yr.) – 06 04 88 (Day Mo. Yr.)

Total Miles of line Cut: 7.46 Rivers Grid, ~~7.18 Sandybeach Grid~~

Name and Address of Author (of Geo-Technical report): Brent Chomack 75 MacEwan Meadow Cr. NW, Calgary, Alberta T3K 2R7

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	20

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

RECEIVED MAY 20 1988 MINING LANDS SECTION

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
PA	823963		K	823871	
	823964			823873	
	850957			851184	
	850958			851444	
	850961				
	850964				
	Rivers Grid			Sandybeach Grid	
	(Patricia Mining			(Kenora Mining	
	Division)			Division)	

RECEIVED MAY - 4 1988 PATRICIA MINING DIVISION

RECEIVED MAY 1 1988 PATRICIA MINING DIVISION

Total number of mining claims covered by this report of work: 6 10

Expenditures (excludes power stripping)

Type of Work Performed:

Performed on Claim(s):

Calculation of Expenditure Days Credits

Total Expenditures $ ÷ 15 = Total Days Credits

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

For Office Use Only		
Total Days Cr. Recorded: 125	Date Recorded: May 4, 1988	Mining Recorder:
	Date Approved as Recorded: See reverse statement	Branch Director:

Date: April 6, 1988

Recorded Holder or Agent (Signature): B. Clark

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: Brent Chomack 75 MacEwan Meadow Cr. NW, Calgary, Alberta T3K 2R7

Date Certified: April 6/1988

Certified by (Signature): B. Clark

Ontario Natural Resources

Mining Lands - Section

(Geophysical, Geological, Geochemical and Expenditures)

DOCUMENT No. W8803-144

GEOLOGICAL SPECIAL PROVISIONS CREDITS

Mining Act

Note: – If number of mining claims traversed exceeds space on this form, attach a list.
– Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
– Do not use shaded areas below.

Type of Survey: GEOLOGICAL	Township or Area: ~~Macfie~~ + McAree Twps. G3369 & G2017 and Kiekewabik Lake Area
Claim Holder(s): CAMINE RESOURCES INC.	Prospector's Licence No.: T-4954
Address: 930, 540-5th Avenue SW, Calgary, Alberta T2P 0M2	
Survey Company: GML MINERALS CONSULTING LTD.	Date of Survey (from & to): 02 07 87 – 06 04 88 (Day Mo. Yr. – Day Mo. Yr.)
	Total Miles of line Cut: 7.46 Rivers Grid ~~7.18 Sandybeach Grid~~
Name and Address of Author (of Geo-Technical report): Brent Chomack 75 MacEwan Meadow Cr. NW, Calgary, Alberta T3K 2R7	

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	40
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

RECEIVED MAY 20 1988 MINING LANDS SECTION

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
PA	823963		K	823870	
	823964			823871	
	850957			823872	
	850958			823873	
	850961			851177	
	850964			851180	
				851184	
				851444	
	Rivers Grid (Patricia Mining Division)			Sandybeach Grid (Kenora Mining Division)	

APR 13 1988 PATRICIA MINING DIVISION

Total number of mining claims covered by this report of work: 6 14

Expenditures (excludes power stripping)

Type of Work Performed:

Performed on Claim(s):

Calculation of Expenditure Days Credits

Total Expenditures $ ÷ 15 = Total Days Credits

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

For Office Use Only		
Total Days Cr. Recorded: 240	Date Recorded: April 18, 1988	Mining Recorder:
	Date Approved as Recorded: See revised statement	Branch Director

Date	Recorded Holder or Agent (Signature)
April 6/1988	

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: Brent Chomack 75 MacEwan Meadow Cr. NW, Calgary, Alberta T3K 2R7

Date Certified	Certified by (Signature)
April 6/1988	

Ontario

Ministry of Natural Resources

File _____

RECONNAISSANCE GRID

GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) GEOCHEMICAL AND GEOLOGICAL

Township or Area Macfie, McAree, Kiekewabik Lake Area

Claim Holder(s) Camine Resources Inc.

Survey Company GML Minerals Consulting Ltd.

Author of Report Brent Chomack

Address of Author 75 MacEwan Meadow Cr. NW, Calgary, Ab.

Covering Dates of Survey July 2/1987 to April 6/1988 (linecutting to office)

Total Miles of Line Cut 37.16

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

	DAYS per claim.
Geophysical	
–Electromagnetic	
–Magnetometer	
–Radiometric	
–Other	
Geological	
Geochemical	

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: APRIL 6, 1988 SIGNATURE: B. Chomack
Author of Report or Agent

Res. Geol. _____ Qualifications See file

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix) (number)

See Table A, attached

If space insufficient, attach list

TOTAL CLAIMS 134

X

837 (5/79)

GEOCHEMICAL SURVEY – PROCEDURE RECORD

RECONNAISSANCE GRID

Numbers of claims from which samples taken: See Table A, attached

Total Number of Samples: 785

Type of Sample: Soil
(Nature of Material)

Average Sample Weight: 0.75 lb

Method of Collection: Mattock, by hand, with samples put into paper envelopes

Soil Horizon Sampled: B

Horizon Development: Poor to Good

Sample Depth: Variable 3" to 8"

Terrain: Forested flat to rolling and locally hilly, local spruce or cedar muskeg.

Drainage Development: Poor to Good

Estimated Range of Overburden Thickness: 0-50 feet

ANALYTICAL METHODS

Values expressed in: per cent ☐ p. p. m. ☒ Au p. p. b. ☒

Cu, Pb, Zn, Ni, Co, Ag, Mo, As (circle)

Others: Mn, U, Th, Sr, Cd, Sb, Bi, V, La, Cr, Ba, B, W, (Fe, Ca, P, Mg, Ti, Al, Na, K By %)

Field Analysis (_____ tests)

Extraction Method: _____

Analytical Method: _____

Reagents Used: _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method: _____

Analytical Method: _____

Reagents Used: _____

Commercial Laboratory (_____ tests)

Name of Laboratory: Acme Analytical Labs

Extraction Method: Acid Digestion

Analytical Method: Induced current plasma and Au by Atomic Absorption

Reagents Used: $HCl-HNO_3-H_2O$

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis: -80 mesh

General: Laboratory preparation

General: _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

RECONNAISSANCE GRID

Numbers of claims from which samples taken K 823872, K 851180

Total Number of Samples 5

Type of Sample Humus
(Nature of Material)

Average Sample Weight 4 oz.

Method of Collection By hand, with samples put into paper envelopes

Soil Horizon Sampled A

Horizon Development Poor to Good

Sample Depth 0-3 inches

Terrain Forested flat to rolling and locally hilly with local spruce or cedar muskeg

Drainage Development Poor to Good

Estimated Range of Overburden Thickness 0-50 feet

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis -80 Mesh

General Samples are dried, pulverized, screened, split

ANALYTICAL METHODS

Values expressed in: per cent ☐
p. p. m. ☒
Au p. p. b. ☒

Cu, Pb, Zn, Ni, Co, Ag, Mo, As (circle)

Others Mn, U, Th, Sr, Cd, Sb, B, V, La, Cr, Br, B, W, (Fe, Ca, P, Mg, Ti, Al, Na, K by %)

Field Analysis (____ tests)

Extraction Method

Analytical Method

Reagents Used

Field Laboratory Analysis

No. (____ tests)

Extraction Method

Analytical Method

Reagents Used

Commercial Laboratory (____ tests)

Name of Laboratory Acme Analytical Labs

Extraction Method Acid digestion

Analytical Method Induced Current Plasma and Au by atomic absorption.

Reagents Used $HCl-HNO_3-H_2O$

General

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken: See Table A, attached

Total Number of Samples: 116

Type of Sample: Rock Chip
(Nature of Material)

Average Sample Weight: 2 lbs

Method of Collection: Hand grab or rock chip sample into a plastic bag

Soil Horizon Sampled:

Horizon Development:

Sample Depth:

Terrain:

Drainage Development:

Estimated Range of Overburden Thickness:

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis:

General: Laboratory preparation

ANALYTICAL METHODS

Values expressed in: per cent ☐ p. p. m. ☒ Au p. p. b. ☒

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, (circle)

Others: Mn, U, Th, Sr, Cd, Sb, Bi, V, La, Cr, Ba, B, W, (Fe, Ca, P, Mg, Ti, Al, Na, K by %)

Field Analysis (_____ tests)

Extraction Method:

Analytical Method:

Reagents Used:

Field Laboratory Analysis

No. (_____ tests)

Extraction Method:

Analytical Method:

Reagents Used:

Commercial Laboratory (_____ tests)

Name of Laboratory: Acme Analytical Labs

Extraction Method: Acid digestion

Analytical Method: Induced current plasma with fire assay for Au.

Reagents Used: $HCL-HNO_3-H_2O$

General:

TABLE A

RECONNAISSANCE GRID
MINING CLAIMS TRAVERSED IN RECONNAISSANCE GRID AREA

MINING DIVISION	TOWNSHIP OR AREA	MINING CLAIM NUMBER(S)	NUMBER OF CLAIMS
Patricia	McAree Township	PA 850954	1
	"	PA 850960	1
	"	PA 850963	1
	"	PA 850966-850970	5
	"	PA 850973-851003	31
	"	PA 861359-861362	4
	Kiekewabik Lake Area	PA 850955-850956	2
		PA 850959	1
	"	PA 850962	1
	"	PA 850965	1
	"	PA 850971-850972	2
	"	PA 1006526-1006536	11
Kenora	Macfie Township	K 851144-851176	33
	"	K 851178-851179	2
	"	K 851181-851183	3
	"	K 851185-851193	9
	"	K 861438-861441	4
	"	K 861445	1
	"	K 1006501-1006521	21
		Total	134

File _____

Ontario

Ministry of Natural Resources

GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

RIVERS GRID

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) GEOLOGICAL AND GEOCHEMICAL

Township or Area McAree and Kiekewabik Lake Area

Claim Holder(s) Camine Resources Inc.

Survey Company GML Minerals Consulting Ltd.

Author of Report Brent Chomack

Address of Author 75 MacEwan Meadow Cr. NW, Calgary AB

Covering Dates of Survey July 2/1987 to April 6/1988 (linecutting to office)

Total Miles of Line Cut 7.46

MINING CLAIMS TRAVERSED
List numerically

(prefix) (number)

PA 823963
PA 823964
PA 850957
PA 850958
PA 850961
PA 850964

If space insufficient, attach list

TOTAL CLAIMS 6

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

	DAYS per claim
Geophysical	
–Electromagnetic	
–Magnetometer	
–Radiometric	
–Other	
Geological	40
Geochemical	20

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: APRIL 6, 1988 SIGNATURE: [signature]
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

837 (5/79)

GEOCHEMICAL SURVEY – PROCEDURE RECORD

RIVERS GRID

Numbers of claims from which samples taken: PA 823963, PA 823964, PA 850957
PA 850958, PA 850961, PA 850964

Total Number of Samples: 312

Type of Sample: Soil
(Nature of Material)

Average Sample Weight: 0.75 lb

Method of Collection: Mattock, by hand, with samples put into paper envelopes

Soil Horizon Sampled: B

Horizon Development: Poor to Good

Sample Depth: Variable 3" to 8"

Terrain: Forested flat to rolling and locally hilly, local spruce or cedar muskeg

Drainage Development: Poor to Good

Estimated Range of Overburden Thickness: 0-50 feet

ANALYTICAL METHODS

Values expressed in: per cent ☐
p. p. m. ☒
Au p. p. b. ☒

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, -(circle)

Others Mn, U, Th, Sr, Cd, Sb, Bi, V, La, Cr, Ba, B, W, (Fe, Ca, P, Mg, Ti, Al, Na, K by %)

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory: Acme Analytical Labs

Extraction Method: Acid digestion

Analytical Method: Induced current plasma and Au by atomic absorption

Reagents Used: $HCl-HNO_3-H_2O$

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis: -80 Mesh

General: Laboratory preparation

General _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

RIVERS GRID

Numbers of claims from which samples taken PA 823963, PA 823964, PA 850957, PA 850958, PA 850961, PA 850964

Total Number of Samples 15

Type of Sample Rock Chip
(Nature of Material)

Average Sample Weight 2 lbs

Method of Collection Hand grab or rock chip sample into a plastic bag

Soil Horizon Sampled

Horizon Development

Sample Depth

Terrain

Drainage Development

Estimated Range of Overburden Thickness

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis

General Laboratory preparation

ANALYTICAL METHODS

Values expressed in: per cent ☐
p. p. m. ☒
Au p. p. b. ☒

Cu, Pb, Zn, Ni, Co, Ag, Mo, As (circle)

Others Mn, U, Th, Sr, Cd, Sb, Bi, V, La, Cr, Ba, B, W, (Fe, Ca, P, Mg, Ti, Al, Na, K by %)

Field Analysis (tests)

Extraction Method

Analytical Method

Reagents Used

Field Laboratory Analysis

No. (tests)

Extraction Method

Analytical Method

Reagents Used

Commercial Laboratory (tests)

Name of Laboratory Acme Analytical Labs

Extraction Method Acid digestion

Analytical Method Induced current plasma with Fire Assay for Au

Reagents Used $HCl-HNO_3-H_2O$

General

Ontario

Ministry of Natural Resources

File _____

SANDYBEACH GRID

GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) GEOLOGICAL

Township or Area Macfie

Claim Holder(s) Camine Resources Inc.

Survey Company GML Minerals Consulting Ltd.

Author of Report Brent Chomack

Address of Author 75 MacEwan Meadow Cr. NW, Calgary, AB

Covering Dates of Survey July 2/1987-April 6/1988 (linecutting to office)

Total Miles of Line Cut 7.18

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

	DAYS per claim
Geophysical	
–Electromagnetic	
–Magnetometer	
–Radiometric	
–Other	
Geological	40
Geochemical	

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: APRIL 6, 1988 SIGNATURE: [signature]
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
K	823870
K	823871
K	823872
K	823873
K	851177
K	851180
K	851184
K	861444

If space insufficient, attach list

TOTAL CLAIMS 8

837 (5/79)

Ontario

Ministry of Natural Resources

File _____

GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

SANDYBEACH GRID

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) GEOCHEMICAL

Township or Area Macfie

Claim Holder(s) Camine Resources Inc.

