

GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORTS
DATE RECEIVED JAN 26 1996

GEOCHEMICAL AND GEOLOGICAL REPORT
ON THE GOLDFIELD CLAIM GROUP

FORT STEELE MINING DIVISION
WILDHORSE RIVER AREA

ASSESSMENT REPORT
N.T.S. 82G 11-14

LAT. 49° 45'

LONG. 115° 33'

SUB-RECORDER RECEIVED * JAN 05 1996 M.R.# \$..... VANCOUVER, B.C.
--

FOR: 402813 ALBERTA LTD.

FILMED

Work Performed Between August 30 and September 10, 1995

REPORTED BY: ERNEST G. OLFERT

DATE: JANUARY 5, 1996

GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,250

- 1.0 INTRODUCTION
- 1.1 LOCATION & ACCESS
- 1.2 PROPERTY STATUS
- 1.3 1995 WORK PROGRAM
- 2.0 HISTORY
- 3.0 REGIONAL GEOLOGY
- 4.0 PROPERTY GEOLOGY & MINERALIZATION
- 5.0 GEOCHEMISTRY
- 5.1 ROCK GEOCHEMISTRY
- 5.2 DISCUSSION OF RESULTS
- 6.0 CONCLUSION & RECOMMENDATIONS

STATEMENT OF EXPENDITURES

STATEMENT OF QUALIFICATIONS

BIBLIOGRAPHY

APPENDIX

- A ANALYTICAL PROCEDURES
- B LABORATORY RESULTS
- C ROCK-SAMPLE DESCRIPTIONS

TABLES

- 1. CLAIM STATUS
- 2. ROCK-RESULTS (Golder #2)

LIST OF FIGURES

- 1. LOCATION MAP 1:250,000
- 2. CLAIM MAP 1:50,000
- 3. PROPERTY GEOLOGY MAP 1:50,000
- 4. SUNSTAR 14 Au TARGET 1:2,500

LIST OF MAPS

MAP#1 GEOLOGY AND ROCK GEOCHEMISTRY GOLDER 2 AREA	1:5,000
MAP#2 GEOLOGY AND ROCK GEOCHEMISTRY GOLDER GROUP	1:10,000
MAP#3 AU GEOCHEMISTRY GOLDER GROUP	1:10,000
MAP#4 Ag GEOCHEMISTRY GOLDER GROUP	1:10,000
MAP#5 Cu GEOCHEMISTRY GOLDER GROUP	1:10,000
MAP#6 Pb GEOCHEMISTRY GOLDER GROUP	1:10,000
MAP#7 Zn GEOCHEMISTRY GOLDER GROUP	1:10,000

1.0 INTRODUCTION

E.G. Olfert was contracted by 402813 Alberta Ltd. of Airdrie Alberta to evaluate the geological and geochemical data for gold and basemetal potential of the Golder claim group near Fort Steele, British Columbia.

This report is based on results of soil-sampling and geological mapping conducted during 1995, work done previously on the claims by the above company and from old reports on properties in the general area.

1.1 LOCATION AND ACCESS

The property is located in the Fort Steele Mining Division, N.T.S. 82G 11-14, about 30 km. N.E. of Cranbrook B.C. (Lat. 49° 45' Long. 115° 30')

Access is via helicopter from several bases in the Cranbrook area and via a logging road flanking the Wildhorse River. Old mining and logging trails provide access to higher elevations.

The claims lie in the rugged Continental Ranges, just east of the Rocky Mt. Trench with elevations ranging from 1300 to 2300 meters. The steep terrain is covered by a variety of subalpine conifers with intermittent rock and talus exposures.

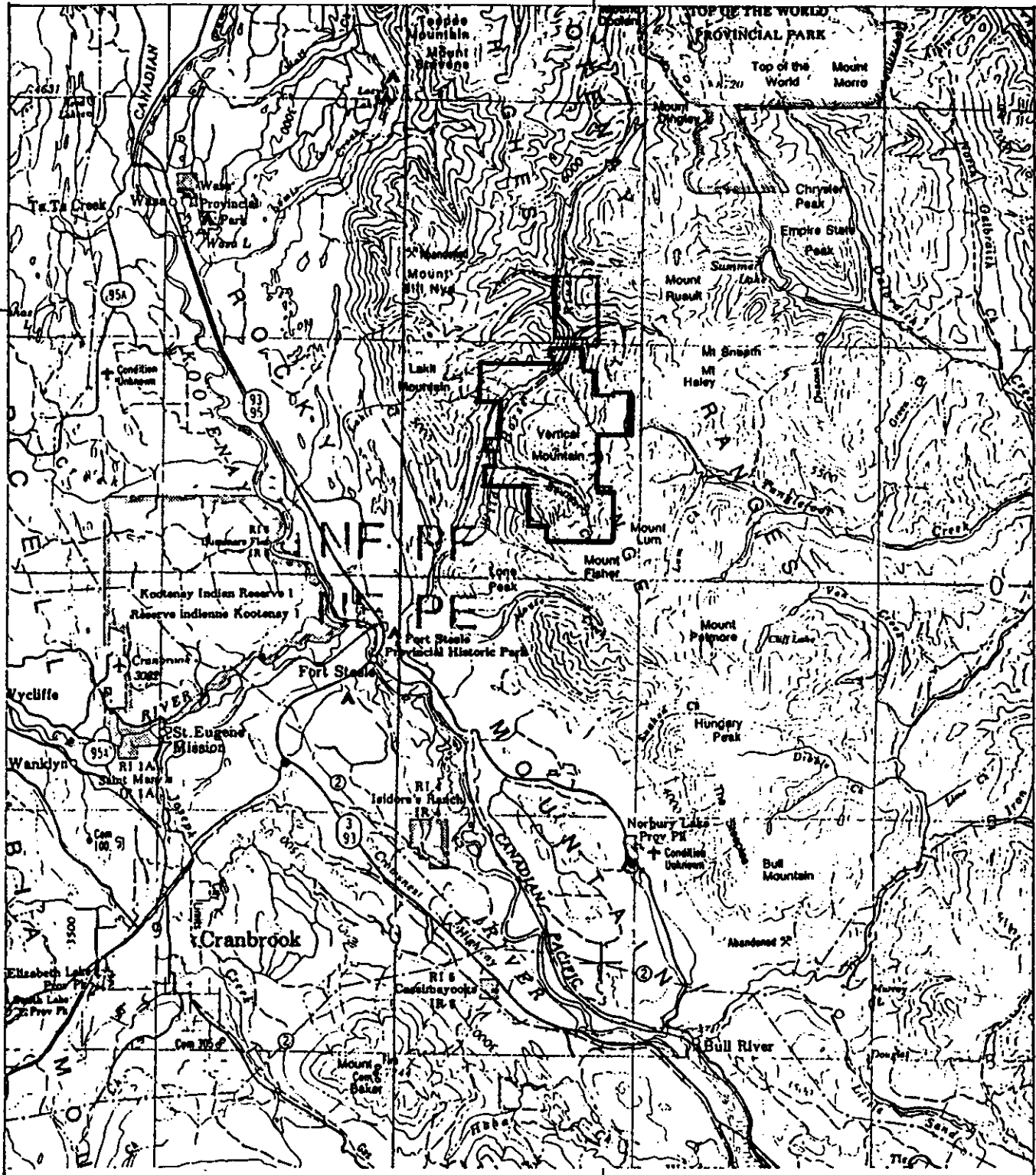
1.2 LAND STATUS

The Golder claim-group consists of 18 claims totalling 98 units.

GROUP	CLAIM	TABLE 1 CLAIM STATUS		STAKING DATE	EXPIRY DATE
		RECORD#	UNITS		
Golder	Boulder 5	210695	18	May 28,89	May 28,97
	MorningGlory1	310137	1	June 15,92	June 15,96
	MorningGlory2	310138	1	June 15,92	June 15,96
	Heaven 1	313334	1	Sept.22,92	Sept.22,96
	Heaven 2	313335	1	Sept.22,92	Sept.22,96
	Sunstar 1	300414	1	June 3,91	June 3,97
	Sunstar 2	300432	1	June 3,91	June 3,97
	Sunstar 3	300433	1	June 3,91	June 3,97
	Sunstar 4	300434	1	June 3,92	June 3,97
	Sunstar 5	300435	1	June 3,92	June 3,96
	Sunstar 6Fr.	302117	1	June 24,92	June 24,96
	Sunstar 8	302118	12	June 26,91	June 26,97
	Sunstar 18	306618	1	Nov. 16,91	Nov. 16,96
	Sunstar 19	306620	15	Nov. 17,91	Nov. 17,96
	Boulder Gold 7	210950	1	Oct. 18,89	Oct. 18,96
	Fractional 3	212208	1	Nov. 16,90	Nov. 16,96
	Golder 1	300063	20	May 18,91	May 18,96
	Golder 2	300065	20	May 18,91	May 18,97

OTHER: The Sunstar 14, ^{claim}lapsed but has now been restaked by the same name.

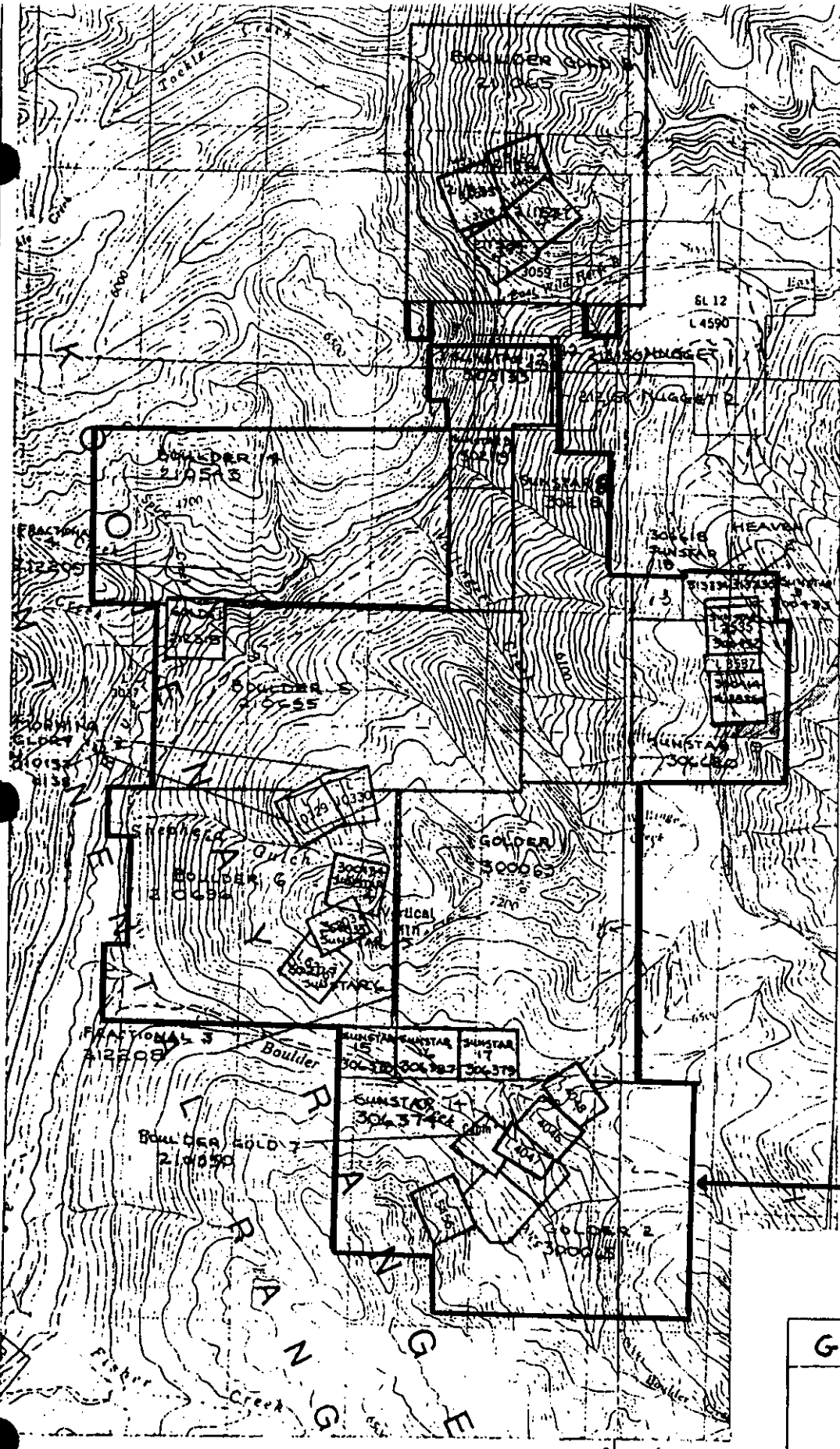
49°45'



115°30'



GOLDER GROUP	
GENERAL LOCATION MAP	
DATE Dec, '95	NTS 82 G
SCALE 1:250,000	FIGURE 1



49°45'



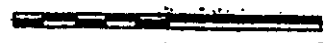
Group	Claim	Title #
BOULDER		
	Boulder Gold 8	211065
	Honey Comb	211534
	Big Bend Boy	211535
	Queen of Sheba	211536
	King Solomon	211537
SUNSTAR		
	Boulder 4	210543
	Boulder 5	210695
	Sunstar 1	300414
	Sunstar 2	300432
	Sunstar 3	300433
	Morning Star 1	310137
	Morning Star 2	310138
	Sunstar 8	302118
	Sunstar 9	302119
	Sunstar 12	309133
	Heaven 1	313334
	Heaven 2	313335
	Nugget 1	212150
	Nugget 2	212151
	Fractional 4	212209
	Sunstar 18	306618
	Sunstar 19	306620
	Golder 1	212318
GOLDER		
	Boulder 5	210695
	MorningGlory1	310137
	MorningGlory2	310138
	Heaven 1	313334
	Heaven 2	313335
	Sunstar 1	300414
	Sunstar 2	300432
	Sunstar 3	300433
	Sunstar 4	300434
	Sunstar 5	300435
	Sunstar 6Fr.	302117
	Sunstar 8	302118
	Sunstar 18	306618
	Sunstar 19	306620
	Boulder Gold 7	210950
	Fractional 3	212208
	Golder 1	300063
	Golder 2	300065

GOLDER

PROPERTY BOUNDARY

GOLDER GROUP	
Claim	
Map	
DATE Dec, '95	NTS 82G/11-14
FIGURE 2	

SCALE 1:50,000



115°30'

1 2K

1.3 1995 WORK-PROGRAM

Reconnaissance contour soil-sampling and mapping were done between Aug.31 and Sept.10 on the Sunstar 8, Boulder 5, Golder 1 and Golder 2 claims. Detailed soil sampling was done on the Sunstar 14 claim but the assessment credits for this work was not recorded since the claim lapsed before work was recorded. The following individuals worked on the property:

C.K. HO; Box 3578 Airdrie Alta. T4B2B8

LEE JOHNSTON; S.S.3 Site 14-27 Cranbrook, B.C. V1C6J6

RICK SKOPIK 1904 Veiner St. N.E. Calgary, Alberta, T2E-6G5

ERNEST G. OLFERT; 3020 Fraser St. Vancouver, B.C. V5T3W3

2.0 HISTORY

Placer gold was first discovered on the Wild Horse River and its tributaries in 1864. In 1893 a reported 6 million dollars of gold was produced from placers. In 1894 gold was discovered in bedrock sources: one of the most important being the Dardenelles deposit located within the boundary of the present Boulder 6 claim. Gold bearing quartz-veins were periodically worked at this site between 1896 and 1919. The Big Chief and Fissure were also discovered and worked to some degree at this time. In more recent times (1975) Magnum Enterprises of Cranbrook shipped 95 tons of ore to the Trail Smelter from the Dardenelles prospect. (Assessment Report #12252 by L. Sookochoff)

The area of the present property had been restaked several^{Time} in recent years prior to being claimed by John M. Kruszewski, who in turn dealt the property to 402813 Alberta Ltd. (1989-1992).

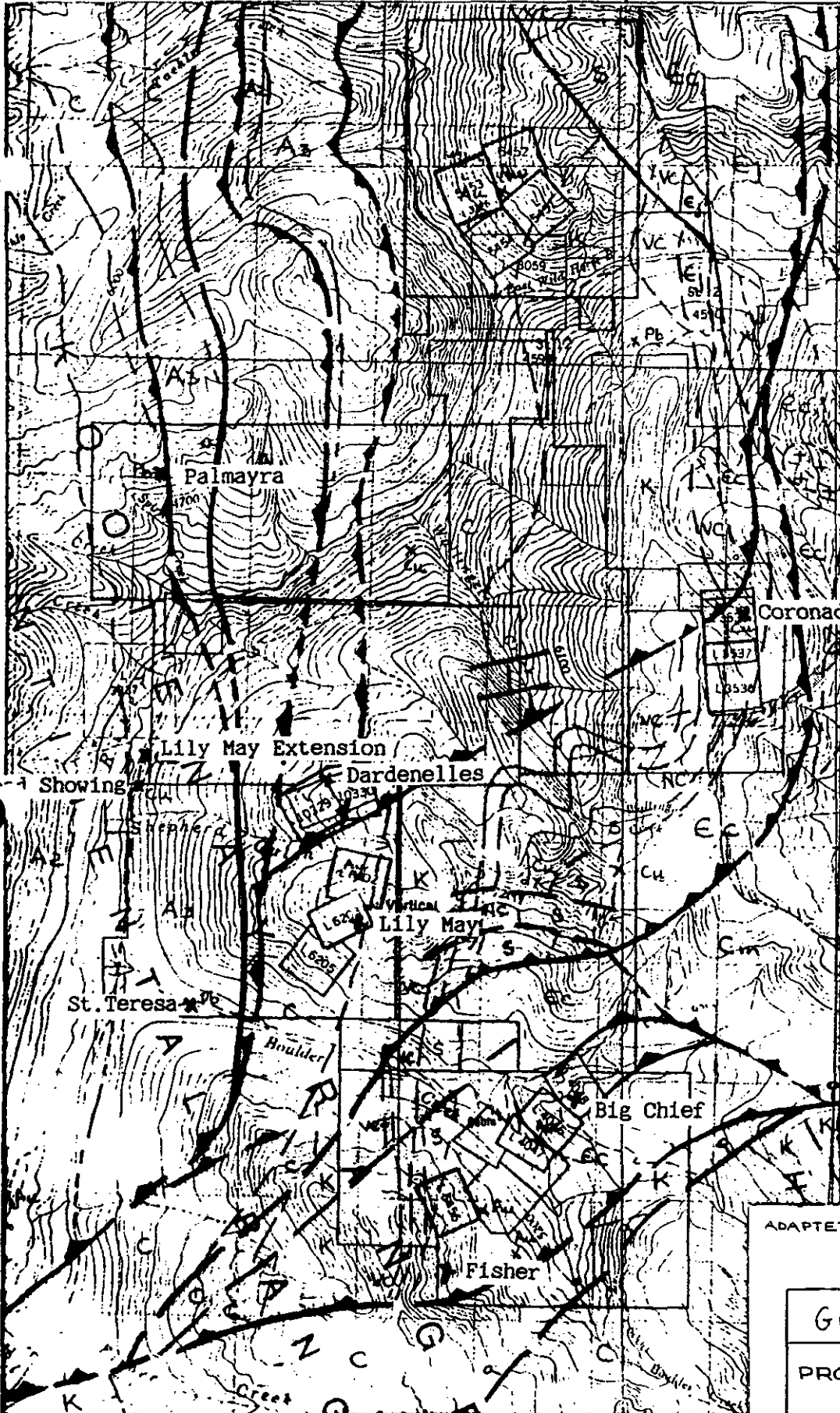
In 1991/92 initial examination of several old workings, contour soil-sampling, and some VLF-EM geophysical surveying was done on the property by the present owners.

