1999

RECONNAISSANCE REPORT

on the

JAJAY PROPERTY

CLAIMS:
LORRAINE NO.1-12, LORRAINE 1 FR, LORRAINE 2 FR, LORRAINE 3 FR,
LORREX NO. 1-2, GK#1-11, GK#18-21, GK#109 FR, GK#110 FR, GK#111 FR, GK#112 FR,
STEELE #1-4, BOOT #6, BOOT 10, STEELHEAD 1-2, SH 8-10, DOROTHY 1-7, DOROTHY NO.1, DOROTHY NO.3, ELIZABETH NO.1,
PAL 1-4, PAL 6-10, PAL 12-27, PAL 30-44, PAL 47-48
BOBINO #1, BOBINETTE, FIONA, ISABELLE, SUZANNE, DUCK 1-4

Lat. 55° 55′ Long. 125° 27′

NTS 93N/14W, 94C/03W

OMINECA MINING DIVISION

Owner and Operator: LYSANDER MINERALS CORP
(LYSANDER GOLD CORP.)

By

JAY W. PAGE P. GEO.

MINCORD EXPLORATION CONSULTANTS LTD.

December 14, 1999

TABLE OF CONTENTS

INTRODUCTION	Page 1
LOCATION AND ACCESS	Page 2
LOCATION MAP	Figure 1
PYSIOGRAPHY	Page 1&2
PREVIOUS EXPLORATION	Page 2 to 4
MINERAL TNURE	Page 4 to 7
CLAIM MAP	Figure 2
1999 EXPLORATION PROGRAM	Page 8&9
RESULTS AND INTERPRETATION	Page 9 to 13
CONCLUSIONS AND RECOMMENDATIONS	Page 13
SAMPLE LOCTION AND RESULTS MAPS	Figures 3 to 15
REFERENCES	Page 14 to 16
COST STATEMENT	Page 17
CERTIFICATE OF QUALIFICATION	Page 18
SAMPLE DESCRIPTIONS	APPENDIX 1
GEOCHEMICAL CERTIFICTES	APPENDIX 2

INTRODUCTION

In August and September of 1999 Mincord Exploration Consultants Ltd. at the request of Lysander Minerals Corp (now Lysander Gold Corp.) carried out a geochemical sampling program on the Jajay copper-gold-PGE property. The objective being to follow-up copper, gold, platinum and palladium anomalies that were discovered in talus fines and seepage samples collected in 1996 and 1997. One to two geologists and one assistant carried out fieldwork during the period August 14th to September 3rd, 1999. A second visit was made to the property in early October. Exploration work focused on areas with geochemical anomalies peripheral to the main known showing, and was based out of 3 fly-camps. These were established on the Steele #3 (southeast of the Lorraine prospect), on the Dorothy 3 (Elizabeth showing), and on the Pal 48 (north end of the property) claims. Additional work was carried out on the MacKenzie showing (extreme southern claims) from a base on Silver Creek. All access to the property was by helicopter. A total of 48 rock and 121 talus fines / seepage / silt samples were collected.

The Jajay property is located in the Omineca Mining Division, approximately 280 km northwest of Prince George, BC. The property is underlain by the Duckling Creek Syenite Complex, an alkalic phase of the Jurassic-Cretaceous Hogam Batholith.

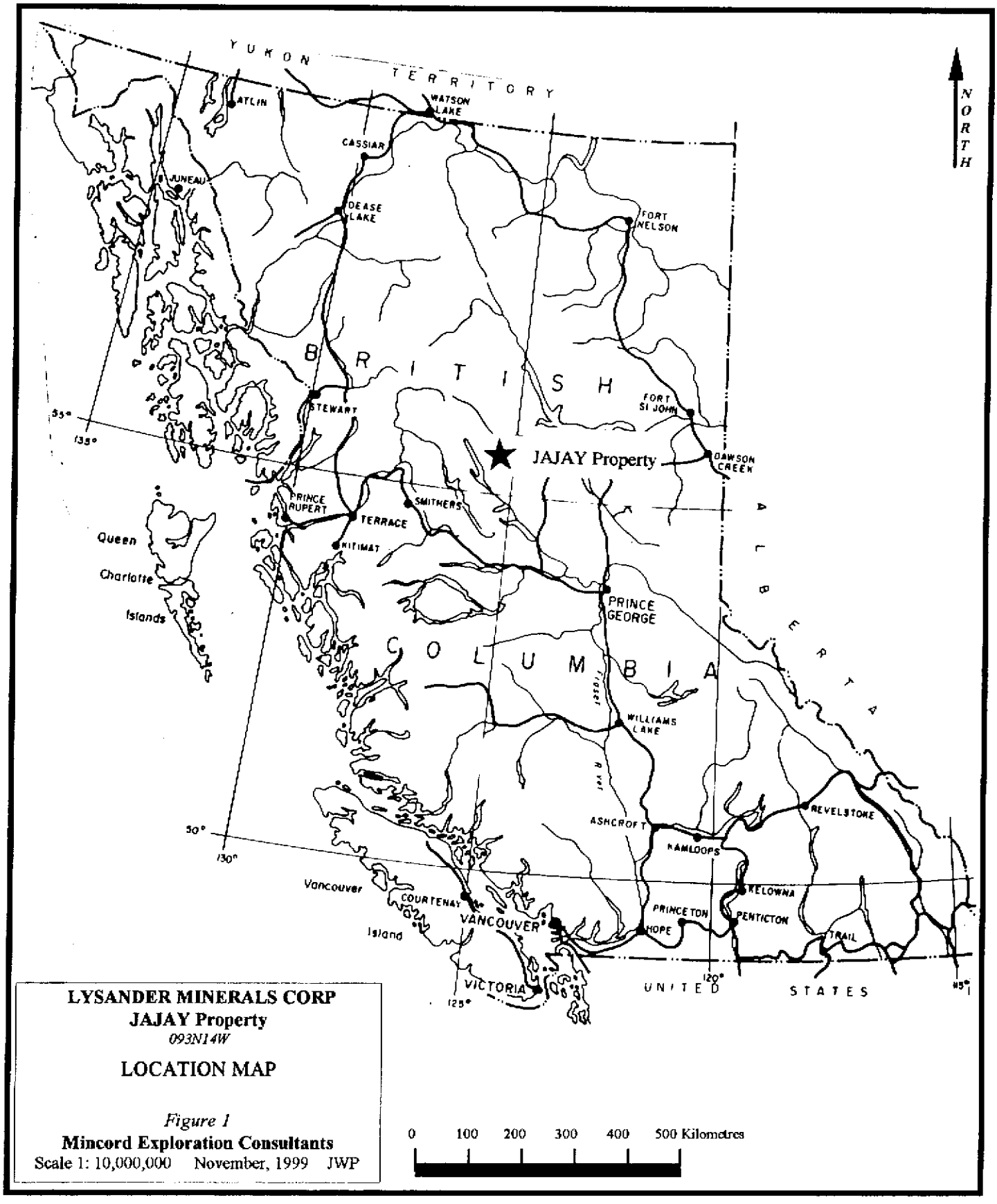
LOCATION & ACCESS

The Jajay property is located in the Swannell Ranges of the Omineca Mountains, and near the headwaters of Duckling Creek. This location is approximately 280-km northwest of Prince George, British Columbia. Road access to the Lorraine prospect, which forms the heart of the Jajay property, is most commonly via Fort St. James and Germansen Landing on the Omineca Mining Road. However, recent logging activity in the area has pushed industrial logging roads to within a few kilometres of the property from the southeast (via Germansen Landing and Mackenzie), from the southwest (via Leo Creek and Fort St. James) and from the north (via Osilinka and Williston Lake). The new logging road approaching from the southwest has bridged the Omineca River and now provides access to the BC Rail terminus at Lovell Cove on Takla Lake.

The new logging roads and the Lorraine \ Omineca Mining road provide access to the central and lower elevation parts of the property. Most of the property, however, still requires access by helicopter. The closest permanent helicopter bases are located in Fort St. James and Smithers, although helicopters are sometimes seasonally based at Tchentlo Lake Lodge, Silver Creek Camp, Germansen Landing and the Osilinka Logging camp.

PHYSIOGRAPHY

The Jajay property is located in a mountainous section of the Swannell Ranges which is truncated to the north and south by the broad, subdued river valleys of the Osilinka and Omineca Rivers. Elevations on the property range from approximately 1000 metres on Duckling Creek to around 2000 metres on some ridge tops. Pleistocene



LYSANDER MINERALS CORP
JAJAY Property
093N14W

LOCATION MAP

Figure 1
Mincord Exploration Consultants
Scale 1: 10,000,000 November, 1999 JWP

glaciation has incised a number of north and east-facing cirques, which interrupt the general north-south lineation of the topography. Cirque floors are generally found at 1550 to 1600 metres elevation. Tarns, although present, are rare. Other periglacial features, such as stone stripes, frost boils and nivation hollows are common in the alpine. There is currently no active glaciation on the property. Talus development is extensive on the northern and eastern slopes, while the southern and westerly slopes are commonly vegetated. Glacial till and fluvioglacial outwash blanket the valley bottoms, limiting most outcrop exposures to streambeds below tree line. A thick growth of mature spruce, pine and balsam covers much of the lower elevation areas extending up to tree line at approximately 1650 metres elevation.

PREVIOUS EXPLORATION

The focus of most previous exploration on the Jajay property has been the Lorraine prospect, with somewhat less attention being paid to the Dorothy and Elizabeth showings.

In the early 1900's, prospectors and local natives had noted the malachite-stained bluffs of Lorraine Mountain, but it was not until 1931 that the property was first staked. The Consolidated Mining and Smelting Company Limited acquired the Lorraine property in 1943, but dropped it in 1947 after some limited surface sampling.

Kennex (a subsidiary of Kennecott) acquired the Lorraine property in late 1947. And in 1948-49, under the name of Northwestern Explorations Limited, they mapped, sampled and drilled the property. Five widely spaced AX diamond drill-holes were completed in the Upper Main zone. Regional prospecting, undertaken during this program, traced copper-mineralized float found on the east side of Duckling Creek, up to the Dorothy and Elizabeth Breccia showings. In 1949, Northwestern followed-up this new discovery with a program of mapping, line-cutting, hand trenching and diamond-drilling. Four AX diamond-drill holes, totaling 442 metres, were drilled at the Dorothy showing; the best intersection assayed 0.48% copper over 109 metres.

Limited exploration was carried out in the area during the 1950's and early 1960's. In 1951, H. Warren and D. Barr carried out a biogeochemical survey in the Dorothy / Elizabeth area. In the early 1960's Kennco Explorations (Western) Limited carried out a program of mapping, silt and soil sampling, and geophysical (IP and magnetometer) surveys in the area, and in 1963, they drilled 2 AX diamond-drill holes (DDH DY-1, 2). Sufficient assessment work was generated by this work to hold the Dorothy 2-post claims until 1972, after which cash in lieu of work was paid to hold the property.

The Lorraine property then lay dormant until it was optioned to Granby Mining Company Limited in 1970. During the period 1970-73, Granby enlarged the property and carried out a major exploration program of geological mapping, rock and soil sampling, trenching and drilling. A total of 3,992 metres of diamond drilling and 2,470 metres of percussion drilling were completed on the Main Zone. By 1973, the Main zone had been sub-divided into two zones and a preliminary estimate of reserves calculated. The Lower Main zone was inferred to contain 5,500,000 tonnes grading 0.6% copper and 0.1 grams

per tonne gold, and the Upper Main zone was inferred to contain 4,500,000 tonnes grading 0.75% copper and 0.34 grams per tonne gold. A cut off grade of 0.4% copper was used in the calculations.

The Lorraine and Dorothy properties were inactive during the remainder of the 1970's and through most of the 1980's. In 1989, Kennecott Canada Inc. began a reassessment of the gold-copper potential of the Lorraine and Dorothy properties, prompted in part by the Mount Milligan discovery. The property was expanded, and an initial orientation program was contracted to C.E.C. Engineering Ltd. in 1990. This included road rehabilitation, establishing grids, geological mapping, soil sampling, and geophysical (IP and magnetometer) surveys.

In 1991 Kennecott resumed management of the property and embarked on a 12-hole (2,392 metres) diamond-drill program in the Lorraine area, with 9 holes drilled in the Lorraine Extension (later called the Bishop) zone, 2 holes drilled in the Webber zone and 1 hole drilled in the North zone. Detailed geological mapping and petrographic studies were begun during this program. The exploration program also extended to the Dorothy / Elizabeth areas. Work consisted of road construction (from the Dorothy / Duckling Creek access road to the Elizabeth Breccia area), test pitting, rock sampling, IP surveys and the diamond drilling of 6 NQ holes for a total of 961.6 metres. The first 3 holes were drilled at the Dorothy showing in the vicinity of Northwestern's 1949 drill-holes, the remaining 3 holes were drilled along the Dorothy / Duckling Creek road south of Dorel Creek. The most significant intersection was in hole D91-1 which averaged 0.34% copper and 0.12 grams per tonne gold over 121 metres.

In 1993, Kennecott drilled another 2 holes (the 3rd hole was lost in overburden) in the Lorraine property, along with detailed rock chip sampling of the Main and Extension zones.

In 1994 Lysander Gold Corporation optioned the Lorraine property from Kennecott and carried out a 10-hole diamond-drill program (1,221.4 metres), which was focused on the higher-grade sections of the western part of the Upper Main (3 holes) and Bishop (7 holes) zones. The success of this program led to the optioning of the adjacent Boot-Steele claims to protect a possible southeastern extension of the Bishop zone.

Lysander continued drilling in 1995 with a 26-hole, 3843.53 metre program. A total of 23 holes (2903 metres) were drilled on the Upper Main Zone in 1995, proving that mineralization occurs as steeply-dipping, irregular masses. Two holes were drilled in the Bishop zone in 1995; however, neither hole intersected economic mineralization suggesting that faulting is an important feature in the Bishop zone. A single "wildcat" hole drilled on Jeno Ridge also failed to intersect economic mineralization. The program drew attention to a potential copper resource that exists in mineralized talus below the Upper Main zone.

In 1996, the importance of the ring structure, then assigned the name Jajay, was recognized and this prompted Lysander to option the Dorothy and Steelhead properties,

and to consolidate the claim position by staking the encompassing Pal claims. Initial work in 1996 on the expanded Jajay property included a geochemical program of sampling soils, talus fines, seepage sediments and rocks over the western third of the ring structure. A 10-hole diamond-drill program in 1996 probed extensions of the Upper Main and the Bishop zones. Significant intersections included hole 96-44 which cut 32.2 metres of 1.49% copper in the Bishop zone.

Lysander continued drilling in 1997 with an 8-hole (1146.3 metres) program. 4 holes were drilled in the Dorothy showing, 3 holes in the Bishop zone and 1 hole in the Ato area (Bobinette claim). In the Bishop zone, hole 97-47 intersected 64 metres of 0.58 % copper and 0.24 grams per tonne gold. The geochemical program was continued in 1997 and a limited amount of follow-up sampling was carried out. Numerous copper and gold anomalies were identified in both of the 1996 and 1997 geochemical surveys. Subsequent reanalyss of some of these samples resulted in the identification of several PGE anomalies.

In 1998, compilation and analysis of the property data resulted in a new (pittable) ore resource estimate of 31.0 million tonnes grading 0.66 % copper, 0.17 grams per tonne gold and 4.7 grams per tonne silver.

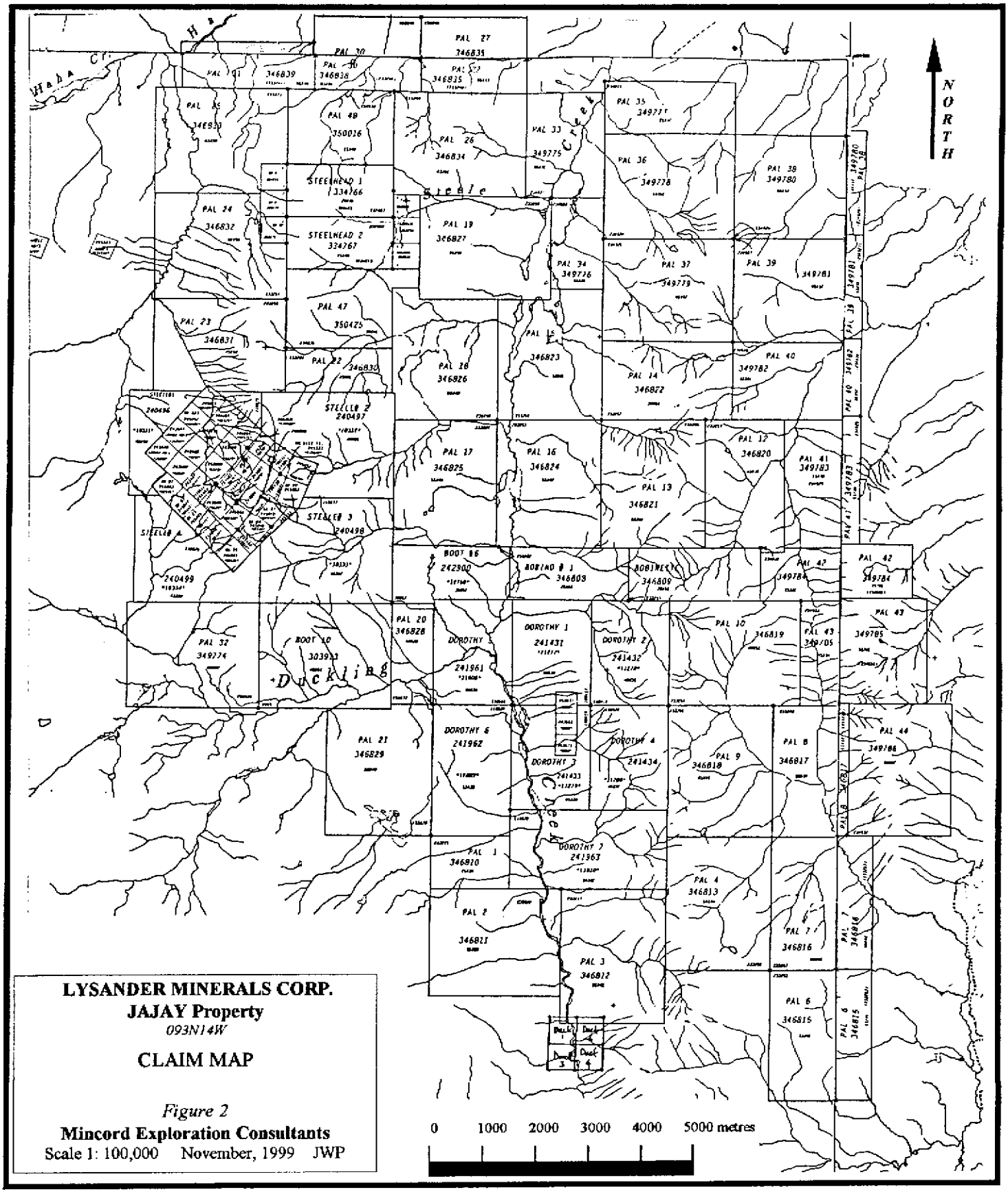
MINERAL TENURE

The Jajay project is made up of four optioned properties and 49 claims acquired by staking, for a total of 108 claims (1019 units). Lysander Minerals Corp (now Lysander Gold Corp.) own all of the claims. The Lorraine and Dorothy properties are subject to agreements with Kennecott Canada Inc., the Boot-Steele property is subject to an agreement with Richard Haslinger and Larry Hewitt, and the Steelhead property is subject to an agreement with Alvin Jackson. The remainder of the claims were staked by Lysander and are not encumbered. A listing of mineral tenures is as follows:

Claim Name	Record #	# units	Expiry Date	Expiry Year
Pal 1	346810	6	31-May	2001
Pal 2	346811	20	30-May	2001
Pal 3	346812	20	1-Jun	2001
Pal 4	346813	20	11-Jun	2001
Pal 6	346815	20	11-Jun	2001
Pal 7	346816	20	11-Jun	2001
Pal 8	346817	15	9-Jun	2000
Pal 9	346818	20	9-Jun	2000
Pal 10	346819	20	9-Jun	2000
Pal 12	346820	15	10-Jun	2000
Pal 13	346821	20	12-Jun	2000
Pal 14	346822	15	12-Jun	2000
Pal 15	346823	20	6-Jun	2001
Pal 16	346824	20	7-Jun	2001
Pal 17	346825	20	7-Jun	2001
Pal 18	346826	20	6-Jun	2001
Pal 19	346827	20	5-Jun	2001
Pal 20	346828	8	2-Jun	2001
Pal 21	346829	20	31-May	2001
Pal 22	346830	8	7-Jun	2001
Pal 23	346831	20	7-Jun	2000
Pal 24	346832	20	6-Jun	2000
Pal 25	346833	20	4-Jun	2000
Pal 26	346834	20	4-Jun	2000
Pal 27	346835	20	2-Jun	2000
Pal 30	346838	20	2-Jun	2000
Pal 31	346839	20	3-Jun	2000
Pal 32	349774	20	11-Aug	2001
Pal 33	349775	12	16-Aug	2000
Pal 34	349776	8	16-Aug	2002
Pal 35	349777	10	14-Aug	2000
Pal 36	349778	20	17-Aug	2000
Pal 37	349779	20	17-Aug	2000
Pal 38	349780	20	17-Aug	2000
Pal 39	349781	20	17-Aug	2000
Pal 40	349782	15	16-Aug	2000
Pal 41	349783	15	20-Aug	2000
Pal 42	349784	12	18-Aug	2000
Pal 43	349785	20	21-Aug	2000
Pal 44	349786	20	20-Aug	2000
Pal 47	350425	15	24-Aug	2001
Pal 48	350016	12	23-Aug	2000
Bobino 1	346808	10	7-Jun	2001
Bobinette	346809	10	8-Jun	2000

