ARIS SUMMARY SHEET

Regional Geologist, Cranbrook — Off Confidential: 96.03.07

ASSESSMENT REPORT 23934 — MINING DIVISION: Fort Steele

PROPERTY:	Sunstar			
LOCATION:	LAT	49 44 00	LONG	115 33 00
	UTM	11 5509772	604492	
	NTS	082G12E		
CAMP:	001	Purcell Belt (Sullivan)		
CLAIM(S):	Sunstar 14,Golder 2			
OPERATOR(S):	402813 Alberta			
AUTHOR(S):	Olfert, Ernest G.			
REPORT YEAR:	1995, 47 Pages			
COMMODITIES SEARCHED FOR:	Gold			
KEYWORDS:	Hadrynian-Helikian,Clastics,Carbonates			
WORK DONE:	Geological,Geochemical			
	ROCK 12 sample(s) ;ME			
	SOIL 175 sample(s) ;ME			
RELATED REPORTS:	20061			

LOG NO: 0622 U

ACTION:

FILE NO:

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VANCOUVER, B.C.

GEOCHEMICAL AND GEOLOGICAL REPORT

ON THE SUNSTAR AND GOLDER CLAIMS GROUPS

FORT STEELE MINING DIVISION
WILDHORSE RIVER AREA

ASSESSMENT REPORT
N.T.S. 82G ~~11-14~~ 12E

LAT. 49° ~~45'~~ 44'

LONG. 115° 33'

FOR:
402813 ALBERTA LTD.

Work Performed Between August 21st and October 30th, 1994

REPORTED BY: ERNEST G. OLFERT

DATE: MAY 11, 1995

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,934

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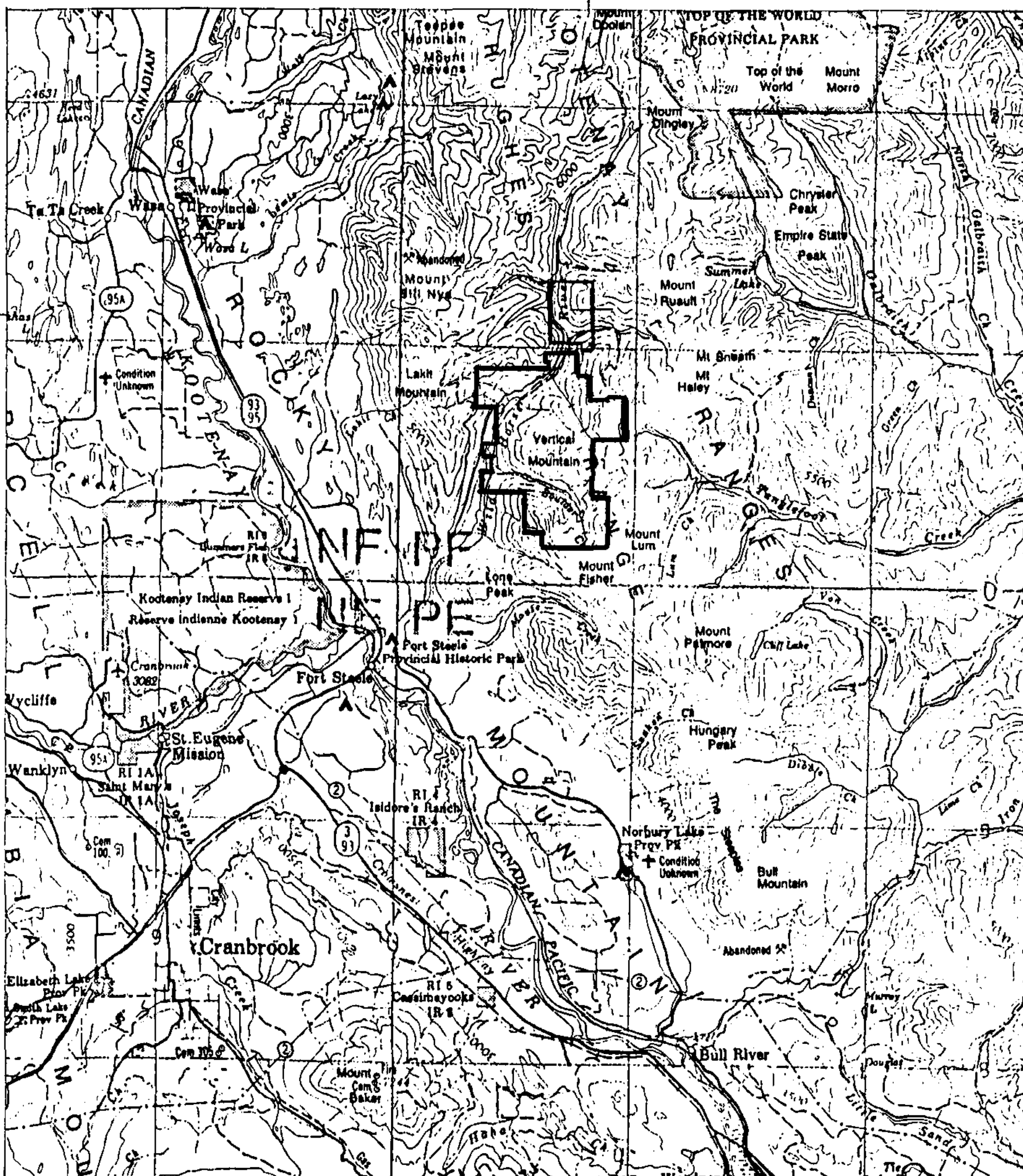