In 1993 extensive mapping and soil-sampling was conducted by Ian McCartney et al in the search for stratiform Pb/Zn deposits in the area of the Sunstar Claim-Group. Other areas of the property were further explored for vein-hosted Au targets.

In 1994 further geological and geochemical exploration was conducted at various locations on the property. See assessment reports by the author dated May 1995.

3.0 REGIONAL GEOLOGY (see fig.3)

The area has been mapped by government geologists including: Rice, H.M.A. (1937); Leach, G.B. (1960); and Hoy, T. (1978, 1993). The region is underlain by a thick sequence of clastics and carbonates of Hadryian/Helikian Age known as the Purcell Belt Supergroup. This strata is folded into a broad north-trending anticlinorium that is transected by strike-slip, normal and thrust faults. A few quartz-monzonite to syenite plugs of Cretaceous Age with associated dykes are also known to occur in the area.



49° 45'



LEGEND

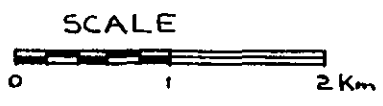
- CRETACEOUS**
- 1 QUARTZ MONZONITE, SYENITE
- CAMBRIAN**
- EC CRANBROOK FORMATION; QUARTZITE
 - EJ JUBILEE FORMATION; DOLOMITE, MARBLE
- HADRYNIAN/HELIKIAN PURCELL SUPERGROUP**
- S SHEPARD FORMATION; DOLOMITE, SILTSTONE
 - NC NIKOL CREEK FORMATION; LAVA FLOWS
 - VC VAN CREEK FORMATION; SILTSTONE, ARGILLITE
 - K KITCHENER FORMATION; DOLOMITE, SILTSTONE
 - C CRESTON FORMATION; ARGILLITE, QUARTZITE
- ALDRIDGE FORMATION**
- Ab ARGILLITE
 - A2 QUARTZITE, SILTSTONE
 - A1 ARGILLITE, SILTSTONE

GEOLOGICAL CONTACT:
 DEFINED, APPROXIMATE

FAULT:
 DEFINED APPROXIMATE

THRUST NORMAL
 MINERALIZATION x

ADAPTED FROM HOY (1993)



115° 30'

GOLDER GROUP	
PROPERTY GEOLOGICAL MAP	
DATE: Dec, '95	NTS 82G/11-14
SCALE 1:50,000	FIGURE 3

Stratiform Pb/Zn deposits such as the Sullivan and the Kootenay King are hosted within the Aldridge Formation. Quartz-veins and Syenitic-dykes in fault-structures contain precious and basemetal mineralization.

4.0 PROPERTY GEOLOGY AND MINERALIZATION (see fig.3 and Map 1 and 2)

The Golder claim-group is underlain by various units of the Aldridge Formation along the western half of the property trending in a north/south direction. This sequence is overlain by an increasingly younger sequence of the Purcell Supergroup from the Creston Fm. at the base (quartzite) to the Shepard Fm. at the top (dolomites and siltstones). A large wedge of Cambrian Quartzites of the Cranbrook Fm. tops the stratigraphic sequence straddling the eastern margin of the property. A number of thrust and strike/slip faults. trend north/south parallel to stratigraphy while others transect in a N.E./S.W. direction.

Mapping on the Golder 1 claim along the ridge-top revealed a good stratigraphic section from the probable Kitchener/Vancreek Formations on the west side of the claim through the Nicol Creek Volcanics and into the Sheppard Formation Carbonates and Siltstones on the east side of the claim, at the top of the sequence. The section is probably overturned with steep dips to the west. Several gossanous zones with some having traces of Cu stains occur in the eastern part of the claim. One old trench occurs just off the eastern claim border but without any fresh sulphides.

The Sunstar 19 claim covers a large rusty weathered ridge of siltstone and minor carbonates which probably form part of the Sheppard Fm. Disseminated pyrite is widespread; one old hand-trench occurs at the south end but no fresh sulphides were encountered here.

Several old workings were rediscovered in the southwest corner of the Golder 2 claim. Quartz-carbonate altered structures up to 5 meters wide contain intermittent pyrite and galena, and traces of chalcopyrite; grab samples contain up to 4 to 5 grams of gold. see table 2 below.

TABLE 2 GOLDER 2 GOLD-SAMPLES

<u>Sample</u>	<u>Au</u> ppb	<u>Ag</u> ppm	<u>Cu</u> ppm	<u>Pb</u> ppm	<u>Zn</u> ppm	<u>Sample-type</u>
95-RS-02	4280	<0.3	6	10	43	grab-outcrop
95-RS-04	2140	251.7	24	18126	60	trench-rubble
GR-4	5300	1.6	38	694	29	float-grab

These structures tend to trend east/northeast and occur within quartzites and argillites of the possible Cranbrook Fm. These showings are probably the old Fisher Showings which are reported to contain up to 1.56 oz./ton Ag (Bojczysyn

1990).

Minor addition sampling was done about one kilometre north of the above showings to locate the source of the Au geochemical anomalies on the old Sunstar 14 claim but rock-samples all contained 300 ppb. Au or less (95-RS-06, 95-ER-5). Most of this area is also within the overturned Cranbrook Fm. (quartzites)

A number of other mineralized showings occur elsewhere within the area of the Golder claim-group or surrounding claims and are described as follows:

DARDENELLES (not part of the property)

Old workings have exposed a quartz-vein in and along an altered syenite dyke which cuts the Creston Fm. The vein, which is believed to occupy a small thrust-fault, is one to three feet in width and contains galena and chalcopyrite mineralization. Several other veins similar in nature are also mineralized and have been periodically mined for gold in the past. Grades up to 1.0 oz./ton have been reported. (Bojczyszyn 1990) Structurally the veins strike N.W. and N.E. with dips 20-25* south.

PALMAYRA

These old workings are located on the Boulder 4 claim where a number of syenite dykes cut Aldridge Fm. Argillites. The dykes have been faulted and shattered creating fractures which have been filled with quartz-stringers mineralized with pyrite and galena.

LILY MAY (not part of the property)

Old workings have exposed a quartz-vein varying from 6 inches to 3 feet in width over a length of 260 feet. The vein occupies a small fault, strikes N.15*W. and dips to the S.E. at 30*. Several samples containing sparse galena mineralization have been reported to contain 0.22 to 0.38 oz./ton Au across 12 to 16" with several ounces of silver. (Bojczyszyn 1990)

LILY MAY EXTENSION

These workings are located just off the property, west of the Boulder 5 claim, exposing a shattered carbonatized syenite dyke up to 7 feet wide. Quartz veinlets occupying fractures carry galena, chalcopyrite, pyrite and minor siderite.

BIG CHIEF (not part of the property)

Old tunnels expose the contact between a syenite porphyry dyke up to 30 feet wide and argillaceous rocks. The dyke strikes N.E./S.W., is altered, and mineralized with quartz stringers and fracture fillings carrying galena, chalcopyrite, pyrite and traces of native Au. A Au assay of 0.68 oz./ton Au across a 2 foot square patch of the main working has been reported with 1.2 oz./ton Ag. (Bojczyszyn). Some parts of the dyke are silicified and mineralized with pyrite.

CORONADO

Located on the Sunstar 2 claim this showing is reported to contain Cu, Ag mineralization.

ROAD SHOWING [FORD VEIN]

The showing is located on a road cut in the N.W. corner of the Boulder 6 claim, just south of the Lily May Extension. A narrow quartz-vein, striking N.W./S.E. and dipping S.W., contains minor ankerite, malachite and pyrite mineralization.

ST. THERESA

These workings are thought to be located on the Boulder 6 claim, near Boulder Creek, at an elevation of approximately 3,200 feet. An irregular quartz vein of unknown width is exposed in two short tunnels in faulted Aldridge Argillites. A sample from the vein, containing disseminated pyrite and galena, assayed 2.0 oz./ton Ag, 2% Pb and trace Au. (Kruszewski 1989)

5.0 GEOCHEMISTRY

A total of 191 soil-samples and 14 silt samples were collected during the 1995 exploration program. Of this total 64 soils were collected on the old Sunstar 14 claim to follow-up on a previous Au anomaly while 127 soils were collected along reconnaissance contour traverses in other areas of the Golder-group. All samples were analyzed for Au using the Fire assay AA method and by the 30 element ICP method; see appendix for results. Results for Au, Ag, Cu, Pb, Zn, are plotted on maps 3-7. Some Mo values are plotted with Cu on map#5. Au values in the Sunstar 14 area are plotted on fig.#4.

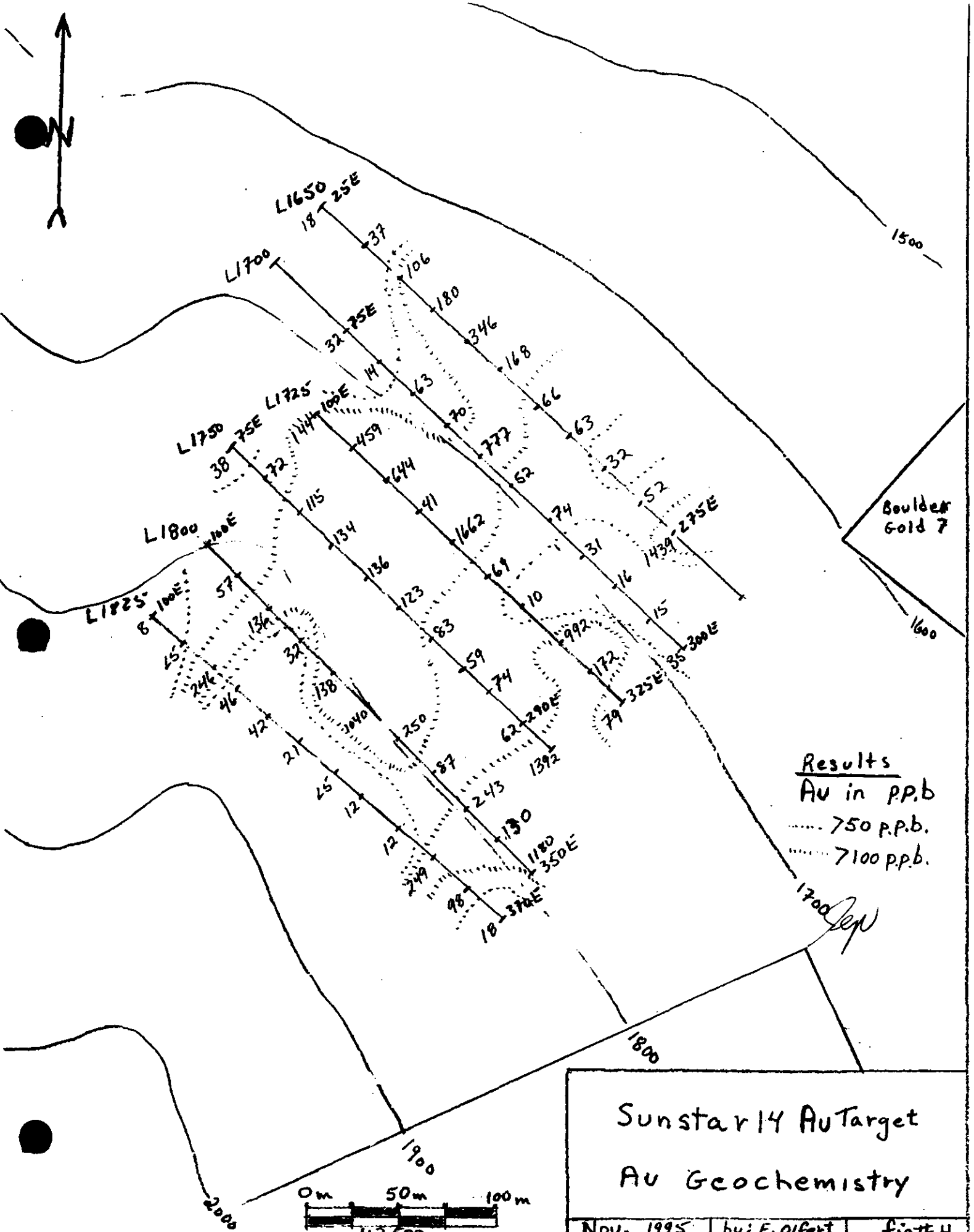
The soil horizon is thin at higher elevations and the B-horizon is not always present. Increased soil depth and local glacial material is present at lower elevations. Rock and talus exposures occur with increased frequency at higher elevations.

No statistics have been done on the data; instead significant values for the different elements have been determined from work done in the area; anomalous thresholds are as follows:

a) In the Recce. areas metal values are considered as anomalous and contoured as follows: Au >15ppb.; Ag >1.0ppm.; Cu >75ppm.; Pb >50ppm.; Zn >125ppm. b) In the detailed follow-up area (Sunstar 14) Au values are contoured as >50 ppb. and >100 ppb. (fig.# 4)

5.1 ROCK GEOCHEMISTRY

A total of 23 rock samples were collected of which 4 samples were from the Recce. areas and 19 samples were from the Golder area (Fissure-showings) and the old Sunstar 14 area. Au values range from 5 to 5300 ppb., Ag up to 251.7ppm; Cu up to 268ppm; Pb up to 18,126ppm; and Zn up to 86ppm. See also the section above on Property Geology and Mineralization.



Boulder Gold 7

Results
 Au in p.p.b.
 750 p.p.b.
 7100 p.p.b.

1700 Sep

Sunstar 14 Au Target
 Au Geochemistry
 Nov. 1995 by: E. Olfert fig# 4

5.2 DISCUSSION of RESULTS

- A) Golder 2 area: significant Au values occur in rock-samples from old adits and trenches of the probable old Fissure showings, up to 5 grams/tonne.
with
- B) Sunstar 14 area: detailed soil-sampling has outlined a Au geochemical anomaly at least 250 X 250 meters in size and open along contour to the southeast and downslope to the north.

C) Reconnaissance area:

ANOMALY A on the Boulder 5 claim, contains the best Au soil anomaly, over 250 meters along a contour sample line, although the highest Au value is only 80 ppb. No other anomalous elements are coincident with the Au anomaly although traces of Chalcopyrite, and galena were found by prospecting in the area.

ANOMALY B/C consists of a >75 ppm. Cu anomaly for almost 1 kilometre along a sample line on the Sunstar 8 claim. A high value of 358 ppm. Cu occurs at station GL-6. Some spotty anomalous Au values occur here as well, the best of which is 240 ppb. Au at station number EL-20.

ANOMALY D consists of a few weakly anomalous (Cu, Zn, and Au) soil sample stations at the south end of Sunstar 8 claim. Values include a high of 30ppb.Au, 182 ppm. Cu, and 197 ppm. Zn. Several silt-samples taken downstream from the soil-anomaly are weakly anomalous in Zn.

ANOMALY E consists of several isolated small gossanous spots near the eastern-boundary of Golder 1 claim. One location has an old hand-trench. Gossan zones are not continuous, with extensive barren rock exposed between sample-points. High soil values include 30 ppb.Au, 11,801 ppm Zn, 724ppm.Pb, 3.8 ppm Ag and 274 ppm Cu. Mo values also tend to be slightly anomalous with a high of 44 ppm..

OTHER areas such as the southern part of Sunstar 19 contains a large gossanous hill side with traces of fine grained pyrite; a rock-sample from an old hand- pit contained 220 ppm Cu and 221 ppm Mo (EGR-1).

SEVERAL weakly anomalous Cu values occur in soils in the central Golder 1 claim area but extensive outcrop in the area precludes much of potential interest.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Reconnaissance Area

1. Some prospecting and rock-sampling is recommended in the area of Anomaly A (Boulder 5) to locate a possible source for this Au anomaly.
2. Some prospecting and rock-sampling in the area of Anomaly B,C,and D is recommended to search for a possible low-grade large-tonnage Cu or Cu/Au target.
3. Anomaly E appears too patchy and isolated, with extensive rock exposure.
4. Some sampling and prospecting using helicopter access is recommended in the Sunstar 18/19 area where further visual gossans were noted but not field checked.


Golder 2 Area

1. The best Au showings discovered on the property to date occur in the southwest corner of this claim; these showings are probably the old Fissure Showings. Structures containing quartz/carbonate alteration and minor sulphides are up to 5 meters wide. Some grid-mapping and sampling is recommended to uncover all the Au-bearing structures in this area.