Survey Company GML Minerals Consulting Ltd.

Author of Report Brent Chomack

Address of Author 75 MacEwan Meadow Cr. NW, Calgary AB

Covering Dates of Survey July 2/1987 to April 6/1988 (linecutting to office)

Total Miles of Line Cut 7.18

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
K	823871
K	823873
K	861444

If space insufficient, attach list

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

	DAYS per claim.
Geophysical	
–Electromagnetic	
–Magnetometer	
–Radiometric	
–Other	
Geological	
Geochemical	20

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: APRIL 6, 1988 SIGNATURE: _____
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

TOTAL CLAIMS 3

837 (5/79)

GEOCHEMICAL SURVEY – PROCEDURE RECORD

SANDYBEACH GRID

Numbers of claims from which samples taken: K 823871, K 823873, K 861444

Total Number of Samples: 224

Type of Sample: Soil
(Nature of Material)

Average Sample Weight: 0.75 lbs

Method of Collection: Mattock, by hand, with samples put into paper envelopes

Soil Horizon Sampled: B

Horizon Development: Poor to Good

Sample Depth: Variable 3" to 8"

Terrain: Forested flat to rolling and locally hilly, local spruce or cedar muskeg

Drainage Development: Poor to Good

Estimated Range of Overburden Thickness: 0-50 feet

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis: -80 Mesh

General: Laboratory preparation

ANALYTICAL METHODS

Values expressed in: per cent ☐ p. p. m. ☒ Au p. p. b. ☒

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, (circle)

Others: Mn, U, Th, Sr, Cd, Sb, Bi, V, La, Cr, Ba, B, W, (Fe, Ca, P, Mg, Ti, Al, Na, K by %)

Field Analysis (____ tests)

Extraction Method:

Analytical Method:

Reagents Used:

Field Laboratory Analysis

No. (____ tests)

Extraction Method:

Analytical Method:

Reagents Used:

Commercial Laboratory (____ tests)

Name of Laboratory: Acme Analytical Labs

Extraction Method: Acid digestion

Analytical Method: Induced current plasma and Au by atomic absorption

Reagents Used: $HCl-HNO_3-H_2O$

General:

GEOCHEMICAL SURVEY – PROCEDURE RECORD

SANDYBEACH GRID

Numbers of claims from which samples taken: K 823873

Total Number of Samples: 58

Type of Sample: Humus
(Nature of Material)

Average Sample Weight: 4 ounces

Method of Collection: By hand, with samples put into paper envelopes

Soil Horizon Sampled: A

Horizon Development: Poor to Good

Sample Depth: 0-3 inches

Terrain: Forested flat to rolling and locally hilly with local spruce or cedar muskeg

Drainage Development: Poor to Good

Estimated Range of Overburden Thickness: 0-50 feet

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis: -80 Mesh

General: Samples are dried, pulverized, screened, split

ANALYTICAL METHODS

Values expressed in: per cent ☐ p. p. m. ☒ Au p. p. b. ☒

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, (circle)

Others: Mn, U, Th, Sr, Cd, Sb, Bi, V, La, Cr, Ba, B, W, (Fe, Ca, P, Mg, Ti, Al, Na, K by %)

Field Analysis (_____ tests)

Extraction Method: _____

Analytical Method: _____

Reagents Used: _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method: _____

Analytical Method: _____

Reagents Used: _____

Commercial Laboratory (_____ tests)

Name of Laboratory: Acme Analytical Labs

Extraction Method: Acid digestion

Analytical Method: Induced current plasma and Au by atomic absorption

Reagents Used: $HCl-HNO_3-H_2O$

General: _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

SANDYBEACH GRID

Numbers of claims from which samples taken: K 823871, K 823873, K 861444

Total Number of Samples: 10

Type of Sample: Rock Chip
(Nature of Material)

Average Sample Weight: 2 lbs

Method of Collection: Hand grab or rock chip sample into a plastic bag

Soil Horizon Sampled:

Horizon Development:

Sample Depth:

Terrain:

Drainage Development:

Estimated Range of Overburden Thickness:

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis:

General: Laboratory preparation

ANALYTICAL METHODS

Values expressed in:
- per cent ☐
- p. p. m. ☒
- Au p. p. b. ☒

Cu, Pb, Zn, Ni, Co, Ag, Mo, As (circle)

Others: Mn, U. Th, Sr, Cd, Sb, Bi, V, La, Cr, Ba, B, W, (Fe, Ca, P, Mg, Ti, Al, Na, K by %)

Field Analysis (_____ tests)

Extraction Method:

Analytical Method:

Reagents Used:

Field Laboratory Analysis

No. (_____ tests)

Extraction Method:

Analytical Method:

Reagents Used:

Commercial Laboratory (_____ tests)

Name of Laboratory: Acme Analytical Labs

Extraction Method: Acid digestion

Analytical Method: Induced current plasma with fire assay for Au

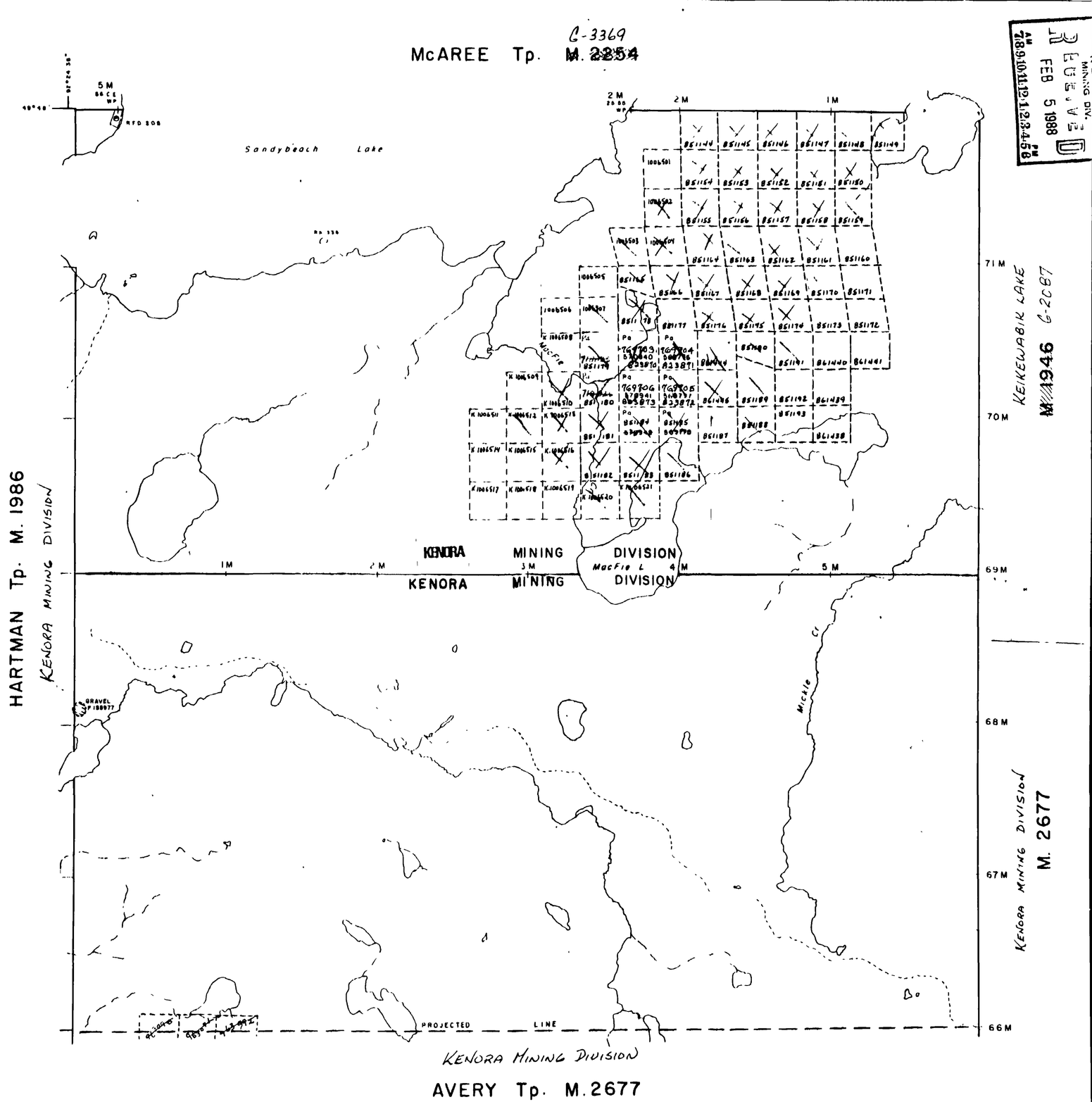
Reagents Used: $HCl-HNO_3-H_2O$

General:

NOTES

400' surface rights reservation along the shores of all lakes and rivers

Oct 28, 1983
Apr. 25, 1984
May 6/84
May 8, 1985
750 13/86



RECEIVED FEB 5 1988 MINING DIV. KENORA

LEGEND

- HIGHWAY AND ROUTE No
- OTHER ROADS
- TRAILS
- SURVEYED LINES
  - TOWNSHIPS, BASE LINES, ETC
  - LOTS, MINING CLAIMS, PARCELS, ETC
- UNSURVEYED LINES
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS ETC
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT		SYMBOL
PATENT	SURFACE & MINING RIGHTS	●
	SURFACE RIGHTS ONLY	◐
"	MINING RIGHTS ONLY	◑
LEASE,	SURFACE & MINING RIGHTS	■
"	SURFACE RIGHTS ONLY	◧
	MINING RIGHTS ONLY	◨
LICENCE OF OCCUPATION		▼
CROWN LAND SALE		CS
ORDER-IN-COUNCIL		OC
RESERVATION		⊛
CANCELLED		⊗
SAND & GRAVEL		⊙