Claim Name	Record #	# units	Expiry Date	Expiry Year
Fiona	352235	1	9-Oct	2000
Isabelle	352236	1	9-Oct	2000
Suzanne	352237	1	9-Oct	2000
Steelhead 1	334766	8	6-Apr	2001
Steelhead 2	334767	8	6-Apr	2001
Sh 8	334773	1	6-Apr	2001
Sh 9	334774	1	6-Apr	2001
Sh 10	334775	1	6-Apr	2001
Lorraine 1	243499	1	17-Sep	2006
Lorraine 2	243500	1	17-Sep	2006
Lorraine 3	243501	1	17-Sep	2006
Lorraine 4	243502	1	17-Sep	2006
Lorraine 5	243503	1	17-Sep	2006
Lorraine 6	243504	1	17-Sep	2006
Lorraine 7	243505	1	17-Sep	2006
Lorraine 8	243506	1	17-Sep	2006
Lorraine 9	243507	1	22-Jun	2006
Lorraine 10	243508	1	22-Jun	2006
Lorraine 11	243509	1	22-Jun	2006
Lorraine 12	243510	1	22-Jun	2006
Lorraine 1FR	245449	1	31-May	2006
Lorraine 2FR	245450	1	31-May	2006
Lorraine 3FR	245451	1	31-May	2006
Lorrex 1	243646	1	4-Sep	2006
Lorrex 2	243647	1	4-Sep	2006
GK 1	245043	1	3-Jul	2006
GK 2	245044	1	3-Jul	2006
GK 3	245045	1	3-Jul	2006
GK 4	245046	1	3-Jul	2006
GK 5	245047	1	3-Jul	2006
GK 6	245048	1	3-Jul	2006
GK 7	245049	1	3-Jul	2006
GK 8	245050	1	3-Jul	2006
GK 9	245051	1	3-Jul	2006
GK 10	245052	1	3-Jul	2006
GK 11	245053	1	3-Jul	2006
GK 18	245054	1	3-Jul	2006
GK 19	245955	1	3-Jul	2006
GK 20	245056	1	3-Jul	2006
GK 21	245057	1	3-Jul	2006
GK 109 FR	245452	1	31-May	2006
GK 110 FR	245530	1	25-Jul	2006
GK 111 FR	245453	1	31-May	2006
GK 112 FR	245531	1	25-Jul	2006
Dorothy 1	241431	12	20-Nov	2002

Claim Name	Record #	# units	Expiry Date	Expiry Year
Dorothy 2	241432	12	20-Nov	2002
Dorothy 3	241433	12	20-Nov	2002
Dorothy 4	241434	12	20-Nov	2002
Dorothy 5	241961	12	14-May	2002
Dorothy 6	241962	15	14-May	2002
Dorothy 7	241963	18	14-May	2002
Dorothy #1	243511	1	16-Jul	2002
Dorothy #3	243512	1	16-Jul	2002
Elizabeth #1	243513	1	27-Aug	2002
Steele #1	240496	20	29-Apr	2003
Steele #2	240497	20	29-Apr	2003
Steele #3	240498	20	29-Apr	2003
Steele #4	240499	20	29-Apr	2003
Boot 6	242900	15	30-Oct	2001
Boot 10	303913	20	5-Sep	2002
Duck 1	371543	1	31-Aug	2000
Duck 2	371544	1	31-Aug	2000
Duck 3	371545	1	31-Aug	2000
Duck 4	371 546	1	31-Aug	2000
MacKenzie 1	372404	20	6-Oct	2000
MacKenzie 2	372405	20	6-Oct	2000
MacKenzie 3	372406	20	6-Oct	2000
MacKenzie 4	372407	20	6-Oct	2000
MacKenzie 5	372408	8	6-Oct	2000



LYSANDER MINERALS CORP.
JAJAY Property
093N14W

CLAIM MAP

Figure 2
Mincord Exploration Consultants
Scale 1: 100,000 November, 1999 JWP

1999 EXPLORATION PROGRAM

The objective of the 1999 geochemical sampling program was to follow-up copper, gold, platinum and palladium anomalies that were discovered in talus fines and seepage samples collected in 1996 and 1997. 1-2 geologists and 1 assistant carried out fieldwork during the periods August 14th to September 3rd, 1999. Exploration work focused on areas with geochemical anomalies peripheral to the main Lorraine prospect, and was based out of 3 fly-camps established on the Steele #3 (southeast of the Lorraine prospect), Dorothy (Elizabeth showing) and on the Pal 48 (north end of the property) claims. Prospecting and helicopter pad construction was carried out on the MacKenzie showing from a base camp on Silver Creek. All access to the property was by helicopter. A total of 48 rock and 121 soils/talus fines/seepage samples were collected.

Steele #3

Two fly-camps were established on the Steele #3 claim; the first located on Jeno Ridge near the "BM" breccia occurrence (at 1900 metres elevation), and the second at tree-line in the prominent cirque south of the Bishop zone.

The BM breccia, which has been sampled by previous exploration programs has been shown to contain highly anomalous concentrations of platinum group metals. The breccia was re-sampled and the area prospected on August 14th. Two rock samples were collected. No additional occurrences of the breccia were found, other than the down-slope trend of several exposures of the BM breccia. A reconnaissance line of 8 soil samples was taken on the grass-covered west side of Jeno Ridge to prospect for a possible western extension of the breccia mineralization under cover.

Several days (August 15th to 19th) were spent following-up anomalous samples in the southernmost cirque of Steele #3. Talus fines sampling in 1996 had identified anomalous gold geochemistry coming from both the north and southeast walls of this cirque; and in addition, re-analysis of the fines in 1999 had identified several weak (<15 ppb) platinum anomalies on the north side of this cirque. Exploration this year included prospecting and sampling of several gossans in the cirque, discovery of a zone of malachite-stained, mineralized syenite outcrop and the infill sampling of talus fines on the north and south cirque walls. The newly discovered mineralized zone is located in the north-central part of the cirque at approximately 1740 m elevation, below the line of talus fines and seepage samples collected in 1996. Five short soil sample lines were run over the area to test the geochemical response of the mineralized outcrop and the shear zone. A total of 19 rock samples, and 46 soil and talus fines samples were collected in the cirque.

Dorothy (Elizabeth)

August 22 & 23, 1999 were spent prospecting and sampling the Elizabeth breccia and surrounding area on the Elizabeth 1, Dorothy 3 and Dorothy 4 claims by 2 geologists and 1 assistant. Infill sampling of several copper anomalies in talus fines and seepage

samples was also carried out. The Elizabeth breccia was relocated and found to be partly exposed over about a 10-metre width above a 1991 a cat road. There is little evidence of previous work at the showing; a shallow hand trench, now obscured by the cat-road and a few sample ribbons are the only evidence of prior exploration. A total of 10 Rock samples and 26 talus fines and seepage samples were collected in this area.

PAL 48

Two areas were prospected and sampled by 1 geologist and 1 assistant from a fly-camp established in a north-facing cirque on Pal 48. The first area examined was the Steelhead 1 claim on August 26, 1999. A total of 10 talus fines samples were taken at 50m spacing on the hillside above a group of anomalous seepage samples (Numbers 111345 to 111350) which were collected in 1996. The following 3 days (August 27 to August 29, 1999) were spent prospecting and sampling the Pal 48 claim area. Much of this time was focused on the hillside above two 1996 talus fine samples, which had yielded a multi-element anomaly. A total of 12 rock samples and 28 talus fines were collected from the Pal 48 claim.

MacKenzie Showing

Two showings, one massive and one semi massive were located on Duckling Creek following up a description provided by Terry Mackenzie, who had worked in this area in the 1980's. The MacKenzie showings were staked (Duck 1-4), and sampled on August 31, 1999. 1 geologist and an assistant collected a total of 5 rock samples and 1 silt sample. The MacKenzie showing was visited again on October 1-2 when helicopter pads were built at each of the exposures. It is believed that the two showings, which occur on the eroded incised edge of the creek, represent fissure infilling of sulfides derived from a porphyry occurrence.

RESULTS & INTERPRETATION

A posting of sample locations and results is included in figures 3 though 15. The results of this work is summarized as follows:

Steele #3

The BM breccia on Jeno Ridge was the focus of the first fly camp. This homolithic breccia is an small irregular zone of fracture fillings / dilations containing angular breccia fragments up to 10 cm long of intense, biotite-altered, gray syenite with a sulfide rich matrix. Locally the breccia contains up to 40% pyrite, bornite and malachite, combined. The gray syenite host displays intense biotite alteration within a few metres of the breccia, in places up to 60% of rock is composed of biotite. Numerous pink K-feldspar veinlets to 1cm thick crosscut through the host and appear to be associated with the breccia. They are unaltered and unmineralized. Many of the K-feldspar crystals appear to be pegmatitic, even within the limited space of the veinlets, suggesting that that the residual melt contained a hydrous / volatile component. This would help to explain the presence of the anomalous platinum group element geochemistry.

Re-analysis of the BM breccia confirmed the precious metals content (Au: 5972 ppb; Ag: 134.8 ppm; Pt: 399 ppb; Pd: 948 ppb). The soil samples collected on the grassy slope to the west of the breccia returned 1 significant anomaly (#C99-ST-001 Pd: 41 ppb). This may be the result of mechanical, down-slope dispersion from a westward extension of the breccia under cover.

Prospecting and sampling in the southernmost cirque of Steele #3 yielded a number of geochemical anomalies in talus fines, soil samples, and the discovery of a zone of malachite-stained, mineralized syenite in the north-central part of the cirque at 1740 m elevation. This outcrop is below the line of talus fines and seepage samples collected in 1996. Mineralization consists of disseminated blebs of pyrite, chalcopyrite and bornite in a medium-grained, malachite-stained, magnetite-rich, gray syenite. The mineralization was traced, discontinuously for approximately 50 metres and is found adjacent to and on the south side of a shear zone. Visibly mineralized gray syenite returned analysis values of 0.71 % copper and 974 ppb gold (P99-ST-006), and 0.45% copper and 563 ppb gold (P99-ST-013). A sample of a pink syenite in contact with a malachite-stained, syenite-magnetite breccia (P99-ST-008) returned higher copper values 1.70 % and a gold value of 53 ppb. The syenite-magnetite breccia itself returned values of 0.54% copper and 369 ppb gold.

A 10-cm wide quartz vein in the shear zone was noted to contain disseminated specks of bornite and pyrite, and when analyzed, was found to contain 18,974 ppb gold. A sample of the silicified, limonitic host rock (syenite?) for the shear zone returned 1071 ppb gold. This shear zone, as exposed in a creek bank is 3-4 metres wide.

Soil sampling across the cirque floor and in the vicinity of the mineralization yielded a number of anomalies in both copper and gold. A soil sample (C99-ST-024) near mineralized outcrop returned values of 347-ppm copper and 40 ppb gold. Samples (C99-ST-018 & 019) taken near the sheer zone and above the mineralized syenite outcrop yielded low copper values but 114 ppb and 247 ppb gold, respectively. Clearly these samples reflect different sources for each anomaly; copper from the mineralized syenite and gold from the shear zone. Another soil sample (C99-ST-025) on trend with the shear zone returned 1230-ppb gold and 103-ppm copper (re-analysis). A group of copper anomalies (but with low gold values) in soils south of the mineralized syenite (C99-ST-014: 305 ppm Cu; C99-ST-015: 914 ppm Cu; C99-ST-021: 279 ppm Cu) suggest a bedrock source for the copper, perhaps mineralized syenite. This copper anomaly remains open to the west and southeast. Platinum and palladium values are generally low, except for soil samples C99-ST-011, 040 & 042 which returned 42, 40 & 45 ppb palladium respectively and remain unexplained.

Talus fines collected in the Steele #3 cirque returned mixed results. Along the north slope of the cirque, the anomalous gold analysis of 495 ppb returned by 1996 talus fines sample #104154 was not reproduced by samples C99-ST-038, 039, 046 which bracketed the 1996 sample. However, sample C99-ST-047, located 100 metres to the northeast, yielded 1311-ppm copper and 107 ppb gold. Moderately anomalous copper

geochemistry was identified in the northwest corner of the cirque. Samples C99-ST-043 & 044 returned 734 ppm and 1514 ppm copper respectively. A sample of soil from a maroon-coloured, hematitic gossan in this area yielded 591 ppm copper and 96 ppb gold.

The talus fines collected along the south slope of the cirque repeated most of the previous gold anomalies, except for #103165 (226 ppb gold) which was bracketed by samples #C99-ST-049 & 050 and which returned 56 ppb & 65 ppb gold respectively. The 1996 gold anomalies in samples #103168 & 103170 (103 ppb, 134 ppb gold) were repeated by samples C99-ST-053, 054, 055 & 056 (335 ppb, 130 ppb, 227 ppb & 118 ppb gold). A rock (float) sample of limonitic intrusive containing pyrite and a quartz veinlet (sample # P99-ST-019) returned 307 ppb gold. The source for the gold in talus fines is probably the prominent sheer zones cutting through the south wall of the cirque.

Dorothy (Elizabeth)

The location and sampling of the Elizabeth breccia was the primary focus of work in the Dorothy area. The Elizabeth breccia is an intrusive breccia, possibly localized by a fault, and cemented with a bornite-chalcocite-malachite matrix. The breccia fragments are generally small, less than 10 cm in length, angular and bleached / clay altered. Vuggy open spaces in the breccia are common. The sulfide matrix is fine-grained and comprises approximately 40% of the rock. A composite grab sample (P99-DE-001) assayed 22.16% copper; precious metals values were relatively low. Samples of bleached, clay-altered and chalcocite-bearing intrusive (M99-DE-002 & 003) were collected near the northern margin of the breccia and returned values of 1360 ppm and 5641 ppm copper, and 81 ppb and 127 ppb gold respectively. A line of 6 talus fines samples (C99-DE-001 to 006) was taken several hundred metres upslope from the Elizabeth breccia. Most contained very low copper values, except for the first sample at the end of the cat road which returned 361 ppm copper. This may suggest a north-south alignment to structures hosting the copper mineralization in this area.

North of Dorel Creek, a 1999 talus fines sample # 972013 had returned 1876 ppm copper. Re-sampling (C99-DE-007) did not reproduce this anomaly (514-ppm copper). Upslope, 200 metres to the northwest, an outcrop of weakly mineralized mafic syenite returned 1722 ppm copper (sample #M99-DE-004), a talus fines sample (#C99-DE-008) taken near by contained 748 ppm copper.

Several samples were taken along the road following the Duckling Creek valley, approximately due west of the Elizabeth breccia. Road cuts along this area expose a gray syenite that is pervasively mineralized with minor amounts of pyrite and chalcopyrite, although the sulfide content locally exceeds 1%. Sample M99-DE-007 (006A) returned 6097-ppm copper and negligible gold. Talus fines collected along the first dogleg of the Elizabeth breccia road (#C99-DE-009 to 023) returned values in the 200 to 500 ppm range. These appear to be above general background values, but are not interpreted to be of special interest because outcrop in this area is weakly mineralized, and in addition, they are downslope from the Elizabeth breccia.

Two seepage samples (#974060 & #974062) taken at 1200 metres elevation below the Duckling Creek road had returned anomalous values of 2476 ppm and 1052 ppm copper, respectively. However, 3 follow-up seepage samples (#C99-DE-024, 025 & 026) which bracketed the anomalous samples were unable to reproduce the anomaly.

Pal 48 (Steelhead 1)

The Talus fines samples collected on the Steelehead 1 claim returned values ranging from 176 ppm to 536 ppm copper, within the range of the 1996 talus fines samples collected here. They provide little information to explain the 1996 seepage sample anomalies below, other than to suggest that the anomalies are indeed due to seepage.

Talus fines samples collected on the Pal 48 claim were moderately anomalous and they identified two area of interest. The southeast wall of the cirque produced three anomalous talus fines samples: sample numbers C99-PAL-002, 0044 & 005, which returned 1211 ppm, 1390 ppm and 1215 ppm copper, and 13 ppb, 69 ppb and 29 ppb gold, respectively. These are moderately anomalous values in this area. The highly anomalous copper values found in the 1996 talus fines were not repeated; however, the samples were found to have been taken from the toe of a relic rock-glacier, and are transported anomalies. It is believed that they originated from the general area of this year's samples #C99-PAL-002 to 005. Malachite-stained gray syenite float was found on this hillside float (rock sample P99-PAL-003 returned 7477 ppm copper), which together with the anomalous talus fines suggests that a zone of mineralization exists upslope.

Talus fines samples #C99-PAL-019 & 021 returned values of 1055 ppm and 1294 ppm copper from the southwest side of the cirque. Several pieces of malachite-stained float (rock sample P99-PAL-009 returned 3886-ppm copper) were also found in this area; however, no pattern is evident to the anomalous samples found so far.

A small zone of chalcopyrite-molybdenite mineralized monzonite was found in the cirque floor at about 1640 metres elevation. Both talus fines (Sample numbers C99-PAL-024 to 026) and rock samples (sample numbers P99-PAL-010 to 012) returned anomalous copper-molybdenum values.

MacKenzie Showing

The Mackenzie showing on Duckling Creek was found to consist of two showings separated by 250 metres of clay bank. The first showing consists of a lenses of massive pyrite-chalcopyrite exposed in a creek cut-bank. This mineralization appears to be hosted by an intensely fractured, chlorite-rich, intermediate to basic intrusive with a late potassic overprint consisting mainly of cross-cutting K-feldspar veins. A second showing located 250 metres to the south consists of a one metre wide massive chalcopyrite lens dipping into the creek bank. Analysis of this lens (sample #P99-DUCK-005) returned 20.75% copper, 127.6 ppm silver and 6764 ppb gold. Sample P99-DUCK-001, a 1.6 metre channel sample across mineralized outcrop at the northern showing, returned 2.68%

copper 16.1-ppm silver and 408 ppb gold. Grab samples P99-DUCK-002 to 004 taken in the vicinity of #P99-DUCK-001, returned 26314 ppm, 8147 ppm and 4422 ppm copper respectively.

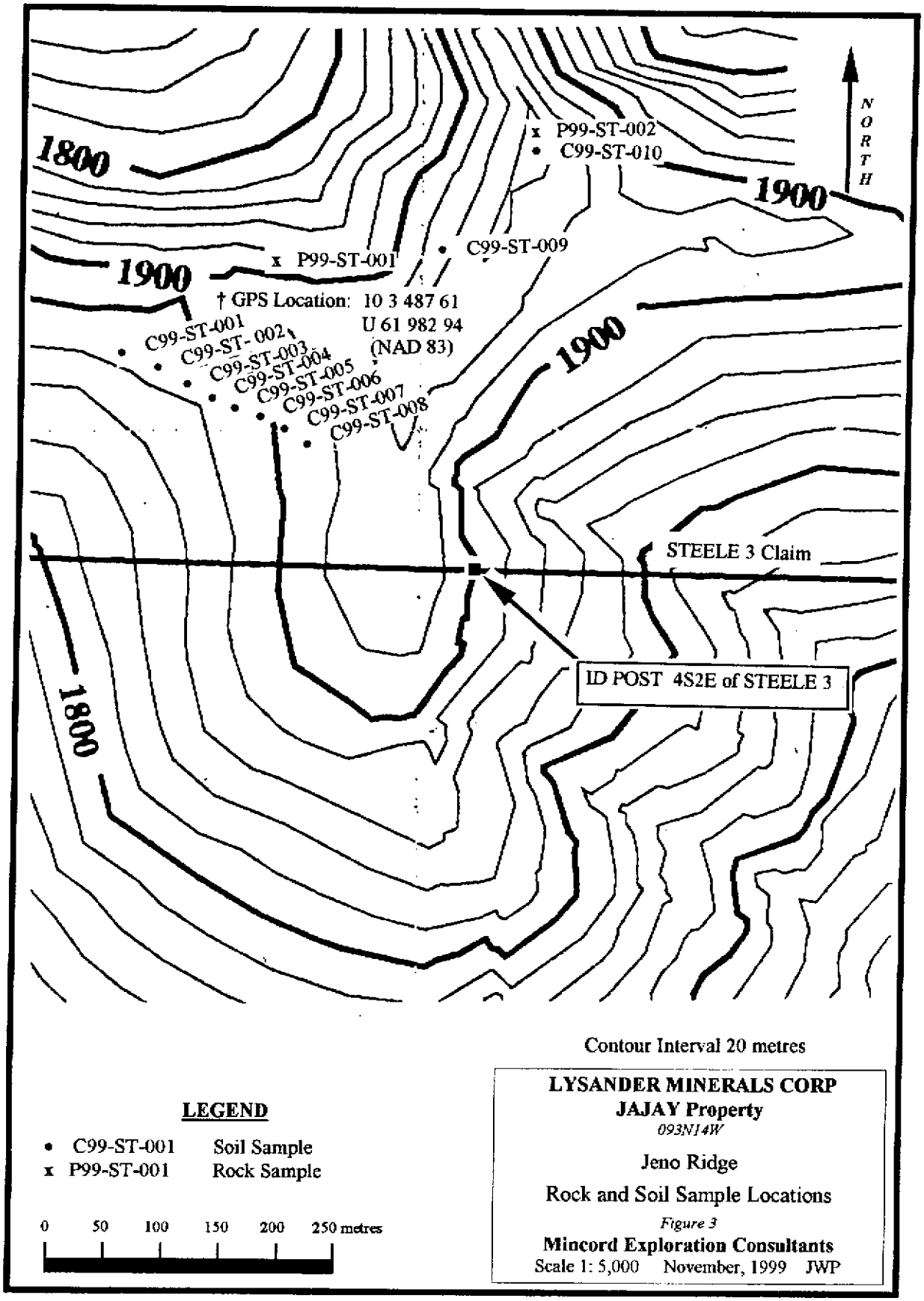
CONCLUSIONS & RECOMMENDATIONS

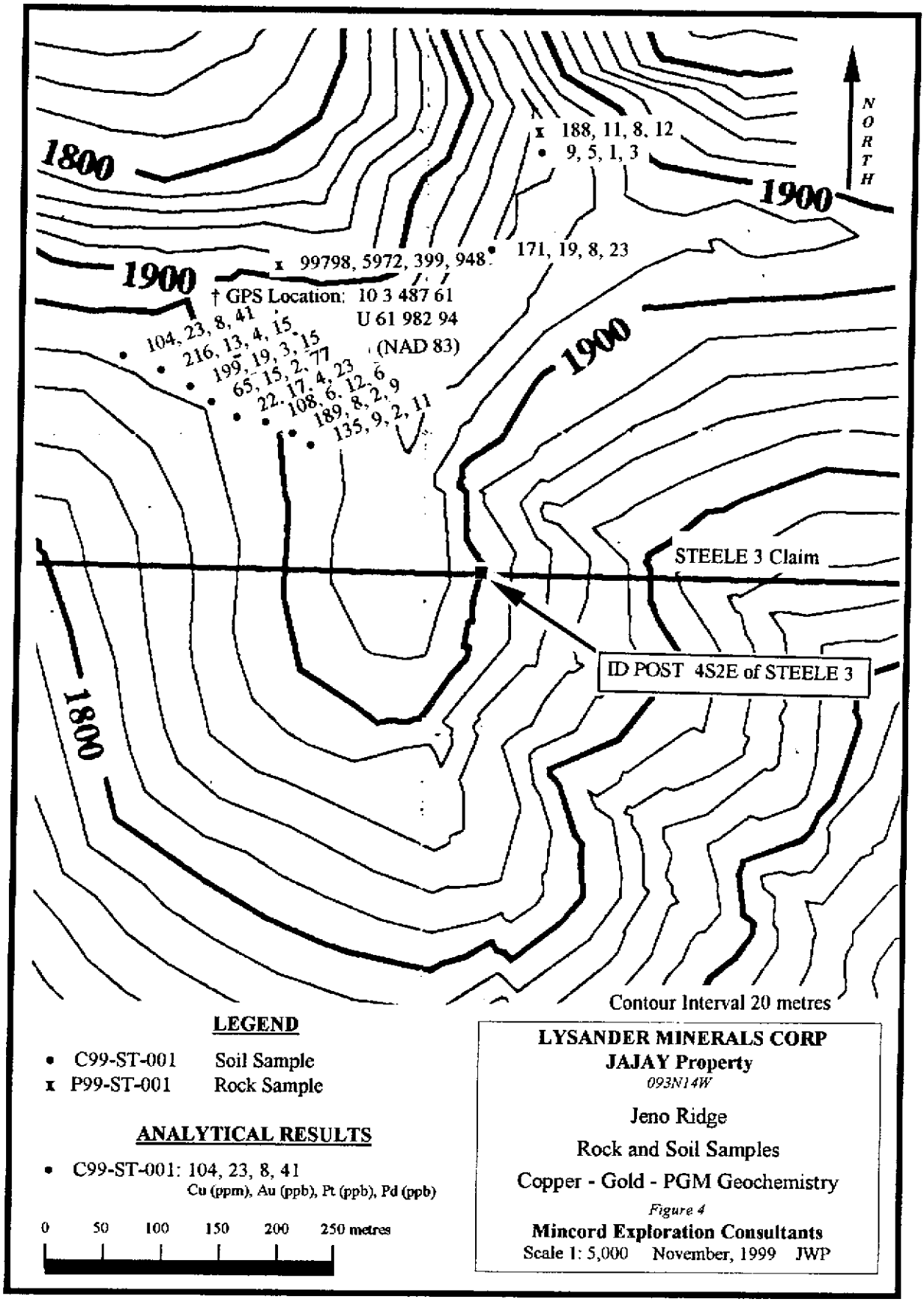
The 1999 field program was successful in finding mineralization at several different locations on the Lorraine property and follow-up exploration work is warranted at all of the sites visited.