Sunstar 14 Area

1. The detailed soil-sampled area containing the Au anomaly needs some further prospecting and rock-sampling to locate all the Au sources. Work to date in this area, which has extensive rock exposure, has located many weakly anomalous rock samples up to 345 ppb. Au. This may be the ultimate source in which case this target would be potentially uneconomic.

Report by:



E. G. GILBERT
PROFESSIONAL
PROVINCE OF
BRITISH COLUMBIA
GEOSCIENTIST

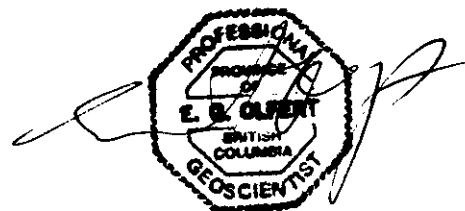
[Handwritten signature]

Statement of Expenditure

Geological Consulting and Labour	7,470.70
Motel and food	1,381.90
Truck and fuel (4X4)	1,182.51
Helicopter	497.12
Geological supplies etc.	213.45
Geochemical analysis	3,596.00
Report preparation	1,250.00
Total	15,591.68

Expenditures occurred as follows:

Sunstar 8, Golder 1 and Sunstar 19	4,100.00
Golder 2 and Boulder 5	7,820.00
Sunstar 14 (not used for assessment credit)	3,671.68



STATEMENT OF QUALIFICATIONS

I Ernest G. Olfert with business address at 3020 Fraser St., Vancouver, B.C. do hereby certify that:

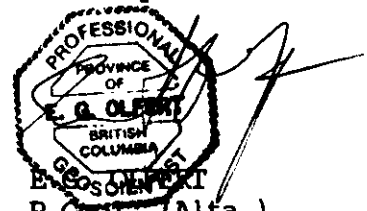
1. I am a consulting geologist registered with the Professional Engineers and Geoscientists of B.C. and am entitled to use this seal.

2. I am also registered with the Geological Association of Canada as a fellow-member and as a Professional Geologist with the Professional Engineers, Geologists and Geophysicists of Alberta.

3. I have based this report on geochemical soil-sampling and geological traverses made by the author et al during the 1995 field program and on previous reports done on the property.

4. I have no interest in the property described in this report and will receive only nominal consulting fees for the preparation of this report.

Signed By:



E. G. OLFERT
P. Geol. (Alta.)
P. Geo. (B.C.)
Fellow, G.A.C.

BIBLIOGRAPHY

1. B.C. Ministry of Mines Handbook 1902
2. Bojczyszyn, T.
1990 Geophysical and geological evaluation of the Boulder Gold property, 82G/11,12;Taiga Consultants Ltd., British Columbia Ministry of Energy Mines and Petroleum Resources, Assessment Report 20061, 27p.
3. Gill, F.D.
1970 Geological report on the Cedar 1-27 claims, 82 G/12; Cominco Ltd.;British Columbia Ministry of Energy, Mines and Petroleum Resources, Assessment Report 2574, 4p.
4. Hoy, T.
1978 Geology of the Estella-Kootenay King area, southeastern British Columbia, 82G/12, 13;British Columbia Ministry of Energy, Mines and Petroleum Resources, notes to accompany Preliminary Map 28, 11p.
5. Hoy,T.
1989 The age, chemistry, and tectonic setting of the Middle Proterozoic Movie sills, Purcell Supergroup, southeastern British Columbia; Canadian Journal of Earth Sciences, v.26, p.2305-2317.
6. Hoy, T.
1993 Geology of the Purcell Supergroup in the Fernie West-Half map area, southeastern British Columbia, British Columbia Ministry of Energy Mines and Petroleum Resources, Bulletin 84, 157p.
7. Kregosky, R.
1982 Prospecting report on the Tit for Tat claim group;82 G/12; Albury Resources Ltd.; British Columbia Ministry of Energy, Mines and Petroleum Resources, Assessment Report 10732, 14p.
8. Kruszewski, J.M.
1989 Summary report on the Boulder Creek gold prospects, 82 G/11, 12; Boulder Gold Corp. Internal Report, 9p.
9. Leitch, C.H.B., Turner, R.J.W. and Hoy, T.
1991 The district-scale Sullivan-North Star alteration zone, Sullivan mine area, British Columbia; a preliminary petrographic study; in Current Research, Part E; Geological Survey of Canada, Paper 91-1E, p.45-57.

10. Matysek, P.F.
British Columbia Regional Geochemical Survey, Fernie (NIS 82G);
British Columbia Ministry of Energy, Mines and Petroleum
Resources, RGS 27.
11. Olfert, E.G.
Assessment report, SUNSTAR GOLDER GROUPS, 1995
Assessment report, BOLDER GROUP, 1994
12. Pighin, D.L.
1974 Report of geochemical survey on the Cedar Extension Group, 82
G/11, 12; Cominco Ltd.; British Columbia Ministry of Energy,
Mines and Petroleum Resources, Assessment Report 5436, 5p.
13. Sookochoff, L.
1983 Geophysical and geochemical surveys on the "A" mineral claim,
82 G/12; Justice Mining Corp.; British Columbia Ministry of
Energy, Mines and Petroleum Resources, Assessment Report 12252
11 p.
14. Skopik, Rick
Geological, geochemical and geophysical evaluation of the Boulder
Gold Property 82 G/11-14; B.C. Ministry of Mines Assessment
Reports
filed in 1991, 1992, 1993.

APPENDIX 1



PREPARATION PROCEDURES FOR GEOCHEMICAL SAMPLES

SOIL AND SILTS:

- A) The soil sample bags are placed in dryers to dry at 105 C.
- B) Each sample is broken up using wood hammer and passed through an 80 mesh nylon seive. The + 80 mesh material is discarded.
- C) The - 80 mesh material is transfer into a zip-lock plastic bag and delivered to the laboratory for analysis.

ANALYTICAL PROCEDURES FOR 30 ELEMENTS ICP

- A) 0.500 gm. of sample is digested with 3 ml of 3-1-2 HCL-HNO₃-H₂O at 95 degree C for one hour and is diluted to 10 ml with water in test-tube.
- B) The test-tubes is shaken and the solution is mixed thoroughly.
- C) The samples are loaded into auto-sampler of the ICP unit and run with standard when the setup is completed.

GEOCHEMICAL ANALYSIS OF GOLD BY FIRE ASSAY/AA

- A) Weigh 10 grams of sample into a fire assay crucible with appropriate amount of fluxes and flour and mix.
- B) Add palladium inquart.
- C) Place crucible in assay furnace and fuse for 40 minutes.
- D) Pour samples, remove slag and cupel buttons.
- E) Place bead in test tubes and dissolve with aua-regia.
- F) After dissolution is completed, make to appropriate volume and run against similarly prepared gold standards on Atomic Absorption unit.

APPENDIX 2

To: 402813 ALBERTA LTD.
 P.O. Box 3578
 Airdrie, Alberta
 T4B 2B8
 ATTN: Dr. C.K. Ho



File No : 37648
 Date : September 29, 1995
 Samples : Rock/Soil
 Project :
 P.O.#

Certificate of Assay Loring Laboratories Ltd.

Sample No.	PPB Au
Geochemical Analysis	
1650- 25E	18
1650- 50E	37
1650 - 75E	106
1650-100E	180
1650-125E	346
1650-150E	168
1650-175E	66
1650-200E	63
1650-225E	32
1650-250E	52
1650-275E	1439
1700- 75E	32
1700-100E	14
1700-100E SMR	63
1700-125E	70
1700-150E	777
1700-175E	52
1700-190E	74
1700-225E	31
1700-250E	16
1700-275E	15
1700-300E	35
1725-100E	144
1725-125E	459
1725-150E	644
1725-175E	41
1725-200E	1662
1725-225E	69
1725-250E	10
1725-275E	992

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples :

[Signature]
 Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.

To: 402813 ALBERTA LTD.
P.O. Box 3578
Airdrie, Alberta
T4B 2B8
ATTN: Dr. C.K. Ho



File No : 37648
Date : September 29, 1995
Samples : Rock/Soil
Project :
P.O.#

Certificate of Assay Loring Laboratories Ltd.

Sample No.	PPB Au
1725-300E	172
1725-325E	79
1750-75E	38
1750-100E	72
1750-125E	115
1750-150E	134
1750-175E	136
1750-200E	123
1750-225E	83
1750-250E	59
1750-265E	74
1750-290E	62
1750-310E	1392
1800-125E	57
1800-150E	136
1800-175E	32
1800-200E	138
1800-225E	1040
1800-250E	250
1800-275E	87
1800-300E	243
1800-325E	130
1800-350E	1180
1825-100E	8
1825-125E	<5
1825-150E	246
1825-175E	46
1825-200E	42
1825-225E	21
1825-250E	<5
1825-275E	12

I HEREBY CERTIFY that the above results are those assays
made by me upon the herein described samples :


Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.

To : 402813 ALBERTA LTD.
P.O. Box 3578
Airdrie, Alberta
T4B 2B8
ATTN : Dr. C.K. Ho



File No : 37648
Date : September 29, 1995
Samples : Rock/Soil
Project :
P.O.# :

Certificate of Assay Loring Laboratories Ltd.

Sample No.	PPB Au
1825-300E	12
1825-320E	249
1825-345E	98
1825-370E	18
95-RS-02	4280
95-RS-03	349
95-RS-04	2140
95-RS-05	190
95-RS-06	300
95-RS-07	<5
95-RS-09	128
95-RS-10	200
95-RS-11	33
GR-4	5300
GR-5	52
GR-6	43
GR-7	36
GR-8	<5
GR-9	20
GR-10	88
GR-11	<5
GR-12	5
GR-13	90
GR-14	34

I HEREBY CERTIFY that the above results are those assays
made by me upon the herein described samples :


Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.

To: 402813 ALBERTA LTD.
 P.O. Box 3578
 Airdrie, Alberta
 T4B 2B8
 ATTN: Dr. C.K. Ho



File No : 37687
 Date : October 12, 1995
 Samples : Soil/Rock
 Project :
 P.O. #

Certificate of Assay Loring Laboratories Ltd.

Sample No.	PPB GOLD
<u>Geochemical Analysis</u>	
EL- 1	<5
EL- 2	15
EL- 3	7
EL- 4	8
EL- 5	<5
EL- 6	<5
EL- 7	27
EL- 8	16
EL- 9	<5
EL-10	<5
EL-11	<5
EL-12	<5
EL-13	<5
EL-14	<5
EL-15	<5
EL-16	24
EL-17	<5
EL-18	18
EL-19	<5
EL-20	240
EL-21	<5
EL-22	<5
EL-23	<5
EL-24	20
EL-25	10
EL-26	5
EL-27	30
GL- 1	10
GL- 2	8
GL- 3	13

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples :

Jung Anley
 Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.

To : 402813 ALBERTA LTD.
P.O. Box 3578
Airdrie, Alberta
T4B 2B8
ATTN : Dr. C.K. Ho



File No : 37687
Date : October 12, 1995
Samples : Soil/Rock
Project :
P.O. #

Certificate of Assay Loring Laboratories Ltd.

Sample No.	PPB GOLD
GL- 4	<5
GL- 5	15
GL- 6	39
GL- 7	40
GL- 8	33
GL- 9	80
GL-10	17
GL-11	14
GL-12	10
GL-13	38
GL-14	8
GL-15	6
GL-16	10
GL-17	7
GL-18	<5
GL-19	6
GL-20	11
GL-21	6
GL-22	<5
GL-23	8
GL-24	<5
GL-25	7
GL-26	8
GL-27	<5
GL-28	12
GL-29	7
GL-30	<5
GL-31	29
GL-32	8
GL-33	9

I HEREBY CERTIFY that the above results are those assayed
made by me upon the herein described samples :


Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.

To: 402813 ALBERTA LTD.
 P.O. Box 3578
 Airdrie, Alberta
 T4B 2B8
 ATTN: Dr. C.K. Ho



File No : 37687
 Date : October 12, 1995
 Samples : Soil/Rock
 Project :
 P.O. #

Certificate of Assay Loring Laboratories Ltd.

Sample No.	PPB GOLD
GL-34	<5
GL-35	5
ET-28	12
ET-29	10
ET-30	<5
ET-31	<5
ET-32	9
ET-33	5
LT- 1	8
GT- 1	<5
GT- 2	<5
JT- 1	<5
JT- 2	24
JT- 3	<5
JT- 4	<5
JT- 5	<5
AL- 1	<5
AL- 2	<5
AL- 3	<5
AL- 4	30
AL- 5	<5
AL- 6	<5
AL- 7	6
AL- 8	89
AL- 9	<5
AL-10	<5
AL-11	5
AL-12	<5
AL-13	<5
AL-14	9
LJ- 1	<5

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples :


 Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.

To : 402813 ALBERTA LTD.
P.O. Box 3578
Airdrie, Alberta
T4B 2B8
ATTN : Dr. C.K. Ho



File No : 37687
Date : October 12, 1995
Samples : Soil/Rock
Project :
P.O. #

Certificate of Assay Loring Laboratories Ltd.

Sample No.	PPB GOLD
LJ-2	5
LJ-3	5
LJ-4	<5
LJ-5	<5
LJ-6	5
LJ-7	30
LJ-8	<5
LJ-9	<5
LJ-10	18
LJ-11	<5
LJ-12	<5
LJ-13	<5
LJ-14	64
LJ-15	<5
LJ-16	<5
LJ-17	5
LJ-18	<5
LJ-19	<5
LJ-20	<5
LJ-21	<5
LJ-22	<5
L-1	<5
L-2	<5
L-3	<5
L-4	<5
L-5	<5
L-6	<5
L-7	<5
L-8	<5
L-9	34
L-10	16

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples :

Stanley
Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.

To: 402813 ALBERTA LTD.
P.O. Box 3578
Airdrie, Alberta
T4B 2B8
ATTN: Dr. C.K. Ho




File No : 37687
Date : October 12, 1995
Samples : Soil/Rock
Project :
P.O. #

Certificate of Assay Loring Laboratories Ltd.

Sample No.	PPB GOLD
L-11	<5
L-12	<5
L-13	<5
L-14	8
L-15	<5
L-16	16
L-17	<5
L-18	6
L-19	<5
L-20	14
L-21	<5
L-22	16
L-23	<5
L-24	<5
L-25	<5
L-26	<5
L-27	<5
L-28	<5
L-29	<5
L-30	<5
EGR-1 (Rock)	5
EGR-2 (Rock)	<5
EGR-3 (Rock)	8

I HEREBY CERTIFY that the above results are those assays
made by me upon the herein described samples :


Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance



Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
 Calgary Alberta T2K 4W7
 Tel: 274-2777 Fax: 275-0541

FILE: 37648
 TO: 402813 ALBERTA LTD.

30 Elements ICP Analysis

DATE: Sept 30, 1995

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
1850-25E	1	23	39	76	0.3	29	9	470	2.76	8	<5	<2	8	14	1.7	11	7	28	0.28	0.036	15	16	0.45	595	0.07	<3	2.29	0.01	0.12	2
RE 1850-25E	1	19	29	64	0.3	26	9	457	2.70	9	<5	<2	5	14	1.0	4	3	27	0.28	0.033	15	16	0.44	584	0.07	5	2.26	0.02	0.11	<2
1850-50E	1	15	26	75	0.3	15	9	1284	3.11	5	<5	<2	6	15	1.1	6	4	22	0.76	0.178	15	16	0.36	683	0.04	7	1.41	0.01	0.15	2
1850-75E	1	22	35	48	<.3	19	11	324	2.12	8	8	<2	4	14	1.4	4	2	24	0.28	0.037	19	14	0.45	282	0.04	3	1.37	0.01	0.16	<2
1850-100E	3	62	207	77	0.3	22	9	179	4.38	16	<5	<2	8	9	0.8	4	3	36	0.09	0.087	21	18	0.45	109	0.07	6	2.02	0.01	0.14	<2
1850-125E	1	32	34	63	<.3	29	10	2113	9.64	13	9	<2	7	27	0.7	3	12	23	0.58	0.049	26	14	0.35	177	0.07	7	2.02	0.01	0.10	<2
1850-150E	1	26	41	82	<.3	31	17	2041	4.84	23	<5	<2	4	26	0.7	5	7	25	0.47	0.059	18	15	0.37	126	0.07	5	2.73	0.01	0.09	<2
1850-175E	1	22	32	92	<.3	27	18	3123	4.85	17	<5	<2	4	33	0.7	5	<2	30	0.52	0.116	15	21	0.50	168	0.06	6	2.18	0.01	0.11	2
1850-200E	1	33	37	82	<.3	27	16	723	4.37	14	<5	<2	3	12	0.8	3	9	35	0.15	0.109	15	20	0.41	87	0.10	<3	3.07	0.02	0.10	<2
1850-225E	1	16	21	55	<.3	19	10	321	3.04	11	<5	<2	2	22	0.6	<2	<2	32	0.27	0.054	12	16	0.39	93	0.08	<3	2.30	0.01	0.07	<2
1850-250E	1	26	22	79	<.3	26	13	607	3.49	17	<5	<2	4	20	0.3	<2	4	26	0.23	0.088	19	25	0.73	138	0.04	<3	1.92	<.01	0.07	<2
1850-275E	<1	21	25	68	<.3	24	12	362	3.63	15	5	<2	2	22	0.7	<2	<2	23	0.39	0.098	13	18	0.45	94	0.04	<3	2.28	0.01	0.07	2
1700-75E	1	20	36	64	<.3	10	7	1334	2.61	8	<5	<2	3	21	0.8	2	<2	17	1.06	0.071	15	12	0.44	1021	0.03	6	1.43	0.01	0.16	<2
1700-100E	<1	25	12	32	<.3	8	5	138	1.17	7	<5	<2	6	12	0.6	2	<2	14	0.24	0.034	23	6	0.08	278	0.02	4	0.68	<.01	0.11	<2
1700-100E SMR	1	16	31	57	<.3	26	12	384	4.24	10	<5	<2	4	20	1.1	2	<2	43	0.38	0.033	17	36	0.75	150	0.09	<3	2.94	0.01	0.09	<2
1700-125E	1	23	45	57	0.3	34	14	4894	6.10	15	<5	<2	8	27	1.0	7	9	32	0.44	0.067	29	36	0.52	312	0.08	4	2.45	0.02	0.10	<2
1700-150E	1	29	31	100	<.3	24	15	545	4.06	13	<5	<2	2	9	0.9	2	<2	28	0.13	0.070	17	22	0.52	87	0.05	<3	2.12	<.01	0.09	<2
1700-175E	1	23	26	64	<.3	26	16	443	3.82	11	<5	<2	4	14	0.3	5	<2	31	0.17	0.058	17	19	0.44	134	0.07	3	2.73	0.01	0.09	<2
1700-190E	1	29	25	82	<.3	24	16	601	3.20	8	<5	<2	5	18	<2	2	<2	25	0.26	0.098	16	18	0.53	104	0.07	<3	2.52	0.01	0.09	<2
1700-225E	1	27	24	107	<.3	30	17	596	3.85	18	<5	<2	4	20	0.8	4	<2	37	0.30	0.099	16	22	0.61	165	0.09	5	2.36	<.01	0.13	<2
1700-250E	<1	26	36	98	0.3	26	18	1670	3.66	13	<5	<2	4	28	0.4	2	2	30	0.44	0.070	15	21	0.49	164	0.09	<3	3.27	0.02	0.09	<2
1700-275E	1	48	48	113	0.3	31	20	1605	3.76	17	<5	<2	6	60	1.1	4	8	21	1.85	0.049	13	20	0.52	186	0.06	6	2.57	0.02	0.14	<2
1700-300E	1	54	47	125	0.3	29	26	2848	4.45	12	<5	<2	4	34	0.6	3	2	22	0.99	0.094	11	16	0.58	252	0.03	5	1.86	0.01	0.10	<2



Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
 Calgary Alberta T2K 4W7
 Tel: 274-2777 Fax: 275-0541

FILE: 37648
 TO: 402813 ALBERTA LTD.