SCALE : 1 INCH 40 CHAINS

FEET 0 500 1000 2000 4000 6000 8000
METRES 0 200 400 600 800 1 KM 2 KM

ACRES	HECTARES
40	16

TOWNSHIP

MacFIE

DISTRICT

KENORA

MINING DIVISION

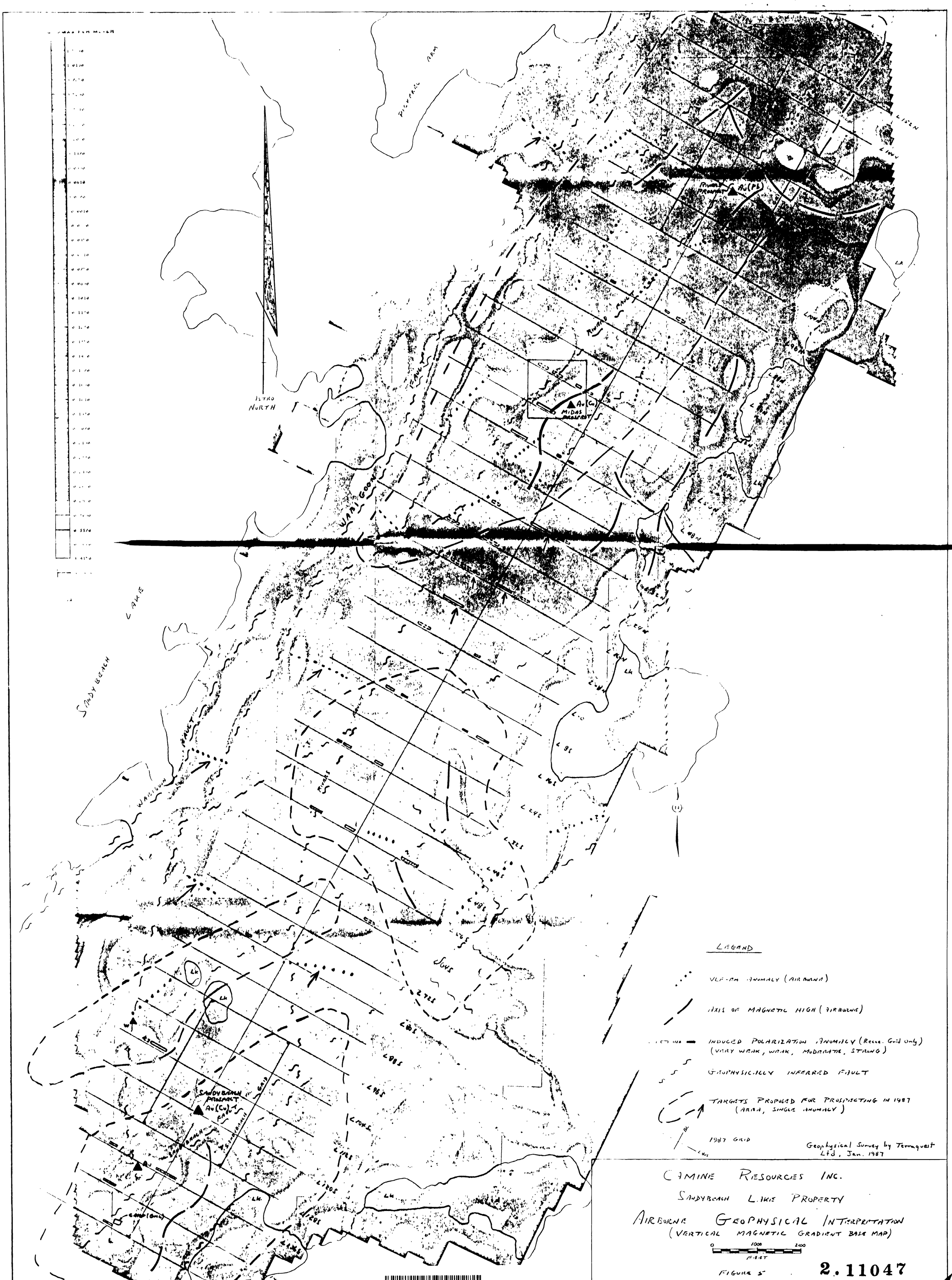
KENORA-

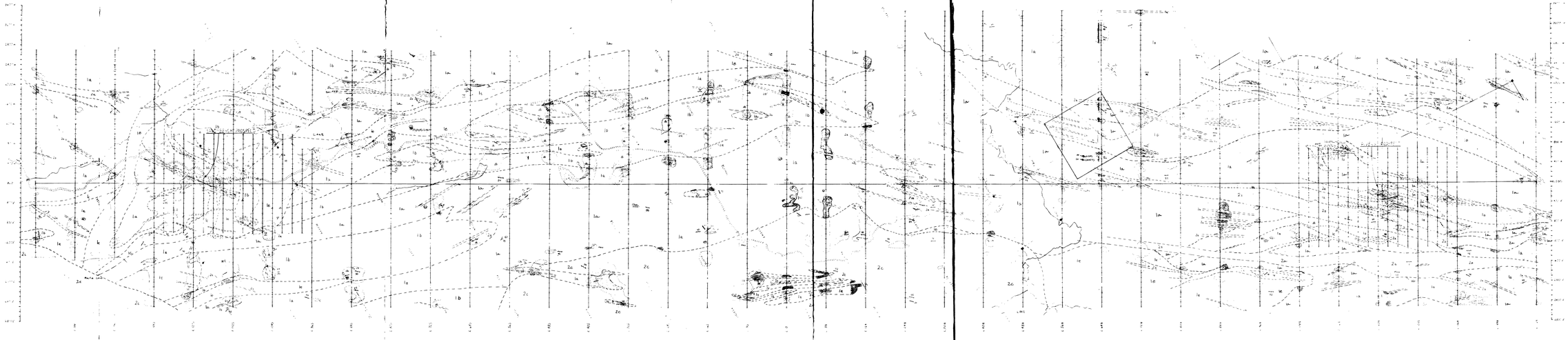
Ministry of Natural Resources
Ontario Surveys and Mapping Branch

Date 8 74
Whitney Block
Queen's Park, Toronto

Plan No
M.1945

52F16SE0383 2.11847 MACFIE 200


TRUE NORTH
PICKEREL ARM
WABIGOON
LAKE
SANDY BEACH
MIDAS PROSPECT
Au (Cu)
SANDY BEACH PROSPECT
Au (Cu)
LEGEND
VLF-EM ANOMALY (AIRBORNE)
AXIS OF MAGNETIC HIGH (AIRBORNE)
INDUCED POLARIZATION ANOMALY (Recce. Grid Only)
(VERY WEAK, WEAK, MODERATE, STRONG)
GEOPHYSICALLY INFERRED FAULT
TARGETS PROPOSED FOR PROSPECTING IN 1987
(AREA, SINGLE ANOMALY)
1987 GRID
Geophysical Survey by Terraquest Ltd, Jan. 1987
CAMINE RESOURCES INC.
SANDYBEACH LAKE PROPERTY
AIRBORNE GEOPHYSICAL INTERPRETATION
(VERTICAL MAGNETIC GRADIENT BASE MAP)
0 1000 2000
FEET
FIGURE 5
2.11047



ABBREVIATIONS

Au	GOLD	Ag	SILVER
Py	PYRITE		
Po	PYRRHOTITE		
Cp	CHALCOPYRITE		
Gl	GALENA		
CC	CARBONATE ALTERATION		
V	VESSICULAR		

SYMBOLS

- FOLIATION (INCLINED, VERTICAL)
- LINEATION (WITH PLUNGE)
- PILLOWS (TOP, BOTTOM, UNKNOWN)
- GEOLOGICAL BOUNDARY (OBSERVED, INFERRED)
- SHEAR BOUNDARY
- BEDROCK OUTCROP
- TRENCH
- GROOVE
- FRACTURE SET (WITH DIP)
- QUARTZ VEIN
- SHEAR ORIENTATION (INCLINED, VERTICAL)
- CLAIM LINES (PRELIMINARY)
- CLAIM LINES (SURVEYED)
- SUMMIT

LEGEND

INTRUSIVE ROCKS

2bb a) FELDSPAR-QUARTZ PORPHYRIES: WHITE GREY, SHEEN PINK, FINE TO COARSE GRAINED (UNKNOWN TO PRESENT) WITH PROMINENT QUARTZ PHENOCRYSTS

2b b) MAFIC-FELSIC DYKES: WHITE TO GREY, FOLIATED (PRESENT) FINE TO MEDIUM GRAINED, WHITE PHENOCRYSTS SEEN IN PLACE

2c c) GRANITE: FINE TO MEDIUM GRAINED, WHITE TO GREY TO PINK WITH MINOR MAFIC SEGREGATIONS, QUARTZ 30-40% FELDSPARS 30-50% MAFICS 10-20

MAFIC VOLCANICS

1a a) FLOWS: GREEN TO DARK GREEN MASSIVE FINE TO MEDIUM GRAINED, CONTAINS LESS THAN 1% PLAGIOCLASE PHENOCRYSTS

1b b) FLOWS: PILLOWED, VESICULAR, AND DOC AMYGDALOIDAL GREEN, DARK GREEN PILLOWS, QUARTZ FILLED VESICLES WITH THICK SELVAGES, MAS UP TO 10% INTERSTITIAL MATERIAL

1c c) MASSIVE FLOWS: MASSIVE DARK GREEN TO DARK WHITE PHENOCRYSTS IN A LIGHT TO DARK GREEN GROUNDMASS

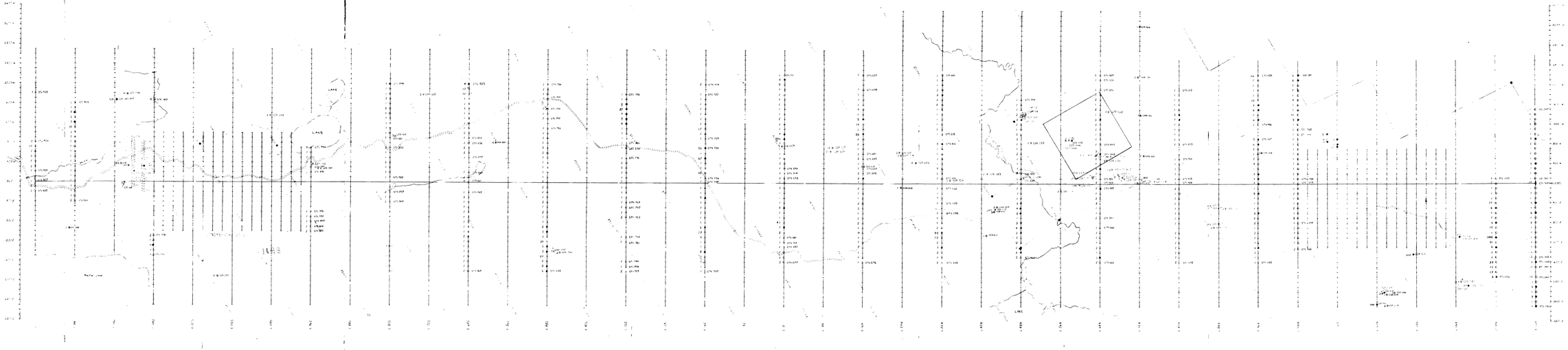
1d d) TUFFS: MEDIUM GREEN, FINE TO COARSE GRAINED, FOLIATED

1e e) BRECCIA: FINE TO COARSE MASSIVE CONTAINS GREATER THAN 1% FUNERAL TO MINERAL WHITE TO LIGHT GREEN PLAGIOCLASE PHENOCRYSTS IN A LIGHT TO DARK GREEN GROUNDMASS (SEE PHOTO TRACK 2)

2.11047

SCALE

CAMINE RESOURCES INC.	
SANDYBEACH LAKE PROPERTY	
ROLLINGHILLSINCE 0410 - GEOLOGY	
GMI MINERALS CONSULTING LTD	
DRAWN BY: RC	SCALE: 1" = 100'
DATE: DECEMBER 1987	FIGURE - 6



LEGEND

SOIL ANOMALY VALUES

POSITIVE	0.3 PPB
ANOMALOUS	0.8 PPB
HIGHLY ANOMALOUS	0.8 PPB

ROCK ANOMALY VALUES

ANOMALOUS 0.30 PPB (2.0NS)

SOIL
AU 0.075 PPB
DATA GEOCHEM VALUE IN PPB
SAMPLE NUMBER
SAMPLE LOCATION

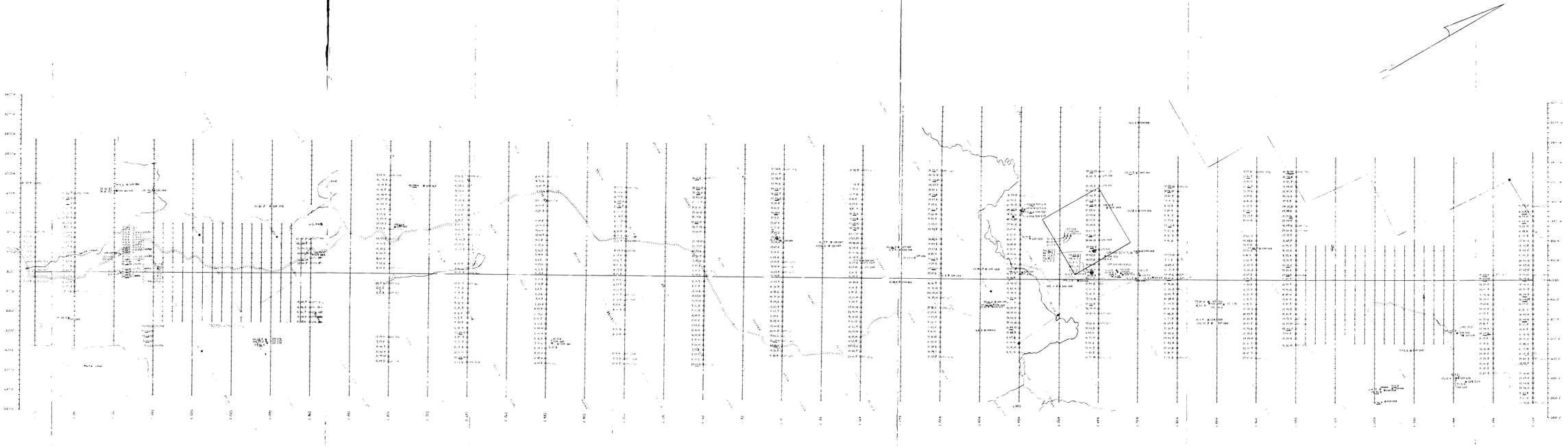
ROCK
AU 0.128 PPB
DATA GEOCHEM VALUE IN PPB
SAMPLE NUMBER
ON 0.128 PPB
AU ASSAY VALUE IN G/TON
AU ASSAY
SLIDE
GEOCHEM
CLAIMLINES- FLOW NOTATED
CLAIM LINES APPROXIMATE POST LOCATION

2.11047

SCALE

0 500 1000 FEET

CAMINE RESOURCES INC	
SANDYBEACH LAKE PROPERTY	
REGONNAISSANCE GRID – GOLD	
SOIL AND ROCK GEOCHEM	
CML MINERALS CONSULTING LTD	
DRAWN BY: BC	SCALE: 1"=500'
DATE: DECEMBER 1987	FIGURE: 7



LEGEND

SOIL ANOMALY VALUES (in ppm)

	Cu	Zn	Pb
POSITIVE	0.4-29	0.240	0.8-15
ANOMALOUS	0.8-61	0.5-76	0.3-22
HIGHLY ANOMALOUS	0.9-82	0.5-96	0.3-34

ROCK ANOMALY VALUES (in ppm)

	Cu	Zn	Pb
ANOMALOUS	89-120	0.1-2	0.1-15

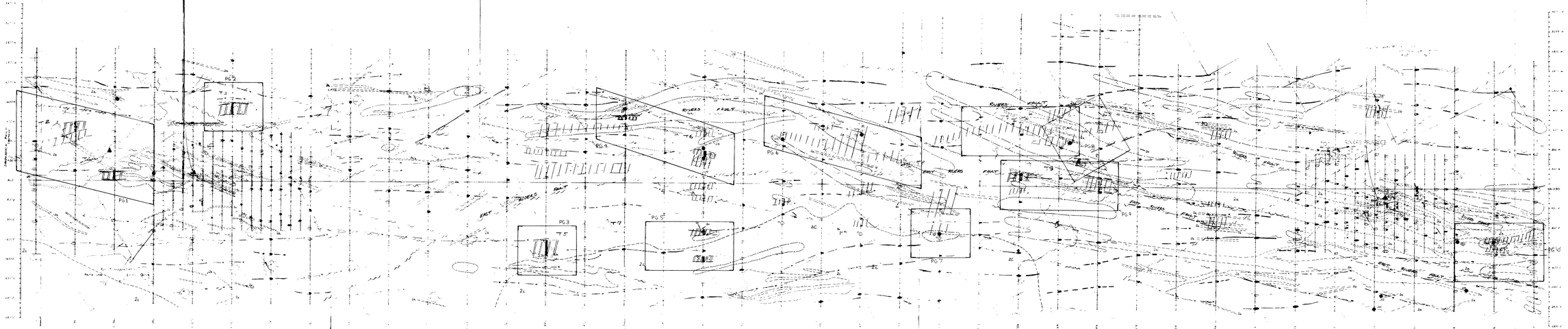
SOIL 75-240 (0.75-1.20)
COPPER CONTOUR (in ppm) — SAMPLE NUMBER
ZINC CONTOUR (in ppm) — SAMPLE LOCATION
LEAD CONTOUR (in ppm)

ROCK 42-0.6 (0.42-0.6)
PB-ZN-CU — SAMPLE NUMBER
SAMPLE LOCATION
DRILLING
CLAIM NUMBER PLOT LOCATED
CLAIM LINES - APPROXIMATE POST LOCATION
SWAMP