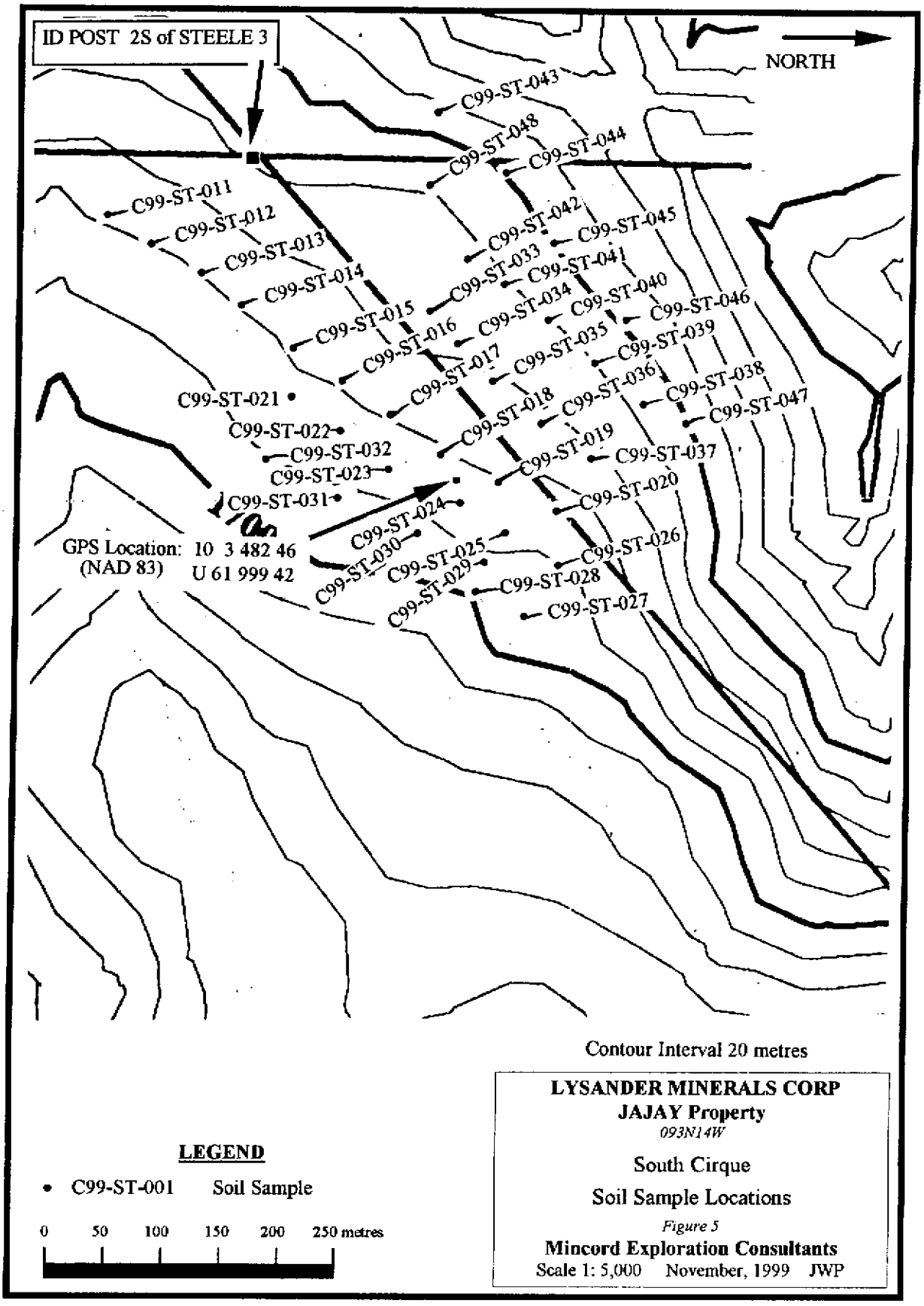
Geophysical surveys should be completed at the MacKenzie discovery, at the southern most cirque syenite showing on the Steele #3 claim and at the new copper – molybdenum discovery in the vicinity of samples C99-PAL-024 to 026 on the Steelhead 1 claim.

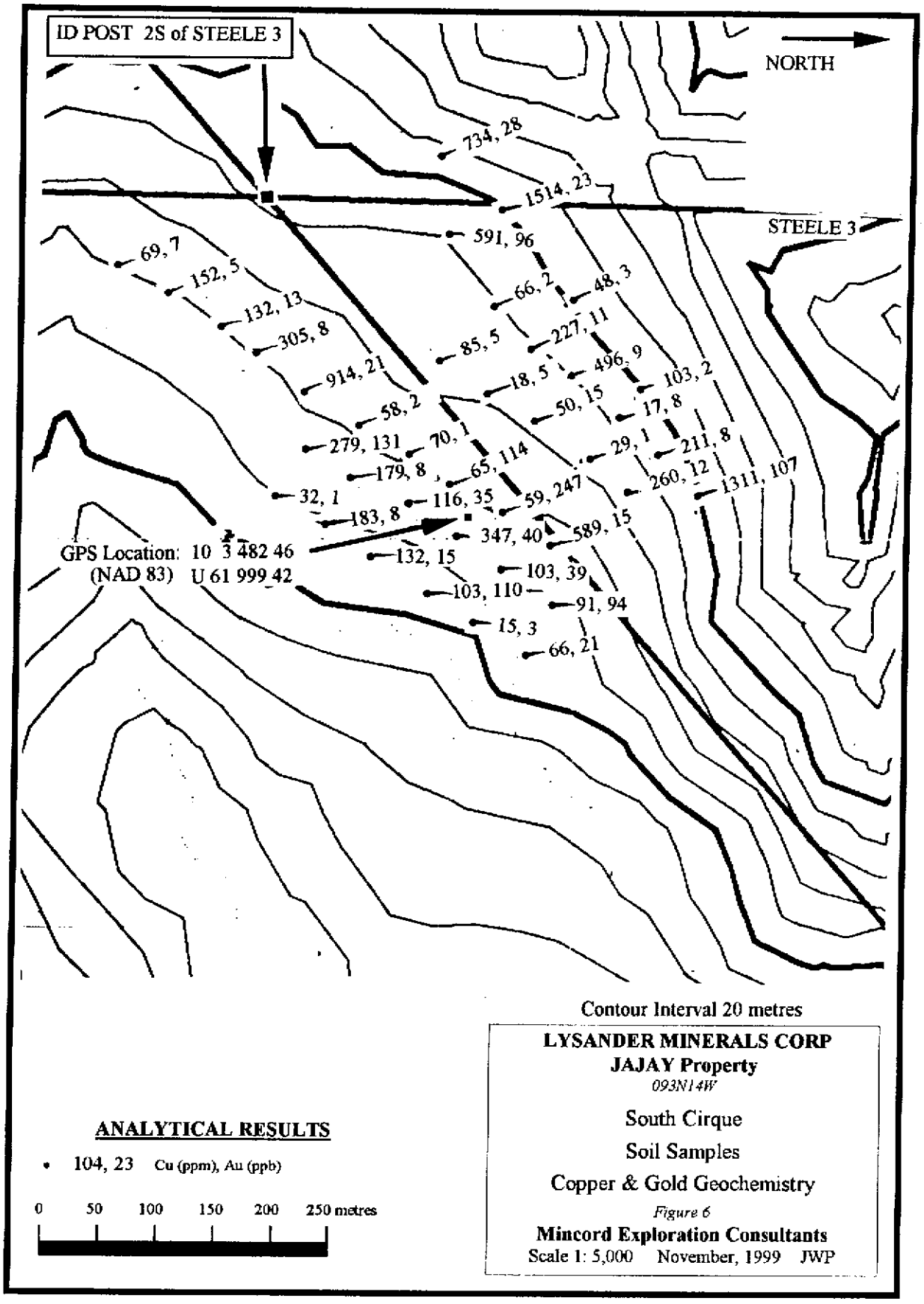
The cat road, which ends immediately below and to the south of the Elizabeth breccia, should be extended. A switchback should be constructed here going higher above the breccia by zigzagging back in a northern direction.

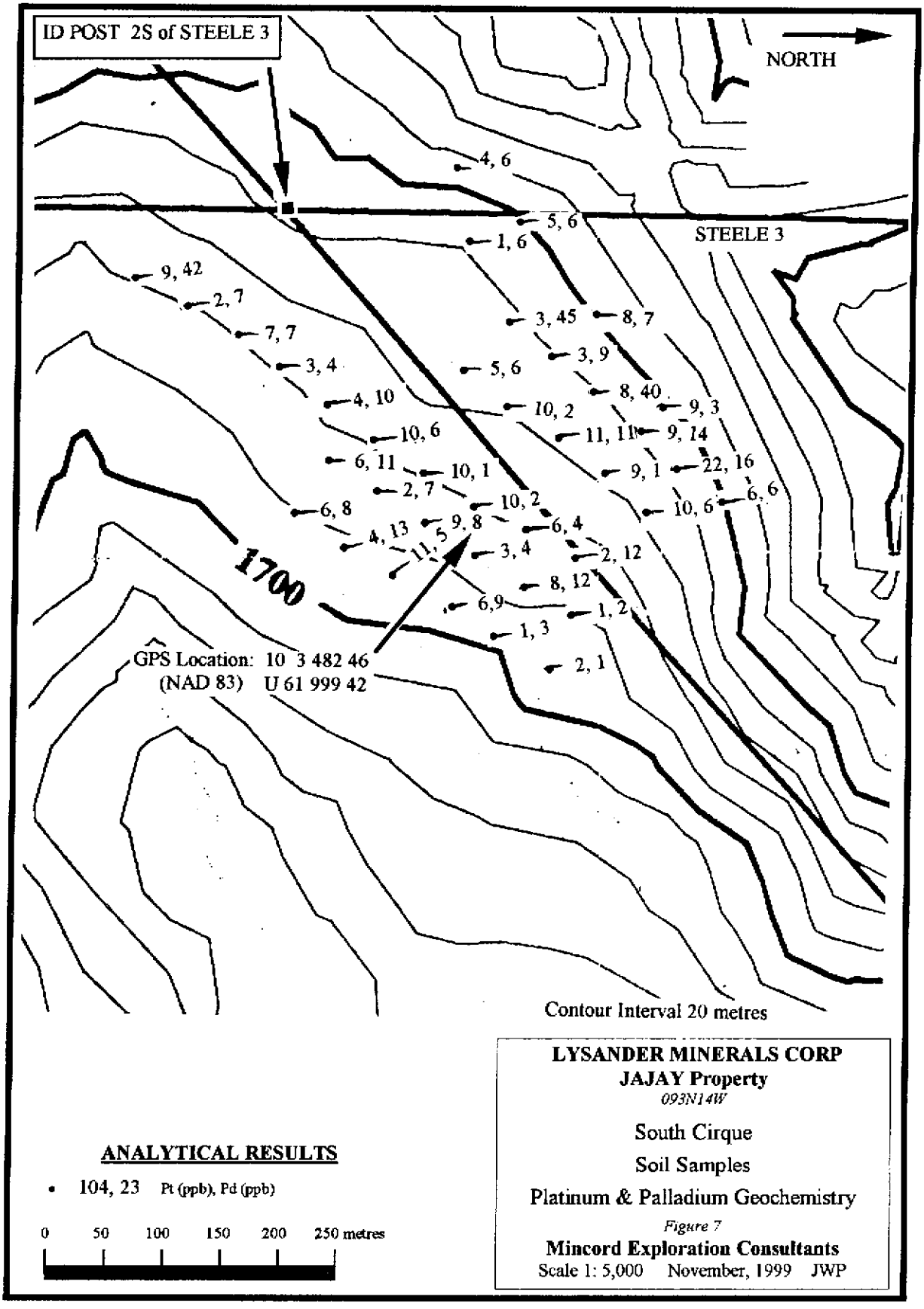
Diamond drill testing will be required to further evaluate all of these targets.

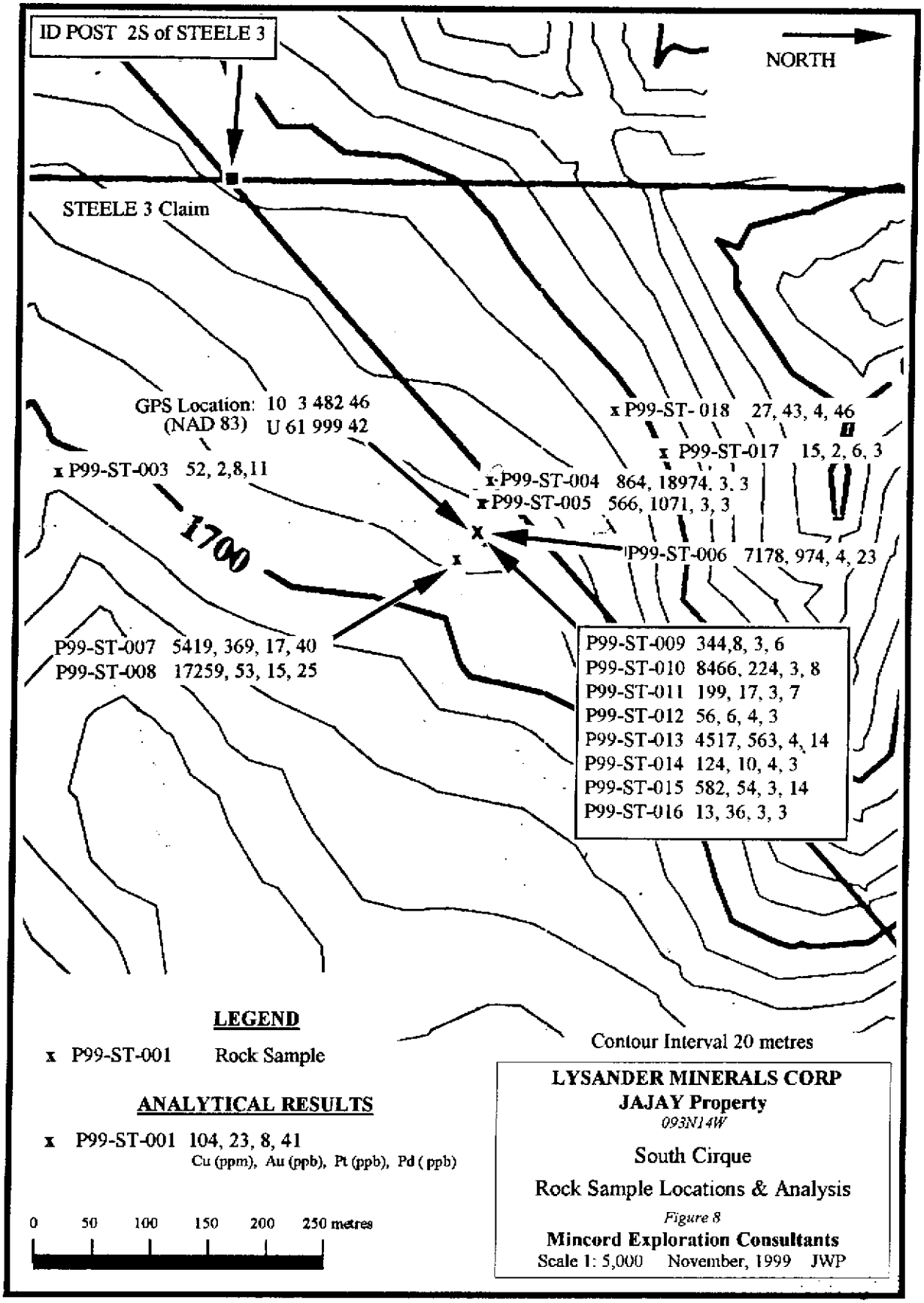

1800
1900
1900
1900
1800
N O R T H
x P99-ST-002
• C99-ST-010
x P99-ST-001
• C99-ST-009
† GPS Location: 10 3 487 61
U 61 982 94
(NAD 83)
C99-ST-001
C99-ST-002
C99-ST-003
C99-ST-004
C99-ST-005
C99-ST-006
C99-ST-007
C99-ST-008
STEELE 3 Claim
ID POST 4S2E of STEELE 3
Contour Interval 20 metres
LEGEND
• C99-ST-001 Soil Sample
x P99-ST-001 Rock Sample
0 50 100 150 200 250 metres
LYSANDER MINERALS CORP
JAJAY Property
093N14W
Jeno Ridge
Rock and Soil Sample Locations
Figure 3
Mincord Exploration Consultants
Scale 1: 5,000 November, 1999 JWP

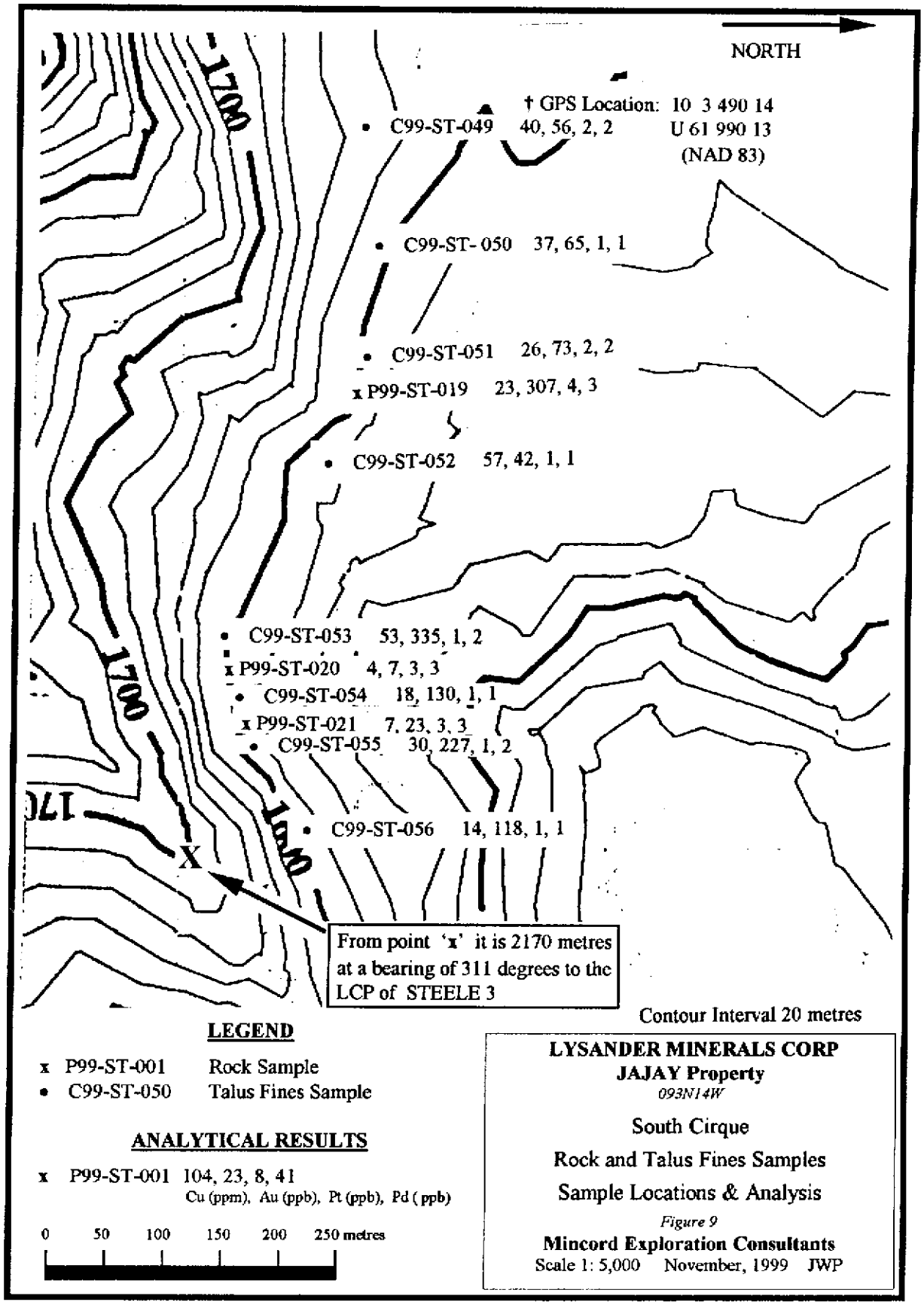

1800
1900
1900
1900
1800
NORTH
x 188, 11, 8, 12
• 9, 5, 1, 3
x 99798, 5972, 399, 948
• 171, 19, 8, 23
† GPS Location: 10 3 487 61
U 61 982 94
(NAD 83)
• 104, 23, 8, 41
• 216, 13, 4, 15
• 199, 19, 3, 15
• 65, 15, 2, 77
• 22, 17, 4, 23
• 108, 6, 12, 6
• 189, 8, 2, 9
• 135, 9, 2, 11
STEELE 3 Claim
ID POST 4S2E of STEELE 3
Contour Interval 20 metres
LEGEND
• C99-ST-001 Soil Sample
x P99-ST-001 Rock Sample
ANALYTICAL RESULTS
• C99-ST-001: 104, 23, 8, 41
Cu (ppm), Au (ppb), Pt (ppb), Pd (ppb)
0 50 100 150 200 250 metres
LYSANDER MINERALS CORP
JAJAY Property
093N14W
Jeno Ridge
Rock and Soil Samples
Copper - Gold - PGM Geochemistry
Figure 4
Mincord Exploration Consultants
Scale 1: 5,000 November, 1999 JWP