30 Elements ICP Analysis

DATE: Sept 30, 1995

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
1725-100E	1	31	71	69	0.3	31	17	953	3.32	11	< 5	< 2	5	23	0.7	4	< 2	33	0.68	0.114	19	45	0.70	595	0.06	4	1.84	0.01	0.15	< 2
1725-125E	2	25	18	68	< .3	39	15	515	6.45	13	< 5	< 2	10	10	1.0	< 2	5	39	0.14	0.051	26	31	0.52	150	0.05	< 3	2.32	0.01	0.11	< 2
1725-150E	1	23	15	63	< .3	17	9	172	3.60	8	< 5	< 2	7	10	0.2	< 2	< 2	26	0.10	0.122	23	17	0.61	193	0.04	3	2.09	0.01	0.09	< 2
1725-175E	1	18	12	45	< .3	15	10	927	4.92	9	< 5	< 2	4	14	0.4	2	4	33	0.29	0.079	13	16	0.30	140	0.07	3	2.27	0.01	0.10	< 2
1725-200E	1	24	19	64	0.3	19	11	1065	3.87	7	< 5	< 2	4	13	0.7	4	3	26	0.36	0.074	16	18	0.64	216	0.03	5	2.06	< .01	0.14	< 2
1725-225E	1	18	22	65	< .3	18	11	1715	4.20	7	< 5	< 2	4	19	< .2	4	2	29	0.46	0.067	15	18	0.46	293	0.07	4	2.32	0.01	0.10	< 2
1725-250E	< 1	22	25	49	< .3	21	7	3449	14.38	17	5	< 2	8	24	0.6	4	14	20	0.62	0.102	20	11	0.26	110	0.05	< 3	1.57	0.01	0.10	< 2
1725-275E	< 1	33	54	98	< .3	29	18	2739	7.70	20	< 5	< 2	8	29	0.2	4	< 2	25	0.62	0.100	18	19	0.51	162	0.05	< 3	2.19	0.01	0.13	< 2
1725-300E	1	35	36	96	< .3	26	21	3443	3.53	14	< 5	< 2	4	37	0.4	6	2	28	0.92	0.084	10	16	0.39	309	0.08	7	2.11	0.02	0.13	< 2
1725-325E	1	37	29	75	< .3	14	15	1189	4.78	4	< 5	< 2	2	15	0.4	< 2	6	28	0.37	0.074	12	17	0.38	235	0.03	4	1.44	0.01	0.09	< 2
1750-75E	< 1	18	13	45	< .3	11	9	584	2.60	6	< 5	< 2	4	12	0.6	2	< 2	23	0.30	0.026	20	13	0.64	487	0.03	3	1.29	< .01	0.12	< 2
1750-100E	1	22	28	67	< .3	31	14	836	3.35	2	< 5	< 2	5	14	0.4	2	< 2	41	0.25	0.072	17	48	0.83	244	0.10	< 3	2.31	0.01	0.20	< 2
STANDARD C	21	58	42	132	6.3	70	33	981	4.08	41	22	7	37	51	17.4	17	22	62	0.52	0.095	39	62	0.93	193	0.08	31	1.95	0.05	0.15	11
1750-125E	1	15	23	45	0.3	14	8	181	3.11	5	< 5	< 2	6	9	0.2	< 2	8	35	0.11	0.072	21	19	0.33	122	0.06	< 3	1.56	0.01	0.10	< 2
1750-150E	1	30	42	87	0.3	16	13	955	2.39	9	< 5	< 2	3	15	0.4	< 2	2	33	0.24	0.056	15	23	0.40	207	0.05	< 3	1.87	0.01	0.10	< 2
1750-175E	1	22	21	54	< .3	8	7	680	2.47	2	< 5	< 2	5	11	0.3	< 2	< 2	37	0.20	0.035	18	11	0.23	192	0.05	3	1.06	0.01	0.10	2
1750-200E	2	22	18	42	< .3	8	6	104	2.04	6	< 5	< 2	3	7	< .2	< 2	2	26	0.06	0.038	16	9	0.29	52	0.03	< 3	1.03	0.01	0.06	< 2
1750-225E	1	28	31	61	< .3	11	9	1368	2.21	9	< 5	< 2	< 2	19	0.3	< 2	3	20	0.59	0.062	8	11	0.41	587	0.03	6	1.28	0.01	0.08	< 2
1750-250E	1	17	23	44	< .3	11	6	517	3.16	5	< 5	< 2	3	8	0.7	< 2	< 2	32	0.14	0.059	15	13	0.38	143	0.05	< 3	1.42	0.01	0.09	< 2
1750-285E	1	19	38	49	< .3	24	8	550	10.82	< 2	< 5	< 2	5	10	1.1	< 2	5	28	0.09	0.103	9	12	0.33	121	0.07	< 3	2.44	0.01	0.06	< 2
1750-290E	1	24	29	47	< .3	20	13	2099	4.17	2	< 5	< 2	4	21	0.4	< 2	< 2	29	0.42	0.074	14	15	0.42	253	0.06	< 3	2.25	0.01	0.10	< 2
1750-310E	< 1	21	27	47	< .3	22	14	1718	6.07	< 2	< 5	< 2	3	15	1.1	< 2	2	24	0.30	0.091	18	13	0.52	206	0.05	3	2.14	0.01	0.11	< 2
1800-125E	1	26	25	65	< .3	27	14	379	4.03	7	< 5	< 2	5	10	0.3	3	< 2	33	0.10	0.034	18	27	1.45	65	0.05	< 3	1.86	< .01	0.07	< 2



Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
 Calgary Alberta T2K 4W7
 Tel: 274-2777 Fax: 275-0541

FILE: 37648
 TO: 402813 ALBERTA LTD.

30 Elements ICP Analysis

DATE: Sept 30, 1995

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
1800-150E	1	23	30	79	< .3	12	11	2143	3.25	7	< 5	< 2	6	18	0.6	< 2	< 2	28	0.42	0.106	13	15	0.44	383	0.05	4	1.87	0.01	0.16	< 2
RE 1800-150E	2	26	34	81	< .3	14	10	2227	3.27	13	< 5	< 2	5	18	< 2	< 2	< 2	28	0.45	0.110	13	16	0.43	392	0.05	< 3	1.88	0.01	0.16	< 2
1800-175E	1	29	14	50	< .3	7	4	214	2.64	7	< 5	< 2	2	7	< 2	< 2	< 2	27	0.12	0.040	14	9	0.21	85	0.02	< 3	0.96	0.01	0.10	< 2
1800-200E	1	30	41	68	< .3	16	14	1699	2.55	4	< 5	< 2	3	11	< 2	< 2	< 2	27	0.15	0.082	13	12	0.42	180	0.05	< 3	1.80	0.01	0.10	< 2
1800-225E	1	18	31	56	< .3	15	9	859	3.03	< 2	< 5	< 2	4	16	< 2	< 2	< 2	22	0.45	0.074	16	12	0.50	555	0.04	< 3	1.64	0.01	0.15	< 2
1800-250E	1	48	20	50	0.3	14	14	605	3.89	4	< 5	< 2	3	8	0.6	2	< 2	28	0.14	0.039	17	14	0.84	217	0.04	< 3	2.06	0.01	0.09	< 2
1800-275E	1	25	18	38	< .3	7	3	180	1.43	2	< 5	< 2	< 2	6	< 2	< 2	< 2	27	0.08	0.025	16	9	0.23	56	0.04	< 3	1.02	< .01	0.06	< 2
1800-300E	1	33	20	66	< .3	16	13	751	3.13	< 2	< 5	< 2	5	10	0.3	< 2	3	32	0.17	0.081	16	14	0.46	176	0.06	< 3	2.02	0.01	0.09	< 2
1800-325E	1	52	34	76	< .3	16	29	2047	5.02	3	< 5	< 2	< 2	11	0.6	< 2	8	46	0.27	0.081	13	15	1.01	393	0.05	3	2.14	0.01	0.08	< 2
1800-350E	1	24	22	47	< .3	12	7	275	3.87	< 2	< 5	< 2	5	10	0.7	3	< 2	43	0.14	0.049	18	15	0.44	131	0.06	< 3	1.80	0.01	0.08	< 2
1825-100E	1	63	92	103	< .3	7	3	813	0.91	9	< 5	< 2	2	33	1.1	< 2	< 2	12	1.67	0.073	4	6	0.20	482	0.03	7	0.50	0.01	0.11	< 2
1825-125E	< 1	19	23	63	< .3	13	8	1048	3.95	6	< 5	< 2	5	14	0.4	< 2	4	28	0.48	0.037	15	13	0.31	315	0.08	4	2.05	0.02	0.12	< 2
1825-150E	1	30	15	59	< .3	14	10	120	3.05	4	< 5	< 2	5	8	0.5	< 2	< 2	27	0.14	0.020	25	15	1.17	355	0.02	< 3	1.91	0.01	0.08	< 2
1825-175E	1	35	25	54	< .3	9	7	689	2.71	< 2	< 5	< 2	6	11	0.3	< 2	< 2	10	1.48	0.036	18	9	0.88	341	0.01	3	0.71	< .01	0.09	< 2
1825-200E	< 1	21	24	57	< .3	6	6	877	2.19	< 2	< 5	< 2	4	23	0.4	< 2	< 2	20	0.75	0.043	18	10	0.30	791	0.03	< 3	1.15	0.01	0.13	< 2
1825-225E	< 1	33	26	49	< .3	15	10	1921	5.22	5	< 5	< 2	7	15	0.8	< 2	< 2	17	1.83	0.050	17	11	1.42	587	0.02	< 3	0.94	< .01	0.09	< 2
1825-250E	< 1	26	40	68	< .3	12	8	1250	2.96	< 2	< 5	< 2	2	17	0.5	2	2	25	0.75	0.054	13	14	0.65	799	0.05	< 3	1.91	0.01	0.14	< 2
1825-275E	1	46	27	77	< .3	11	13	1843	3.03	4	< 5	< 2	2	21	0.2	< 2	3	23	0.97	0.047	13	12	0.60	612	0.05	4	1.68	0.01	0.15	< 2
1825-300E	1	33	15	60	< .3	17	19	973	3.99	< 2	< 5	< 2	2	15	0.4	< 2	2	33	0.58	0.043	13	14	0.89	407	0.05	< 3	2.20	0.01	0.09	< 2
1825-320E	< 1	18	15	54	< .3	15	12	499	3.27	< 2	< 5	< 2	4	11	< 2	2	< 2	33	0.29	0.066	16	14	0.59	226	0.05	< 3	1.81	0.01	0.10	< 2
1825-345E	1	24	21	54	< .3	19	20	736	4.00	2	< 5	< 2	4	9	0.2	< 2	< 2	29	0.22	0.033	17	14	0.60	341	0.05	< 3	2.32	0.01	0.11	< 2
1825-370E	< 1	27	25	63	< .3	16	11	273	3.03	6	6	< 2	2	17	0.7	2	< 2	28	0.34	0.067	10	13	0.37	373	0.12	< 3	4.22	0.03	0.08	< 2
95-RS-02	4	6	10	43	< .3	17	5	1042	4.49	2	< 5	< 2	< 2	67	< 2	< 2	5	3	3.75	0.021	< 1	167	0.91	22	< .01	< 3	0.11	0.01	0.03	< 2



Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
 Calgary Alberta T2K 4W7
 Tel: 274-2777 Fax: 275-0541

FILE: 37648
 TO: 402813 ALBERTA LTD.

30 Elements ICP Analysis

DATE: Sept 30, 1995

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
95-RS-03	1	13	17	59	< .3	5	1	95	2.04	4	< 5	< 2	3	5	0.2	3	< 2	4	0.06	0.034	3	187	0.02	24	< .01	< 3	0.20	0.01	0.14	< 2
95-RS-04	5	24	18126	60	251.7	11	2	1132	3.06	40	< 5	< 2	< 2	60	2.4	26	537	1	9.02	0.011	< 1	115	3.70	5	< .01	< 3	0.03	0.01	0.02	< 2
STANDARD C	20	56	41	128	6.3	67	33	979	4.15	43	18	6	35	49	17.8	17	20	66	0.50	0.094	39	62	0.93	178	0.08	27	1.86	0.06	0.14	11
95-RS-05	1	10	122	38	0.7	5	1	93	1.68	5	< 5	< 2	4	13	< 2	< 2	6	3	0.07	0.044	10	208	0.01	47	< .01	< 3	0.10	< .01	0.08	< 2
95-RS-06	12	9	369	12	1.6	7	3	100	2.60	< 2	< 5	< 2	4	27	0.4	< 2	5	3	0.06	0.075	7	220	0.05	160	< .01	< 3	0.29	0.01	0.27	< 2
95-RS-07	2	7	13	49	0.3	35	30	328	6.92	9	< 5	< 2	2	25	0.7	< 2	2	42	0.86	0.222	13	53	5.94	30	0.02	< 3	4.52	< .01	0.10	< 2
95-RS-09	5	4	36	74	0.5	17	7	2530	6.02	10	< 5	< 2	6	177	0.9	< 2	< 2	3	8.09	0.010	< 1	103	2.96	19	< .01	< 3	0.07	< .01	0.01	< 2
95-RS-10	1	8	63	32	0.3	10	2	228	4.05	< 2	< 5	< 2	9	9	0.6	< 2	< 2	6	0.12	0.056	15	176	0.04	12	0.01	< 3	0.16	< .01	0.10	< 2
95-RS-11	7	268	57	26	1.0	24	16	2406	4.25	22	< 5	< 2	15	72	< 2	2	2	4	7.64	0.055	15	88	3.91	166	< .01	3	0.28	0.01	0.16	< 2
GR-4	10	38	694	29	1.6	33	18	1067	5.94	25	5	2	5	100	< 2	< 2	< 2	2	4.86	0.085	< 1	132	1.48	6	< .01	< 3	0.11	0.01	0.07	< 2
GR-5	5	11	122	39	0.4	19	46	77	2.26	33	< 5	< 2	< 2	6	< 2	6	4	1	0.08	0.005	4	171	0.03	20	< .01	< 3	0.13	0.01	0.08	< 2
RE GR-5	4	10	115	38	0.4	17	46	72	2.23	33	< 5	< 2	< 2	6	< 2	6	5	1	0.05	0.004	4	170	0.02	20	< .01	< 3	0.13	0.01	0.08	< 2
GR-6	2	22	94	28	0.7	70	275	235	2.36	112	8	< 2	< 2	20	0.5	12	< 2	2	1.25	0.048	< 1	169	0.53	13	< .01	< 3	0.12	< .01	0.07	< 2
GR-7	3	10	104	29	0.6	26	32	617	2.12	22	6	< 2	8	45	< 2	3	< 2	3	3.65	0.086	2	154	1.46	17	< .01	< 3	0.33	0.01	0.20	< 2
GR-8	1	3	11	27	0.3	21	8	2504	4.82	9	10	< 2	7	83	< 2	< 2	< 2	3	9.47	0.057	< 1	90	4.45	< 1	< .01	< 3	0.08	0.01	0.04	< 2
GR-9	4	1	15	35	< .3	19	12	1369	3.65	3	9	< 2	6	84	< 2	< 2	2	3	13.72	0.040	< 1	47	6.20	3	< .01	4	0.07	0.01	0.05	< 2
GR-10	1	6	6	18	< .3	5	1	142	1.51	< 2	< 5	< 2	< 2	8	0.3	< 2	2	2	0.13	0.012	7	215	0.06	14	< .01	< 3	0.06	< .01	0.04	< 2
GR-11	3	3	5	19	< .3	14	10	542	3.85	2	< 5	< 2	< 2	22	< 2	< 2	< 2	19	1.24	0.059	10	145	2.58	17	0.01	< 3	1.48	0.01	0.03	2
GR-12	1	3	8	23	0.3	17	5	1776	4.53	12	14	< 2	4	84	< 2	< 2	< 2	2	16.24	0.012	1	9	7.21	< 1	< .01	< 3	0.07	0.01	0.03	< 2
GR-14	4	347	6	26	< .3	62	32	699	3.70	< 2	9	< 2	< 2	112	< 2	< 2	4	3	2.30	0.006	1	163	1.76	3	< .01	< 3	0.08	0.01	0.05	< 2
GR-14 Dup.	1	58	< 3	12	0.3	31	16	1854	5.55	7	19	< 2	7	111	< 2	< 2	4	5	9.90	0.015	< 1	57	3.92	3	< .01	< 3	0.07	< .01	0.06	< 2
STANDARD C	22	65	38	137	7.1	67	31	1011	4.19	39	17	7	39	63	19.3	14	20	58	0.51	0.095	42	60	0.97	181	0.09	26	1.98	0.05	0.15	11



Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
 Calgary Alberta T2K 4W7
 Tel: 274-2777 Fax: 275-0541

FILE: 37687
 TO: 402813 ALBERTA LTD.