2.11047

SCALE
100 0 100 200 FEET

CAMINE RESOURCES INC.	
SANDYBEACH LAKE PROPERTY	
RECONNAISSANCE GRID - BASE METALS	
SOIL AND ROCK GEOCHEM	
CML MINERALS CONSULTING LTD.	
DRAWN BY BC	SCALE 1"=100'
DATE DECEMBER 1987	FIGURE 8


PG1
PG2
PG3
PG4
PG5
PG6
PG7
PG8
PG9
PG10
RIVERS FAULT
EAST RIVERS FAULT
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RIVERS PROJECT
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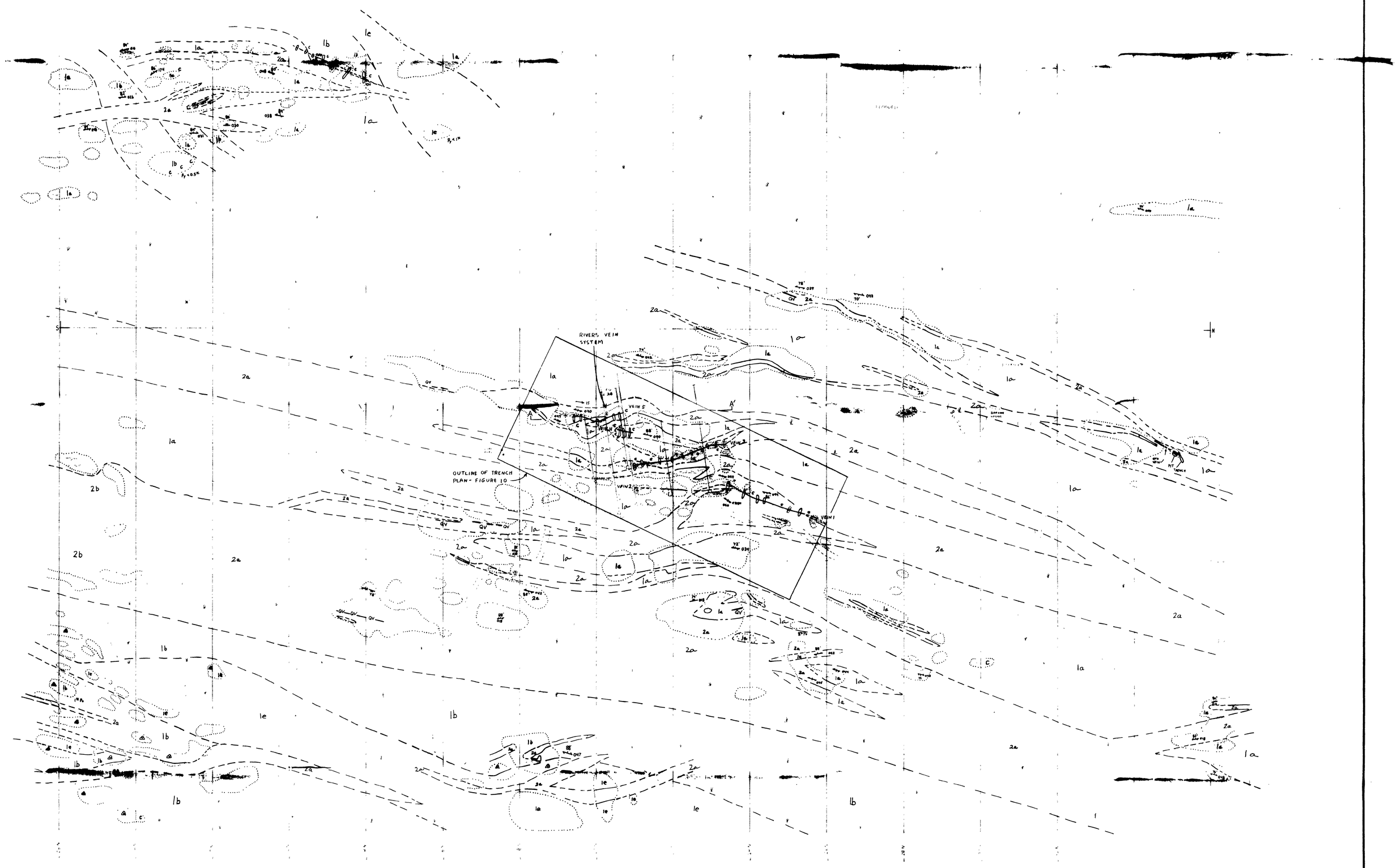


ABBREVIATIONS

Au	GOLD	Ag	SILVER
Py	PYRITE		
Po	PYRRHOTITE		
C	CARBONATE ALTERATION		
V	VESSICULAR		

SYMBOLS

- FOLIATION INCLINED, VERTICAL
- LINEATION WITH PLUNGE
- PILLOWS TOPS: KNOWN, UNKNOWN
- GEOLOGICAL BOUNDARY OBSERVED, INTERPRETED
- SHEAR BOUNDARY
- BEDROCK OUTCROP
- TRENCH
- GRIDLINE
- FRACTURE SET WITH DIP
- QUARTZ VEIN
- DRILLHOLE (TACK)
- SECTION FIG. 14
- GRIDLINE
- CLAIM LINES - FIRST LOCATED
- CLAIM LINES - APPROXIMATE POST LOCATION
- SWAMP
- SWAMP BOUNDARY

LEGEND

INTRUSIVE ROCKS

2a a) FELDSPAR - QUARTZ PORPHYRY DYKES: WHITE, GREY, RARELY PINK, FINE TO EVEN GRAINED; EQUIGRANULAR TO PORPHYRITIC, WITH PROMINENT QUARTZ PHENOCRYSTS

2b b) FELDSPAR - PHYRIC DYKES: WHITE TO GREY; EQUIGRANULAR TO PORPHYRIC, FINE TO MEDIUM GRAINED; QUARTZ PHENOCRYSTS RARE OR ABSENT

MAFIC VOLCANICS

1a a) FLOWS: GREEN TO DARK GREEN, MASSIVE, FINE TO MEDIUM GRAINED LESS THAN 1% PLAGIOCLASE PHENOCRYSTS

1b b) FLOWS: PILLOWED VESSICULAR AND OCC AMYGDALOIDAL, GREEN, WELL FORMED PILLOWS, CLOSE PACKED TO AMOEBOID, WITH THICK SELVAGE, AND UP TO 10% INTERSELVAGE MATERIAL

1c c) PLAGIOCLASE - PHYRIC FLOWS, MASSIVE; CONTAINS GREATER THAN 1% EUHEDRAL TO ANHEDRAL, WHITE TO LIGHT GREEN PLAGIOCLASE PHENOCRYSTS IN A LIGHT TO DARK GREEN GROUNDMASS ("LEOPARD ROCK")

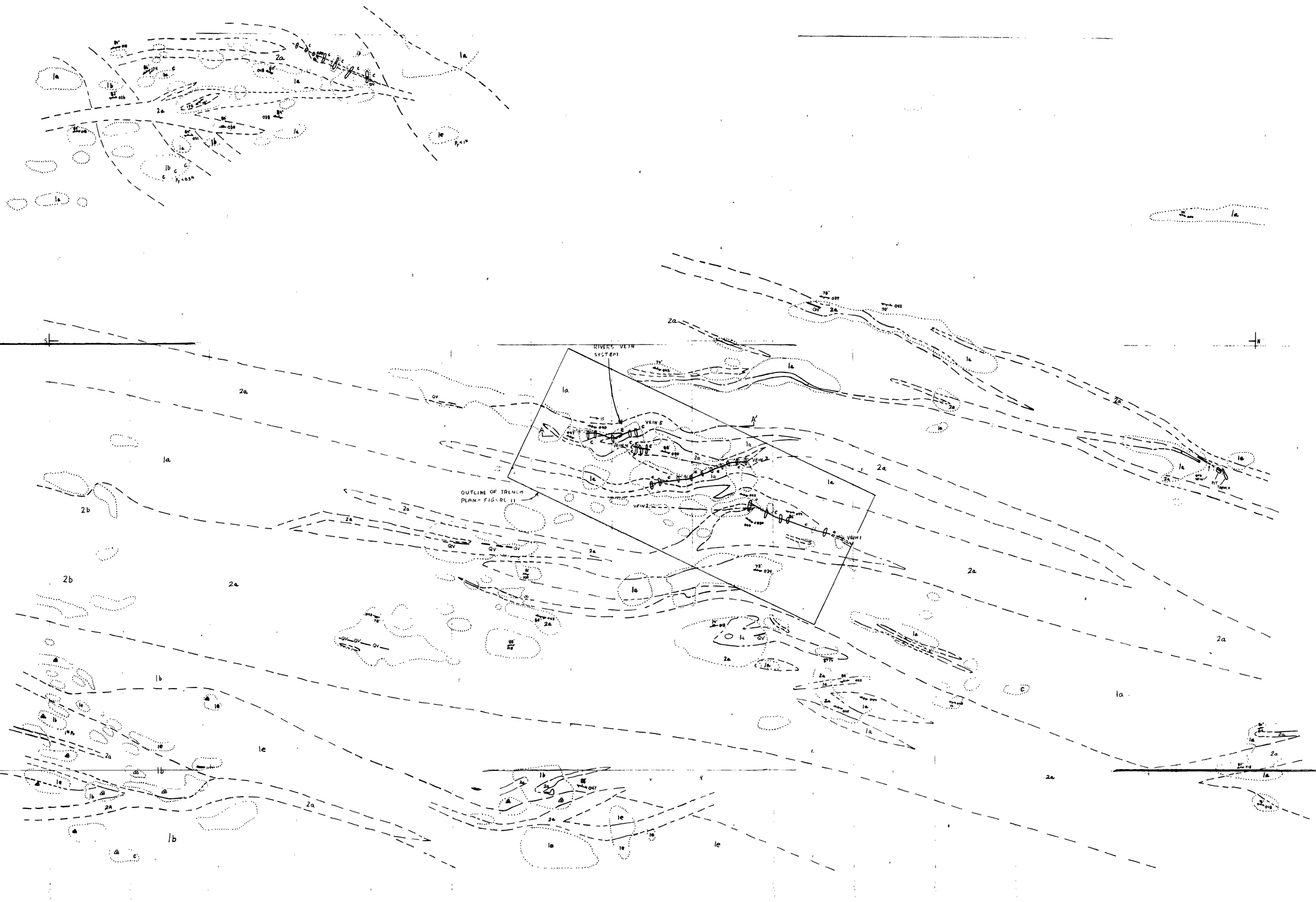
2.11047

SCALE

100 0 100 200 FEET

CAMINE RESOURCES INC	
SANDYBEACH LAKE PROPERTY	
RIVERS GRID - GEOLOGY	
GML MINERALS CONSULTING LTD.	
DRAWN BY: B C	SCALE: 1" : 100'
DATE: DECEMBER 1987	FIGURE: 10

52F16SE0383 2.11047 MAFIE



ABBREVIATIONS

Au	GOLD	Ag	SILVER
Py	PYRITE		
Po	PYRRHOTITE		
C	CARBONATE ALTERATION		
V	VESSICULAR		

SYMBOLS

- 75° — FOLIATION INCLINED, VERTICAL
- 70° — LINEATION WITH PLUNGE
- PILLOWS TOPS KNOWN, UNKNOWN
- GEOLOGICAL BOUNDARY OBSERVED, INTERPRETED
- SHEAR BOUNDARY
- BEDROCK OUTCROP
- TRENCH
- GRIDLINE
- 1120000 — GRIDLINE
- 80° — FRACTURE SET WITH DIP
- QV — QUARTZ VEIN
- DDH 1 — DRILL HOLE (TRACK)
- A — A' — SECTION FIG. 12
- CLAIMLINES - POST LOCATED
- CLAIM LINES - APPROXIMATE POST LOCATION
- SWAMP
- SWAMP BOUNDARY

LEGEND

INTRUSIVE ROCKS

2a a) FELDSPAR - QUARTZ PORPHYRY DYKES; WHITE, GREY, [illegible] FINE TO [illegible] PORPHYRITIC, WITH TYPICALLY QUARTZ PHENOCRYSTS

2b b) FELDSPAR - PHYRIC DYKES; WHITE TO GREY; EQUIGRANULAR TO PORPHYRIC, FINE TO MEDIUM GRAINED; QUARTZ PHENOCRYSTS; RARE OR ABSENT

MAFIC VOLCANICS

1a a) FLOWS; GREEN TO DARK GREEN, MASSIVE, FINE TO MEDIUM GRAINED [illegible] CLOSE TO PHENOCRYSTS

1b b) FLOWS; BANDED [illegible] GREY [illegible] CLOSE PACKED TO [illegible] WITH THIN SEDIMENTARY [illegible] INTERSECTIONS

1c c) PYROCLASTICS; PYRIC, FLOW [illegible] GREY [illegible] LIGHT GREEN [illegible] LIGHT TO DARK GREY [illegible]