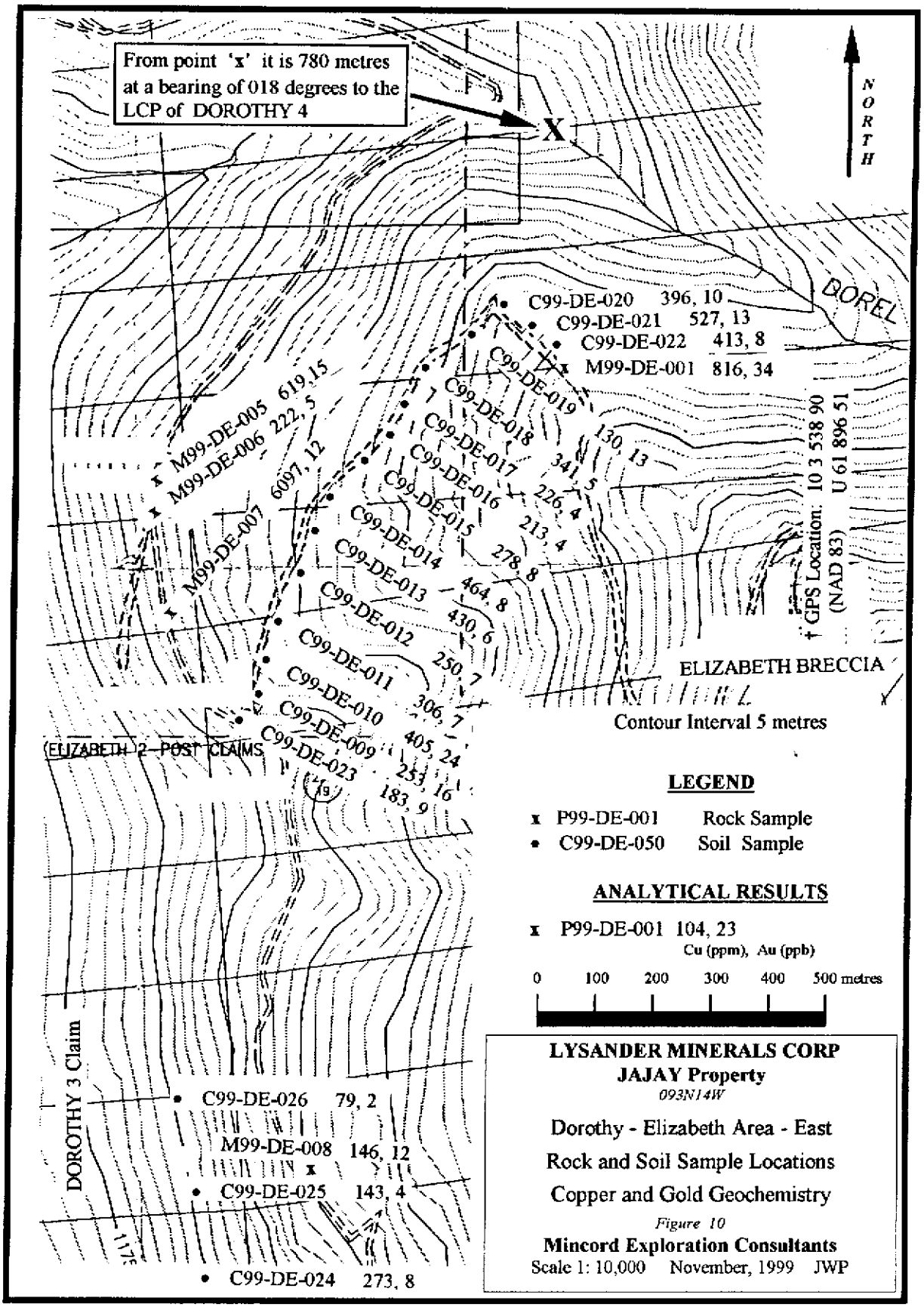

ID POST 2S of STEELE 3
NORTH
C99-ST-043
C99-ST-048
C99-ST-044
C99-ST-011
C99-ST-012
C99-ST-013
C99-ST-014
C99-ST-015
C99-ST-016
C99-ST-017
C99-ST-018
C99-ST-019
C99-ST-020
C99-ST-021
C99-ST-022
C99-ST-032
C99-ST-023
C99-ST-031
C99-ST-024
C99-ST-030
C99-ST-025
C99-ST-029
C99-ST-026
C99-ST-028
C99-ST-027
C99-ST-042
C99-ST-045
C99-ST-033
C99-ST-041
C99-ST-034
C99-ST-040
C99-ST-035
C99-ST-046
C99-ST-039
C99-ST-036
C99-ST-038
C99-ST-047
C99-ST-037
GPS Location: 10 3 482 46
(NAD 83) U 61 999 42
Contour Interval 20 metres
LEGEND
C99-ST-001 Soil Sample
0 50 100 150 200 250 metres
LYSANDER MINERALS CORP
JAJAY Property
093N14W
South Cirque
Soil Sample Locations
Figure 5
Mincord Exploration Consultants
Scale 1: 5,000 November, 1999 JWP

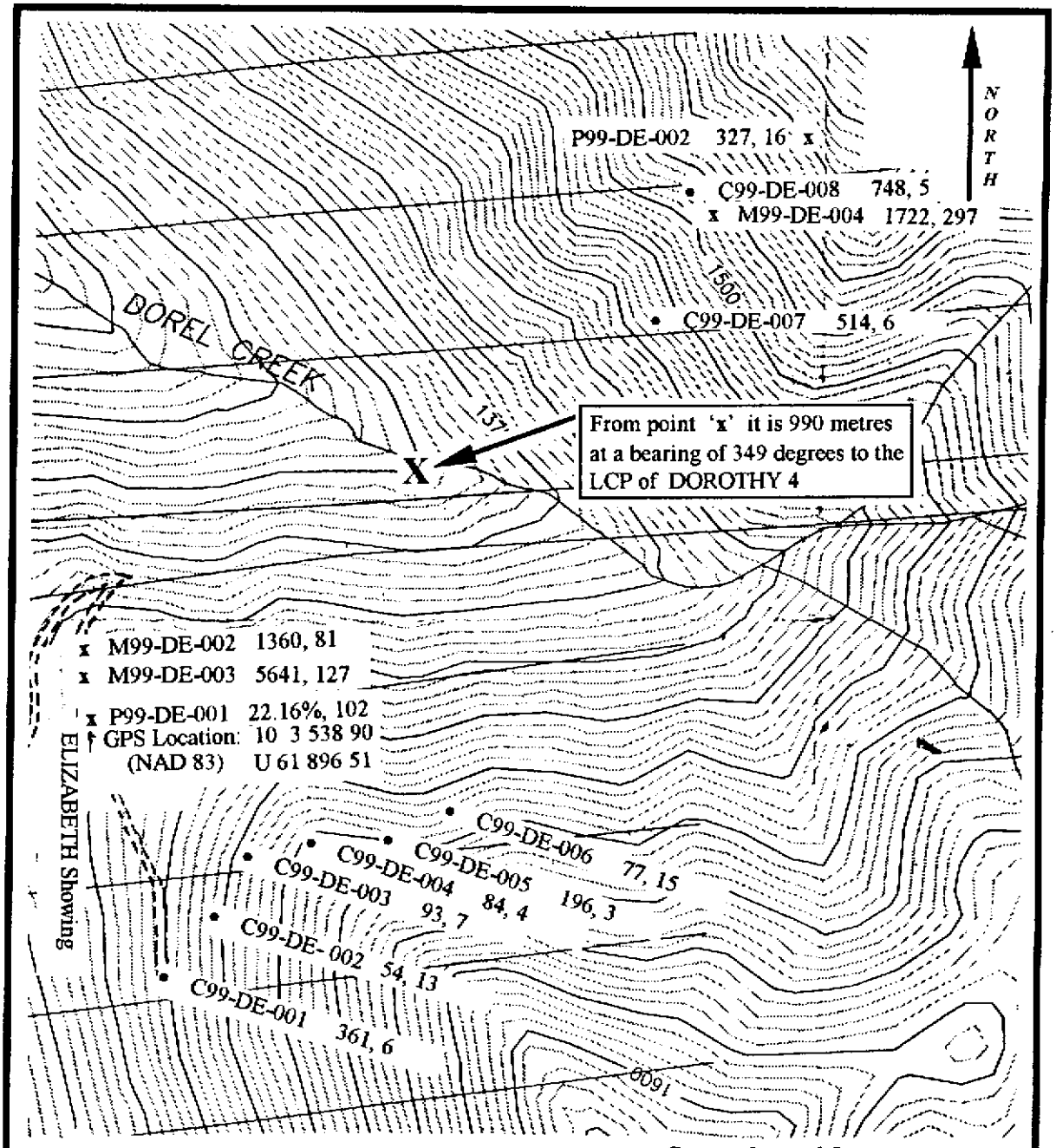

ID POST 2S of STEELE 3
NORTH
STEELE 3
734, 28
1514, 23
591, 96
69, 7
152, 5
132, 13
305, 8
914, 21
66, 2
48, 3
227, 11
85, 5
18, 5
496, 9
103, 2
50, 15
17, 8
58, 2
279, 131
70, 1
179, 8
65, 114
29, 1
211, 8
260, 12
1311, 107
32, 1
116, 35
59, 247
183, 8
347, 40
589, 15
GPS Location: 10 3 482 46
(NAD 83) U 61 999 42
132, 15
103, 39
103, 110
91, 94
15, 3
66, 21
Contour Interval 20 metres
LYSANDER MINERALS CORP
JAJAY Property
093N14W
South Cirque
Soil Samples
Copper & Gold Geochemistry
Figure 6
Mincord Exploration Consultants
Scale 1: 5,000 November, 1999 JWP
ANALYTICAL RESULTS
104, 23 Cu (ppm), Au (ppb)
0 50 100 150 200 250 metres


ID POST 2S of STEELE 3
NORTH
STEELE 3
4, 6
5, 6
1, 6
9, 42
2, 7
7, 7
3, 4
4, 10
10, 6
6, 11
2, 7
6, 8
4, 13
11, 5
9, 8
10, 1
10, 2
3, 4
6, 4
2, 12
8, 12
6,9
1, 2
1, 3
2, 1
3, 45
8, 7
3, 9
5, 6
8, 40
10, 2
9, 3
11, 11
9, 14
9, 1
22, 16
10, 6
6, 6
1700
GPS Location: 10 3 482 46
(NAD 83) U 61 999 42
Contour Interval 20 metres
ANALYTICAL RESULTS
• 104, 23 Pt (ppb), Pd (ppb)
0 50 100 150 200 250 metres
LYSANDER MINERALS CORP
JAJAY Property
093N14W
South Cirque
Soil Samples
Platinum & Palladium Geochemistry
Figure 7
Mincord Exploration Consultants
Scale 1: 5,000 November, 1999 JWP


ID POST 2S of STEELE 3
NORTH
STEELE 3 Claim
GPS Location: 10 3 482 46
(NAD 83) U 61 999 42
x P99-ST-003 52, 2,8,11
1700
x P99-ST- 018 27, 43, 4, 46
x P99-ST-017 15, 2, 6, 3
x P99-ST-004 864, 18974, 3, 3
x P99-ST-005 566, 1071, 3, 3
P99-ST-006 7178, 974, 4, 23
P99-ST-007 5419, 369, 17, 40
P99-ST-008 17259, 53, 15, 25
P99-ST-009 344,8, 3, 6
P99-ST-010 8466, 224, 3, 8
P99-ST-011 199, 17, 3, 7
P99-ST-012 56, 6, 4, 3
P99-ST-013 4517, 563, 4, 14
P99-ST-014 124, 10, 4, 3
P99-ST-015 582, 54, 3, 14
P99-ST-016 13, 36, 3, 3
LEGEND
x P99-ST-001 Rock Sample
ANALYTICAL RESULTS
x P99-ST-001 104, 23, 8, 41
Cu (ppm), Au (ppb), Pt (ppb), Pd (ppb)
0 50 100 150 200 250 metres
Contour Interval 20 metres
LYSANDER MINERALS CORP
JAJAY Property
093N14W
South Cirque
Rock Sample Locations & Analysis
Figure 8
Mincord Exploration Consultants
Scale 1: 5,000 November, 1999 JWP


NORTH
† GPS Location: 10 3 490 14
U 61 990 13
(NAD 83)
• C99-ST-049 40, 56, 2, 2
• C99-ST- 050 37, 65, 1, 1
• C99-ST-051 26, 73, 2, 2
x P99-ST-019 23, 307, 4, 3
• C99-ST-052 57, 42, 1, 1
• C99-ST-053 53, 335, 1, 2
x P99-ST-020 4, 7, 3, 3
• C99-ST-054 18, 130, 1, 1
x P99-ST-021 7, 23, 3, 3
• C99-ST-055 30, 227, 1, 2
• C99-ST-056 14, 118, 1, 1
1700
1700
1700
X
From point 'x' it is 2170 metres at a bearing of 311 degrees to the LCP of STEELE 3
Contour Interval 20 metres
LEGEND
x P99-ST-001 Rock Sample
• C99-ST-050 Talus Fines Sample
ANALYTICAL RESULTS
x P99-ST-001 104, 23, 8, 41
Cu (ppm), Au (ppb), Pt (ppb), Pd (ppb)
0 50 100 150 200 250 metres
LYSANDER MINERALS CORP
JAJAY Property
093N14W
South Cirque
Rock and Talus Fines Samples
Sample Locations & Analysis
Figure 9
Mincord Exploration Consultants
Scale 1: 5,000 November, 1999 JWP


From point 'x' it is 780 metres at a bearing of 018 degrees to the LCP of DOROTHY 4
X
NORTH
DOREL
C99-DE-020 396, 10
C99-DE-021 527, 13
C99-DE-022 413, 8
M99-DE-001 816, 34
C99-DE-019
C99-DE-018
C99-DE-017
C99-DE-016
C99-DE-015
C99-DE-014
C99-DE-013
C99-DE-012
C99-DE-011
C99-DE-010
C99-DE-009
C99-DE-023
M99-DE-005 619, 15
M99-DE-006 222, 5
6097, 12
M99-DE-007
130, 13
341, 5
226, 4
213, 4
278, 8
464, 8
430, 6
250, 7
306, 7
405, 24
253, 16
183, 9
+ GPS Location: 10 3 538 90 U 61 896 51 (NAD 83)
ELIZABETH BRECCIA
Contour Interval 5 metres
ELIZABETH 2 POST CLAIMS
DOROTHY 3 Claim
C99-DE-026 79, 2
M99-DE-008 146, 12
C99-DE-025 143, 4
C99-DE-024 273, 8
LEGEND
x P99-DE-001 Rock Sample
• C99-DE-050 Soil Sample
ANALYTICAL RESULTS
x P99-DE-001 104, 23
Cu (ppm), Au (ppb)
0 100 200 300 400 500 metres
LYSANDER MINERALS CORP
JAJAY Property
093N14W
Dorothy - Elizabeth Area - East
Rock and Soil Sample Locations
Copper and Gold Geochemistry
Figure 10
Mincord Exploration Consultants
Scale 1: 10,000 November, 1999 JWP



Contour Interval 5 metres

LEGEND

x P99-DE-001 Rock Sample
• C99-DE-050 Soil /Talus fines Sample

ANALYTICAL RESULTS

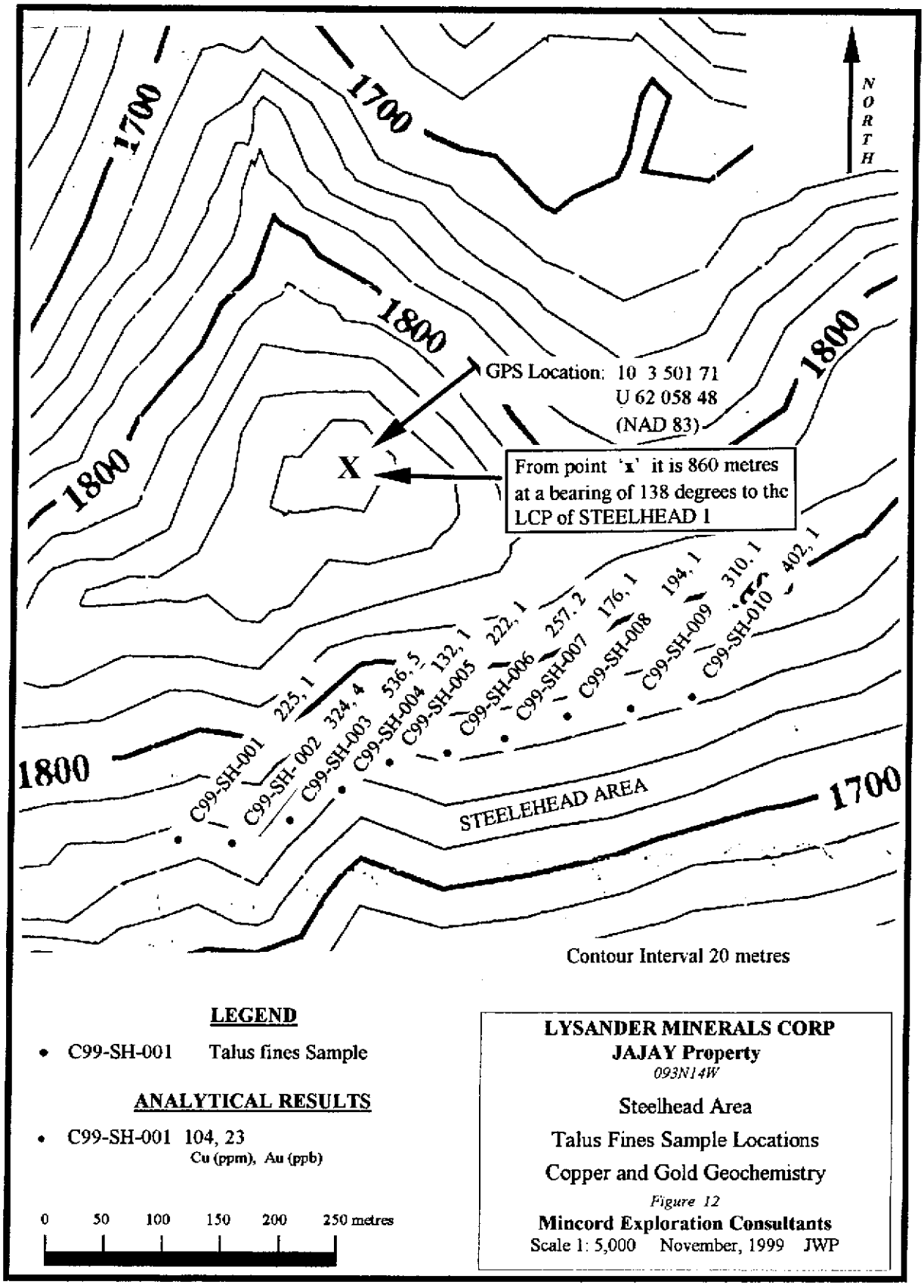
x P99-DE-001 104, 23
Cu (ppm), Au (ppb)