30 Elements ICP Analysis

DATE: October 11, 1995

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
AL-1	3	37	18	44	<.3	24	14	532	2.83	15	7	<2	6	6	<.2	<2	<2	14	0.13	0.085	27	11	0.26	40	0.01	4	0.85	<.01	0.06	<2
AL-2	7	58	35	60	0.7	76	58	774	5.45	47	10	<2	12	8	0.3	9	<2	14	0.17	0.075	48	8	0.16	75	0.01	4	0.58	0.01	0.07	<2
AL-3	12	73	58	73	1.0	85	53	723	7.21	91	18	<2	13	17	<.2	6	<2	18	0.18	0.118	49	11	0.19	70	0.01	<3	0.73	0.01	0.09	<2
AL-4	15	61	70	80	0.5	46	15	418	4.97	22	11	<2	6	7	0.2	3	<2	24	0.15	0.033	37	10	0.16	130	<.01	3	1.25	0.01	0.06	<2
AL-5	15	54	31	100	<.3	47	15	185	4.45	21	10	<2	6	10	0.2	<2	<2	26	0.26	0.029	29	13	0.39	152	<.01	<3	1.91	0.01	0.06	<2
AL-6	37	88	242	11801	1.2	97	15	379	16.87	102	16	<2	8	17	19.2	6	<2	36	0.83	0.038	25	15	0.07	384	<.01	<3	1.31	0.01	0.10	11
AL-7	28	90	724	10416	2.3	48	5	340	17.99	77	13	<2	4	34	18.2	21	<2	43	0.78	0.056	20	16	0.08	753	0.01	3	1.28	0.01	0.07	6
AL-8	44	274	162	119	3.8	101	40	1692	10.30	134	40	<2	<2	46	0.5	107	2	14	10.16	0.051	3	5	5.05	85	<.01	<3	0.28	<.01	0.01	<2
RE AL-8	43	263	151	108	3.8	97	38	1631	10.05	128	40	<2	<2	45	0.3	104	4	13	9.81	0.049	2	5	4.90	76	<.01	<3	0.26	<.01	0.02	<2
AL-9	1	32	14	36	0.3	15	5	155	2.81	7	<5	<2	3	4	0.2	<2	2	20	0.06	0.037	8	13	0.22	70	0.01	<3	1.70	0.01	0.06	<2
AL-10	<1	34	12	49	<.3	18	11	482	3.45	3	8	<2	5	7	<.2	<2	2	16	0.16	0.035	26	12	0.38	175	0.01	3	1.42	0.01	0.09	<2
AL-11	1	83	21	59	0.3	23	15	1239	4.40	11	5	<2	8	6	0.3	3	3	16	0.12	0.041	31	11	0.41	180	0.03	4	1.68	0.01	0.11	<2
AL-12	1	77	31	52	<.3	17	14	1298	3.00	11	11	<2	5	8	0.3	<2	2	13	0.28	0.063	25	11	0.37	185	0.02	3	1.17	0.01	0.10	<2
AL-13	1	73	13	65	<.3	30	19	560	4.31	6	6	<2	3	8	<.2	2	<2	24	0.22	0.053	20	19	1.59	229	0.01	<3	2.29	0.01	0.07	<2
AL-14	1	61	12	80	<.3	21	16	2191	3.36	3	8	<2	<2	22	0.2	2	<2	25	0.50	0.125	16	15	1.05	621	0.04	4	2.05	0.01	0.10	<2
EL-1	1	85	22	51	<.3	14	7	395	2.97	15	5	<2	6	8	<.2	<2	<2	16	0.19	0.016	29	10	0.28	134	0.01	4	1.51	0.01	0.07	<2
EL-2	1	71	23	51	<.3	14	7	714	3.18	16	<5	<2	5	8	<.2	<2	<2	18	0.15	0.018	28	12	0.25	124	0.03	3	1.72	0.01	0.07	<2
EL-3	1	89	26	52	<.3	15	7	464	3.28	17	5	<2	6	6	<.2	2	3	15	0.16	0.016	27	10	0.23	115	0.01	<3	1.40	0.01	0.07	<2
EL-4	1	78	18	53	<.3	17	9	818	3.74	22	<5	<2	6	8	<.2	2	<2	15	0.21	0.018	28	10	0.25	129	0.02	3	1.48	0.01	0.08	<2
EL-5	1	151	27	71	<.3	21	10	746	3.93	54	<5	<2	7	8	0.2	<2	4	15	0.25	0.021	29	10	0.26	183	0.02	3	1.57	0.01	0.09	<2
EL-6	1	358	33	76	0.4	24	22	1821	3.80	156	<5	<2	3	18	0.3	5	<2	9	1.38	0.060	21	6	0.51	131	0.01	5	0.96	0.01	0.09	<2
EL-7	1	90	20	93	<.3	16	18	1197	4.59	33	6	<2	<2	9	0.2	3	2	17	0.63	0.121	13	9	0.38	129	0.01	4	0.97	0.01	0.07	<2
EL-8	<1	108	16	55	<.3	29	25	783	5.63	11	9	<2	3	19	<.2	2	2	21	2.25	0.179	14	8	1.91	159	<.01	<3	1.12	0.01	0.09	<2
EL-9	1	117	21	59	<.3	16	12	703	3.94	21	5	<2	2	7	0.2	<2	2	13	0.27	0.044	10	8	0.28	90	0.01	<3	1.26	0.01	0.05	<2
EL-10	1	95	20	80	<.3	14	12	1810	5.23	11	9	<2	3	11	0.2	<2	4	25	0.60	0.046	16	10	0.35	94	0.05	<3	1.74	0.01	0.06	<2
EL-11	1	131	19	68	<.3	18	14	968	4.98	15	<5	<2	3	10	0.2	4	3	19	0.29	0.030	13	10	0.33	77	0.04	3	2.09	0.01	0.06	<2
EL-12	<1	79	14	67	<.3	18	12	1029	4.46	9	<5	<2	3	13	<.2	<2	2	20	0.45	0.031	13	11	0.36	83	0.06	3	2.19	0.02	0.06	<2



Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
 Calgary Alberta T2K 4W7
 Tel: 274-2777 Fax: 275-0541

FILE: 37687
 TO: 402813 ALBERTA LTD.

30 Elements ICP Analysis

DATE: October 11, 1995

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
EL-13	1	133	16	66	< 3	13	11	772	3.95	11	< 5	< 2	3	9	< 2	< 2	< 2	21	0.36	0.028	11	10	0.28	68	0.03	< 3	1.63	0.01	0.05	< 2
EL-14	1	89	14	75	< 3	22	15	2369	7.11	15	10	< 2	5	14	0.2	< 2	2	23	0.42	0.034	18	11	0.28	102	0.06	< 3	2.27	0.02	0.06	< 2
EL-15	1	119	24	70	0.3	26	19	2813	7.16	20	5	< 2	4	11	< 2	< 2	2	16	0.57	0.039	16	8	0.34	94	0.03	3	1.41	0.01	0.07	< 2
EL-16	1	272	21	104	< 3	21	21	1661	3.93	20	< 5	< 2	4	9	0.2	< 2	2	14	0.32	0.035	11	9	0.30	84	0.02	3	1.24	0.01	0.08	< 2
EL-17	1	123	20	67	< 3	23	23	1251	5.36	22	< 5	< 2	4	11	< 2	< 2	2	15	0.87	0.029	12	7	0.37	77	0.02	< 3	1.46	0.01	0.06	< 2
EL-18	1	98	26	84	< 3	16	17	2502	4.58	11	8	< 2	4	11	< 2	< 2	< 2	16	0.44	0.060	18	8	0.23	202	0.02	3	1.15	0.01	0.11	< 2
EL-19	1	139	19	72	< 3	25	23	642	5.52	6	7	< 2	2	15	< 2	2	< 2	20	0.70	0.165	18	10	1.03	171	0.01	4	1.20	< 0.01	0.07	< 2
EL-20	1	110	16	59	< 3	29	25	1221	5.25	12	13	< 2	2	21	< 2	< 2	2	26	0.70	0.101	23	14	0.86	271	0.02	< 3	1.83	0.01	0.08	< 2
STANDARD C	20	59	35	129	6.5	67	32	1065	3.94	40	20	7	37	51	17.3	18	21	58	0.51	0.092	40	60	0.92	183	0.09	26	1.88	0.06	0.14	10
EL-21	1	80	28	75	< 3	42	37	819	8.10	27	< 5	< 2	< 2	20	0.7	< 2	< 2	28	0.60	0.171	12	14	0.88	149	< 0.01	4	1.38	0.01	0.11	2
EL-22	1	110	34	131	< 3	40	26	655	6.03	33	< 5	< 2	5	17	0.3	< 2	< 2	33	0.12	0.244	17	15	0.38	217	0.07	5	2.18	0.01	0.10	2
EL-23	1	49	19	64	< 3	8	6	238	2.73	12	< 5	< 2	3	17	0.2	< 2	2	36	0.35	0.035	19	13	0.28	158	0.03	3	1.62	0.01	0.08	2
EL-24	2	182	37	87	< 3	52	22	274	11.20	52	< 5	< 2	3	13	0.5	< 2	2	58	0.08	0.291	29	10	0.12	99	0.04	6	0.94	0.01	0.09	2
EL-25	6	91	39	101	< 3	37	15	2530	4.93	31	5	< 2	2	19	0.2	< 2	< 2	45	0.41	0.097	24	21	0.45	309	0.02	5	2.25	0.01	0.10	< 2
EL-26	5	67	41	197	< 3	36	19	1906	5.65	27	< 5	< 2	< 2	24	0.5	< 2	2	37	0.71	0.110	13	16	1.02	297	0.01	4	2.07	0.01	0.08	< 2
EL-27	< 1	116	15	88	< 3	30	28	982	5.44	9	< 5	< 2	< 2	27	0.4	< 2	< 2	38	0.63	0.116	13	15	3.24	406	0.01	5	3.52	0.01	0.09	< 2
ET-28	7	51	35	159	0.3	52	15	644	3.85	34	6	< 2	< 2	33	0.6	5	2	19	4.11	0.091	9	11	2.11	120	< 0.01	5	0.81	0.01	0.06	2
ET-29	7	97	40	193	0.3	56	16	791	4.13	35	5	< 2	< 2	37	0.9	5	2	20	4.09	0.102	10	11	1.91	160	< 0.01	8	0.93	0.01	0.06	2
ET-30	5	61	31	136	< 3	42	17	693	4.34	27	< 5	< 2	2	30	0.7	4	< 2	19	3.04	0.116	11	11	1.74	137	< 0.01	7	0.95	0.01	0.06	2
ET-31	4	77	33	137	< 3	41	19	751	4.46	27	< 5	< 2	< 2	31	0.5	< 2	< 2	19	2.54	0.124	10	11	1.46	150	< 0.01	9	1.01	0.01	0.07	< 2
ET-32	4	66	28	123	< 3	39	21	717	4.64	29	< 5	< 2	2	29	0.7	< 2	< 2	19	2.69	0.121	12	10	1.66	134	< 0.01	6	1.00	0.01	0.06	< 2
ET-33	3	60	28	88	< 3	32	18	902	4.43	25	< 5	< 2	2	27	0.5	< 2	3	18	2.02	0.103	12	10	1.26	155	< 0.01	5	1.06	0.01	0.08	< 2
RE ET-33	4	66	27	91	< 3	36	19	943	4.64	25	< 5	< 2	2	28	0.6	< 2	< 2	19	2.16	0.107	13	11	1.35	166	< 0.01	6	1.11	0.01	0.09	2
GL-1	2	80	20	59	< 3	16	10	430	2.85	8	< 5	< 2	4	13	0.2	< 2	< 2	16	0.09	0.042	30	10	0.32	168	0.02	3	1.34	0.01	0.09	< 2
GL-2	1	90	16	78	< 3	16	8	195	3.32	9	< 5	< 2	7	13	< 2	< 2	< 2	25	0.10	0.046	25	13	0.29	168	0.07	5	2.37	0.01	0.11	2
GL-3	1	42	16	42	< 3	11	6	131	2.29	8	< 5	< 2	6	11	< 2	< 2	2	19	0.06	0.025	32	10	0.25	159	0.02	4	1.35	0.01	0.11	2
GL-4	1	24	18	36	< 3	18	6	501	2.24	2	< 5	< 2	3	18	< 2	< 2	< 2	25	0.12	0.076	10	9	0.17	306	0.17	4	3.65	0.03	0.07	< 2



Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
 Calgary Alberta T2K 4W7
 Tel: 274-2777 Fax: 275-0541

FILE: 37687
 TO: 402813 ALBERTA LTD.

30 Elements ICP Analysis

DATE: October 11, 1995

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
GL-5	1	46	11	39	<.3	11	5	142	2.08	6	<5	<2	4	10	<.2	<2	2	15	0.07	0.021	26	9	0.19	144	0.02	3	1.11	0.01	0.09	<2
GL-6	1	53	9	35	<.3	16	7	152	2.28	4	<5	<2	8	10	<.2	<2	<2	12	0.06	0.024	38	11	0.26	123	0.01	4	0.88	0.01	0.07	2
GL-7	1	67	15	40	<.3	16	7	225	2.18	6	<5	<2	5	11	<.2	<2	<2	17	0.05	0.055	28	10	0.25	227	0.06	3	1.84	0.01	0.08	2
GL-8	1	38	17	40	<.3	20	7	650	2.34	4	<5	<2	3	26	0.2	<2	4	23	0.21	0.229	11	9	0.18	462	0.19	5	4.36	0.04	0.08	<2
GL-9	1	48	14	44	<.3	18	9	322	2.64	3	5	<2	2	14	<.2	<2	2	21	0.14	0.102	22	10	0.22	201	0.09	4	2.00	0.02	0.09	<2
GL-10	1	59	16	46	<.3	18	8	351	2.62	4	<5	<2	3	16	<.2	<2	<2	23	0.16	0.056	20	12	0.30	337	0.10	5	2.29	0.02	0.09	<2
GL-11	1	38	14	52	<.3	18	9	313	2.40	7	<5	<2	4	17	<.2	<2	<2	20	0.12	0.107	18	10	0.25	233	0.11	4	2.85	0.02	0.09	<2
GL-12	1	63	14	46	<.3	15	8	1230	2.15	4	<5	<2	3	20	<.2	<2	3	21	0.16	0.083	22	12	0.23	354	0.08	4	1.81	0.02	0.12	<2
GL-13	1	58	13	54	<.3	21	11	189	3.04	5	<5	<2	6	14	<.2	<2	<2	17	0.13	0.031	23	11	0.58	167	0.05	4	2.00	0.01	0.09	<2
GL-14	1	38	14	36	<.3	15	12	862	2.54	4	<5	<2	3	17	<.2	2	<2	15	0.32	0.030	23	10	0.35	146	0.02	4	1.42	0.01	0.12	2
GL-15	1	51	28	53	<.3	16	8	679	2.49	8	<5	<2	3	20	0.2	<2	<2	22	0.27	0.049	15	11	0.26	215	0.09	5	2.42	0.02	0.09	2
GL-16	1	39	15	54	<.3	14	9	393	2.55	2	<5	<2	2	12	<.2	<2	<2	24	0.15	0.046	16	13	0.37	137	0.05	4	1.80	0.01	0.08	<2
GL-17	1	47	14	62	<.3	22	10	217	3.25	2	<5	<2	3	11	<.2	<2	<2	26	0.15	0.092	14	12	0.29	200	0.11	4	3.33	0.02	0.09	<2
GL-18	1	38	19	47	<.3	12	9	128	2.73	7	<5	<2	4	18	0.3	<2	<2	23	0.41	0.020	13	12	0.30	293	0.08	4	3.98	0.03	0.07	<2
GL-19	1	25	12	36	<.3	20	12	110	3.51	4	<5	<2	3	6	0.2	<2	<2	30	0.06	0.056	20	14	1.30	107	0.03	4	2.48	0.01	0.07	<2
GL-20	1	34	14	51	<.3	19	10	164	2.76	7	<5	<2	5	7	<.2	<2	2	23	0.06	0.026	25	17	0.72	76	0.02	3	1.91	0.01	0.07	2
GL-21	1	38	22	34	<.3	9	4	94	3.30	4	<5	<2	3	6	<.2	<2	<2	32	0.08	0.037	12	11	0.18	76	0.10	4	1.92	0.02	0.06	2
STANDARD C	20	60	37	132	6.4	70	32	1098	3.96	41	20	7	38	56	17.7	12	19	56	0.52	0.093	41	59	0.92	192	0.09	27	1.94	0.06	0.15	11
GL-22	<1	33	12	33	<.3	11	7	158	2.02	<2	<5	<2	5	20	<.2	<2	3	20	0.21	0.030	11	9	0.26	127	0.14	<3	4.51	0.06	0.05	<2
GL-23	<1	19	11	30	<.3	9	5	63	2.09	2	<5	<2	3	14	0.2	2	3	23	0.13	0.049	4	8	0.11	46	0.18	<3	5.75	0.05	0.04	<2
GL-24	1	52	15	56	<.3	18	12	595	2.85	4	<5	<2	3	7	<.2	<2	2	19	0.23	0.038	18	13	0.49	164	0.02	<3	1.81	0.01	0.08	<2
GL-25	1	81	15	63	<.3	25	18	1460	3.98	15	<5	<2	4	18	0.2	<2	<2	15	0.61	0.079	27	16	1.05	164	0.01	<3	1.34	0.01	0.09	<2
GL-26	2	67	16	74	<.3	11	10	574	3.23	2	<5	<2	5	12	<.2	<2	<2	23	0.24	0.048	23	11	0.25	246	0.03	<3	1.68	0.01	0.13	<2
GL-27	1	59	14	57	<.3	8	8	421	2.32	<2	7	<2	4	8	0.2	<2	<2	17	0.16	0.047	24	9	0.16	212	0.01	<3	1.07	0.01	0.15	<2
GL-28	1	34	12	40	<.3	21	8	140	2.96	<2	<5	<2	6	17	0.2	<2	3	21	0.20	0.039	17	9	0.26	199	0.09	<3	3.48	0.02	0.08	<2
GL-29	1	38	20	47	<.3	17	9	593	2.68	<2	<5	<2	7	17	0.2	<2	<2	19	0.33	0.019	21	12	0.35	200	0.03	<3	2.40	0.01	0.14	<2
GL-30	1	37	26	52	<.3	7	2	74	2.03	<2	<5	<2	2	8	0.2	<2	<2	29	0.07	0.024	11	10	0.14	110	0.11	3	1.92	0.02	0.05	<2



Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
 Calgary Alberta T2K 4W7
 Tel: 274-2777 Fax: 275-0541

FILE: 37687
 TO: 402813 ALBERTA LTD.