SCALE

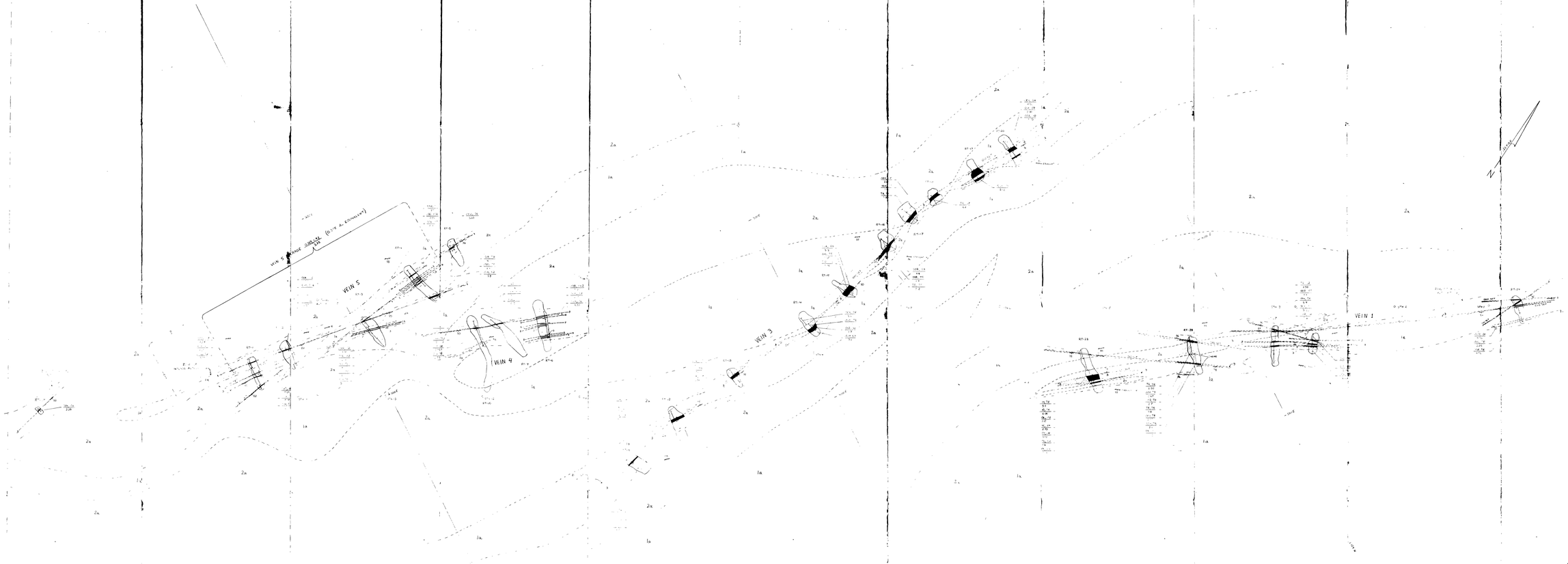
100 0 100 200 FEET

2.11047

CAMINE RESOURCES INC	
SANDYBEACH LAKE PROPERTY	
RIVERS GRID - GEOLOGY	
GML MINERALS CONSULTING LTD.	
DRAWN BY B.C.	SCALE : 1" : 100'
DATE JANUARY 1988	FIGURE : 10

KENORA
APR 18 1990
7.8.9.10.11.12.1.2.3.4.5

52F15SE0383 2.11047 MACFIE



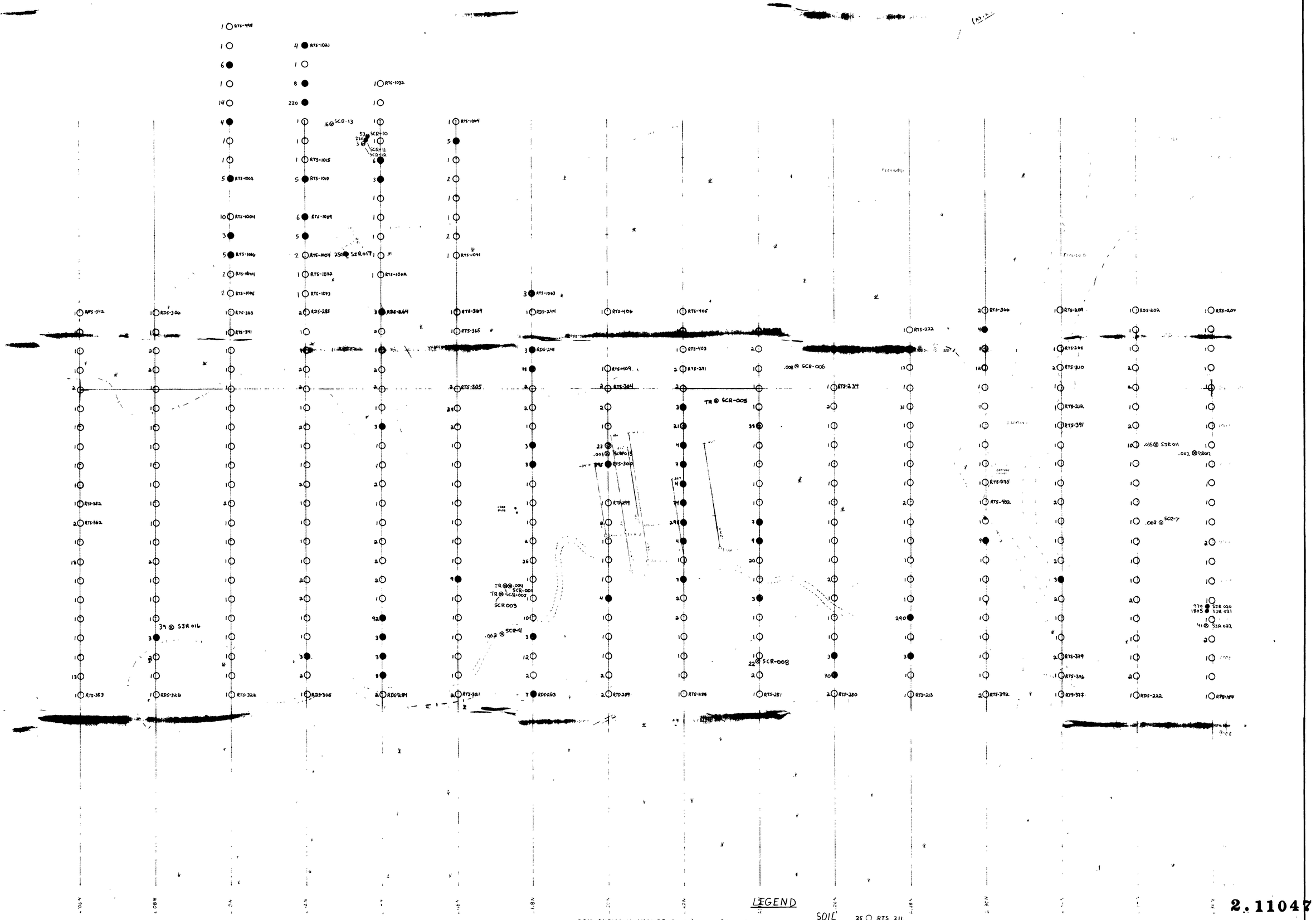
SYMBOLS

LEGEND

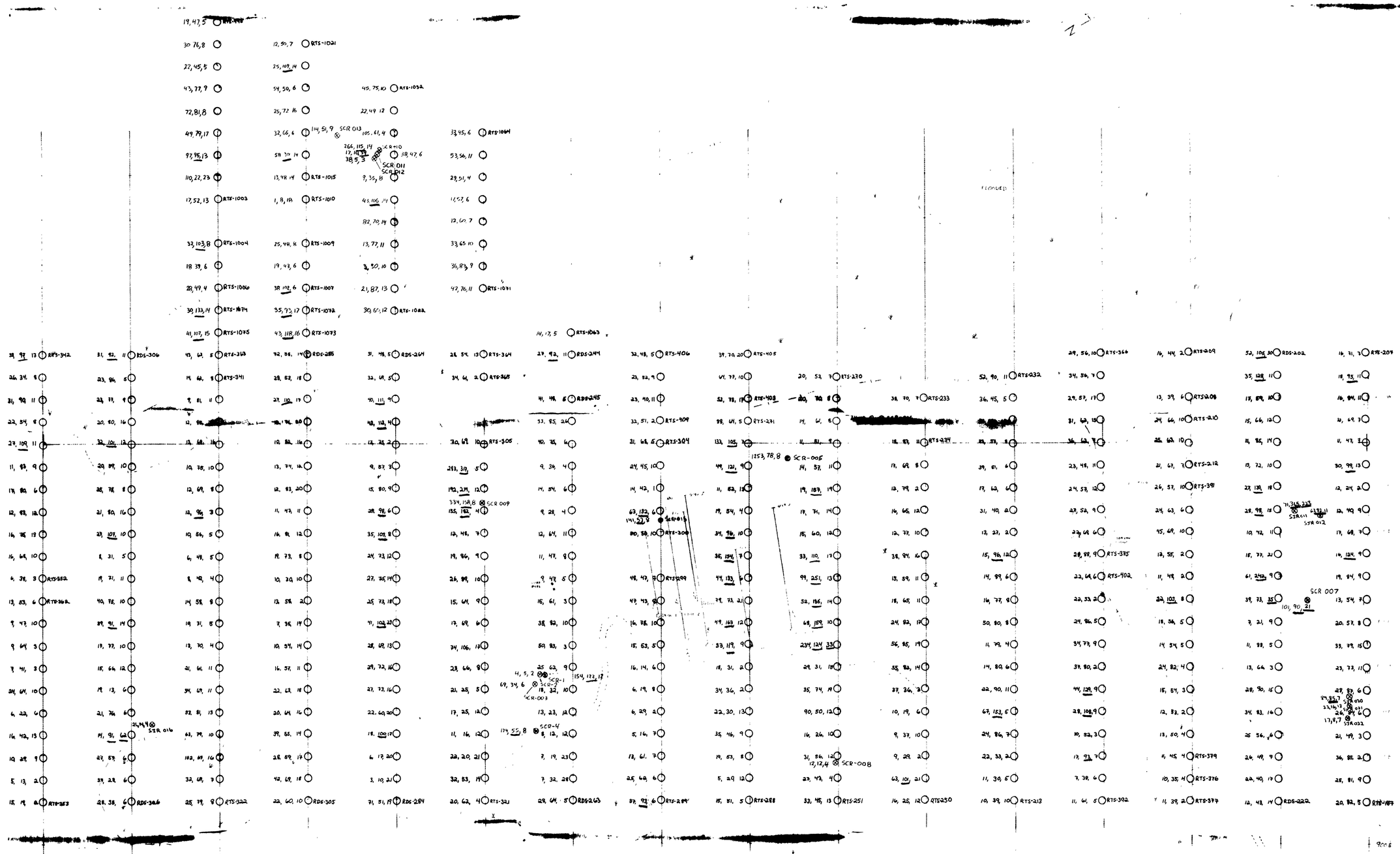
2.11047

SCALE IN FEET

CAMINE RESOURCES INC	
SANDBELOW LAKE PROJECT	
RIVERS PROSPECT TRENCH PLAN	
GAIL MINERALS CONSULTANTS, LTD	
DRAWN BY:	SCALE: 1" = 10'
DATE:	FIGURE: 11



CAMINE RESOURCES INC.	
SANDYBEACH LAKE PROPERTY	
RIVERS GRID - GOLD SOIL AND ROCK GEOCHEM	
GML MINERALS CONSULTING LTD	
DRAWN BY BC	SCALE 1" = 100'
DATE : DECEMBER 1987	FIGURE : 13



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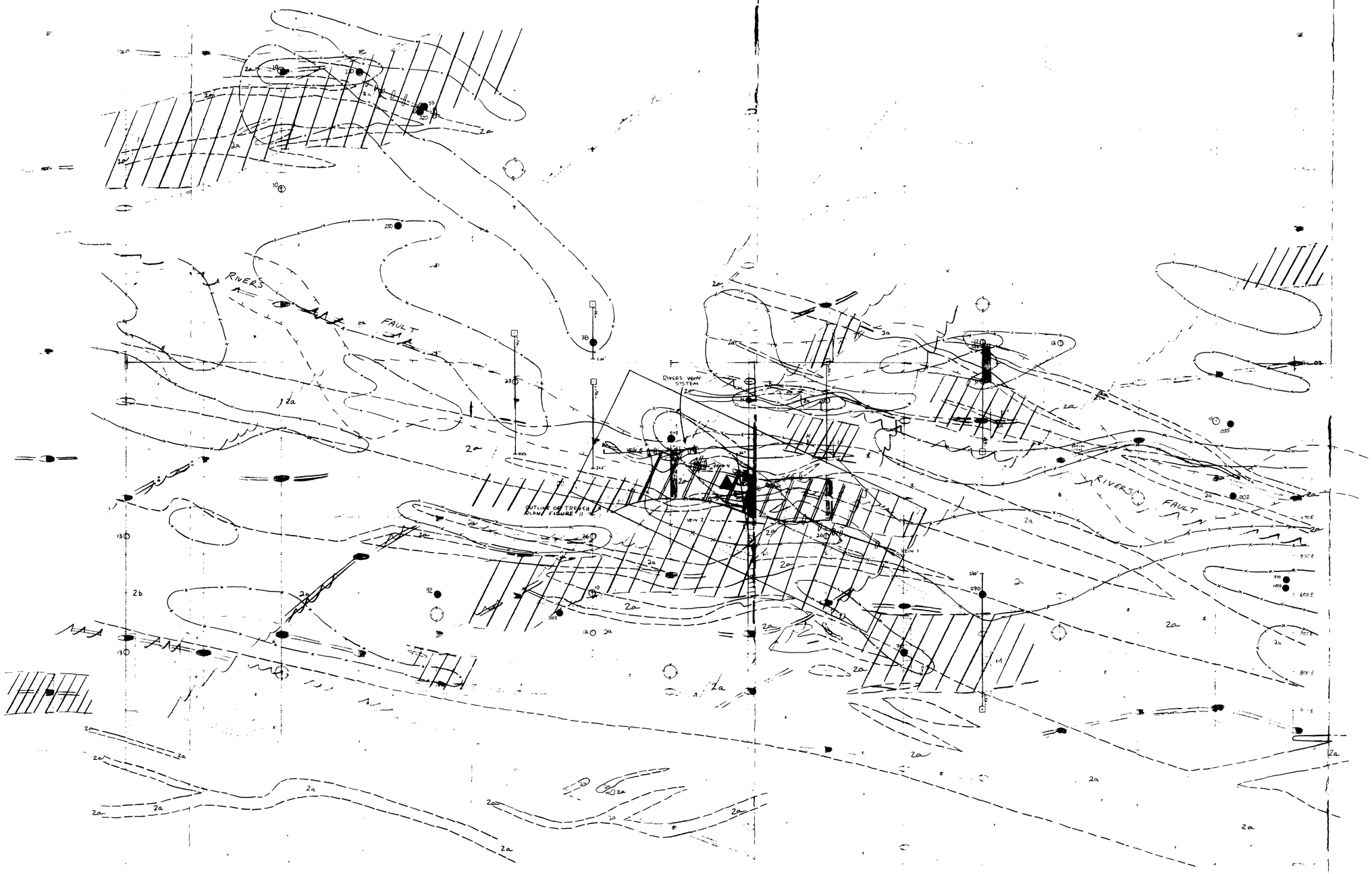
2.11047