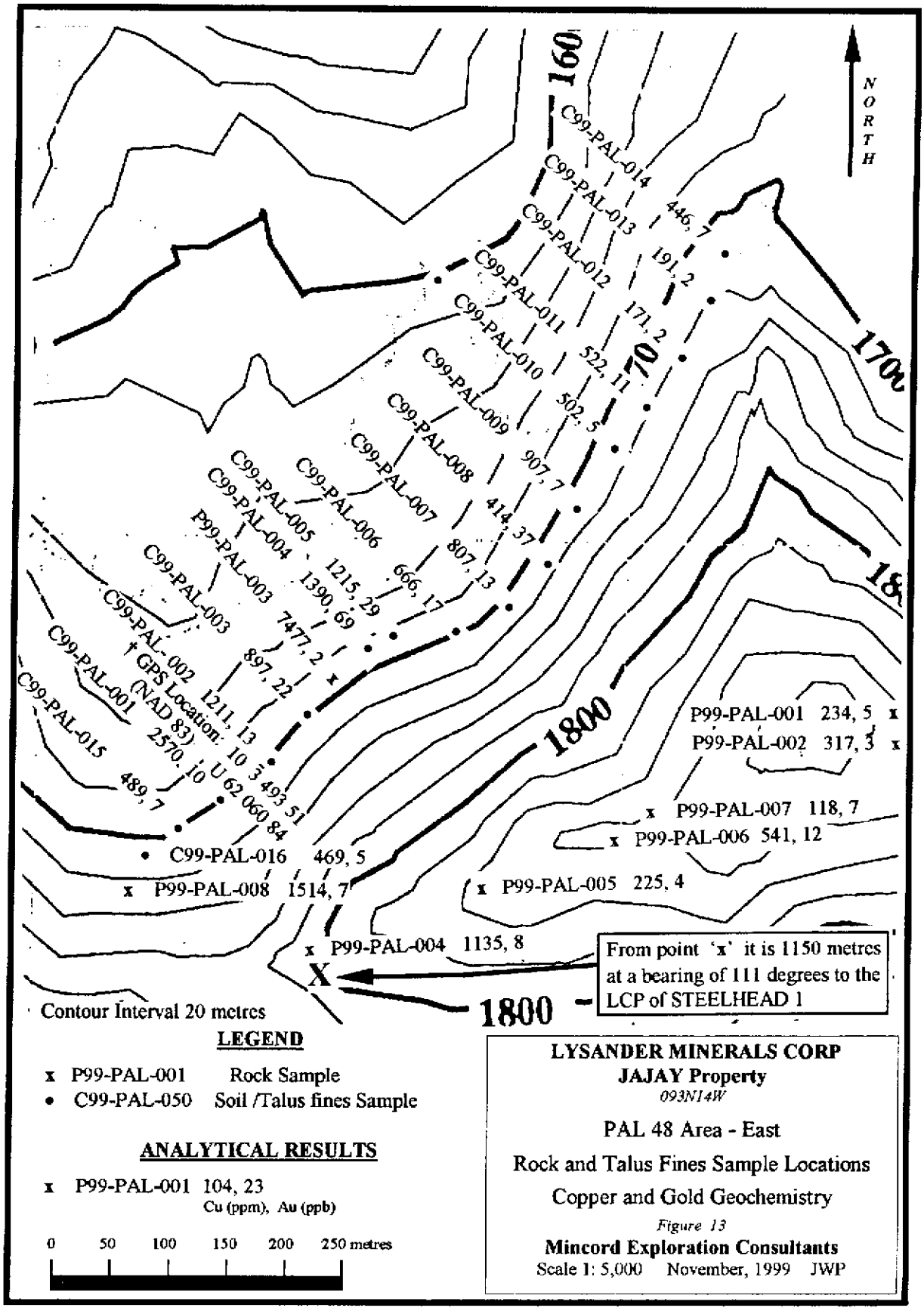
0 100 200 300 400 500 metres

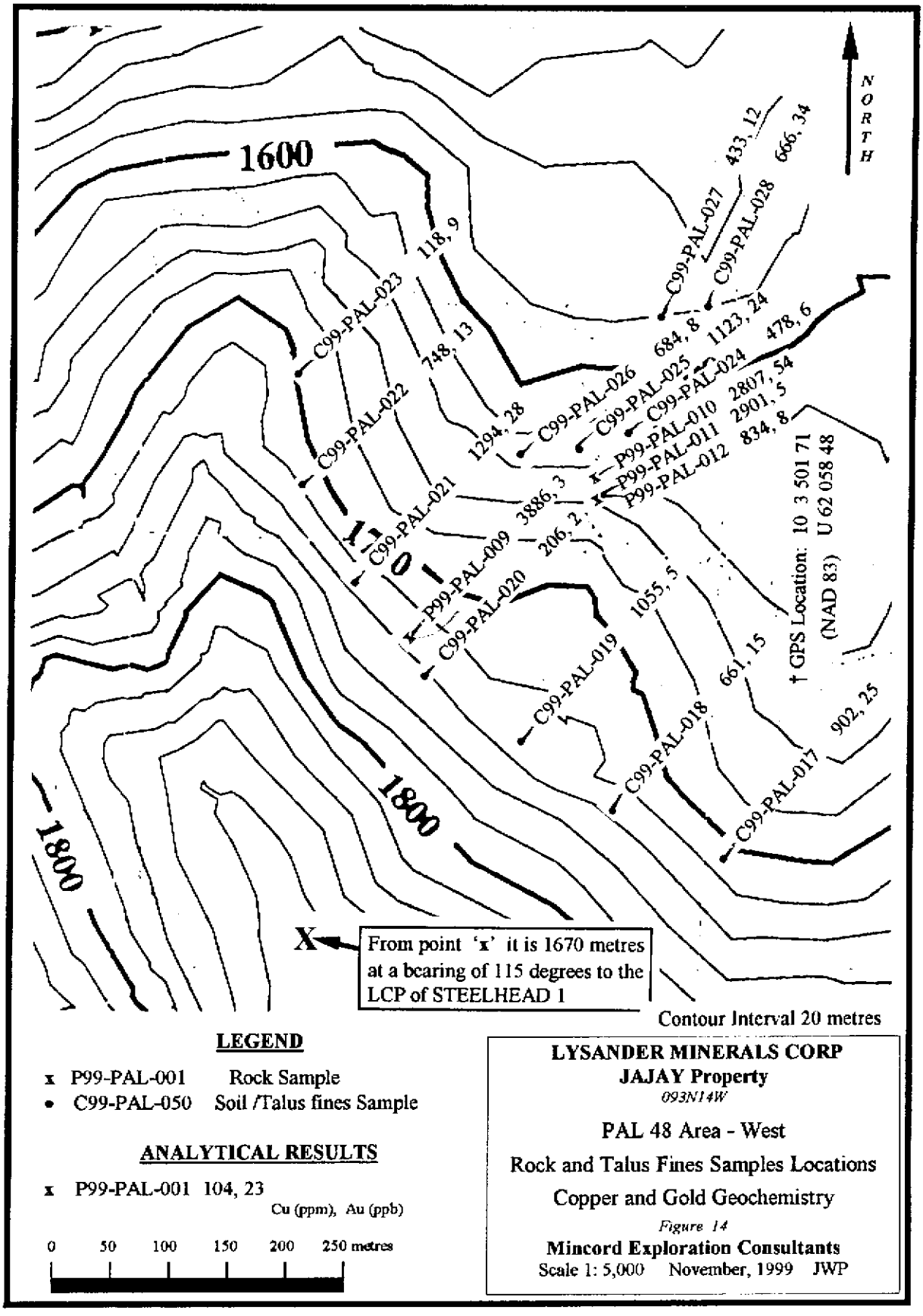
LYSANDER MINERALS CORP
JAJAY Property
093N14W

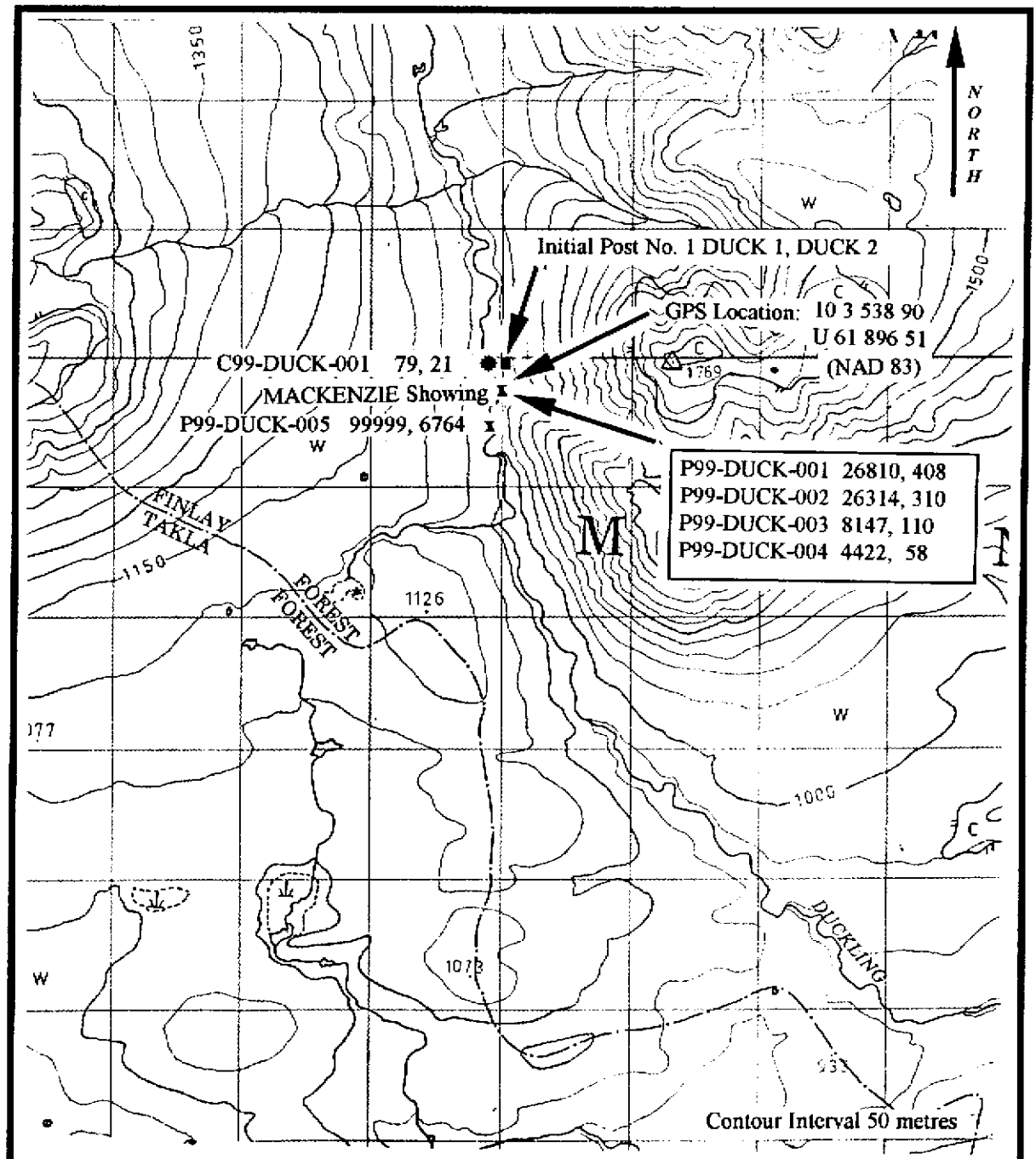
Dorothy - Elizabeth Area - West
Rock and Soil Sample Locations
Copper and Gold Geochemistry

Figure 11
Mincord Exploration Consultants
Scale 1: 10,000 November, 1999 JWP


1700
1700
1800
1800
1800
1800
1700
NORTH
GPS Location: 10 3 501 71
U 62 058 48
(NAD 83)
X
From point 'x' it is 860 metres at a bearing of 138 degrees to the LCP of STEELHEAD 1
C99-SH-001
C99-SH-002
C99-SH-003
C99-SH-004
C99-SH-005
C99-SH-006
C99-SH-007
C99-SH-008
C99-SH-009
C99-SH-010
225, 1
324, 4
536, 5
132, 1
222, 1
257, 2
176, 1
194, 1
310, 1
402, 1
STEELEHEAD AREA
Contour Interval 20 metres
LEGEND
• C99-SH-001 Talus fines Sample
ANALYTICAL RESULTS
• C99-SH-001 104, 23
Cu (ppm), Au (ppb)
0 50 100 150 200 250 metres
LYSANDER MINERALS CORP
JAJAY Property
093N14W
Steelhead Area
Talus Fines Sample Locations
Copper and Gold Geochemistry
Figure 12
Mincord Exploration Consultants
Scale 1: 5,000 November, 1999 JWP


NORTH
1600
1700
1800
C99-PAL-014
C99-PAL-013
C99-PAL-012
C99-PAL-011
C99-PAL-010
C99-PAL-009
C99-PAL-008
C99-PAL-007
C99-PAL-006
C99-PAL-005
C99-PAL-004
C99-PAL-003
C99-PAL-002
C99-PAL-001
C99-PAL-015
C99-PAL-016
446, 7
191, 2
171, 2
522, 11
502, 5
907, 7
414, 37
807, 13
666, 17
1215, 29
1390, 69
7477, 2
897, 22
1211, 13
2570, 10
489, 7
469, 5
P99-PAL-008 1514, 7
P99-PAL-004 1135, 8
P99-PAL-005 225, 4
P99-PAL-006 541, 12
P99-PAL-007 118, 7
P99-PAL-002 317, 3
P99-PAL-001 234, 5
† GPS Location (NAD 83) 10 U 493 51 62 060 84
From point 'x' it is 1150 metres at a bearing of 111 degrees to the LCP of STEELHEAD 1
Contour Interval 20 metres
LEGEND
x P99-PAL-001 Rock Sample
• C99-PAL-050 Soil /Talus fines Sample
ANALYTICAL RESULTS
x P99-PAL-001 104, 23
Cu (ppm), Au (ppb)
0 50 100 150 200 250 metres
LYSANDER MINERALS CORP
JAJAY Property
093N14W
PAL 48 Area - East
Rock and Talus Fines Sample Locations
Copper and Gold Geochemistry
Figure 13
Mincord Exploration Consultants
Scale 1: 5,000 November, 1999 JWP


NORTH
1600
1800
1800
1710
C99-PAL-027
C99-PAL-028
C99-PAL-023
C99-PAL-022
C99-PAL-021
C99-PAL-026
C99-PAL-025
C99-PAL-024
P99-PAL-010
P99-PAL-011
P99-PAL-012
P99-PAL-009
C99-PAL-020
C99-PAL-019
C99-PAL-018
C99-PAL-017
433, 12
666, 34
118, 9
748, 13
1294, 28
684, 8
1123, 24
478, 6
2807, 54
2901, 5
834, 8
3886, 3
206, 2
1055, 5
661, 15
902, 25
† GPS Location: 10 3 501 71 U 62 058 48 (NAD 83)
X
From point 'x' it is 1670 metres at a bearing of 115 degrees to the LCP of STEELHEAD 1
Contour Interval 20 metres
LEGEND
x P99-PAL-001 Rock Sample
• C99-PAL-050 Soil /Talus fines Sample
ANALYTICAL RESULTS
x P99-PAL-001 104, 23
Cu (ppm), Au (ppb)
0 50 100 150 200 250 metres
LYSANDER MINERALS CORP
JAJAY Property
093N14W
PAL 48 Area - West
Rock and Talus Fines Samples Locations
Copper and Gold Geochemistry
Figure 14
Mincord Exploration Consultants
Scale 1: 5,000 November, 1999 JWP



LEGEND

x P99-DUCK-001 Rock Sample

● C99-DUCK-001 Stream Sediment Sample

ANALYTICAL RESULTS

x P99-DUCK-001 104, 23
Cu (ppm), Au (ppb)

0 500 1000 1500 2000 2500 metres

LYSANDER MINERALS CORP
JAJAY Property
093N14W

MacKenzie Showing

Rock & Stream Sediment Sample Locations

Copper and Gold Geochemistry

Figure 15

Mincord Exploration Consultants
Scale 1: 50,000 November, 1999 JWP

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COST STATEMENT

J. Page P.Geo	Aug 11 - Aug 31	22 days @ $450	$9,990
	Sept 1 - 13	13 days @ $450	5,850
	Nov 1 - 2	2 days @ $450	900
J.W. Morton P.Geo	Aug 20 - 24	5 days @ $450	2,250
	Sept 10	1 days @ $450	450
	Sept 29 - 30	2 days @ $450	900
	Oct 1 - 2	2 days @ $450	900
J.P Charbonneau	Aug 10 - Aug 31	23 days @ $250	5,750
	Sept 1 - 3	3 days @ $250	750
	Oct 1	1 day @ $250	250
Mike Mustard	Sept 29 - 30	2 days @ $250	500
	Oct 1	1 day @ $250	250
Commercial Airfares:	Vancouver-Prince George Rtn		401
	Vancouver-Smithers Rtn		738
Camp Rental	23 days @ $100		2,300
Consumables and Field Equipment			1,700
Truck rental			2,650
Hotel			1,434
Expense accounts (includes some fuel)			866
Fuel (not in expense accounts)			225
Freight			269
Drafting supplies			41
Telephone			91
Helicopter	15.5 hours @ $847		13,129
Analysis of 169 soil and rock samples (30 element ICP with additional gold and platinum group metal determinations)			2,535
TOTAL			**$55,119**

Certificate of Qualifications

I, **Jay W. Page**, hereby certify that:

I am a graduate of the University of British Columbia, holding a B.A. in Geography/Geomorphology (1977) and a B.Sc. in Geology (1984).

I am a registered member, in good standing as a Professional Geoscientist, with the Association of Professional Engineers and Geoscientists of the Province of British Columbia, registration number 19596.

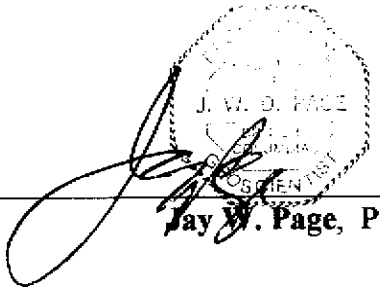
I have been employed in mining exploration since 1977 by Placer Development Ltd., D.G. Leighton & Associates Ltd., Bema Industries Ltd., AGIP Canada Ltd., Beaty Geological Ltd., Westex Exploration Ltd., and Mincord Exploration Consultants Ltd.

I have visited the JAJAY property, and I supervised the 1999 exploration program described in this report.

I have no interest, direct or indirect, financial or otherwise in Lysander Minerals Corp. or any of their assets including mineral properties, nor do I expect to receive any.

I give my consent to Lysander Minerals Corp. to use this report in a company prospectus, statement of material facts or other public document.

Signed this **14th** day of **December, 1999** in the District of **Coldstream, British Columbia**.



Jay W. Page, P.Geo.

APPENDIX 1

Sample Descriptions

JAJAY PROJECT 1999
ROCK SAMPLES

SAMPLE NUMBER	LOCATION / CLAIM / AREA	SAMPLE TYPE	SAMPLER / DATE	DESCRIPTION / NOTES
STEELE 3 - JENO RIDGE				
P99-ST-001	STEELE 3 - Jeno Ridge @ 1905m elevation.	Grab sample of BM breccia outcrop	JWP 15/8/99	Syenite breccia, showing intense biotite and k-feldspar alteration, locally contains up to 30% bornite with intense malachite development. Breccia matrix includes k-feldspar crystals to several cm, suggesting growth under high vapour/volatile pressure.
P99-ST-002	STEELE 3 - Jeno Ridge @ 1940m elevation.	Grab sample of outcrop	JWP 15/8/99	Hematitic breccia from ridge top.
STEELE 3 - SOUTH CIRQUE				
P99-ST-003	STEELE 3 - south side of south cirque @ ~1700m elevation.	Grab sample of outcrop	JWP 16/8/99	Limonitic/siderific zone (+/-sheer?) of altered biotite-magnetite syenite.
P99-ST-004	STEELE 3 - north side of south cirque @ 1740m elevation.	Grab sample of float, close to source.	JWP 16/8/99	Quartz vein, 6-8 cm thick, contains 1-2% rust boxwork, minor bornite, malachite, chalcopyrite. Hosted by gossenous soil zone/sheer trending @ 80 and ~3-4 m. wide as exposed by creek.
P99-ST-005	STEELE 3 - north side of south cirque @ 1740m elevation.	Grab sample of outcrop, as exposed by stream.	JWP 16/8/99	Rusty-weathering, limonitic & silicified host (syenite?) for sheer with small quartz veinlets carrying minor pyrite and chalcopyrite.
P99-ST-006	STEELE 3 - north side of south cirque @ 1735-1740m elevation.	Grab sample of outcrop	JWP 16/8/99	Grey, medium-grained, biotite-pyroxene-magnetite syenite containing disseminated & fracture controlled blebs of bornite. Malachite stain in weathering rind.
P99-ST-007	STEELE 3 - north side of south cirque @ 1710m elevation.	Grab sample of outcrop	JWP 17/8/99	Homolithic syenite breccia with magnetite matrix and malachite staining. Small area exposed: 1 x 0.5 m.
P99-ST-008	STEELE 3 - north side of south cirque @ 1710m elevation.	Grab sample of outcrop	JWP 17/8/99	Coarse-grained pink biotite-syenite with malachite staining. Adjacent to, and could be host to, breccia described by P7 above.
P99-ST-009	STEELE 3 - north side of south cirque @ 1715m elevation.	Grab sample of outcrop	JWP 17/8/99	Medium-grained grey to grey-pink biotite-syenite with minor blebs of pyrite, +/- trace chalcopyrite? mineralized area is just a small patch, not typical.
P99-ST-010	STEELE 3 - north side of south cirque @ 1720m elevation.	Grab sample of subcrop	JWP 17/8/99	Grey syenite with tiny blebs of pyrite +/- chalcopyrite, similar to P9 above.
P99-ST-011	STEELE 3 - north side of south cirque @ 1735-1740m elevation.	Grab sample of outcrop	JWP 18/8/99	Pink-grey biotite-pyroxene syenite from upper part of o/c of sample P6, sample has less magnetite and little visible sulphide mineralization.
P99-ST-012	STEELE 3 - north side of south cirque @ 1735-1740m elevation.	Grab sample of outcrop	JWP 18/8/99	Pink-grey biotite-pyroxene syenite from lower part of o/c of sample P6, sample has several % magnetite and no visible sulphide mineralization. Syenite is coarser-grained and more pink coloured than P6.

JAJAY PROJECT 1999
ROCK SAMPLES

SAMPLE NUMBER	LOCATION / CLAIM / AREA	SAMPLE TYPE	SAMPLER / DATE	DESCRIPTION / NOTES
P99-ST-013	STEELE 3 - north side of south cirque @ 1735-1740m elevation.	Grab sample of outcrop	JWP 18/8/99	Pink-grey biotite-pyroxene syenite from northwest corner of o/c of sample P6, sample is epidote-altered and contains minor disseminated pyrite and is malachite stained.
P99-ST-014	STEELE 3 - north side of south cirque @ 1740m elevation.	Grab sample of outcrop	JWP 18/8/99	Pink-grey syenite with prominent biotite books, trace of disseminated pyrite.
P99-ST-015	STEELE 3 - north side of south cirque @ 1730m elevation.	Grab sample of subcrop	JWP 18/8/99	Medium-grained, grayish-pink, biotite chlorite-altered-pyroxene syenite with minor pyrite, bornite and malachite.
P99-ST-016	STEELE 3 - north side of south cirque @ 1720m elevation.	Grab sample of outcrop	JWP 18/8/99	Fine-grained pink syenite with 1% disseminated, tiny pyrite cubes.
P99-ST-017	STEELE 3 - north side of south cirque @ 1790m elevation.	Grab sample of outcrop	JWP 19/8/99	Rusty-weathering siliceous breccia, 0.5m wide, 110/85S. weathered surfaces show siliceous rims on syenite(?) fragments. but no quartz veining.
P99-ST-018	STEELE 3 - north side of south cirque @ location of talus fines sample 104153	Grab sample of float	JWP 19/8/99	Bits of cream-coloured, siliceous rock with weathered-out pyrite boxwork.
P99-ST-019	STEELE 3 - southern talus slope	Grab of talus	JWP 20/8/99	Rusty-weathering syenite with disseminated pyrite and quartz vein.
P99-ST-020	STEELE 3 - southern talus slope	Grab of talus	JWP 20/8/99	Rusty-weathering syenite with disseminated pyrite. Syenite is k-feldspar rich.
P99-ST-021	STEELE 3 - southern talus slope	Grab of talus	JWP 20/8/99	Rusty-weathering syenite breccia with tiny carbonate veinlets.
DOROTHY - ELIZABETH AREA				
P99-DE-001	DOROTHY 4 - Elizabeth breccia area	Grab of talus	JWP 22/8/99	Syenite breccia with bornite (+/-chalcocite) -malachite matrix.
P99-DE-002	DOROTHY 3	Grab sample of outcrop	JWP 22/8/99	Biotite-altered intrusive (diorite?) with minor pyrite, trace chalcopyrite and lots of magnetite.
M99-DE-001	DOROTHY 4 - road-cut	Grab sample of outcrop	BM 22/8/99	Dark-coloured, biotite rich intrusive rock containing up to 5% pyrite +/- chalcopyrite.
M99-DE-002	DOROTHY 4 - Elizabeth breccia area	Grab sample of outcrop	BM 22/8/99	Bleached, clay-altered with relic magnetite and black amorphous blebs.
M99-DE-003	DOROTHY 4 - Elizabeth breccia area	Grab sample of outcrop	BM 22/8/99	Bleached, clay-altered rock as above, but more siliceous. Contains black copper/manganese (?) wad.
M99-DE-004	DOROTHY 3	Grab sample of float	BM 22/8/99	Mafic-rich syenite, malachite stain, only one piece from blow-down. Lots of pink K-feldspar and manganese stain on float in this area.