30 Elements ICP Analysis

DATE: October 11, 1995

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
GL-31	1	79	10	40	<.3	3	3	48	1.01	3	10	<2	8	4	<.2	<2	2	12	0.04	0.016	54	4	0.04	25	<.01	<3	0.66	0.01	0.07	<2
GL-32	1	24	19	42	<.3	10	8	83	2.78	2	<5	<2	6	5	0.3	<2	2	19	0.04	0.042	24	10	0.19	152	0.05	<3	2.69	0.01	0.09	<2
GL-33	1	64	10	30	<.3	3	4	57	0.98	4	9	<2	8	3	0.2	<2	<2	11	0.03	0.018	45	4	0.09	24	<.01	<3	0.55	<.01	0.07	<2
GL-34	1	45	24	33	<.3	9	3	81	3.37	3	<5	<2	7	5	0.4	<2	2	35	0.03	0.082	28	11	0.20	74	0.08	<3	1.60	0.01	0.08	<2
RE GL-34	1	47	25	33	<.3	10	3	82	3.44	3	<5	<2	7	5	<.2	<2	3	36	0.03	0.084	28	12	0.20	76	0.08	<3	1.83	0.01	0.08	<2
GL-35	1	24	14	50	<.3	17	8	123	2.56	<2	<5	<2	4	8	0.2	<2	<2	24	0.08	0.086	16	12	0.25	173	0.10	<3	2.39	0.02	0.15	<2
GT-1	1	86	21	74	<.3	17	12	822	3.40	13	<5	<2	2	16	0.3	<2	2	14	0.63	0.051	13	12	0.50	228	0.01	3	1.41	0.01	0.06	<2
GT-2	1	121	17	65	<.3	22	17	634	4.00	5	<5	<2	5	10	<.2	<2	2	22	0.33	0.060	20	15	1.30	209	0.01	6	1.84	0.01	0.07	<2
JT-1	1	56	16	41	<.3	17	12	702	3.40	9	<5	<2	2	16	0.2	3	2	17	0.63	0.049	14	13	0.77	262	0.01	3	1.64	0.01	0.07	<2
JT-2	1	87	24	46	<.3	13	9	894	2.74	5	<5	<2	<2	21	0.3	2	<2	12	0.93	0.057	15	13	0.65	410	0.02	10	1.55	0.01	0.10	2
JT-3	1	94	17	67	0.3	16	11	907	3.06	5	5	<2	2	18	<.2	<2	2	11	0.72	0.059	19	16	0.64	378	0.01	3	1.41	0.01	0.11	<2
JT-4	1	72	15	40	<.3	12	10	676	2.56	6	<5	<2	3	17	<.2	<2	<2	9	0.76	0.050	18	12	0.56	323	<.01	4	1.09	0.01	0.09	<2
JT-5	1	135	17	79	<.3	22	14	1461	4.08	10	<5	<2	2	24	<.2	2	2	15	0.87	0.081	14	16	0.83	489	0.01	3	1.78	0.01	0.13	<2
L-1	1	49	17	26	<.3	18	8	443	3.36	15	<5	<2	6	7	<.2	2	2	15	0.21	0.020	28	10	0.31	122	0.02	3	1.69	0.01	0.08	2
L-2	1	40	10	23	<.3	13	7	213	2.46	13	<5	<2	7	5	<.2	<2	2	11	0.09	0.014	26	8	0.24	103	0.01	<3	1.22	0.01	0.06	<2
L-3	1	48	18	23	<.3	16	9	492	3.37	20	<5	<2	8	6	<.2	<2	2	11	0.18	0.022	30	9	0.27	67	0.01	<3	1.19	0.01	0.08	<2
L-4	1	37	20	40	<.3	19	7	831	4.21	15	<5	<2	4	19	0.2	<2	2	23	0.32	0.029	20	11	0.25	133	0.12	3	2.87	0.03	0.08	<2
L-5	1	38	20	49	<.3	18	11	2154	3.58	16	<5	<2	<2	13	0.2	<2	<2	19	0.48	0.047	16	12	0.34	325	0.03	5	1.74	0.01	0.20	<2
L-6	1	35	20	43	<.3	19	20	1662	4.89	13	<5	<2	<2	10	0.2	<2	2	18	0.56	0.108	12	8	0.44	173	0.01	<3	1.26	0.01	0.10	<2
L-7	1	81	16	44	<.3	21	11	742	3.81	19	<5	<2	4	6	<.2	<2	2	15	0.12	0.025	24	12	0.50	100	0.01	3	1.51	0.01	0.08	<2
L-8	1	61	24	34	<.3	17	21	1599	4.39	25	<5	<2	2	17	<.2	3	<2	16	1.00	0.055	9	11	0.63	327	<.01	4	1.38	0.01	0.09	<2
L-9	1	37	10	21	<.3	5	4	211	1.76	3	<5	<2	2	6	<.2	<2	<2	17	0.12	0.020	18	7	0.13	59	0.01	<3	0.89	0.01	0.06	<2
L-10	4	38	14	33	0.3	27	12	273	4.21	14	<5	<2	6	5	<.2	<2	<2	23	0.09	0.030	18	12	0.35	93	0.02	<3	1.59	0.01	0.10	<2
L-11	1	41	9	27	<.3	14	9	399	3.74	11	<5	<2	4	4	<.2	<2	2	17	0.03	0.038	14	9	0.22	58	0.01	<3	1.24	0.01	0.06	<2
L-12	1	43	12	35	<.3	20	13	1270	4.72	13	<5	<2	5	8	<.2	2	<2	21	0.14	0.046	17	11	0.30	111	0.04	3	2.03	0.01	0.07	<2
L-13	1	69	14	45	<.3	17	16	1652	3.64	16	<5	<2	<2	11	0.2	4	2	14	0.70	0.057	11	8	0.30	72	0.02	5	1.10	0.01	0.08	<2
STANDARD C	21	59	37	129	6.6	69	32	1084	4.11	39	21	7	38	52	18.1	17	20	56	0.52	0.093	40	62	0.92	192	0.09	24	1.98	0.06	0.15	13



Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
 Calgary Alberta T2K 4W7
 Tel: 274-2777 Fax: 275-0541

FILE: 37657
 TO: 402813 ALBERTA LTD.

30 Elements ICP Analysis

DATE: October 11, 1995

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
L-14	1	42	15	40	< 3	18	14	961	3.80	14	< 5	< 2	< 2	7	0.2	< 2	2	16	0.31	0.063	11	8	0.26	83	0.02	< 3	1.07	0.01	0.12	3
L-15	1	48	15	41	< 3	24	23	831	5.39	8	< 5	< 2	2	11	0.4	< 2	< 2	20	0.55	0.204	18	10	0.65	114	0.01	< 3	1.14	0.01	0.09	< 2
L-16	1	55	22	49	0.4	23	19	744	5.36	10	< 5	< 2	< 2	13	0.3	< 2	< 2	21	0.59	0.176	18	11	0.76	110	0.01	< 3	1.33	0.01	0.09	2
L-17	1	115	36	69	0.3	12	6	188	1.56	8	< 5	< 2	< 2	13	0.4	< 2	< 2	16	0.45	0.092	9	7	0.19	202	< 0.01	5	0.55	0.01	0.09	2
L-18	7	102	29	72	0.9	58	18	1917	4.14	29	11	< 2	2	24	0.2	3	2	36	1.31	0.173	21	22	0.68	484	< 0.01	< 3	1.95	0.01	0.15	2
RE L-18	7	105	29	77	0.9	62	19	2044	4.35	29	14	< 2	2	25	0.6	< 2	3	38	1.39	0.183	22	23	0.71	516	< 0.01	< 3	2.05	0.01	0.16	< 2
L-19	1	66	35	72	< 3	27	38	877	3.87	43	< 5	< 2	2	14	0.4	< 2	4	16	0.80	0.136	11	6	0.53	74	< 0.01	< 3	0.93	0.01	0.07	2
L-20	1	73	42	37	< 3	26	21	744	3.57	41	< 5	< 2	3	14	< 2	2	< 2	10	0.73	0.065	12	8	0.28	56	0.01	< 3	0.92	0.01	0.07	2
L-21	1	138	39	58	< 3	24	23	1264	3.61	40	< 5	< 2	2	15	0.2	4	< 2	10	1.02	0.061	10	9	0.38	60	< 0.01	< 3	0.86	0.01	0.06	2
L-22	2	94	138	33	0.5	54	35	809	3.14	87	< 5	< 2	5	12	< 2	3	< 2	10	1.00	0.056	7	10	0.35	56	< 0.01	< 3	0.78	0.01	0.06	2
L-23	1	52	39	31	< 3	24	20	977	3.39	53	< 5	< 2	6	9	< 2	< 2	< 2	9	0.64	0.046	20	6	0.22	74	< 0.01	< 3	0.84	0.01	0.08	2
L-24	2	70	39	35	< 3	31	24	812	3.17	62	< 5	< 2	4	8	< 2	4	< 2	9	0.50	0.041	11	9	0.23	52	< 0.01	< 3	0.85	0.01	0.06	< 2
L-25	1	98	43	34	0.4	39	22	496	2.81	102	< 5	< 2	7	11	< 2	< 2	< 2	10	0.63	0.036	19	7	0.28	113	0.01	< 3	1.27	0.01	0.10	2
L-26	1	121	36	56	0.4	26	46	1329	3.45	92	< 5	< 2	5	17	< 2	< 2	< 2	8	1.23	0.043	13	6	0.40	94	< 0.01	< 3	0.77	0.01	0.08	2
L-27	1	56	24	38	< 3	16	22	930	2.71	39	< 5	< 2	3	19	0.2	< 2	< 2	11	1.03	0.055	14	6	0.34	68	0.01	4	1.07	0.01	0.11	2
L-28	1	54	26	36	< 3	25	76	1198	4.46	68	< 5	< 2	2	16	0.2	2	< 2	15	0.88	0.052	12	7	0.46	90	< 0.01	< 3	1.20	0.01	0.10	2
L-29	1	81	70	43	< 3	19	20	928	2.63	37	< 5	< 2	4	13	< 2	< 2	< 2	9	0.71	0.033	17	6	0.37	95	< 0.01	< 3	1.10	0.01	0.09	< 2
L-30	1	84	60	48	0.3	17	22	903	2.61	49	< 5	< 2	3	15	0.3	< 2	3	10	0.87	0.068	11	7	0.47	73	< 0.01	4	0.99	0.01	0.09	2
LJ-1	< 1	38	12	40	< 3	10	5	132	2.70	2	< 5	< 2	7	6	< 2	2	< 2	18	0.08	0.039	30	10	0.23	158	0.01	< 3	1.44	0.01	0.13	2
LJ-2	< 1	55	13	44	< 3	14	8	694	2.38	2	< 5	< 2	5	11	< 2	2	< 2	16	0.22	0.032	25	9	0.28	275	0.02	< 3	1.58	0.01	0.16	< 2
LJ-3	1	35	12	38	0.3	22	10	249	2.80	3	< 5	< 2	0	10	< 2	3	< 2	19	0.12	0.037	21	11	0.29	230	0.05	3	1.94	0.01	0.11	< 2
LJ-4	< 1	47	16	36	< 3	10	10	487	2.70	2	< 5	< 2	7	12	< 2	< 2	< 2	14	0.10	0.040	31	9	0.27	237	0.04	< 3	1.60	0.01	0.09	< 2
LJ-5	< 1	30	28	51	0.3	25	10	1021	2.90	2	< 5	< 2	5	26	0.3	< 2	2	27	0.31	0.091	15	11	0.31	420	0.17	3	3.65	0.03	0.13	< 2
LJ-6	< 1	26	8	21	< 3	12	6	100	2.18	3	< 5	< 2	5	4	< 2	< 2	< 2	11	0.05	0.031	27	7	0.28	123	0.01	< 3	0.94	0.01	0.07	2
LJ-7	1	40	13	30	< 3	16	9	437	2.97	5	< 5	< 2	2	12	0.2	< 2	< 2	21	0.24	0.058	16	11	0.42	192	0.05	< 3	1.65	0.01	0.10	< 2
LJ-8	< 1	40	7	29	< 3	19	14	227	4.14	3	< 5	< 2	5	3	0.3	< 2	3	20	0.05	0.030	21	13	1.37	69	< 0.01	< 3	1.68	< 0.01	0.06	< 2
LJ-9	< 1	41	11	33	< 3	16	8	237	2.91	6	< 5	< 2	4	7	0.2	< 2	< 2	16	0.12	0.035	20	11	0.58	133	0.02	< 3	1.48	0.01	0.08	< 2



Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
 Calgary Alberta T2K 4W7
 Tel: 274-2777 Fax: 275-0541

FILE: 37687
 TO: 402813 ALBERTA LTD.

30 Elements ICP Analysis

DATE: October 11, 1995

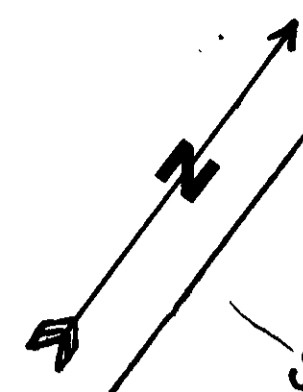
ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
LJ-10	<1	31	9	31	<.3	12	7	199	2.48	3	<5	<2	3	6	0.2	<2	<2	19	0.12	0.041	19	13	0.45	116	0.03	<3	1.56	0.01	0.08	<2
LJ-11	1	41	22	39	<.3	14	8	838	2.73	3	<5	<2	<2	16	0.2	<2	2	24	0.40	0.061	19	11	0.36	261	0.05	3	1.87	0.01	0.12	2
LJ-12	1	68	9	35	<.3	18	11	154	3.73	7	<5	<2	4	4	0.2	<2	<2	21	0.07	0.037	22	12	1.19	89	<.01	<3	1.62	<.01	0.08	2
LJ-13	<1	31	9	27	<.3	16	8	92	2.56	5	<5	<2	4	4	<2	<2	<2	18	0.04	0.023	25	12	0.70	82	0.01	<3	1.50	<.01	0.05	<2
LJ-14	<1	31	8	24	<.3	13	7	88	2.59	3	<5	<2	5	7	0.3	<2	<2	18	0.05	0.027	24	12	0.68	114	0.01	<3	1.45	<.01	0.09	<2
LJ-15	<1	31	17	26	<.3	11	7	246	2.64	5	<5	<2	3	6	0.2	<2	<2	20	0.13	0.025	17	10	0.36	117	0.03	3	1.68	0.01	0.06	2
LJ-16	<1	91	27	31	<.3	10	7	1083	2.17	2	<5	<2	<2	33	0.3	<2	<2	11	1.40	0.068	16	13	0.43	417	0.06	5	2.23	0.03	0.09	<2
LJ-17	1	66	29	45	<.3	11	6	373	2.47	5	<5	<2	2	13	0.3	<2	<2	18	0.24	0.103	23	8	0.25	148	0.05	4	1.69	0.01	0.09	2
STANDARD C	21	59	37	132	6.5	71	33	1067	4.00	43	19	7	38	52	18.7	17	18	59	0.51	0.094	42	61	0.93	178	0.09	29	1.93	0.06	0.15	11
LJ-18	<1	31	13	26	<.3	19	11	95	2.84	5	<5	<2	5	12	0.3	<2	4	25	0.09	0.088	13	10	0.19	135	0.11	4	4.10	0.02	0.07	<2
LJ-19	1	49	12	20	<.3	6	3	56	1.06	2	8	<2	2	7	0.2	2	<2	16	0.15	0.028	19	9	0.07	119	0.01	5	0.66	0.01	0.05	<2
LJ-20	1	25	7	18	<.3	7	5	81	1.76	3	<5	<2	7	7	<2	<2	<2	18	0.13	0.027	33	7	0.13	147	0.02	3	0.72	0.01	0.11	<2
LJ-21	1	36	21	37	<.3	10	4	73	3.15	11	5	<2	6	5	0.2	<2	3	29	0.04	0.045	20	14	0.19	89	0.04	<3	1.88	0.01	0.06	<2
RE LJ-21	1	35	21	36	<.3	10	4	72	3.12	9	6	<2	6	5	0.2	2	<2	28	0.04	0.044	19	12	0.19	88	0.04	<3	1.86	0.01	0.06	<2
LJ-22	1	29	23	44	<.3	12	5	75	3.11	11	<5	<2	5	6	<2	<2	3	30	0.05	0.041	18	12	0.21	91	0.07	3	1.97	0.02	0.05	<2
LT-1	7	59	38	121	0.5	52	16	645	3.86	30	<5	<2	2	27	0.8	7	<2	21	4.10	0.098	8	10	2.23	117	<.01	3	0.77	0.01	0.05	<2
EGR-1	221	206	94	51	1.6	144	51	492	53.09	780	<5	<2	4	2	0.6	46	3	40	0.17	0.040	2	7	0.16	20	<.01	<3	0.29	<.01	0.07	<2
EGR-2	4	10	16	8	0.4	18	9	26	1.83	47	<5	<2	5	6	<2	<2	<2	3	0.06	0.046	12	70	0.07	44	<.01	7	0.39	0.01	0.27	<2
EGR-3	3	54	14	86	0.3	161	76	327	6.04	<2	<5	<2	3	87	<.2	<2	<2	41	7.12	0.205	12	107	1.26	59	<.01	<3	2.30	0.03	0.16	<2
STANDARD C	20	58	37	126	6.3	65	31	971	3.98	36	17	7	37	51	17.9	16	21	62	0.50	0.092	40	61	0.90	189	0.09	29	1.89	0.06	0.14	10