CAMINE RESOURCES INC	
SANDYBEACH LAKE PROPERTY	
RIVERS GRID – BASE METALS SOIL AND ROCK GEOCHEM	
GML MINERALS CONSULTING LTD	
DRAWN BY: BC	SCALE 1":100'
DATE: DECEMBER 1987	FIGURE: 14

300



LEGEND

2a,b Quartz-Feldspar Porphyry Dykes

I.P.
- Strong pfe anomaly (> 5%)
- Moderate pfe anomaly (5%) pfe (2.5%)
- Weak pfe anomaly (pfe < 2.5%)
- Strongly anomalous I.P. Zone
- Moderate to Weak I P Zone
- Low Resistivity Zone

GEOPHYSICAL INTERPRETATION MODIFIED AFTER D J MISENER PATERSON, GRANT, AND WATSON LTD TORONTO, ONTARIO

VLF
- Strong F.F. anomaly (>50%)
- Moderate F.F. anomaly (>30%)
- Weak F.F. anomaly (0 to 30%)
- Strong VLF conductor axis
- Moderate VLF conductor axis
- Weak VLF conductor axis

Interpreted fault / shear zone

Known Mineralized Zone

TECK EXPLOR. CORP LTD 1980 DRILL HOLE
PRIORITY - 1 DRILL HOLES (See Figure 12)
PRIORITY - 2 DRILL HOLES

A A' SECTION - FIG 12

ANOMALOUS SOIL SAMPLE ZONES/SITES
- ANOMALOUS GOLD ZONE Au ≥ 10 PPB
- ANOMALOUS BASE METAL ZONE Cu > 40 PPB AND/OR ZINC > 75 PPB
- 50 SOIL ANOMALY Au ≥ 10 PPB WITH VALUE NOTED
- 595 SOIL ANOMALY Au ≥ 50 PPB WITH VALUE NOTED

ANOMALOUS ROCK CHIP SAMPLE SITE
- 1305 ANOMALOUS GOLD SAMPLE SITE Au ≥ 50 PPB WITH VALUE NOTED

DISSEMINATED SULPHIDE ZONE CONTAINING: Py - PYRITE, OR, Po - PYRRHOTITE

SHEAR ZONE

QV QUARTZ VEIN

Note: For geological legend see figure 6

GRIDLINE

CLAIM LINES - ICM LICENCED

CLAIM LINES - NOT CONFIRMED BY SURVEY

SWAMP

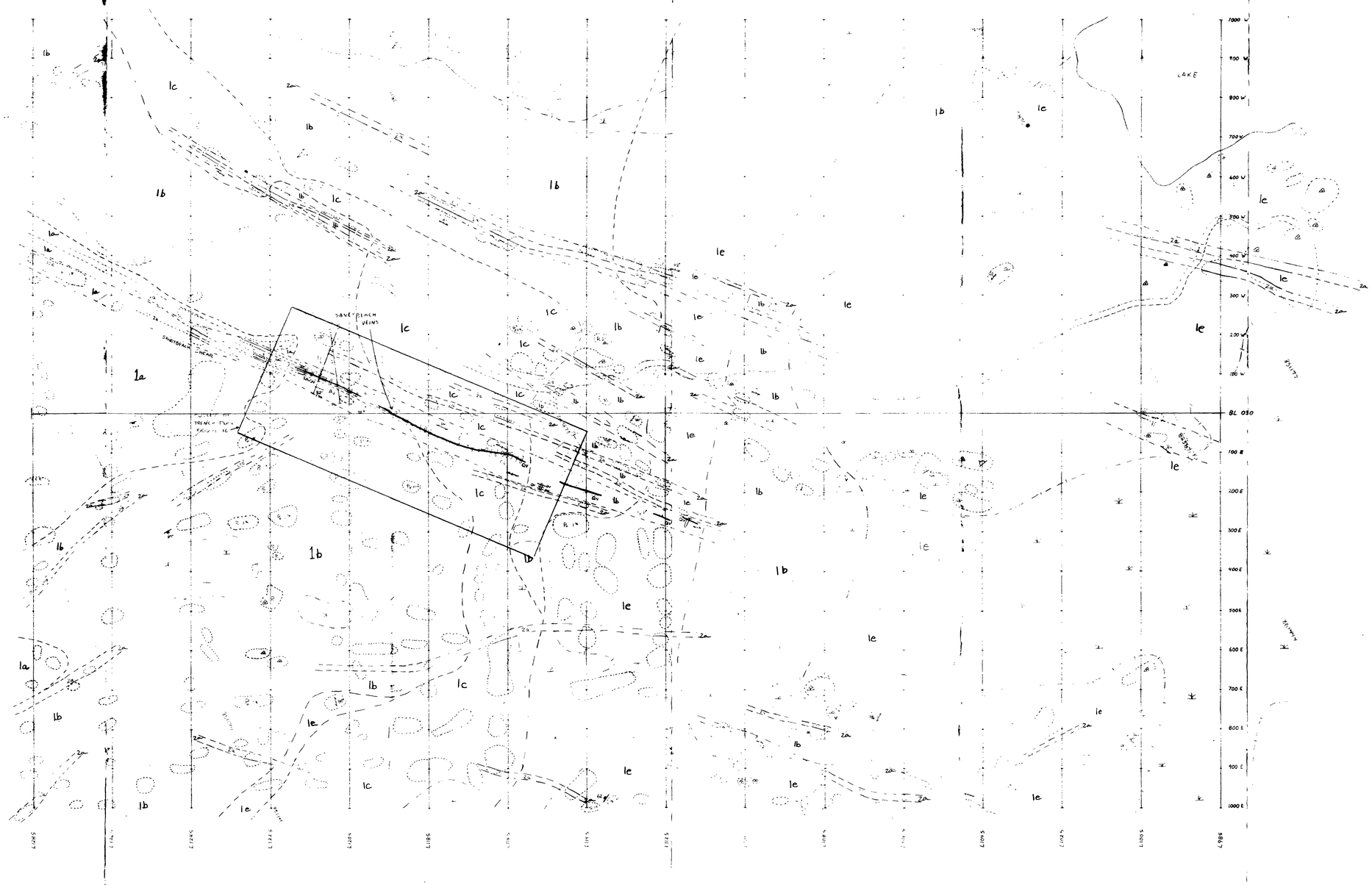
SWAMP BOUNDARY

2.11047

SCALE
100 0 100 200 FEET

CAMINE RESOURCES INC.	
SANDYBEACH LAKE PROPERTY	
RIVERS PROSPECT SUMMARY MAP	
GML MINERALS CONSULTING LTD	
DRAWN BY: B.C.	SCALE: 1" : 100'
DATE: JANUARY 1988	FIGURE: 15

310



ABBREVIATIONS

Au	GOLD
PY	PYRITE
PL	PYRRHOTITE
CC	CARBONATE MATERIAL
V	VOLCANIC

SYMBOLS

FOLIATION
INCLINED
LINEAR
PILLOWS
TOPS KNOWN UNKNOWN
GEOLOGICAL BOUNDARY
OBSERVED, INFERRED
SHEAR BOUNDARY
BEDROCK OUTCROP
TRENCH
GROOVE
FRACTURE SET
WITH DIP
FAULT
CLAIM LINE - PROPERTY
CLAIM LINES - KNOWN, INFERRED
WRANG
WRANG BOUNDARY

LEGEND

INTRUSIVE ROCKS

2a a) FELDSPAR-QUARTZ PORPHYRY DYKES - WHITE, GREY, RARELY PINK, FINE TO FINELY GRAINED; EQUIGRANULAR TO PORPHYRITIC, WITH VARIABLE QUARTZ PHENOCRYSTS

2b b) FELDSPAR-PHYRIC DYKES - WHITE TO GREY, EQUIGRANULAR TO PORPHYRITIC; FINE TO MEDIUM GRAINED, QUARTZ PHENOCRYSTS RARE OR ABSENT

MAFIC VOLCANICS

1a a) FLOWS: GREEN TO DARK GREEN, MASSIVE, FINE TO MEDIUM GRAINED, CONTAINS LESS THAN 1% PLAGIOCLASE PHENOCRYSTS

1b b) FLOWS, PILLOWED, VARIABLE AMOUNTS OF ALTERED, FELSIC, WELL FORMED PILLOWS, CLOSELY TO LOOSELY AMASSED WITH THICK SELVAGES, AND UP TO 10% INTERSTITIAL FELSIC MATERIAL

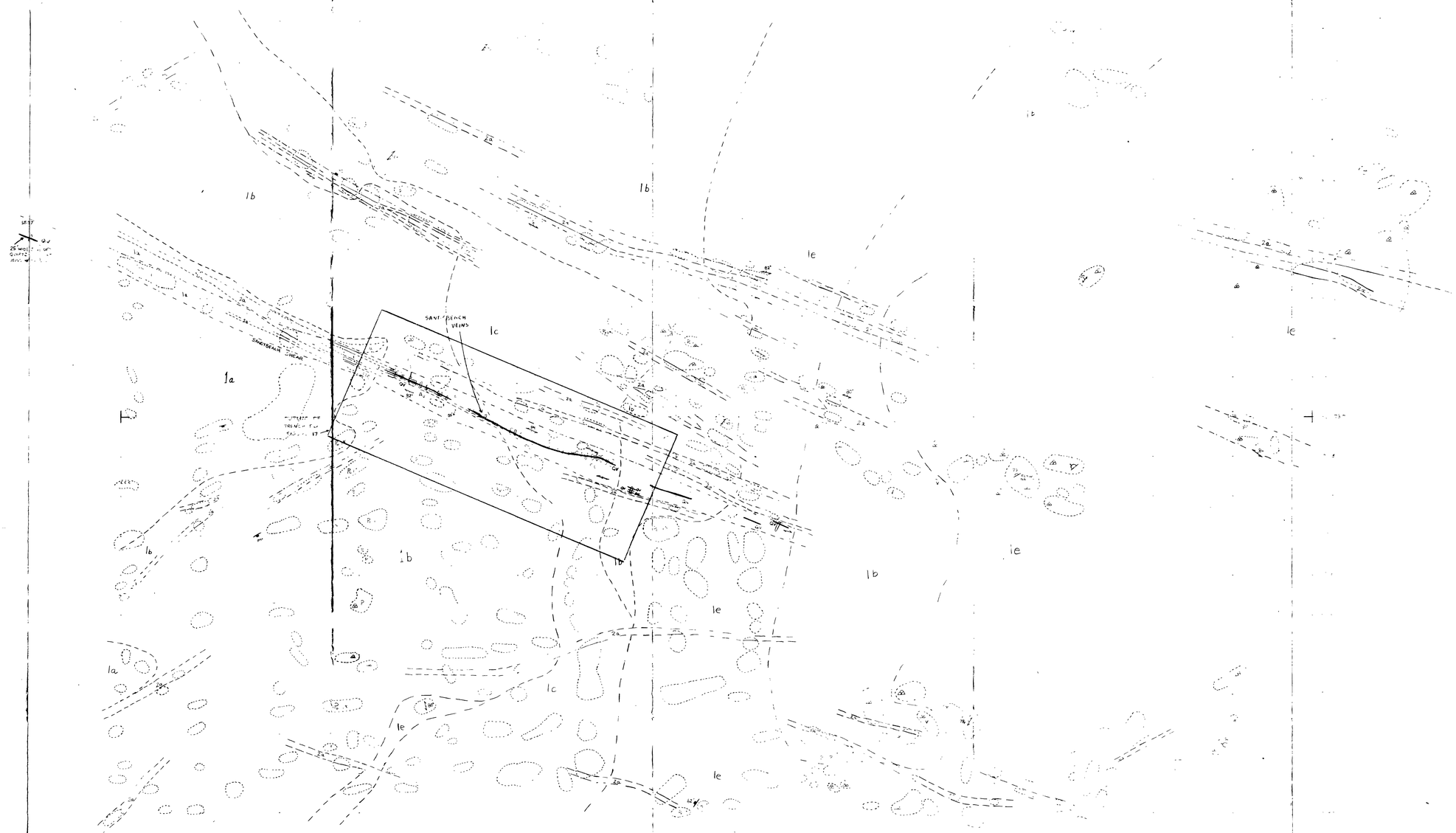
1c c) AUGITE-PHYRIC FLOWS - MASSIVE; DARK GREY TO BLACK AUGITE PHENOCRYSTS IN A LIGHT TO DARK GREY GROUNDMASS

1e e) PLAGIOCLASE-PHYRIC FLOWS - MASSIVE; CONTAINS GREATER THAN 1% EUHEDRAL TO ANHEDRAL WHITE TO LIGHT GREY PLAGIOCLASE PHENOCRYSTS IN A LIGHT TO DARK GREEN GROUNDMASS. (TUFFACEOUS ROCK)

2.11047

SCALE
100 0 100 200 FEET

CAMINE RESOURCES INC	
SANDY BEACH LAKE PROPERTY	
SANDY BEACH GRID - GEOLOGY	
GML MINERALS CONSULTING LTD	
DRAWN BY: B.C.	SCALE: 1" = 100'
DATE: DECEMBER 1987	FIGURE: 16