JAJAY PROJECT 1999
ROCK SAMPLES

SAMPLE NUMBER	LOCATION / CLAIM / AREA	SAMPLE TYPE	SAMPLER / DATE	DESCRIPTION / NOTES
M99-DE-005	DOROTHY 4 - road-cut	Grab sample of over grown talus, local source	BM 23/8/99	Diorite with 2% pyrite, minor chalcopyrite, and a trace bornite, cut by quartz-feldspar veinlet.
M99-DE-006	DOROTHY 4 - road-cut	Grab sample of over grown talus, local source	BM 23/8/99	K-feldspar altered syenite with patchy silicification and "blue' colour. Contains several % pyrite, minor chalcopyrite and bornite, also perhaps chalcocite as fracture coatings. Sulphides are fracture controlled.
M99-DE-007	DOROTHY 4 - road-cut	Grab sample of outcrop	BM 23/8/99	Diorite with 1-2 % pyrite and trace chalcopyrite. Minor silicification.
M99-DE-008	DOROTHY 4 - road-cut	Grab sample of outcrop	BM 23/8/99	Coarse-grained biotite syenite with large biotite books, lots of magnetite and minor bornite.
PAL 48 CLAIMS				
P99-PAL-001	PAL 48 - southeast ridge top	Grab sample of outcrop	JWP 26/8/99	Rusty-weathering grey syenite with minor pyrite and a trace of chalcopyrite introduced with quartz vein.
P99-PAL-002	PAL 48 - southeast ridge top	Grab sample of outcrop	JWP 26/8/99	Rusty-weathering grey syenite with 2% pyrite and 1% magnetite. Fracture control of pyrite.
P99-PAL-003	PAL 48 - southeast talus slope	Grab sample of talus	JWP 27/8/99	Malachite stained pink syenite.
P99-PAL-004	STEELEHEAD 1 - ridge top	Grab sample of outcrop	JWP 28/8/99	Grey/pink syenite fault breccia, epidote alteration, hematite matrix, minor malachite staining.
P99-PAL-005	STEELEHEAD 1 - ridge top	Grab sample of outcrop	JWP 28/8/99	Mafic-rich grey syenite with K-feldspar vein and replacement envelope containing possible small specks of bornite.
P99-PAL-006	STEELEHEAD 1 - ridge top	Grab sample of outcrop	JWP 28/8/99	Bleached, sericite chlorite-altered grey syenite with minor disseminated and fracture fillings of pyrite. Possible trace of chalcopyrite.
P99-PAL-007	STEELEHEAD 1 - ridge top	Grab sample of outcrop	JWP 28/8/99	Mafic-rich syenite with disseminated specks of pyrite and possible bornite.
P99-PAL-008	STEELEHEAD 1 - Talus slope of cirque @ 1720m elevation.	Grab sample of talus	JWP 28/8/99	Silicified syenite (?) breccia with vuggy quartz, 1% pyrite as disseminated blebs and stringers and minor chalcopyrite.
P99-PAL-009	PAL 48 - southwest talus slope @ 1730m elevation.	Grab sample of talus	JWP 28/8/99	Syenite with 1-2 cm pink K-feldspar vein and many malachite-covered blebs disseminated in alteration envelope.
P99-PAL-010	PAL 48 - southwest slope near camp @ 1640m elevation	Grab sample of talus, 10-15m down slope from source.	JWP 29/8/99	K-feldspar rich (altered?) syenite(?) with disseminated and fracture-fillings of pyrite, chalcopyrite and molybdenite rosettes.

JAJAY PROJECT 1999
ROCK SAMPLES

SAMPLE NUMBER	LOCATION / CLAIM / AREA	SAMPLE TYPE	SAMPLER / DATE	DESCRIPTION / NOTES
P99-PAL-011	PAL 48 - southwest slope near camp @ 1645m elevation	Grab sample of outcrop	JWP 29/8/99	Outcrop (3m wide x 2m high) of potassic-altered coarse-grained intrusive containing a few percent of disseminated blebs pyrite, chalcopyrite and molybdenite. Magnetite forms blotches and vague stockworks.
P99-PAL-012	PAL 48 - southwest slope near camp @ 1645m elevation	Grab sample of outcrop	JWP 29/8/99	Same outcrop as above sample P11, sample is more potassic-altered and contains a 1 cm wide quartz vein
P99-OMINECA-001	Omineca Forestry Road 5.8 km past Omineca Bridge	Grab sample of outcrop	JWP 30/8/99	Limonitic, earthy material from sheer zone
P99-OMINECA-002	Omineca Forestry Road 5.8 km past Omineca Bridge	Grab sample of outcrop	JWP 30/8/99	Bleached and altered fine-grained intrusive, magnetite rich, minor quartz-carbonate veining.
MACKENZIE SHOWING				
P99-DUCK-001	DUCK 1 - Duckling Creek	1.8 metre Channel Sample	JWP 31/8/99	Channel sample across rubbly outcrop with up to 50% pyrite and extensive malachite staining. Patches up to 1-2 cm of chalcopyrite are found in the pyrite. Orientation unknown, best guess is a NE trend. Extensive K-feldspar alteration of host rocks.
P99-DUCK-002	DUCK 1 - Duckling Creek	Grab sample of outcrop	JWP 31/8/99	Sample taken 10m above P1. Very limonitic, massive pyrite in spots, disseminated and fracture control of chalcopyrite. Extensive malachite staining.
P99-DUCK-003	DUCK 1 - Duckling Creek	Grab sample of outcrop	JWP 31/8/99	Sample taken 10m above and 30m south of P1. again very limonitic, with massive pyrite in spots. A smaller zone: 1m x 3m . Extensive malachite staining.
P99-DUCK-004	DUCK 1 - Duckling Creek	Grab sample of outcrop	JWP 31/8/99	Sample taken 1m above P1. Host is very dark-coloured with pyrite veinlets, malachite staining.
P99-DUCK-005	DUCK 3 - Duckling Creek	Grab sample of outcrop	JWP 31/8/99	Massive sulphide lens at lower/downstream exposure from sample site P99-DUCK-001. Massive pyrite, very limonitic and in places earthy. Malachite and azurite staining. Lens is about 10m x 1m wide, varies 0.6m to 2m wide.

JAJAY PROJECT 1999
SOIL SAMPLES

SAMPLE NUMBER	LOCATION		SAMPLE DESCRIPTION			
	AREA	ELEVATION (m)	SLOPE	TYPE	DEPTH (cm)	COLOUR
C99-ST-001	STEELE #3 - Jeno Ridge	1890	15	soil	40	brown
C99-ST-002	STEELE #3 - Jeno Ridge	1890	15	soil	40	med. brown
C99-ST-003	STEELE #3 - Jeno Ridge	1890	15	soil	30	brown
C99-ST-004	STEELE #3 - Jeno Ridge	1890	15	soil	20	dark brown
C99-ST-005	STEELE #3 - Jeno Ridge	1890	15	soil	40	med. brown
C99-ST-006	STEELE #3 - Jeno Ridge	1890	20	soil	40	brown
C99-ST-007	STEELE #3 - Jeno Ridge	1900	20	soil	50	med. brown
C99-ST-008	STEELE #3 - Jeno Ridge	1900	20	soil	50	med brown
C99-ST-009	STEELE #3 - Jeno Ridge	1980	30	soil	50	brown
C99-ST-010	STEELE #3 - Jeno Ridge	1995	0	soil	25	light brown
C99-ST-011	South Cirque - Soil lines	1730	10	soil	50	dark brown
C99-ST-012	South Cirque - Soil lines	1730	25	soil	50	med. brown
C99-ST-013	South Cirque - Soil lines	1730	15	soil	30	brown
C99-ST-014	South Cirque - Soil lines	1730	15	soil	60	brown
C99-ST-015	South Cirque - Soil lines	1740	10	soil	20	brown
C99-ST-016	South Cirque - Soil lines	1740	5	soil	20	med. brown
C99-ST-017	South Cirque - Soil lines	1740	20	soil	30	brown
C99-ST-018	South Cirque - Soil lines	1740	10	soil	40	light brown
C99-ST-019	South Cirque - Soil lines	1730	10	soil	50	brown
C99-ST-020	South Cirque - Soil lines	1710	20	soil	40	med. brown
C99-ST-021	South Cirque - Soil lines	1730	32	soil	50	med brown
C99-ST-022	South Cirque - Soil lines	1730	30	soil	30	light brown
C99-ST-023	South Cirque - Soil lines	1730	20	soil	30	light brown
C99-ST-024	South Cirque - Soil lines	1720	25	soil	30	brown
C99-ST-025	South Cirque - Soil lines	1715	20	soil	30	light brown
C99-ST-026	South Cirque - Soil lines	1710	5	soil	30	dark brown
C99-ST-027	South Cirque - Soil lines	1690	28	soil	30	brown
C99-ST-028	South Cirque - Soil lines	1695	30	soil	40	green
C99-ST-029	South Cirque - Soil lines	1705	25	soil	40	brown
C99-ST-030	South Cirque - Soil lines	1710	25	soil	30	brown
C99-ST-031	South Cirque - Soil lines	1720	10	soil	30	brown
C99-ST-032	South Cirque - Soil lines	1720	10	soil	30	brown
C99-ST-033	South Cirque - Soil lines	1755	5	soil	40	brown-green
C99-ST-034	South Cirque - Soil lines	1760	10	soil	40	light brown
C99-ST-035	South Cirque - Soil lines	1755	10	soil	30	light brown
C99-ST-036	South Cirque - Soil lines	1750	30	soil	30	light green
C99-ST-037	South Cirque - Soil lines	1750	25	soil	30	light green
C99-ST-038	South Cirque - Soil lines	1770	30	soil	50	light green
C99-ST-039	South Cirque - Soil lines	1780	30	soil	30	light green
C99-ST-040	South Cirque - Soil lines	1770	25	soil	30	brown
C99-ST-041	South Cirque - Soil lines	1770	10	soil	30	light brown
C99-ST-042	South Cirque - Soil lines	1770	15	soil	50	light brown
C99-ST-043	South Cirque - North slope	1800	30	Talus Fines	20	brown
C99-ST-044	South Cirque - North slope	1800	20	Talus Fines	20	med. brown
C99-ST-045	South Cirque - North slope	1800	25	Talus Fines	30	brown
C99-ST-046	South Cirque - North slope	1800	45	Talus Fines	30	brown
C99-ST-047	South Cirque - North slope	1800	40	Talus Fines	40	brown
C99-ST-048	South Cirque - Gossen	1785	30	soil	40	maroon
C99-ST-049	South Cirque - South slope	1620		Talus Fines	30	brown
C99-ST-050	South Cirque - South slope	1600		Talus Fines	10	brown
C99-ST-051	South Cirque - South slope	1580		Talus Fines	30	brown
C99-ST-052	South Cirque - South slope	1575	25	Talus Fines	10	light brown

JAJAY PROJECT 1999
SOIL SAMPLES

SAMPLE NUMBER	LOCATION		SAMPLE DESCRIPTION			
	AREA	ELEVATION (m)	SLOPE	TYPE	DEPTH (cm)	COLOUR
C99-ST- 053	South Cirque - South slope	1575	35	Talus Fines	20	med. brown
C99-ST- 054	South Cirque - South slope	1570	30	Talus Fines	10	med. brown
C99-ST- 055	South Cirque - South slope	1575	32	Talus Fines	20	brown
C99-ST- 056	South Cirque - South slope	1575	40	Talus Fines	20	dark brown
C99-DE- 001	Dorothy-Elizabeth Area	1440	30	Talus Fines	30	light brown
C99-DE- 002	Dorothy-Elizabeth Area	1450	30	Talus Fines	40	light brown
C99-DE- 003	Dorothy-Elizabeth Area	1465	35	Talus Fines	20	light orange brown
C99-DE- 004	Dorothy-Elizabeth Area	1490	40	Talus Fines	30	orange brown
C99-DE- 005	Dorothy-Elizabeth Area	1495	30	Talus Fines	20	orange brown
C99-DE- 006	Dorothy-Elizabeth Area	1475	28	Talus Fines	50	orange brown
C99-DE- 007	Dorothy-Elizabeth Area	1465	32	Talus Fines	40	orange brown
C99-DE- 008	Dorothy-Elizabeth Area	1515	35	Talus Fines	20	orange brown
C99-DE- 009	Dorothy-Elizabeth Road cut	1250	25	Talus/soil	40	orange brown
C99-DE- 010	Dorothy-Elizabeth Road cut	1250	25	Talus/soil	40	orange brown
C99-DE- 011	Dorothy-Elizabeth Road cut	1250	28	Talus/soil	50	olive brown
C99-DE- 012	Dorothy-Elizabeth Road cut	1250	25	Talus/soil	40	orange brown
C99-DE- 013	Dorothy-Elizabeth Road cut	1260	15	Talus/soil	30	light olive brown
C99-DE- 014	Dorothy-Elizabeth Road cut	1265	30	Talus/soil	50	light brown
C99-DE- 015	Dorothy-Elizabeth Road cut	1270	15	Talus/soil	50	medium brown
C99-DE- 016	Dorothy-Elizabeth Road cut	1280	25	Talus/soil	40	brown
C99-DE- 017	Dorothy-Elizabeth Road cut	1295	25	Talus/soil	40	orange brown
C99-DE- 018	Dorothy-Elizabeth Road cut	1295	15	Talus/soil	30	orange brown
C99-DE- 019	Dorothy-Elizabeth Road cut	1305		Talus/soil	30	dark brown
C99-DE- 020	Dorothy-Elizabeth Road cut	1310	30	Talus/soil	40	med. olive brown
C99-DE- 021	Dorothy-Elizabeth Road cut	1315	25	Talus/soil	20	dark brown
C99-DE- 022	Dorothy-Elizabeth Road cut	1325	30	Talus/soil	40	orange brown
C99-DE- 023	Dorothy-Elizabeth Road cut	1255	15	Talus/soil	40	orange brown
C99-DE- 024	Dorothy-Elizabeth Area	1200	30	Seepage/soil	50	brown
C99-DE- 025	Dorothy-Elizabeth Area	1200	25	Seepage/soil	?	dark brown
C99-DE- 026	Dorothy-Elizabeth Area	1200	26	Seepage/soil	30	orange brown
C99-SH- 001	Steelhead	1760	30	Talus Fines	20	orange brown
C99-SH- 002	Steelhead	1755	28	Talus Fines	10	light brown
C99-SH- 003	Steelhead	1760	28	Talus Fines	20	brown
C99-SH- 004	Steelhead	1765	30	Talus Fines	40	brown
C99-SH- 005	Steelhead	1755	35	Talus Fines	60	brown
C99-SH- 006	Steelhead	1760	24	Talus Fines	30	med. orange brown
C99-SH- 007	Steelhead	1765	36	Talus Fines	30	orange brown
C99-SH- 008	Steelhead	1765	30	Talus Fines	40	light orange brown
C99-SH- 009	Steelhead	1770	28	Talus Fines	30	brown
C99-SH- 010	Steelhead	1770	25	Talus Fines	40	medium brown
C99-PAL- 001	PAL 48 Claim	1700	38	Talus Fines	30	dark brown
C99-PAL- 002	PAL 48 Claim	1700	45	Talus Fines	30	dark brown
C99-PAL- 003	PAL 48 Claim	1705	45	Talus Fines	40	dark brown
C99-PAL- 004	PAL 48 Claim	1710	45	Talus Fines	10	dark brown
C99-PAL- 005	PAL 48 Claim	1710	36	Talus Fines	30	brown
C99-PAL- 006	PAL 48 Claim	1705	40	Talus Fines	20	dark brown
C99-PAL- 007	PAL 48 Claim	1705	35	Talus Fines	35	med. brown
C99-PAL- 008	PAL 48 Claim	1710	35	Talus Fines	20	orange brown
C99-PAL- 009	PAL 48 Claim	1705	35	Talus Fines	5	dark brown
C99-PAL- 010	PAL 48 Claim	1700	30	Talus Fines	25	light brown

JAJAY PROJECT 1999
SOIL SAMPLES

SAMPLE NUMBER		LOCATION			SAMPLE DESCRIPTION		
		AREA	ELEVATION (m)	SLOPE	TYPE	DEPTH (cm)	COLOUR
C99-PAL-	011	PAL 48 Claim	1705	35	Talus Fines	20	dark brown
C99-PAL-	012	PAL 48 Claim	1700	30	Talus Fines	40	dark brown
C99-PAL-	013	PAL 48 Claim	1700	30	Talus Fines	45	orange brown
C99-PAL-	014	PAL 48 Claim	1710	25	Talus Fines	20	light brown
C99-PAL-	015	PAL 48 Claim	1695	33	Talus Fines	20	med. brown
C99-PAL-	016	PAL 48 Claim	1710	25	Talus Fines	40	light brown
C99-PAL-	017	PAL 48 Claim	1715	37	Talus Fines	20	med. brown
C99-PAL-	018	PAL 48 Claim	1725	38	Talus Fines	30	dark brown
C99-PAL-	019	PAL 48 Claim	1730	25	Talus Fines	20	dark brown
C99-PAL-	020	PAL 48 Claim	1730	45	Talus Fines	30	med. brown
C99-PAL-	021	PAL 48 Claim	1730	32	Talus Fines	40	dark brown
C99-PAL-	022	PAL 48 Claim	1715	40	Talus Fines	40	medium brown
C99-PAL-	023	PAL 48 Claim	1700	25	Talus Fines	30	light brown
C99-PAL-	024	PAL 48 Claim	1640	34	Talus Fines	?	orange brown
C99-PAL-	025	PAL 48 Claim	1640	35	Talus Fines	30	orange brown
C99-PAL-	026	PAL 48 Claim	1645	35	Talus Fines	40	orange brown
C99-PAL-	027	PAL 48 Claim	1600	23	Talus Fines	30	orange brown
C99-PAL-	028	PAL 48 Claim	1600	32	Talus Fines	30	orange brown

APPENDIX 2

Analytical Certificates

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Mincord Exploration Consultants Ltd. PROJECT LYSANDER File # 9903072

110 - 325 Howe St., Vancouver BC V6C 1Z7 Submitted by: Jay Page

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
P99-ST-001	6	99797	98	165	134.8	27	26	708	4.62	<2	<8	6	<2	224	9.6	9	53	70	2.54	.129	11	13	.66	62	.08	<3	1.03	.09	.76	<2	5240
P99-ST-002	2	188	8	85	1.0	8	18	2201	4.51	7	<8	<2	2	70	.3	21	<3	191	5.93	.173	16	24	.32	306	.01	3	.52	.02	.07	5	17
P99-ST-003	2	52	12	112	1.6	66	40	2485	6.38	8	<8	<2	2	190	.9	5	8	200	9.84	.286	16	143	2.72	224	.05	<3	.84	.01	.44	4	2
P99-ST-004	39	864	1526	281	113.9	12	2	163	1.25	43	<8	21	<2	25	4.2	68	<3	9	.16	.004	1	40	.01	438	<.01	<3	.03	<.01	.03	16	21000
P99-ST-005	2	566	86	292	5.7	59	29	1772	5.43	4	<8	<2	2	439	6.2	3	10	182	8.62	.108	8	143	1.70	222	.04	<3	.79	.01	.27	9	1130
P99-ST-006	2	7178	20	57	9.0	11	11	585	4.02	4	<8	<2	6	145	.2	<3	4	227	.90	.289	20	24	.25	253	.07	<3	.41	.07	.29	2	980
P99-ST-007	4	5419	22	91	6.6	35	150	452	10.99	<2	<8	<2	3	40	<.2	<3	5	86	.14	.016	2	7	.06	94	.04	3	.25	.06	.24	<2	439
P99-ST-008	2	17259	6	151	.9	28	100	626	2.81	<2	<8	<2	3	79	.8	<3	<3	53	.44	.146	10	18	.57	251	.07	<3	.84	.05	.54	<2	77
P99-ST-009	3	344	7	32	.3	4	5	254	1.39	7	<8	<2	<2	853	.5	<3	<3	49	1.36	.030	2	18	.21	55	.04	7	2.31	.61	.25	<2	5
P99-ST-010	2	8466	119	76	15.4	20	19	738	4.81	<2	<8	<2	4	301	1.7	<3	17	207	1.03	.107	7	24	.32	95	.11	<3	1.06	.34	.31	2	226
P99-ST-011	1	199	<3	41	.7	13	12	553	3.51	4	<8	<2	3	415	<.2	3	<3	133	1.02	.184	8	22	.43	192	.08	<3	1.53	.62	.32	4	19
P99-ST-012	2	56	4	98	.6	20	17	928	4.59	2	<8	<2	2	202	<.2	<3	<3	213	1.88	.252	15	42	.85	154	.11	<3	1.70	.61	.52	2	8
P99-ST-013	1	4517	16	96	7.3	14	16	804	4.91	4	<8	<2	3	156	<.2	<3	<3	263	.90	.202	13	33	.52	330	.10	<3	.59	.07	.29	<2	644
P99-ST-014	2	124	9	83	.7	15	13	826	3.90	7	<8	<2	3	310	<.2	<3	<3	180	1.30	.194	15	32	.88	127	.12	6	1.81	.52	.60	3	9
P99-ST-015	2	582	5	52	.9	12	13	602	3.83	2	<8	<2	2	399	<.2	<3	<3	184	1.46	.197	11	26	.44	59	.08	7	1.91	.66	.46	2	54
P99-ST-016	1	13	<3	12	<.3	<1	1	232	.57	<2	<8	<2	3	78	<.2	<3	<3	20	.53	.009	5	8	.02	124	.01	<3	.20	.09	.14	4	96
RE P99-ST-016	2	12	4	12	.3	3	1	237	.59	<2	<8	<2	3	81	<.2	<3	<3	21	.56	.009	5	8	.02	137	.01	<3	.20	.08	.13	4	31
P99-ST-017	9	15	10	86	.9	19	16	1530	4.25	9	<8	<2	2	177	.4	<3	<3	118	10.08	.093	4	47	2.42	38	<.01	5	.21	.01	.08	8	1
P99-ST-018	5	27	18	8	<.3	9	5	227	1.09	5	<8	<2	2	125	<.2	<3	3	31	.17	.040	3	15	.11	129	.01	<3	.30	.04	.22	5	49
P99-ST-019	3	23	3	42	1.1	8	9	1028	2.38	7	<8	<2	2	60	<.2	<3	<3	57	2.85	.051	8	19	.52	112	<.01	<3	.37	.01	.11	9	571
P99-ST-020	1	4	3	71	.5	6	9	2261	2.63	2	<8	<2	3	83	.2	<3	<3	38	6.97	.022	7	11	1.69	23	<.01	<3	.41	.03	.10	3	8
P99-ST-021	1	7	11	135	.7	10	14	2793	3.53	5	<8	<2	2	126	.3	<3	3	63	10.47	.034	12	9	2.55	23	<.01	7	.26	.01	.07	5	19
STANDARD C3/AU-R	27	66	37	179	6.4	39	12	826	3.49	57	23	3	22	32	25.6	22	28	82	.61	.093	19	184	.61	162	.09	21	1.97	.04	.17	16	493
STANDARD G-2	2	5	4	42	<.3	7	5	555	2.04	<2	<8	<2	5	74	<.2	<3	4	39	.66	.097	8	78	.59	229	.12	<3	.95	.07	.49	3	<1

GROUP 1D - 0.50 GM SAMPLE, 3 MLS 2-2-2 AQUA REGIA, 1 HOUR AT 95 DEG. C, DILUTED TO 10 MLS. UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 25 1999 DATE REPORT MAILED: Sept 1/99 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data 1/ FA