APPENDIX 3

ROCK-SAMPLE DESCRIPTIONS

SAMPLE #	Au in ppb.	LOCATION	DESCRIPTION
95-RS-2	4280	GOLDER 2	Grabs; old adit at 1910m. Elev.; quartz/carbonate vein 10-30cm. wide.
95-RS-3	349	"	Grabs; 1955m. Elev.; quartz/carb. veinlets in quartzite.
95-RS-4	2140	"	Grabs; old trench/adit; rusty quartz with galena and traces of pyrite.
95-RS-5	190	SUNSTAR 14	F l o a t - g r a b s ; 1760m. Elev.; Qtz. veined quartzite with trace Hem. and Py.
95-RS-6	300	"	at L1800/100E. station; outcrop 2cm. Qtz. vein with Py. and Hem.
95-RS-7	<5	"	Outcrop at 1900/100W.; Qtz./Hem. filled vesicles in mafic-volcanics.
95-RS-9	128	GOLDER 2	Grab-samples of rusty carbonate.
95-RS-11	33	SUNSTAR 8	Grabs; traces of Cu stain in 25cm. carbonate bed with quartz-filled X-fractures.
GR-4	5300	GOLDER 2	Float-grabs in talus-chute; Qtz., galena, pyrite. (source is at 95-RS-2)
GR-5	52	"	Adit muck-grabs ; 15% fine-grained Py. in quartz.
GR-6	43	"	Adit at GR-5; 0.6m. footwall Qtz/Carb. altered zone (chip-sample)
GR-7	36	"	0.5m. SHEAR-ZONE next to GR-6 (chip-sample)
GR-8	<5	"	0.75m. zone next to GR-7 (chip-sample)

GR-9	20	"	1.1m. zone next to GR-8 (chip-sample)
GR-10	88	SUNSTAR 14	Float-grabs dis. Py. in Qtz.stringers in conglomerate.
GR-11	<5	"	Grabs outcrop, Qtz.veins with specular Hem.
GR-12	5	GOLDER 2	Open-cut at 1940m. Elev.;grabs across 4.0m. Qtz.veined zone with traces of galena and pyrite.
GR-13	90	SUNSTAR 14	Trench grabs; rusty Carb. with Qtz. veining and minor Py.,Cpy.,and Galena.
GR-14	34	"	at GR-13; grabs of red-rusty Qtz./Carb.
EGR-1	5	SUNSTAR 19	Rusty-gossan pit 7.0m. long; grabs of gossan in Dol. host.
EGR-2	<5	"	Grabs of rusty siltstone with fine grained pyrite.
EGR-3	8	GOLDER 1	Grabs as EGR-2 but with traces of Cu stain.



**1994/1993
Sample Results**

AV in ppb.

ER-1	10
ER-2	25
ER-3	140
ER-4	20
ER-5	345
ER-6	150
ER-7	20
ER-8	10
ER-9	10
R 1900-68W	72
R 2000-125E	8
R 2000-150E	46
GR-1	10
GR-2	75
RS 93-19	120
RS 93-20	17

off the property

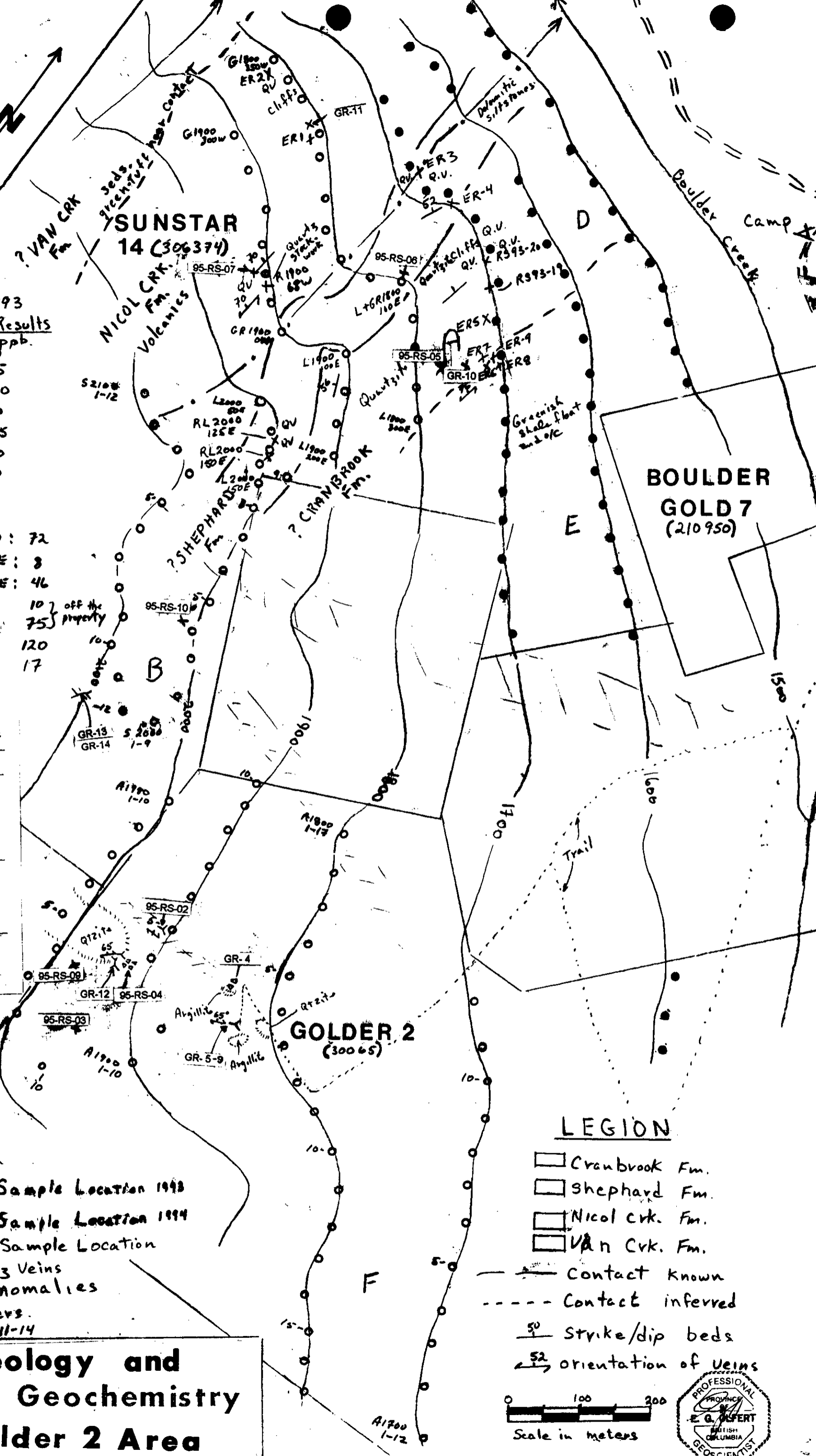
1995

Rock Sample	AV in ppb.
95-RS-02	4280
95-RS-03	349
95-RS-04	2140
95-RS-05	190
95-RS-06	300
95-RS-07	<5
95-RS-09	128
95-RS-10	200
GR-4	5300
GR-5	52
GR-6	43
GR-7	36
GR-8	<5
GR-9	20
GR-10	88
GR-11	<5
GR-12	5
GR-13	90
GR-14	34

- Soil Sample Location 1993
- o Soil Sample Location 1994
- x Rock Sample Location
- Q.V. Quartz Veins
- A-F Anomalies

AV in meters.
N.T.S. 82611-14

Geology and Rock Geochemistry Golder 2 Area

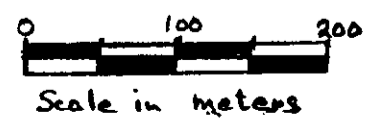


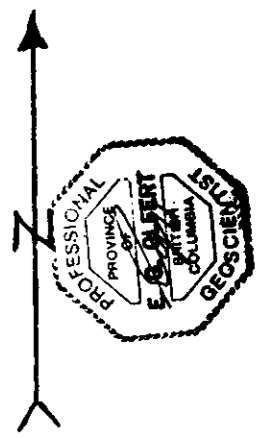
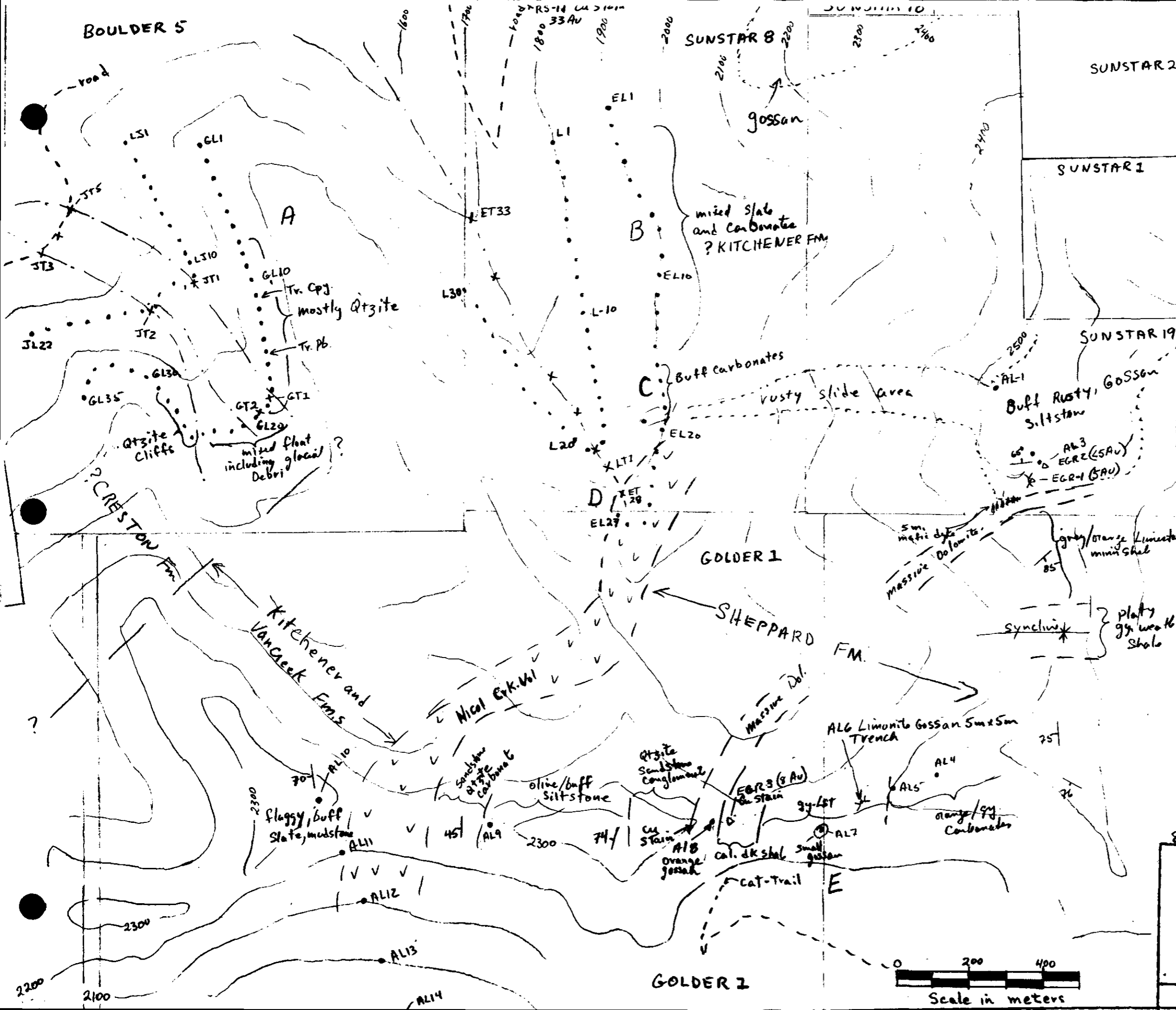
LEGION

- Cranbrook Fm.
- Shepard Fm.
- Nicol crk. Fm.
- Van Crk. Fm.

- Contact Known
- Contact Inferred

- Strike/dip beds
- orientation of veins





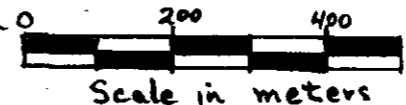
Rock Geochemistry

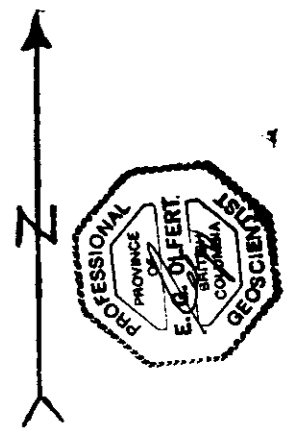
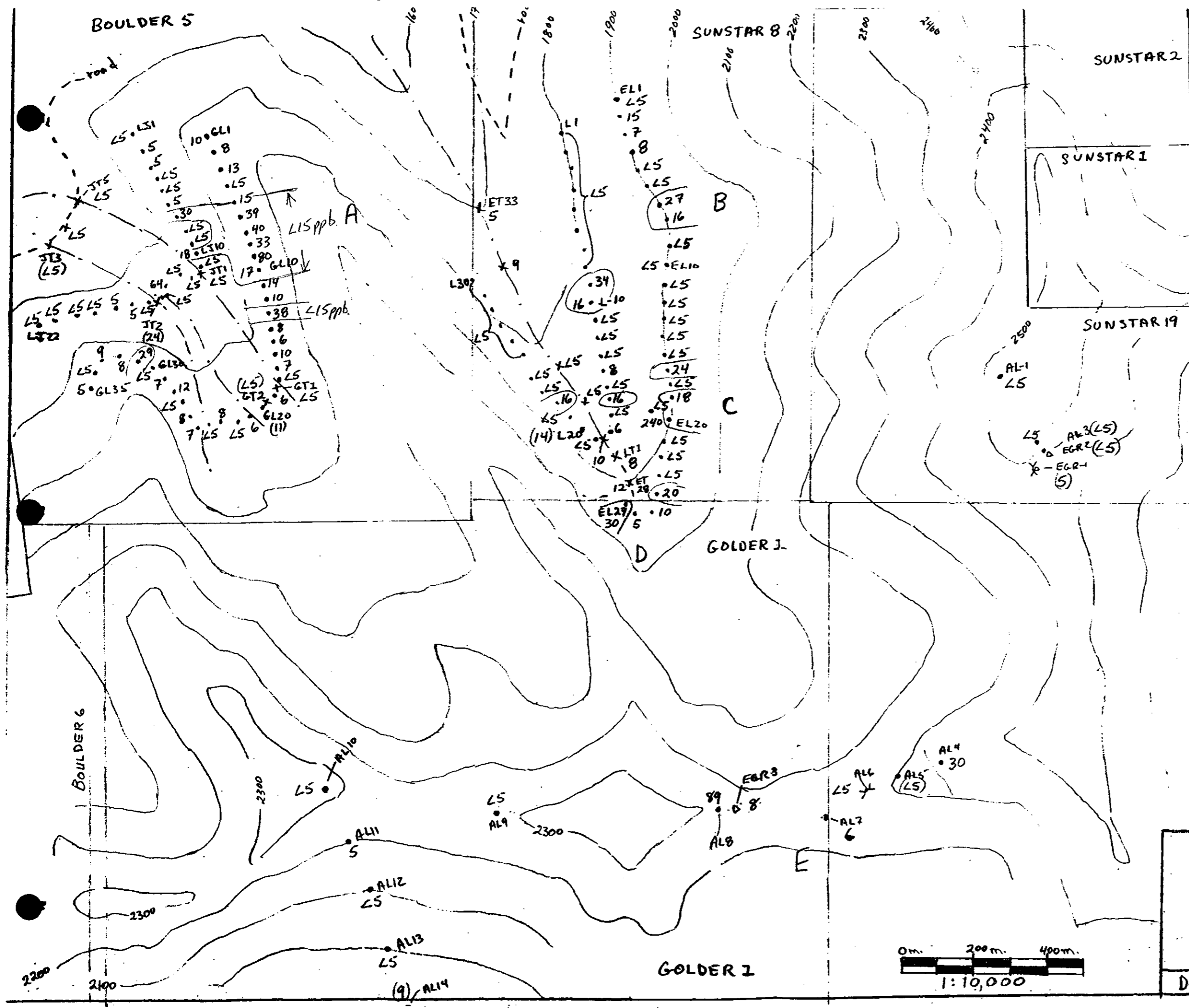
	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
EGR1	5	1.6	206	94	51
EGR2	25	0.4	10	16	8
EGR3	8	0.3	54	14	86
RS-11	33	1.0	268	57	26

LEGEND

- Soil Sample Location
- x Silt Sample Location
- △ Rock Sample Location
- 65° bedding strike/dip
- Geological Contact
- Gossan out line
- * Syncline
- ∇∇∇ Nicol Creek Volcanics
- A-E Geochem Anomalies