ABBREVIATIONS

Au	GOLD
Py	PYRITE
Po	PYRRHOTITE
CC	CARBONATE ALTERATION
V	VESICULAR

SYMBOLS

- FOLIATION INCLINED, VERTICAL
- LINEATION WITH PLUNGE
- PILLOWS TOPS KNOWN UNKNOWN
- GEOLOGICAL BOUNDARY OBSERVED, INFERRED
- SHEAR BOUNDARY
- BEDROCK OUTCROP
- TRENCH
- GRIDLINE
- FRACTURE SET WITH DIP
- DRILL HOLE
- CONTACT VEIN
- CLAIM LINES - POST LOCATED
- CLAIM LINES - APPROXIMATE POST LOCATION
- SWAMP
- SWAMP BOUNDARY

LEGEND

INTRUSIVE ROCKS

2a a) FELDSPAR-QUARTZ PORPHYRY DYKES WHITE, GREY, PINK, FINE TO COARSE GRAINED; EQUIGRANULAR TO PORPHYRITIC, WITH DOMINANT QUARTZ PHENOCRYSTS

2b b) FELDSPAR-PHYRIC DYKES: WHITE TO GREY, EQUIGRANULAR TO PORPHYRITIC; FINE TO MEDIUM GRAINED, QUARTZ PHENOCRYSTS RARE OR ABSENT

MAFIC VOLCANICS

1a a) FLOWS: GREEN TO DARK GREEN, MASSIVE, FINE TO MEDIUM GRAINED, CONTAINS LESS THAN 1% PLAGIOCLASE PHENOCRYSTS

1b b) FLOWS PILLOWED, VESICULAR, AND OCCASIONALLY AMYGDALOIDAL; GREY, WELL FORMED PILLOWS CLOSE PACKED TO BRECCIATED WITH THICK SELVAGES, AND UP TO 10% INTERSTITIAL MATERIAL

1c c) AUGITE-PHYRIC FLOWS: MASSIVE; DARK GREEN TO BLACK AUGITE PHENOCRYSTS IN A LIGHT TO DARK GREEN GROUNDMASS

1e e) PLAGIOCLASE-PHYRIC FLOWS. MASSIVE, CONTAINING GREATER THAN 1% EUHEDRAL TO ANHEDRAL, WHITE LIGHT GREY PLAGIOCLASE PHENOCRYSTS IN A LIGHT TO DARK GREEN GROUNDMASS. (TO THE EAST)

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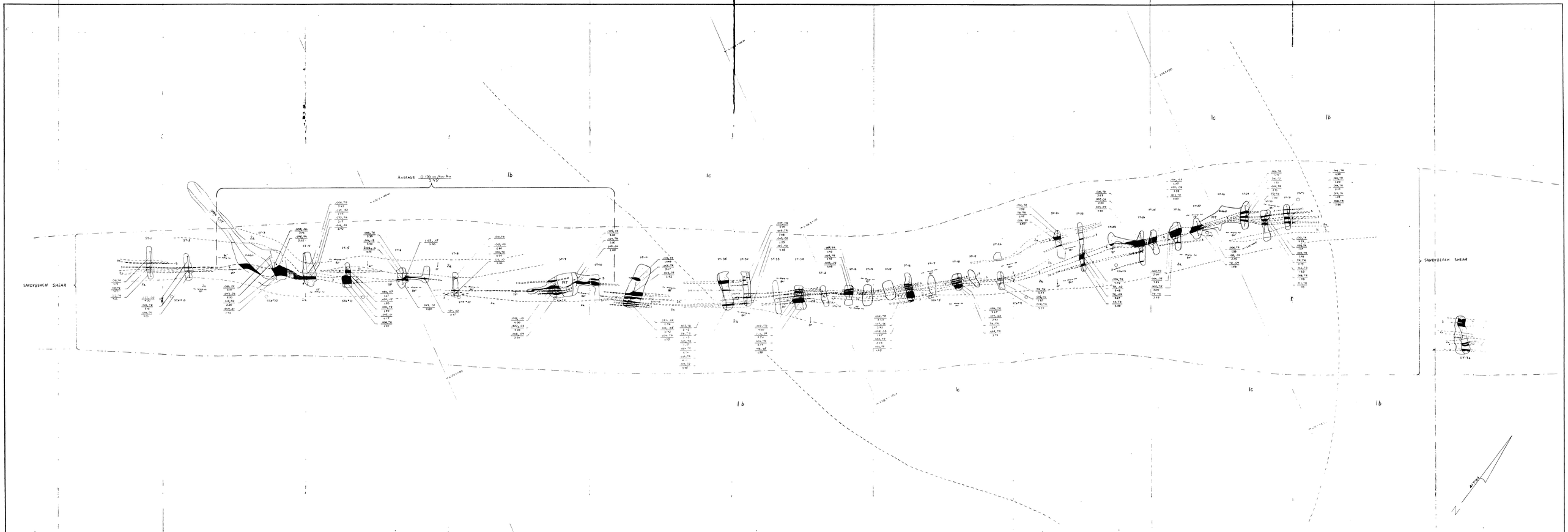
SCALE

100 0 100 200 FEET

CAMINE RESOURCES INC	
SANDYBEACH LAKE PROPERTY	
SANDYBEACH GRID - GEOLOGY	
GML MINERALS CONSULTING LTD	
DRAWN BY: B.C.	SCALE: 1" = 100'
DATE: JANUARY 1988	FIGURE: 16

KENORA MINING DIV.
RECEIVED
APR 18 1988
AM PM
7 8 9 10 11 12 1 2 3 4 5 6

SOFTIMBER 2.11047 MAFIE



SYMBOLS

- Pyrite
- Chalcopyrite
- Native Gold
- Tourmaline
- Trench number
- Grouse
- Vein attitude
- Chip & channel assay
- Grab assay
- Chipped sample location
- Survey station

LEGEND

INTRUSIVE ROCKS

2 a) FELDSPAR-QUARTZ PORPHYRY DYKES - WHITE, GREY, GREEN, PINK; FINE TO COARSE GRAINED EQUIGRANULAR; 1% HEMATITE WITH TRIVIALLY QUARTZ PHENOCRYSTS.

MAFIC METAVOLCANICS

1 a) FLOWS - GREEN TO DARK GREEN, MASSIVE, FINE TO MEDIUM GRAINED, CONTAINS LESS THAN 1% PLAGIOCLASE PHENOCRYSTS.

b) FLOWS - PILLOWED, VESICULAR AND ODD AMYGDALOIDAL - GREEN, WELL PILLOWED PILLOWS, CLOSE PACKED TO BRECCIATED WITH THICK SELVAGES, AND WEAK TO NON INTERSELVAGE MATERIAL.

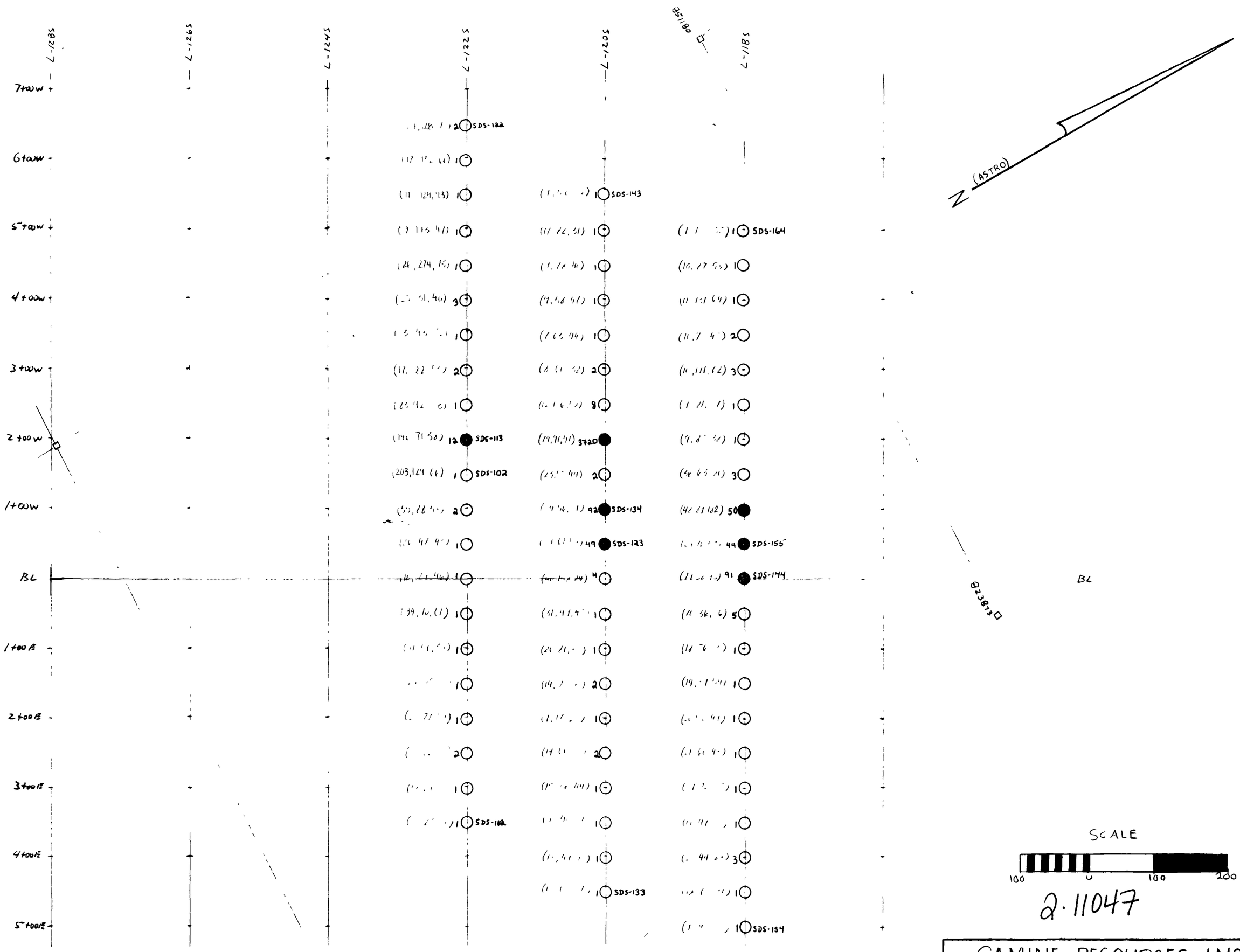
c) AUTO-BRECCIA FLOWS - MASSIVE, DARK GREEN TO BLACK AND 1% PHENOCRYSTS; MEDIUM TO DARK GREEN SCHISTOSE.

VEINS

QUARTZ AND ISOCHEMOSPARITE - WHITE TO LIGHT BROWN WITH 0.1% TO 1% DISSEMINATED CHLORITE SERICITE PARTICLES.

2.11047

CAMINE RESOURCES INC	
SANDYBEACH LAKE PROPERTY	
SANDYBEACH PROSPECT TRENCH PLAN	
CMC MINERALS CONSULTING LTD	
DRAWN BY: BC	SCALE: 1" = 10'
DATE: DECEMBER 1987	FIGURE: 17



LEGEND

(9,33,7) 25 GTS 411

COPPER CONTENT (in PPB)
ZINC CONTENT (in PPB)
LEAD CONTENT (in PPB)
SAMPLE LOCATION
SAMPLE NUMBER

● ≥10 PPB Gold

GRIDLINE
CLAIM LINES - POST LOCATED
CLAIM LINES: APPROXIMATE POST LOCATION
SWAMP
SWAMP BOUNDARY

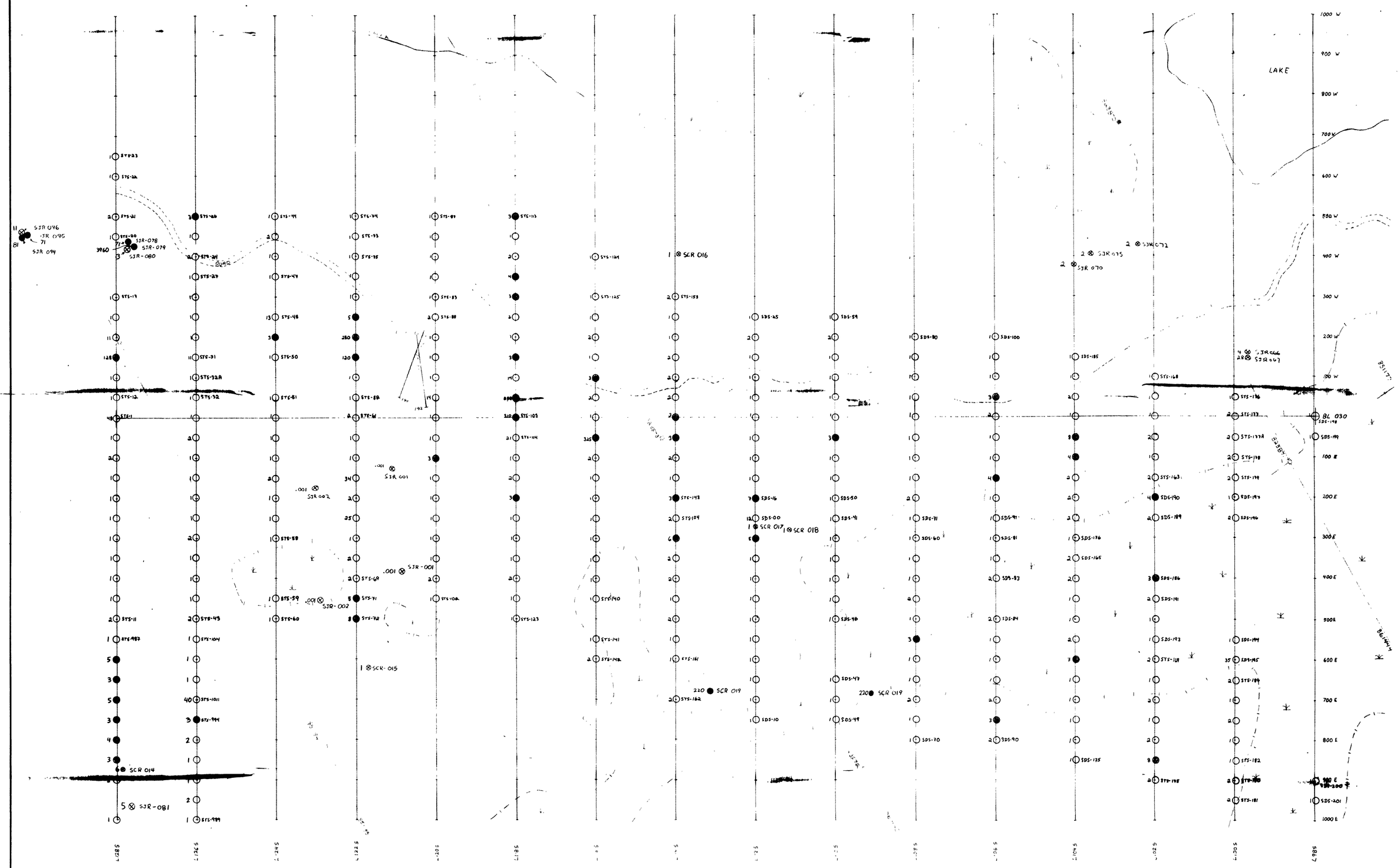
SCALE
100 0 100 200 FEET

2.11047

CAMINE RESOURCES INC	
SANDYBEACH LAKE PROPERTY	
SANDYBEACH PROSPECT GOLD HUMUS GEOCHEMISTRY	
GML MINERALS CONSULTING LTD	
DRAWN BY: BC	SCALE 1":100'
DATE: DECEMBER 1987	FIGURE: 18