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
C99-ST-035	<1	50	9	146	.6	137	48	1327	6.79	8	<8	<2	2	172	.4	4	<3	197	2.25	.281	20	369	3.64	281	.18	4	2.49	.02	.85	<2	10
C99-ST-036	<1	29	<3	162	.3	118	57	1141	10.09	14	<8	<2	2	221	1.1	<3	<3	309	2.45	.757	35	279	2.13	107	.04	<3	1.63	.04	.72	<2	<1
C99-ST-037	<1	260	9	104	.3	64	39	988	8.33	12	<8	<2	5	267	.5	<3	<3	287	2.67	.814	39	146	1.33	86	.04	<3	1.39	.02	.47	<2	9
C99-ST-038	<1	211	8	89	.4	62	36	859	8.46	13	<8	<2	5	242	.2	<3	<3	293	2.49	.799	37	153	1.04	68	.05	<3	1.11	.02	.39	<2	15
C99-ST-039	<1	17	<3	137	.4	87	54	1347	6.31	6	<8	<2	2	387	.2	4	<3	205	2.95	.985	40	127	2.25	105	.05	3	1.75	.02	.66	<2	7
C99-ST-040	10	496	4	121	.6	45	35	1302	8.97	46	10	<2	<2	355	.6	<3	<3	647	2.19	.789	53	134	1.12	63	.05	<3	3.03	.01	.15	<2	5
C99-ST-041	<1	227	10	106	.3	61	36	829	6.71	7	<8	<2	2	215	<.2	<3	<3	232	2.13	.717	31	107	1.40	154	.10	3	2.29	.01	.43	<2	7
C99-ST-042	45	66	6	117	.6	51	41	1158	9.61	69	15	<2	2	446	1.1	<3	<3	588	3.93	1.086	51	98	1.32	44	.12	<3	1.85	.02	.29	<2	5
C99-ST-043	4	734	11	184	<.3	24	31	1336	7.31	17	<8	<2	2	54	.3	5	<3	307	.60	.258	11	62	1.67	103	.23	<3	2.24	.02	.82	<2	23
C99-ST-044	6	1514	17	409	.7	34	38	2445	8.18	17	<8	<2	5	88	.9	<3	<3	432	1.32	.295	24	55	2.77	206	.13	3	2.62	.02	1.32	<2	24
C99-ST-045	<1	48	5	88	.4	55	33	1113	7.74	8	<8	<2	<2	106	.4	4	<3	290	1.96	.333	17	138	1.27	31	.15	<3	1.90	.01	.08	<2	2
C99-ST-046	<1	103	14	143	.5	70	59	1050	9.52	16	<8	<2	2	416	.9	<3	<3	291	3.69	1.305	55	73	2.22	63	.05	<3	2.07	.02	.41	<2	1
C99-ST-047	<1	1311	5	104	.4	65	38	998	8.45	10	<8	<2	3	244	.6	<3	<3	309	2.31	.748	35	149	1.27	104	.06	<3	1.37	.02	.32	<2	78
C99-ST-048	10	591	82	125	.3	20	23	1227	5.74	6	<8	<2	2	45	<.2	4	<3	240	.26	.188	22	28	1.03	33	.05	<3	1.80	<.01	.17	23	138
C99-ST-049	2	40	15	113	<.3	11	16	3612	5.24	7	<8	<2	<2	32	<.2	3	<3	171	.41	.196	13	21	.29	111	.02	<3	1.02	.02	.04	<2	56
C99-ST-050	1	37	9	54	<.3	12	11	961	4.14	2	<8	<2	4	28	<.2	3	<3	156	.49	.171	13	20	.37	35	.06	<3	.70	.02	.06	<2	34
C99-ST-051	2	26	11	38	<.3	12	5	303	3.16	3	<8	<2	<2	76	<.2	3	<3	134	.52	.060	7	27	.39	62	.07	<3	1.40	.01	.04	<2	27
C99-ST-052	1	57	10	84	.3	13	15	1613	4.05	5	<8	<2	2	134	<.2	<3	<3	144	.94	.249	27	21	.62	147	.02	<3	1.45	.03	.07	<2	54
RE C99-ST-056	2	14	6	35	.3	6	5	377	2.77	3	<8	<2	<2	28	<.2	<3	<3	116	.23	.105	12	15	.11	77	.01	<3	1.06	.01	.03	<2	189
C99-ST-053	6	32	16	137	.7	17	20	4219	5.21	7	<8	<2	4	90	<.2	<3	<3	146	.63	.149	31	22	.38	177	.01	<3	1.06	.01	.05	<2	207
C99-ST-054	2	18	16	99	.6	12	15	2853	4.40	9	<8	<2	3	49	<.2	3	<3	133	.52	.145	30	16	.19	82	.01	<3	.83	.01	.04	<2	165
C99-ST-055	1	30	12	119	1.0	17	19	3192	5.06	7	<8	<2	3	46	<.2	<3	<3	161	.98	.216	38	22	.31	90	.01	<3	.83	.01	.04	<2	199
C99-ST-056	2	14	9	36	<.3	5	5	387	2.74	3	<8	<2	<2	29	<.2	<3	<3	114	.23	.110	12	15	.11	81	.01	<3	1.10	.01	.03	<2	86
STANDARD C3/AU-S	25	62	35	167	5.8	38	11	789	3.46	59	22	2	21	30	24.2	19	24	80	.60	.093	18	169	.61	153	.08	20	1.91	.04	.17	17	58
STANDARD G-2	2	4	3	45	<.3	8	4	561	2.20	<2	<8	<2	4	78	<.2	3	<3	44	.71	.101	8	82	.63	239	.13	<3	1.03	.09	.52	2	1

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Mincord Exploration Consultants Ltd. PROJECT LYSANDER File # 9903073 Page 1

110 - 325 Howe St., Vancouver BC V6C 1Z7 Submitted by: Jay Page

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
C99-ST-001	1	104	<3	99	.6	34	24	762	6.38	4	<8	<2	2	229	.2	4	3	243	1.51	.560	32	66	.96	86	.08	<3	1.80	.01	.16	<2	10
C99-ST-002	1	216	<3	91	.5	34	23	676	5.53	7	<8	<2	<2	283	<.2	6	<3	209	1.53	.524	31	54	1.06	163	.09	<3	2.54	.01	.11	<2	11
C99-ST-003	2	199	4	125	.5	35	30	1251	5.95	7	<8	<2	2	229	<.2	3	<3	215	1.32	.462	29	50	1.33	150	.11	<3	2.07	.01	.39	<2	50
C99-ST-004	2	65	7	71	.4	24	15	1026	5.41	7	<8	<2	<2	141	<.2	<3	<3	188	.96	.397	25	51	.53	103	.06	<3	1.40	.01	.07	<2	18
C99-ST-005	1	122	7	82	.6	28	19	657	4.93	4	<8	<2	<2	170	<.2	5	<3	169	1.02	.365	23	45	.94	109	.07	<3	1.85	.01	.10	<2	22
C99-ST-006	1	108	5	60	.4	25	17	499	5.02	6	<8	<2	2	207	<.2	3	<3	192	1.25	.466	30	43	.67	87	.07	<3	1.88	.01	.08	<2	6
C99-ST-007	1	189	5	54	.4	25	17	654	3.91	3	<8	<2	<2	231	<.2	3	<3	142	1.29	.516	32	35	.55	134	.07	<3	2.28	.01	.16	<2	8
C99-ST-008	1	135	7	82	.3	28	19	681	4.23	<2	<8	<2	<2	185	<.2	3	<3	147	1.11	.432	28	38	.73	141	.06	<3	2.26	.01	.14	<2	6
C99-ST-009	1	171	8	138	.6	30	33	2273	5.27	<2	<8	<2	<2	338	<.2	6	<3	204	2.06	.561	33	40	1.98	244	.06	<3	1.70	.02	.43	<2	27
C99-ST-010	1	9	4	39	<.3	9	24	2488	1.65	4	<8	<2	<2	58	<.2	<3	<3	37	3.32	.067	8	2	.08	203	<.01	<3	.31	<.01	.07	<2	5
C99-ST-011	<1	69	3	168	.7	62	50	1382	8.77	5	<8	<2	2	363	.4	3	<3	321	3.65	1.084	41	103	2.33	217	.07	<3	2.03	.02	.58	<2	8
C99-ST-012	2	152	8	123	.6	52	36	1201	7.12	3	<8	<2	2	201	.3	6	<3	264	2.13	.555	32	146	1.75	166	.13	<3	2.08	.02	.36	<2	29
C99-ST-013	2	132	10	107	.3	52	22	739	6.73	9	<8	<2	2	164	.2	5	<3	231	1.18	.374	17	218	1.65	106	.16	<3	2.25	.02	.27	<2	8
C99-ST-014	3	305	32	268	.5	66	48	2415	6.30	22	<8	<2	8	46	<.2	8	<3	187	.84	.291	29	119	2.88	63	.16	<3	2.76	.02	.65	<2	6
C99-ST-015	2	914	14	205	.9	45	30	1413	6.39	13	<8	<2	2	205	.4	8	<3	252	1.58	.358	29	129	1.72	162	.11	<3	2.57	.02	.32	<2	14
C99-ST-016	1	58	13	89	.6	108	37	752	6.07	4	<8	<2	2	237	<.2	9	<3	175	1.70	.338	20	305	2.75	295	.15	<3	2.48	.02	.73	<2	4
C99-ST-017	1	70	5	109	.4	113	41	943	6.81	2	<8	<2	2	113	<.2	8	<3	192	1.32	.278	15	309	2.82	260	.20	<3	2.75	.02	.74	<2	4
C99-ST-018	2	65	63	160	.7	111	49	1882	7.21	2	<8	<2	2	93	.9	9	<3	195	1.01	.241	21	323	2.65	304	.17	<3	2.75	.01	.21	<2	111
C99-ST-019	6	59	53	136	.8	114	56	1805	6.75	4	<8	<2	2	112	.2	6	<3	156	1.12	.323	17	275	3.08	266	.15	<3	2.49	.02	.45	<2	252
C99-ST-020	4	589	6	160	.5	49	39	1880	7.37	4	<8	<2	2	141	.4	3	<3	307	2.25	.380	28	157	1.84	161	.13	<3	2.45	.01	.32	<2	12
RE C99-ST-020	4	597	11	161	.7	49	40	1909	7.38	7	<8	<2	2	143	<.2	9	<3	308	2.28	.385	28	158	1.87	162	.13	<3	2.48	.01	.32	<2	9
C99-ST-021	2	279	9	141	.9	99	61	2662	8.29	13	<8	<2	4	480	.6	9	<3	249	3.57	1.083	60	214	4.18	706	.07	<3	4.15	.03	1.48	2	91
C99-ST-022	2	179	9	121	.8	67	32	818	7.24	2	<8	<2	2	149	.3	7	3	213	1.26	.225	13	211	2.05	166	.18	<3	2.56	.02	.30	<2	10
C99-ST-023	<1	116	23	150	.5	91	44	1300	7.15	4	<8	<2	2	119	.2	4	4	221	1.60	.373	23	269	2.41	115	.14	<3	2.53	.02	.34	<2	29
C99-ST-024	1	347	53	159	.8	53	30	1099	6.38	3	<8	<2	2	94	<.2	6	<3	208	1.28	.363	16	133	1.92	53	.11	<3	2.62	.02	.08	<2	42
C99-ST-025	1	103	10	121	<.3	32	27	1426	6.32	4	<8	<2	2	58	<.2	5	<3	191	.89	.195	11	104	1.08	52	.13	<3	1.88	.01	.05	<2	1230
C99-ST-026	13	91	30	134	2.1	17	25	2629	6.29	5	<8	<2	<2	43	.5	11	3	94	.40	.237	7	31	2.57	105	.01	<3	1.92	<.01	.08	<2	72
C99-ST-027	2	66	11	77	1.0	23	13	614	5.63	<2	<8	<2	2	36	<.2	4	<3	140	.33	.115	6	107	.43	46	.08	<3	1.07	<.01	.06	<2	18
C99-ST-028	1	15	4	271	.6	43	41	2097	5.29	<2	<8	<2	4	344	<.2	9	<3	160	2.92	.723	52	52	2.34	106	.05	<3	1.99	.02	.75	<2	1
C99-ST-029	1	103	21	155	.4	91	45	1527	7.42	5	<8	<2	<2	140	<.2	8	<3	225	1.37	.306	16	299	2.45	144	.12	<3	2.26	.02	.30	<2	56
C99-ST-030	1	132	11	121	.4	48	35	2158	7.41	<2	<8	<2	<2	77	.4	3	<3	224	1.41	.231	11	169	1.38	116	.15	<3	2.34	.01	.18	<2	6
C99-ST-031	14	183	18	200	<.3	49	66	1861	9.24	11	<8	<2	<2	317	.6	9	<3	320	2.81	.523	26	90	2.24	198	.12	<3	2.95	.01	.14	<2	4
C99-ST-032	1	32	8	125	.5	81	42	906	6.53	4	<8	<2	2	118	<.2	9	<3	186	1.57	.300	17	232	2.62	75	.17	<3	2.48	.01	.27	<2	1
C99-ST-033	3	85	6	108	.7	89	41	833	7.46	4	<8	<2	2	240	<.2	8	<3	246	1.72	.429	22	292	2.61	397	.16	<3	2.36	.02	.76	<2	5
C99-ST-034	1	18	<3	79	.5	129	38	556	6.19	<2	<8	<2	2	309	<.2	7	<3	151	1.72	.362	20	418	2.95	525	.13	<3	2.57	.02	.80	<2	3
STANDARD C3/AU-S	27	63	35	171	6.0	37	11	784	3.41	58	25	2	22	30	24.3	23	24	81	.59	.091	18	174	.60	154	.08	18	1.95	.04	.17	17	56
STANDARD G-2	2	4	5	44	<.3	8	4	547	2.09	3	<8	<2	4	79	<.2	<3	<3	41	.69	.099	8	79	.61	238	.12	<3	1.04	.10	.52	2	<1

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMITED FOR NA K AND AL.
- SAMPLE TYPE: SOIL AU* - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 25 1999 **DATE REPORT MAILED:** Aug 31/99 **SIGNED BY:** .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data___ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Lysander Gold Corporation PROJECT JAJAY File # 9903256

1006 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Jay Page

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	Pt** ppb	Pd** ppb
M99-DE-001	2	816	<3	25	.9	50	67	435	7.48	9	<8	<2	<2	262	1.5	<3	9	198	.81	.084	3	84	1.69	81	.30	<3	3.55	.18	.64	<2	34	<1	4
M99-DE-002	1	1360	<3	12	1.4	16	11	71	.77	5	<8	<2	<2	48	<.2	<3	<3	44	.72	.134	11	8	.18	16	.07	4	1.03	.11	.03	<2	81	5	4
M99-DE-003	3	5641	<3	16	.7	23	15	83	1.05	6	<8	<2	<2	43	<.2	<3	<3	44	.74	.130	3	8	.17	8	.07	<3	1.15	.10	.03	<2	127	<1	<1
M99-DE-004	<1	1722	8	47	5.3	13	14	552	5.79	5	14	<2	10	252	.8	<3	7	488	4.77	1.614	98	13	.43	60	.03	3	.33	.09	.07	<2	297	8	20
M99-DE-005	6	619	3	6	.3	12	22	92	1.63	5	<8	<2	<2	76	.2	<3	<3	37	1.17	.239	7	8	.20	17	.08	3	.73	.08	.05	<2	15	2	<1
M99-DE-006	3	222	4	6	<.3	15	26	101	1.93	8	<8	<2	<2	48	.2	<3	<3	43	.69	.191	3	16	.38	35	.10	<3	.78	.08	.11	<2	5	2	2
M99-DE-006A	4	6097	<3	22	3.2	21	142	65	3.78	5	<8	<2	<2	210	<.2	4	<3	30	.58	.112	7	6	.14	17	.07	<3	.73	.11	.06	<2	726	<1	3
M99-DE-008	1	146	4	38	.3	6	10	301	3.61	3	<8	<2	3	35	<.2	<3	3	146	.74	.174	9	11	.58	48	.11	<3	.96	.08	.25	<2	12	4	4
P99-DE-001	46	99999	<3	291	2.7	44	28	203	1.71	7	<8	<2	<2	39	6.1	<3	<3	101	.29	.137	3	23	.51	15	.07	<3	.99	.03	.03	<2	102	2	4
P99-DE-002	<1	327	6	16	<.3	16	10	202	3.39	4	<8	<2	<2	139	.2	<3	<3	219	1.81	.097	3	100	.53	39	.10	3	2.01	.31	.08	<2	16	10	8
P99-DUCK-001	25	26810	7	150	16.1	17	21	682	9.40	11	<8	<2	<2	80	3.5	8	12	190	1.03	.134	4	13	1.12	46	.15	<3	2.10	.03	.29	<2	408	3	6
P99-DUCK-002	74	26314	8	161	19.7	18	29	476	6.89	7	<8	<2	<2	111	3.0	6	11	96	.89	.103	1	10	1.01	36	.11	<3	1.46	.04	.20	56	310	4	26
P99-DUCK-003	56	8147	5	75	5.6	8	43	512	6.86	9	<8	<2	<2	173	1.3	<3	6	124	1.91	.133	5	7	.85	23	.11	<3	2.56	.04	.14	3	110	<1	1
P99-DUCK-004	2	4422	3	66	2.1	7	13	623	5.00	5	<8	<2	<2	69	1.4	<3	3	150	1.04	.152	4	11	1.20	51	.15	<3	1.55	.05	.33	<2	58	2	1
P99-DUCK-005	12	99999	<3	406	127.6	18	31	85	18.87	36	12	<2	<2	7	14.4	20	<3	35	.05	.041	<1	53	.25	13	.03	<3	.44	<.01	.10	302	6764	<1	17
P99-ONINECA-001	8	146	<3	332	.5	83	96	3263	10.56	15	<8	<2	<2	56	2.0	3	15	113	.46	.036	8	27	.36	330	<.01	<3	.66	.01	.07	4	10	1	1
P99-ONINECA-002	<1	97	4	100	.4	49	43	1714	6.15	7	<8	<2	<2	351	1.5	<3	5	215	10.24	.397	11	47	4.30	586	.01	4	.32	.02	.16	2	4	2	7
P99-PAL-001	56	234	3	13	.7	5	5	113	2.68	5	<8	<2	3	55	<.2	<3	<3	94	.62	.137	6	7	.28	43	.11	<3	.76	.07	.06	3	5	3	5
P99-PAL-002	2	317	3	11	.4	6	34	105	2.57	9	<8	<2	5	43	.2	<3	<3	68	.87	.195	20	6	.26	17	.12	<3	.70	.07	.07	3	3	2	4
P99-PAL-003	2	7477	3	122	<.3	8	5	202	.68	6	<8	<2	2	53	.8	3	<3	57	1.42	.254	7	5	.40	48	.07	<3	.87	.06	.05	2	2	2	<1
P99-PAL-004	<1	1135	6	53	.6	4	7	1297	2.15	3	<8	<2	<2	53	.3	<3	<3	123	4.20	.226	11	4	.94	47	.09	<3	.99	.08	.06	2	10	<1	4
RE P99-PAL-004	<1	1064	5	50	.6	4	7	1244	2.03	6	<8	<2	2	51	.4	3	<3	117	3.99	.214	10	4	.89	46	.09	<3	.96	.09	.07	3	8	1	7
P99-PAL-005	1	225	4	33	<.3	9	15	331	5.00	2	<8	<2	3	47	.6	5	5	214	.93	.185	6	14	.56	587	.09	<3	.66	.06	.06	<2	4	2	6
P99-PAL-006	1	541	<3	16	.5	2	4	159	1.00	3	<8	<2	2	70	.3	<3	<3	53	1.11	.162	5	5	.19	48	.08	<3	.70	.07	.05	2	12	3	1
P99-PAL-007	<1	118	3	39	<.3	11	19	346	5.65	2	<8	<2	2	44	.8	<3	4	287	.89	.123	3	14	.68	139	.15	<3	.86	.05	.17	<2	7	3	16
P99-PAL-008	2	1514	<3	14	.6	4	12	1037	2.81	12	<8	<2	<2	72	.3	<3	<3	10	4.59	.006	11	28	.17	59	<.01	<3	.04	.01	.01	10	15	3	1
P99-PAL-009	<1	3886	<3	254	.4	10	20	647	5.03	4	<8	<2	<2	50	1.8	<3	4	206	.92	.176	9	9	1.17	111	.17	<3	1.35	.05	.43	<2	3	7	10
P99-PAL-010	363	2807	4	63	1.8	3	23	138	1.80	5	<8	<2	7	17	.8	3	<3	14	.27	.032	4	12	.21	40	.05	<3	.49	.04	.13	5	54	<1	3
P99-PAL-011	11	2901	9	31	2.8	3	7	249	1.63	<2	<8	<2	6	26	.3	<3	<3	14	.43	.022	2	11	.27	241	.03	<3	1.05	.06	.16	5	41	1	<1
P99-PAL-012	23	834	3	23	.6	3	12	208	1.28	<2	<8	<2	5	27	.3	3	<3	24	.37	.038	4	13	.31	46	.07	<3	.52	.04	.19	5	8	<1	2
STANDARD C3/FA100	27	70	34	178	6.2	38	12	799	3.50	55	22	2	22	31	25.7	19	27	82	.59	.096	18	178	.62	160	.08	20	2.06	.04	.17	17	49	47	46
STANDARD G-2	2	3	7	45	<.3	7	4	559	2.15	<2	<8	<2	4	82	<.2	<3	<3	42	.71	.103	8	81	.63	244	.13	<3	1.09	.10	.53	2	4	1	1

GROUP 1D - 0.50 GM SAMPLE, 3 ML5 2-2-2 AQUA REGIA, 1 HOUR AT 95 DEG. C, DILUTED TO 10 ML5, ICP-ES ANALYSIS. LEACH IS PARTIAL FOR SOME MINERALS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU** PT** PD** GROUP 3B BY FIRE ASSAY & ANALYSIS BY ULTRA/ICP. (30 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 3 1999 DATE REPORT MAILED: Sept 14/99 SIGNED BY. C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only. Data FA

** TOTAL PAGE.005 **

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Lysander Gold Corporation PROJECT JAJAY File # 9903254 Page 1