**Geology and Rock Geochemistry
Golder Group**



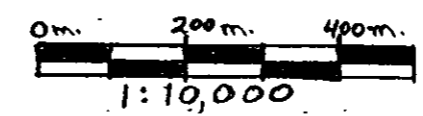


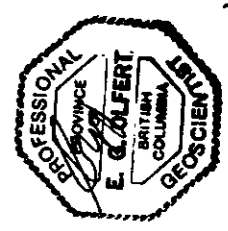
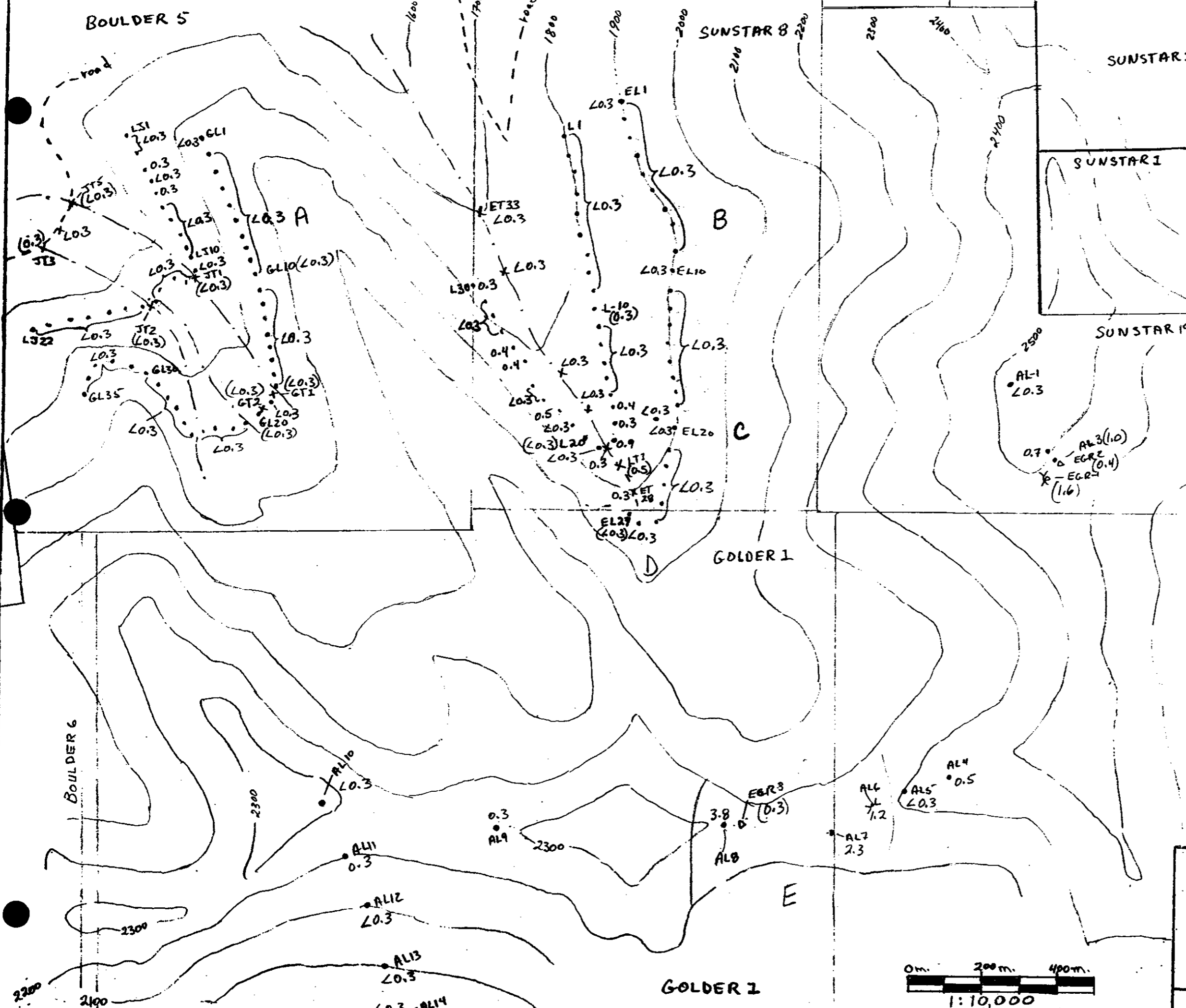
LEGEND

- Soil Sample Location
- x Silt Sample Location
- △ Rock Sample Location
- Road, Cat-Trail
- Au Values in p.p.b.
- ELEV. CONTOURS IN METERS
- > 15 ppb Au contoured
- A-E Geochem Anomalies

82G-11,12

**Au Geochemistry
Golder Group**

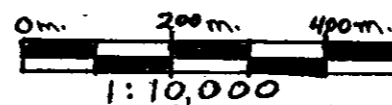


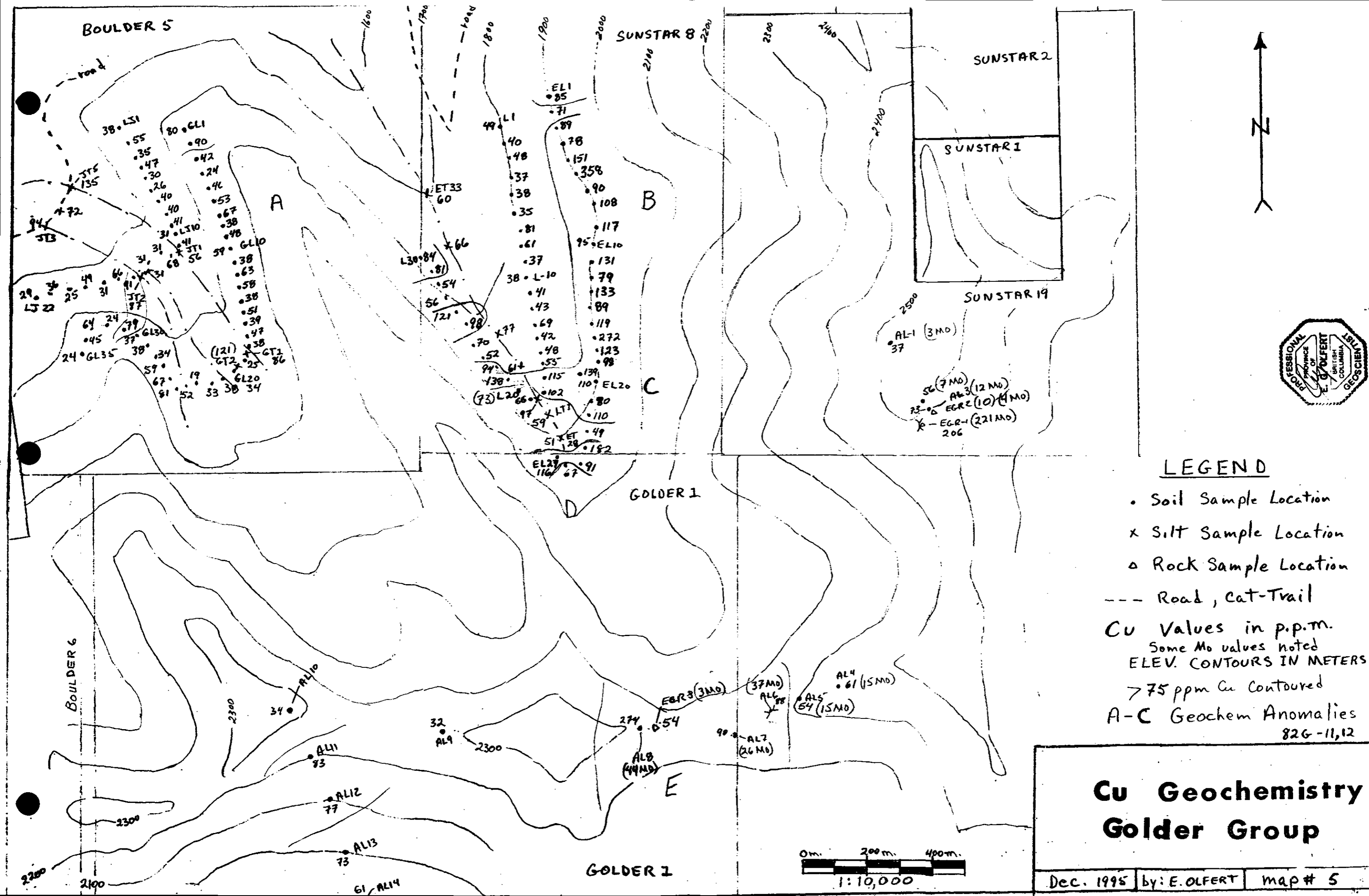


LEGEND

- Soil Sample Location
- x Silt Sample Location
- △ Rock Sample Location
- Road, Cat-Trail
- Ag Values in p.p.m.
- ELEV. CONTOURS IN METERS
- A-E Geochem Anomalies
- ⌋ > 1.0ppm Ag 82G-11,12

**Ag Geochemistry
Golder Group**

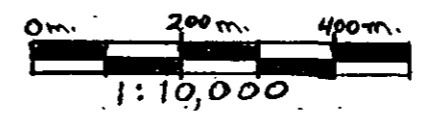




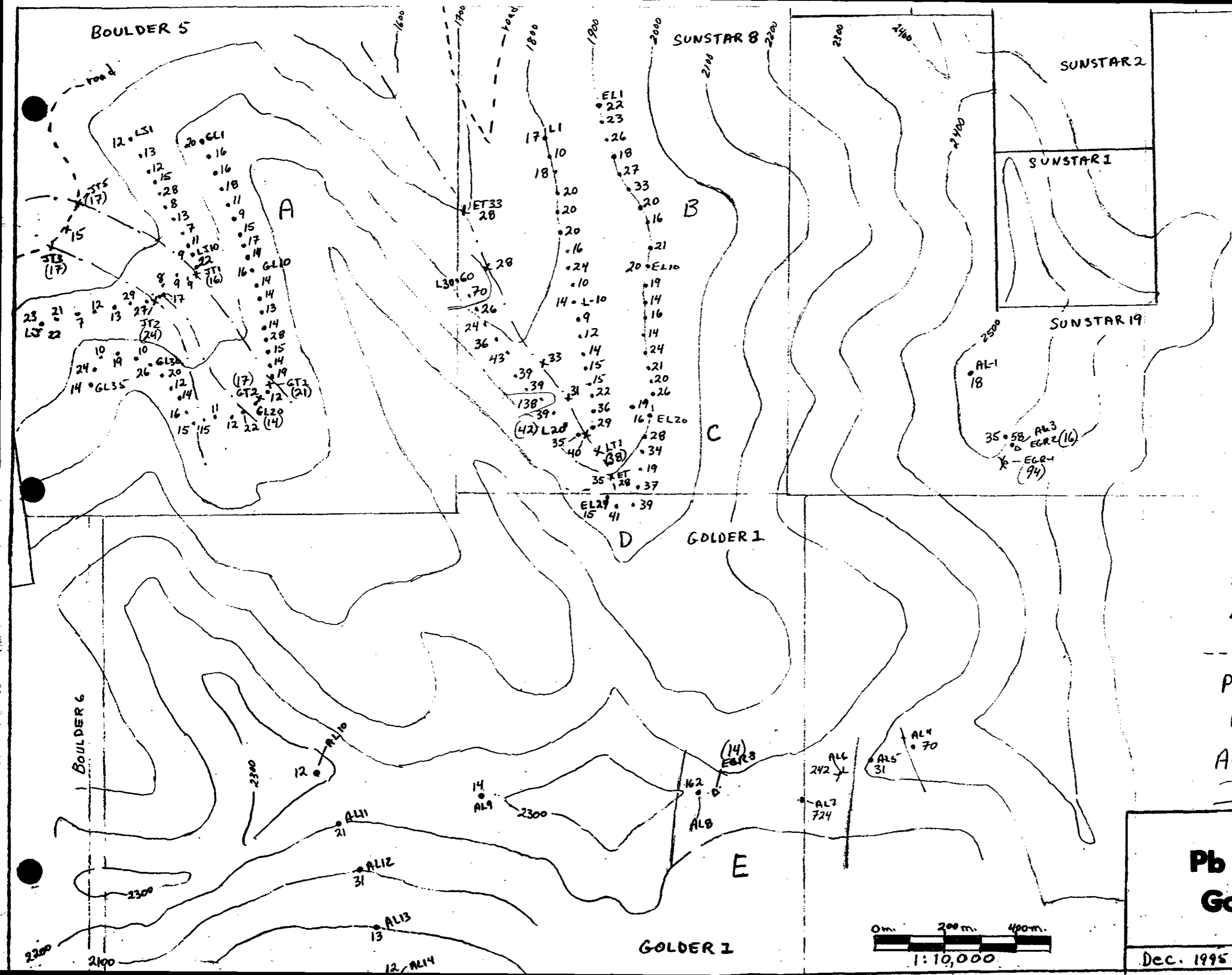
LEGEND

- Soil Sample Location
- x Silt Sample Location
- ◻ Rock Sample Location
- Road, cat-Trail
- Cu Values in p.p.m.
- Some Mo values noted
- ELEV. CONTOURS IN METERS
- > 75 ppm Cu Contoured
- A-C Geochem Anomalies

**Cu Geochemistry
Golder Group**



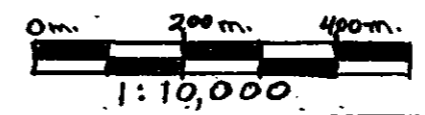
826-11,12

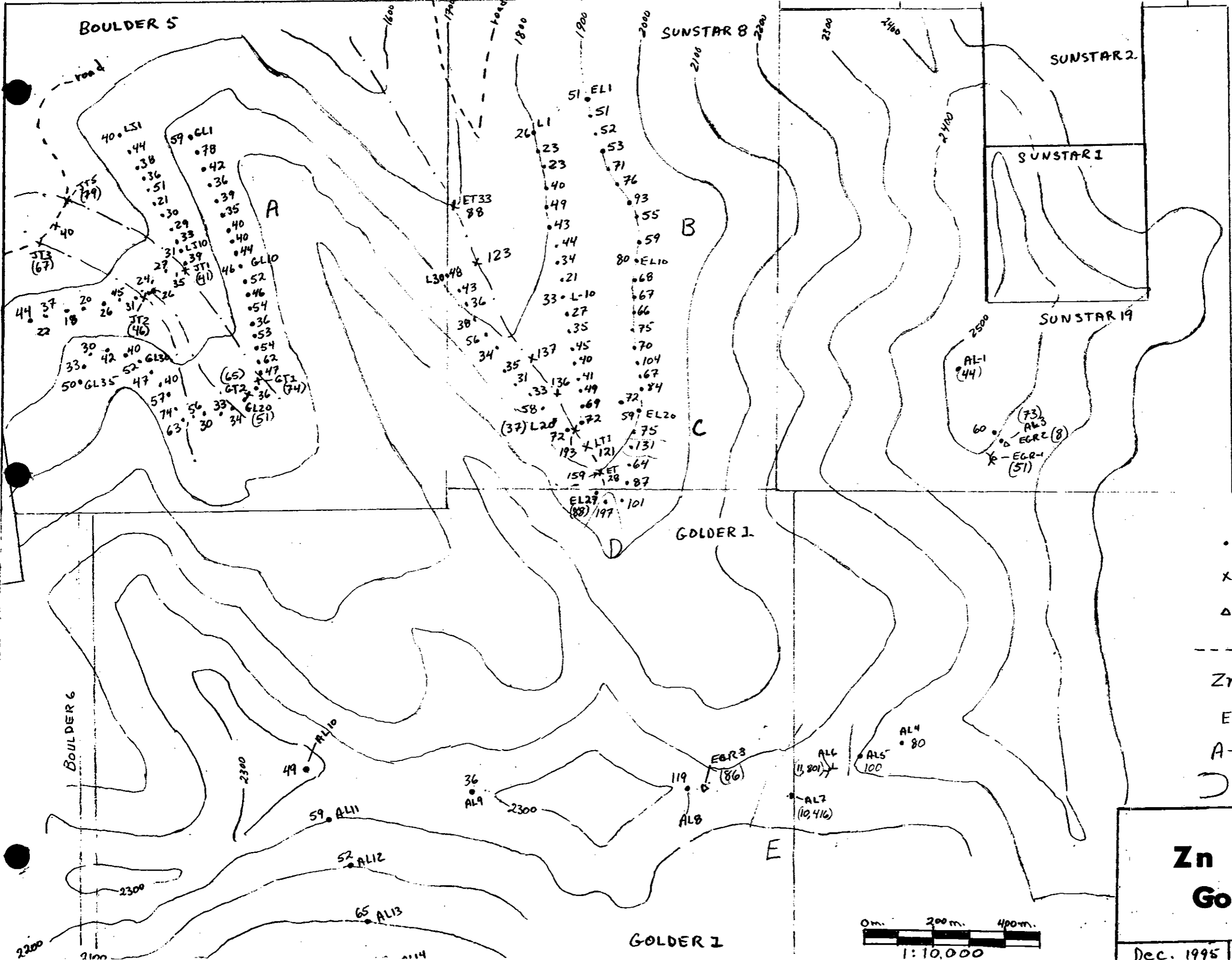


LEGEND

- Soil Sample Location
- x Silt Sample Location
- △ Rock Sample Location
- Road, Cat-Trail
- Pb Values in p.p.m.
- ELEV. CONTOURS IN METERS
- A-C Geochem Anomalies
- ▷ 750ppm Pb 82G-11,12

**Pb Geochemistry
Golder Group**





LEGEND

- Soil Sample Location
- x Silt Sample Location
- ▲ Rock Sample Location
- Road, cat-Trail
- Zn Values in p.p.
- ELEV. CONTOURS IN METERS
- A-C Geochem Anomalies
- > 125ppm Zn 82G-11,12

**Zn Geochemistry
Golder Group**