52F16SE0383 2.11047 MACFIE

350



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LEGEND

SOIL ANOMALY VALUES (IN PPB)

	Au
POSITIVE	● ≥ 3
ANOMALOUS	● ≥ 10
HIGHLY ANOMALOUS	● ≥ 50

ROCK ANOMALY VALUE (IN PPB)

	Au
ANOMALOUS	● ≥ 50 (≥ .002 oz/ton)

SOIL 14 ○ SDS-012

GOLD CONTENT IN PPB — SOIL SAMPLE NUMBER — SAMPLE LOCATION

ROCK 14 ⊗ SDR 012

SWAMP — SWAMP BOUNDARY

GRIDLINE

CLAIM LINES - PLOT LOCATED

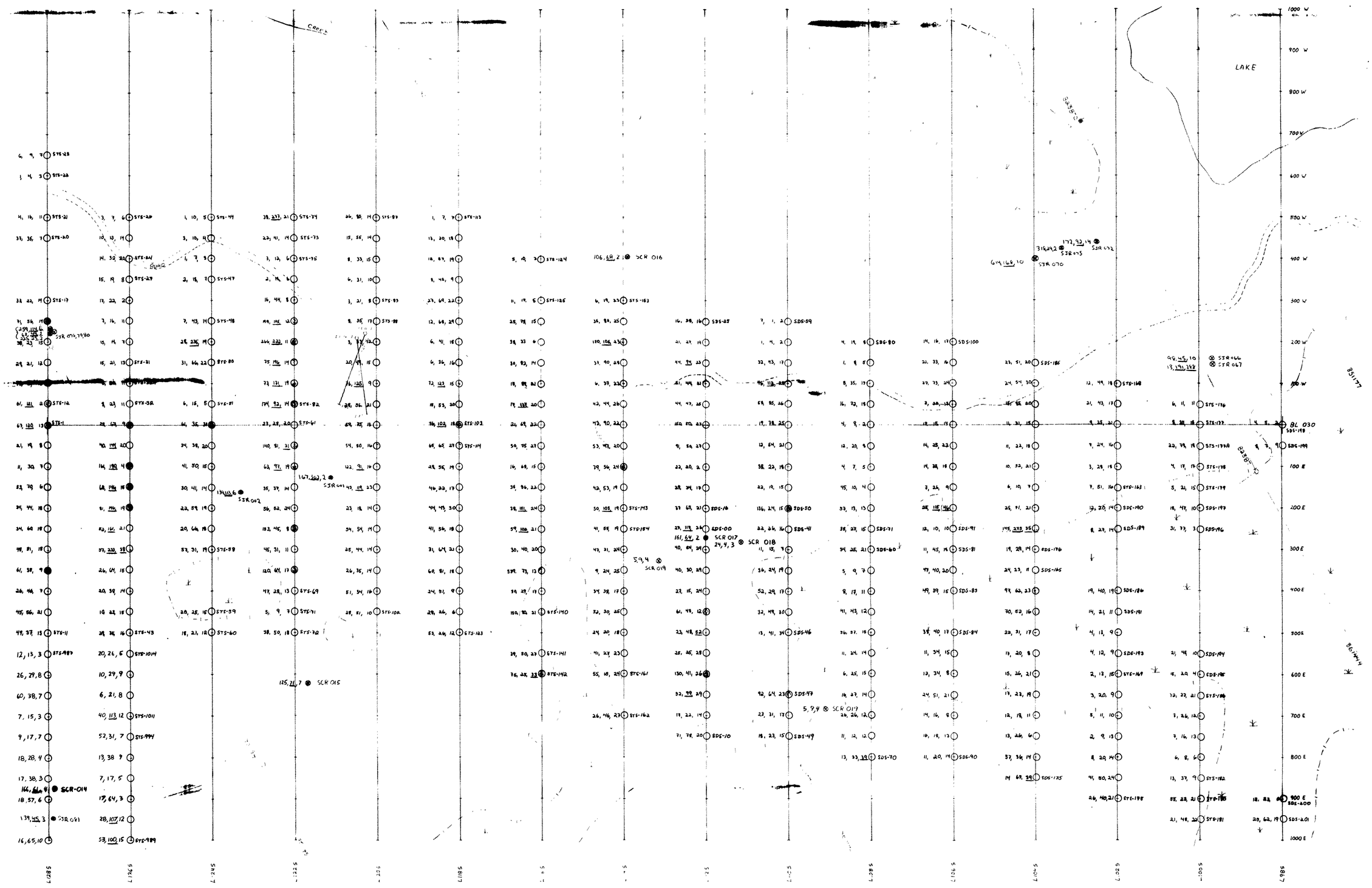
CLAIM LINES - APPROXIMATE PLOT LOCATION

SCALE

100 0 100 200 FEET

CAMINE RESOURCES INC.	
SANDYBEACH LAKE PROPERTY	
SANDYBEACH GRID - GOLD SOIL AND ROCK GEOCHEM	
GML MINERALS CONSULTING LTD	
DRAWN BY: BC	SCALE: 1" : 100'
DATE: DEC 1987	FIGURE 19

SDF16B6383 2.11047 MACFIE



LEGEND

SOIL ANOMALY VALUES (IN PPM)

	Cu	Zn	Pb
POSITIVE	≥ 25	≥ 60	≥ 15
ANOMALOUS	≥ 41	≥ 76	≥ 21
HIGHLY ANOMALOUS	≥ 61	≥ 91	≥ 31

ROCK ANOMALY VALUES (IN PPM)

	Cu	Zn	Pb
ANOMALOUS	≥ 120	≥ 45	≥ 15

SOIL

41, 43, 12 SDS-012

COPPER CONTENT IN PPM

ZINC CONTENT IN PPM

LEAD CONTENT IN PPM

SAMPLE NUMBER

SAMPLE LOCATION

ROCK

35, 41, 10 SJR-[illegible]

SWAMP

GRIDLINE

CLAIM LINES - POST LOCATED

CLAIM LINES [illegible]

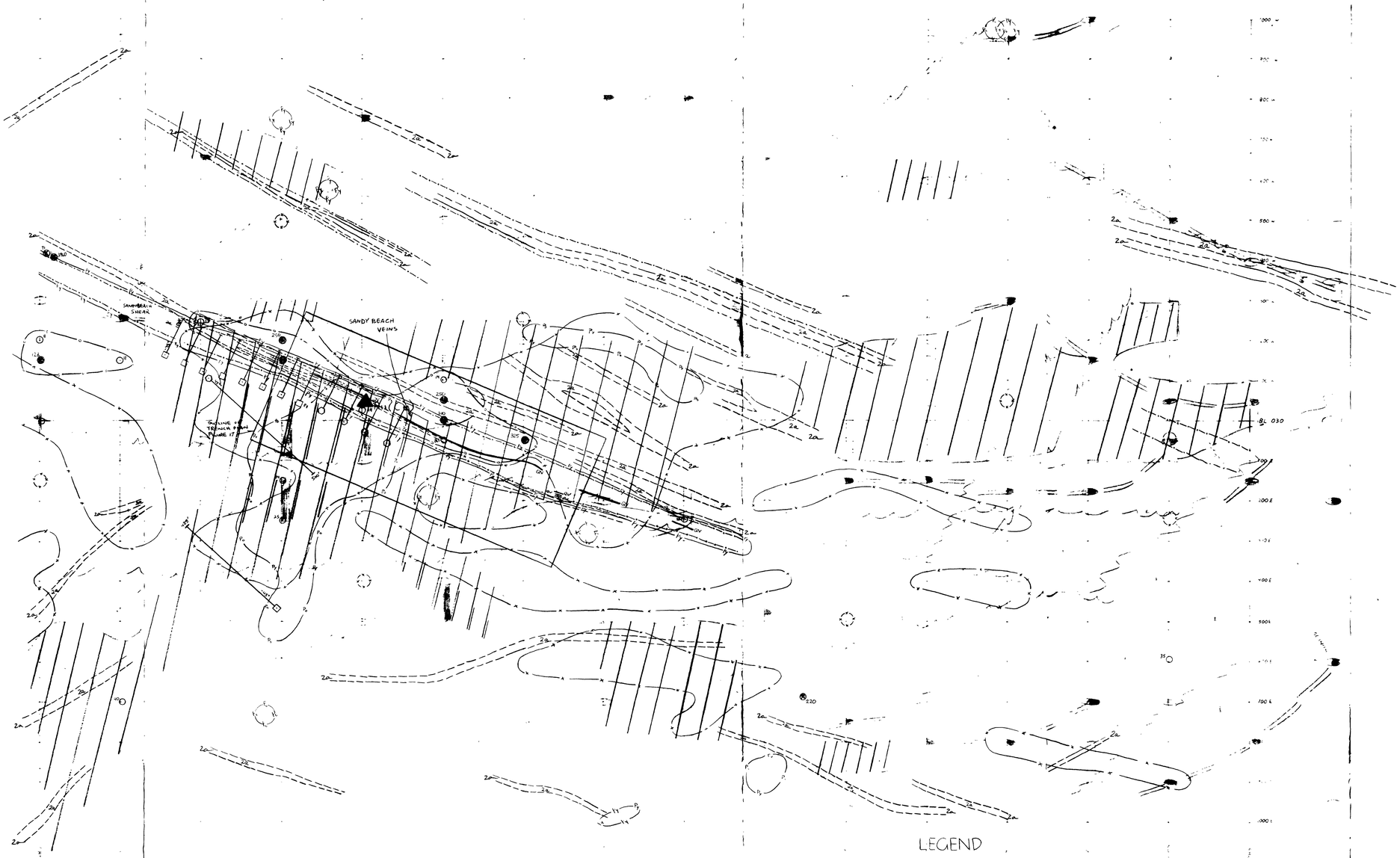
2.11047

SCALE

100 0 100 200 FEET

CAMINE RESOURCES INC.	
SANDY BEACH LAKE PROPERTY	
SANDY BEACH GRID — BASE METALS SOIL AND ROCK GEOCHEM	
GML MINERALS CONSULTING LTD	
DRAWN BY BC	SCALE: 1" : 100'
DATE: DEC 1997	FIGURE: 20

370



LEGEND

I.P.
- Strong pfe anomaly (>5%)
- Moderate pfe anomaly (5%>pfe>2%)
- Weak pfe anomaly (pfe<2%)
- Strongly anomalous IP Zone
- Moderate to Weak I.P Zone

VLF
- Strong F.F. anomaly (>50%)
- Moderate F.F. anomaly (>30%)
- Weak F.F. anomaly (0 to 30%)
- Strong VLF conductor axis
- Moderate VLF conductor axis
- Weak VLF conductor axis
- Interpreted fault / shear zone
- Known Mineralized Zone

- PRIORITY ONE DRILL HOLE
- PRIORITY TWO DRILL HOLE

ANOMALOUS SOIL SAMPLE ZONES/SITES
- ANOMALOUS GOLD ZONE Au ≥ 10 ppb
- ANOMALOUS BASE METAL ZONE Cu > 40 ppm AND/OR ZINC > 75 ppm
- SOIL ANOMALY Au ≥ 10 ppb WITH VALUE NOTED
- 275 SOIL ANOMALY Au ≥ 50 ppb WITH VALUE NOTED

ANOMALOUS ROCK CHIP SAMPLE SITE
- 205 ANOMALOUS GOLD SAMPLE SITE Au ≥ 50 ppb WITH VALUE NOTED

- DISSEMINATED SULPHIDE ZONE CONTAINING: Py - PYRITE, Cp - CHALCOPYRITE, Po - PYRRHOTITE
- SELECTED MAGNETIC HIGH AXIS
- SHEAR ZONE
- QV QUARTZ VEIN
- GRIDLINE
- CLAIM LINES - POST LOCATED
- CLAIM LINES - APPROXIMATE POST LOCATION
- SWAMP
- SWAMP BOUNDARY

NOTE FOR GEOLOGICAL LEGEND SEE FIGURE 16

GEOPHYSICAL INTERPRETATION MODIFIED AFTER D.J. NISBENER PATERSON, GRANT AND WATSON LTD TORONTO, ONTARIO

SCALE
100 0 100 200 FEET

2.11047

CAMINE RESOURCES INC.	
SANDYBEACH LAKE PROPERTY	
SANDYBEACH PROSPECT SUMMARY MAP	
GML MINERALS CONSULTING LTD.	
DRAWN BY: B.C.	SCALE: 1" = 100'
DATE: JANUARY 1988	FIGURE: 21

OM87-2-L-14

380