1006 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Jay Page

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	Pt** ppb	Pd** ppb
C99-DE-001	1	361	<3	69	.4	12	20	773	5.23	6	<8	<2	3	98	<.2	<3	<3	210	.36	.109	14	24	.77	49	.04	7	2.61	.01	.04	<2	6	1	<1
C99-DE-002	1	54	4	49	<.3	6	6	320	4.12	2	<8	<2	2	63	<.2	<3	<3	154	.21	.106	6	18	.24	54	.05	<3	1.36	.01	.04	<2	13	4	4
C99-DE-003	1	93	<3	67	.3	8	11	426	4.87	4	<8	<2	2	73	<.2	<3	<3	179	.27	.169	8	25	.58	52	.06	<3	2.61	.02	.04	<2	7	2	<1
C99-DE-004	2	84	3	79	.3	11	14	524	4.53	3	<8	<2	3	67	<.2	<3	3	154	.19	.131	6	21	.48	69	.06	<3	3.10	.02	.04	<2	4	<1	<1
C99-DE-005	3	196	5	64	.4	11	13	444	4.97	8	<8	<2	3	93	.3	<3	<3	173	.42	.204	9	22	.83	67	.06	<3	3.39	.02	.04	<2	3	3	1
C99-DE-006	2	77	6	48	.4	5	9	791	3.52	<2	<8	<2	2	55	<.2	<3	3	132	.21	.149	8	22	.42	54	.06	4	1.84	.01	.04	<2	15	1	1
C99-DE-007	4	514	7	26	<.3	103	18	241	3.47	2	<8	<2	<2	25	.6	<3	<3	136	.33	.077	3	134	1.75	45	.21	5	2.47	.03	.19	<2	6	5	5
C99-DE-008	1	748	4	33	.7	27	19	299	4.73	11	<8	<2	<2	25	.3	3	<3	220	.38	.119	2	57	1.34	56	.21	<3	2.22	.02	.27	<2	5	2	<1
C99-DE-009	6	253	<3	29	.3	19	14	290	4.61	5	<8	<2	<2	119	<.2	<3	<3	159	.50	.133	6	46	.76	56	.13	<3	2.94	.02	.11	<2	16	2	4
C99-DE-010	9	405	5	23	.4	11	16	227	4.95	9	<8	<2	2	168	.4	<3	<3	134	.58	.174	12	29	.49	49	.11	<3	2.72	.04	.11	<2	24	<1	3
RE C99-DE-008	1	775	<3	34	.8	26	19	306	4.93	8	<8	<2	<2	27	.3	<3	<3	231	.39	.119	2	60	1.38	63	.22	4	2.29	.03	.28	<2	8	4	2
C99-DE-011	3	306	<3	43	.8	11	19	388	6.74	8	<8	<2	3	115	.2	<3	<3	279	1.33	.404	19	28	.78	104	.07	<3	2.29	.02	.07	<2	7	<1	2
C99-DE-012	4	250	5	40	.9	73	21	359	5.52	11	<8	<2	4	122	<.2	<3	<3	204	.80	.261	9	87	1.23	114	.13	4	3.20	.03	.10	2	7	<1	4
C99-DE-013	9	430	4	45	.6	34	43	691	5.18	5	<8	<2	2	102	.8	<3	3	192	.75	.067	6	76	1.56	111	.20	4	3.25	.08	.17	<2	6	4	3
C99-DE-014	31	464	<3	34	.3	35	20	337	6.02	21	<8	<2	2	192	<.2	<3	<3	142	.76	.170	8	76	1.11	69	.18	<3	5.12	.04	.17	<2	8	2	4
C99-DE-015	4	278	5	36	.5	10	18	362	5.82	6	<8	<2	5	123	.3	<3	<3	233	1.15	.273	13	30	.74	128	.08	<3	2.46	.02	.11	<2	8	1	2
C99-DE-016	4	213	<3	38	<.3	13	14	469	4.59	4	<8	<2	4	137	<.2	<3	<3	167	1.08	.247	10	20	.76	137	.08	<3	2.43	.03	.11	<2	4	1	1
C99-DE-017	19	226	<3	30	.4	18	19	278	6.90	6	<8	<2	4	87	<.2	<3	<3	240	.52	.247	10	36	.53	122	.10	4	3.06	.03	.08	<2	4	2	2
C99-DE-018	6	341	<3	24	.3	14	20	255	5.66	8	<8	<2	2	125	<.2	<3	<3	216	.74	.144	8	34	.50	89	.09	<3	2.74	.02	.09	<2	5	4	2
C99-DE-019	2	130	<3	22	.3	10	18	253	3.57	11	<8	<2	3	180	<.2	<3	7	126	1.36	.272	10	18	.20	104	.05	<3	6.25	.02	.08	<2	13	1	<1
C99-DE-020	6	396	<3	34	<.3	81	21	326	4.53	3	<8	<2	2	122	<.2	<3	<3	164	.67	.097	5	109	1.39	68	.20	<3	3.50	.03	.16	<2	10	1	2
C99-DE-021	19	527	<3	21	.4	32	24	318	5.88	16	<8	<2	<2	261	.8	<3	<3	159	.58	.201	5	54	.71	58	.15	<3	5.85	.03	.09	2	13	6	9
C99-DE-022	6	613	<3	22	.3	27	15	241	4.87	6	<8	<2	<2	117	<.2	<3	<3	181	.50	.159	5	54	.77	67	.13	<3	2.85	.03	.09	<2	8	4	4
C99-DE-023	3	183	<3	31	.6	9	14	379	5.11	8	<8	<2	4	84	<.2	<3	<3	153	.91	.313	11	22	.54	78	.06	4	3.03	.01	.06	<2	9	2	2
C99-DE-024	12	273	<3	54	.6	16	19	556	5.64	7	<8	<2	4	62	<.2	<3	<3	205	.49	.049	7	51	.65	95	.10	<3	2.49	.02	.09	<2	8	2	7
C99-DE-025	5	143	3	24	<.3	4	6	186	3.97	3	<8	<2	<2	55	<.2	<3	<3	178	.41	.035	4	19	.24	51	.09	<3	1.33	.02	.06	<2	4	3	2
C99-DE-026	2	79	5	61	.6	6	12	298	6.13	7	<8	<2	3	52	.2	<3	<3	242	.61	.555	8	41	.32	86	.08	5	3.78	.03	.05	<2	2	3	2
C99-PAL-001	2	570	12	143	.8	11	28	2097	5.74	7	<8	<2	3	170	<.2	<3	4	252	.94	.187	23	10	1.64	209	.10	5	2.47	.02	.16	<2	10	2	11
C99-PAL-002	5	1211	11	103	1.0	15	35	1747	5.99	10	<8	<2	3	363	.7	<3	<3	235	1.06	.195	9	14	1.86	216	.10	<3	2.65	.03	.10	<2	13	2	13
C99-PAL-003	4	897	22	115	1.0	13	29	1774	5.61	9	<8	<2	3	362	.2	<3	<3	217	1.07	.266	19	8	1.48	220	.09	<3	2.45	.02	.12	<2	22	2	5
C99-PAL-004	8	1390	12	98	1.3	9	34	2044	6.12	12	<8	<2	4	267	.5	<3	<3	228	1.17	.290	16	5	1.59	238	.09	<3	2.33	.03	.16	<2	69	2	8
C99-PAL-005	8	1215	4	94	1.0	7	36	1649	6.29	11	<8	<2	4	186	1.2	4	<3	215	1.02	.279	16	5	1.36	220	.09	<3	2.51	.02	.17	<2	29	1	14
C99-PAL-006	12	666	5	89	.6	4	24	1696	5.22	3	<8	<2	<2	116	.2	<3	<3	147	.50	.260	11	5	.84	107	.04	<3	2.60	.01	.06	<2	17	<1	<1
C99-PAL-007	18	807	7	92	.7	12	27	1196	5.19	9	<8	<2	3	148	<.2	3	<3	144	.64	.198	13	10	.81	138	.07	<3	2.42	.01	.08	<2	13	<1	1
C99-PAL-008	16	414	12	87	.7	11	29	672	5.64	36	<8	<2	9	210	.3	<3	<3	221	.37	.124	16	4	.97	111	.04	<3	3.66	.02	.05	<2	37	1	2
STANDARD C3/FA100	25	63	33	162	5.5	34	11	780	3.30	56	22	3	20	28	24.2	20	24	77	.54	.087	17	164	.58	147	.08	22	1.82	.04	.16	17	47	50	48
STANDARD G-2	1	4	<3	43	<.3	6	3	546	2.03	<2	<8	<2	5	83	.2	<3	<3	40	.66	.098	7	80	.59	244	.13	4	1.06	.11	.55	3	<1	<1	<1

GROUP 1D - 0.50 GM SAMPLE, 3 ML 2-2-2 AQUA REGIA, 1 HOUR AT 95 DEG. C, DILUTED TO 10 ML, ICP-ES ANALYSIS. LEACH IS PARTIAL FOR SOME MINERALS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL AU** PT** PD** GROUP 3B BY FIRE ASSAY & ANALYSIS BY ULTRA/ICP. (30 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 3 1999 DATE REPORT MAILED: Sept 14/99 SIGNED BY: .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only. Data FA

ACME ANALYTICAL

Lysander Gold Corporation PROJECT JAJAY FILE # 9903254 Page 2

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb	Pt** ppb	Pd** ppb
C99-PAL-009	15	907	5	102	.9	7	32	731	7.14	<2	<8	<2	2	277	<.2	<3	<3	228	.53	.189	9	5	1.29	116	.19	6	3.51	.01	.15	<2	7	2	4
C99-PAL-010	6	502	<3	59	<.3	11	26	461	4.78	4	<8	<2	3	82	<.2	<3	<3	136	.57	.209	15	12	.67	67	.08	<3	2.49	.01	.04	<2	5	<1	3
C99-PAL-011	6	522	6	77	.4	14	27	1168	5.18	2	<8	<2	2	80	<.2	<3	<3	154	.54	.294	16	17	.83	85	.08	<3	2.86	.02	.07	<2	11	3	4
C99-PAL-012	4	171	4	43	<.3	9	11	318	3.21	<2	<8	<2	2	45	<.2	<3	<3	95	.54	.247	11	7	.49	72	.05	<3	1.96	.03	.06	<2	2	3	2
C99-PAL-013	3	191	9	56	<.3	6	9	308	4.35	<2	<8	<2	<2	49	.3	<3	<3	146	.31	.131	10	9	.52	72	.08	<3	2.13	.01	.05	<2	2	5	4
C99-PAL-014	5	446	<3	91	<.3	3	22	1170	5.40	<2	<8	<2	8	34	<.2	<3	3	151	.84	.313	20	2	.88	106	.16	<3	1.73	.03	.37	<2	7	4	4
C99-PAL-015	1	489	13	123	.8	8	22	1722	5.69	<2	<8	<2	3	82	<.2	<3	5	231	.86	.198	23	7	1.51	108	.07	6	2.78	.02	.09	<2	7	4	10
C99-PAL-016	2	469	9	72	.8	12	33	2462	6.09	10	<8	<2	2	237	.6	<3	4	249	1.58	.335	15	9	1.60	159	.09	<3	2.25	.03	.07	<2	5	3	7
C99-PAL-017	6	902	3	104	.8	1	36	2578	6.31	4	<8	<2	3	327	.3	6	3	156	.95	.178	14	1	1.04	585	.04	3	2.08	.02	.19	<2	25	1	11
C99-PAL-018	2	661	6	91	.9	11	25	1567	4.90	4	<8	<2	<2	408	.5	8	<3	196	1.13	.315	16	7	1.54	531	.11	<3	2.80	.02	.23	<2	15	3	7
C99-PAL-019	<1	1055	8	124	.8	42	26	2177	6.19	3	<8	<2	<2	307	.5	<3	<3	240	1.09	.261	16	40	2.72	199	.16	<3	3.24	.03	.42	<2	5	6	7
C99-PAL-020	1	206	11	144	.4	12	16	1780	4.91	3	<8	<2	<2	610	<.2	<3	<3	196	.75	.164	11	20	1.27	182	.09	4	2.79	.03	.15	<2	2	3	3
C99-PAL-021	2	1294	14	166	1.2	11	33	2243	6.84	3	<8	<2	2	438	1.0	4	3	296	1.33	.313	21	5	2.14	232	.16	<3	2.78	.03	.57	<2	28	5	20
C99-PAL-022	1	748	13	123	.6	6	21	1920	5.87	2	<8	<2	<2	199	.4	<3	5	284	.72	.202	15	7	1.41	117	.11	10	2.15	.02	.18	<2	13	2	<1
C99-PAL-023	1	118	11	120	.9	12	25	2706	6.05	4	<8	<2	<2	767	.3	<3	<3	217	1.36	.246	20	22	1.65	645	.09	<3	2.76	.02	.13	<2	9	3	2
C99-PAL-024	20	478	10	99	.5	4	22	2212	6.28	5	<8	<2	4	54	<.2	<3	<3	169	.40	.204	15	4	.60	213	.03	3	2.40	.01	.09	<2	6	1	1
C99-PAL-025	59	1123	12	86	.4	4	38	1668	6.04	13	<8	<2	7	181	<.2	4	4	126	.24	.173	11	4	.52	123	.03	<3	2.27	.01	.11	<2	24	1	5
RE C99-PAL-025	61	1135	11	87	.5	5	38	1666	6.13	8	<8	<2	8	179	<.2	<3	<3	128	.25	.178	12	4	.53	123	.03	<3	2.27	.01	.11	<2	25	3	2
C99-PAL-026	21	684	5	88	.7	4	33	1926	6.59	7	<8	<2	5	113	<.2	<3	<3	232	.46	.213	15	4	.96	171	.04	3	2.50	.02	.08	<2	8	3	4
C99-PAL-027	8	433	6	72	.5	3	16	927	6.07	4	<8	<2	<2	85	<.2	<3	<3	190	.34	.288	7	9	.89	74	.04	<3	3.26	.02	.05	<2	12	2	6
C99-PAL-028	3	666	21	164	.8	9	21	2418	5.19	4	<8	<2	4	42	1.0	<3	<3	201	.51	.242	15	6	1.23	95	.05	<3	2.73	.04	.13	<2	34	<1	6
C99-SH-001	2	225	8	91	.7	9	12	525	5.40	<2	<8	<2	2	79	<.2	<3	<3	185	.32	.252	9	12	.80	115	.09	4	2.89	.02	.05	<2	1	2	3
C99-SH-002	2	324	8	73	.3	11	15	1068	5.28	<2	<8	<2	2	76	<.2	<3	<3	191	.48	.234	13	15	.73	108	.05	<3	2.55	.02	.07	<2	4	2	4
C99-SH-003	5	536	6	148	.3	13	15	683	4.63	6	<8	<2	4	50	<.2	<3	<3	117	.59	.214	13	13	.78	110	.09	5	2.54	.02	.10	<2	5	<1	1
C99-SH-004	2	132	4	53	.3	8	9	673	3.68	<2	<8	<2	<2	62	.3	<3	<3	120	.20	.098	9	10	.41	91	.07	<3	2.35	.02	.04	<2	1	1	1
C99-SH-005	2	222	3	43	<.3	8	10	361	3.39	<2	<8	<2	3	60	.4	<3	<3	109	.53	.206	10	9	.49	80	.05	<3	2.48	.03	.06	<2	<1	<1	<1
C99-SH-006	2	257	3	68	.4	12	11	333	5.02	2	<8	<2	3	53	<.2	<3	<3	156	.47	.331	12	14	.58	90	.05	5	3.58	.02	.04	<2	2	2	4
C99-SH-007	2	176	4	57	.5	14	10	363	3.71	4	<8	<2	3	41	<.2	<3	<3	101	.34	.237	11	16	.56	78	.06	<3	3.56	.01	.05	2	<1	2	3
C99-SH-008	1	196	<3	50	<.3	11	10	348	3.14	3	<8	<2	3	36	<.2	<3	<3	94	.46	.180	12	10	.49	70	.07	<3	2.59	.03	.08	<2	<1	1	<1
C99-SH-009	4	310	5	67	.5	9	12	465	5.47	5	<8	<2	7	33	<.2	<3	<3	146	.43	.207	16	11	.60	82	.10	<3	2.77	.02	.05	<2	<1	1	<1
C99-SH-010	4	402	<3	62	.3	7	15	516	5.23	2	<8	<2	5	30	<.2	<3	<3	166	.73	.395	14	8	.47	67	.07	<3	2.26	.03	.09	<2	<1	<1	3
STANDARD C3/FA100	27	66	33	172	5.6	35	12	819	3.44	55	23	3	21	31	23.7	21	26	80	.57	.093	18	172	.60	158	.08	18	1.94	.05	.17	16	45	50	49
STANDARD G-2	1	4	5	41	<.3	6	4	549	2.01	<2	<8	<2	4	95	<.2	<3	<3	40	.69	.096	7	79	.59	274	.12	<3	1.21	.16	.59	2	<1	1	<1

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

Lysander Gold Corporation PROJECT LYSANDER File # 9903072R

1006 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Jay Page

SAMPLE#	Au** ppb	Pt** ppb	Pd** ppb
P99-ST-001	5972	399	948
P99-ST-002	11	8	12
P99-ST-003	2	8	11
P99-ST-004	18974	3	<3
P99-ST-005	1071	3	<3
P99-ST-006	974	4	23
P99-ST-007	369	17	40
P99-ST-008	53	15	25
P99-ST-009	8	3	6
P99-ST-010	224	3	8
P99-ST-011	17	3	7
P99-ST-012	6	4	<3
P99-ST-013	563	4	14
P99-ST-014	10	4	3
P99-ST-015	54	3	14
P99-ST-016	27	<3	<3
RE P99-ST-016	36	<3	<3
P99-ST-017	<2	6	<3
P99-ST-018	43	4	46
P99-ST-019	307	4	<3
P99-ST-020	7	3	<3
P99-ST-021	23	<3	<3
STANDARD FA100	47	46	48

GROUP 3B - FIRE GEOCHEM AU, PT, PD - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: ROCK PULP Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 3 1999 DATE REPORT MAILED: Sept 8/99 SIGNED BY. C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data A FA

SAMPLE#	Au** ppb	Pt** ppb	Pd** ppb	SAMPLE gm
C99-ST-035	15	11	11	20.4
C99-ST-036	<1	9	1	30.0
C99-ST-037	12	10	6	27.3
C99-ST-038	8	22	16	8.5
C99-ST-039	8	9	14	30.0
C99-ST-040	9	8	40	30.0
C99-ST-041	11	3	9	24.3
C99-ST-042	2	3	45	10.4
C99-ST-043	28	4	6	27.2
C99-ST-044	23	5	6	30.0
C99-ST-045	3	8	7	30.0
C99-ST-046	2	9	3	30.0
C99-ST-047	107	6	6	30.0
C99-ST-048	96	1	6	29.5
C99-ST-049	56	2	2	20.3
C99-ST-050	65	1	<1	14.2
C99-ST-051	73	2	2	15.4
C99-ST-052	42	<1	<1	7.4
RE C99-ST-047	75	1	<1	10.0
C99-ST-053	335	<1	2	9.7
C99-ST-054	130	<1	<1	6.1
C99-ST-055	227	<1	2	13.7
C99-ST-056	118	<1	1	13.5
STANDARD FA100	50	44	46	30.0

Sample type: SOIL PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

Lysander Gold Corporation PROJECT LYSANDER File # 9903073R Page 1

1006 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Jay Page

SAMPLE#	Au** ppb	Pt** ppb	Pd** ppb	SAMPLE gm
C99-ST-001	23	8	41	30.0
C99-ST-002	13	4	15	30.0
C99-ST-003	19	3	15	30.0
C99-ST-004	15	2	7	30.0
C99-ST-005	17	4	23	30.0
C99-ST-006	6	12	6	30.0
C99-ST-007	8	2	9	17.1
C99-ST-008	9	2	11	30.0
C99-ST-009	19	8	23	18.2
C99-ST-010	5	<1	3	6.9
C99-ST-011	7	9	42	30.0
C99-ST-012	5	2	7	30.0
C99-ST-013	13	7	7	30.0
C99-ST-014	8	3	4	30.0
C99-ST-015	21	4	10	30.0
C99-ST-016	2	10	6	30.0
C99-ST-017	1	10	1	30.0
C99-ST-018	114	10	2	15.6
C99-ST-019	247	6	4	29.6
C99-ST-020	15	2	12	18.1
C99-ST-021	131	6	11	14.9
C99-ST-022	8	2	7	14.6
C99-ST-023	35	9	8	30.0
C99-ST-024	40	3	4	29.6
C99-ST-025	39	8	12	20.8
C99-ST-026	94	1	2	12.7
C99-ST-027	21	2	<1	16.9
C99-ST-028	3	<1	3	30.0
C99-ST-029	110	6	9	19.2
C99-ST-030	15	11	5	24.3
C99-ST-031	8	4	13	30.0
C99-ST-032	1	6	8	30.0
C99-ST-033	5	5	6	9.6
C99-ST-034	5	10	2	20.8
STANDARD FA100	48	48	49	30.0

GROUP 3B - FIRE GEOCHEM AU, PT, PD - TOTAL SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: SOIL PULP

DATE RECEIVED: SEP 3 1999 **DATE REPORT MAILED:** Sept 10/99 **SIGNED BY:** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

ASSAY CERTIFICATE

Lysander Gold Corporation PROJECT JAJAY File # 9903256R2

1006 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Jay Page

SAMPLE#	Cu %
P99-DE-001	22.160

GROUP 7 - MULTI ELEMENT ASSAY - 0.250 GM SAMPLE, AQUA - REGIA DIGESTION TO 100 ML, ANALYSED BY ICP-ES.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP

DATE RECEIVED: SEP 24 1999 DATE REPORT MAILED: Sept 24/99 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data___ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

ASSAY CERTIFICATE

Lysander Gold Corporation PROJECT JAJAY File # 9903256R

1006 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Jay Page

SAMPLE#	Cu %
M99-DE-001	.081
P99-DUCK-001	2.717
P99-DUCK-002	2.648
P99-DUCK-005	20.635
RE P99-DUCK-005	20.753
STANDARD R-1	.821

GROUP 7 - MULTI ELEMENT ASSAY - 0.250 GM SAMPLE, AQUA - REGIA DIGESTION TO 100 ML, ANALYSED BY ICP-ES.
- SAMPLE TYPE: ROCK PULP Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 15 1999 DATE REPORT MAILED: Sept 23/99 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only. Data FA ___

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GEOCHEMICAL ANALYSIS CERTIFICATE

Lysander Gold Corporation PROJECT JAJAY File # 9903255

1006 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Jay Page

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	Pt** ppb	Pd** ppb
C99-DUCK-001	1	53	<3	28	<.3	11	8	442	3.71	<2	<8	<2	2	73	<.2	<3	3	133	.66	.137	7	34	.43	72	.06	<3	.77	.04	.09	<2	15	<1	4

GROUP 1D - 0.50 GM SAMPLE, 3 MLS 2-2-2 AQUA REGIA, 1 HOUR AT 95 DEG. C, DILUTED TO 10 MLS, ICP-ES ANALYSIS. LEACH IS PARTIAL FOR SOME MINERALS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SILT AU** PT** PD** GROUP 3B - BY FIRE ASSAY & ANALYSIS BY ULTRA/ICP. (30 gm)

DATE RECEIVED: SEP 3 1999 DATE REPORT MAILED: Sept 14/99 SIGNED BY. . . . . D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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