SCALE

0 5 10 Km

BOULDER GOLD PROJECT	
GENERAL LOCATION MAP	
DATE MAY, '95	NTS 82 G
SCALE 1:250,000	FIGURE 1

1.00 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 Sunstar and Golder claim groups near Fort Steele, British Columbia.

This report is based on results of soil-sampling and geological mapping conducted during 1994, work done previously on the claims by the above company and from old reports on properties in the general area.

1.10 LOCATION AND ACCESS (See Fig. 1)

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° 40' Long. 115° 33')

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.

1.20 LAND STATUS (See Fig. 2)

The Sunstar claim-group consists of 18 claims totalling 82 units and the Golder claim-group consists of 12 claims totalling 77 units.

TABLE 1 CLAIM STATUS

GROUP	CLAIM	RECORD#	UNITS	STAKING DATE	EXPIRY DATE
SUNSTAR	Boulder 4	210543	18	Mar.19,89	Mar.19,96
	Boulder 5	210695	18	May 28,89	May 28,96
	Fractional4	212209	1	Nov.16,90	Nov.16,95
	Golde 1	212318	1	Apr.23,91	Apr.23,96
	Heaven 1	313334	1	Sept.22,92	Sept.22,96
	Heaven 2	313335	1	Sept.22,92	Sept.22,96
	MorningGlory1	310137	1	June 15,92	June 15,96
	MorningGlory2	310138	1	June 15,92	June 15,96
	Nugget 1	212150	1	Oct. 22,90	Oct. 22,95
	Nugget 2	212151	1	Oct. 22,90	Oct. 22,95
	Sunstar 1	300414	1	June 3,91	June 3,96
	Sunstar 2	300432	1	June 3,91	June 3,96
	Sunstar 3	300433	1	June 3,91	June 3,96
	Sunstar 8	302118	12	June 26,91	June 26,96
	Sunstar 9	302119	1	June 26,91	June 26,96
	Sunstar 12	303133	6	Aug. 7,91	Aug. 7,96
	Sunstar 18	306618	1	Nov. 16,91	Nov. 16,95
	Sunstar 19	306620	15	Nov. 17,91	Nov. 17,95

2..

TABLE 1 CLAIM STATUS

GROUP	CLAIM	RECORD#	UNITS	STAKING DATE	EXPIRY DATE
GOLDER	Boulder Gold 7	210950	1	Oct. 18,89	Oct. 18,96
	Boulder 6	210696	20	June 14,89	June 14,96
	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 18,96
	Sunstar 4	300434	1	June 3,92	June 3,96
	Sunstar 5	300435	1	June 3,92	June 3,96
	Sunstar 6Fr.	302117	1	June 24,92	June 24,96
	Sunstar 14	306374	9	Nov. 3,92	Nov. 3,95
	Sunstar 15	306378	1	Nov. 3,92	Nov. 3,96
	Sunstar 16	306387	1	Nov. 4,92	Nov. 4,95
	Sunstar 17	306379	1	Nov. 5,92	Nov. 5,95

1.30 1994 WORK-PROGRAM

Reconnaissance contour soil-sampling was done between Aug.21 and Oct. 30 on the Sunstar 8 and Boulder 5 claims within the Sunstar claim-group and on the Golder 2 and Sunstar 14 claim within the Golder claim-group. Sampling was done by the following individuals:

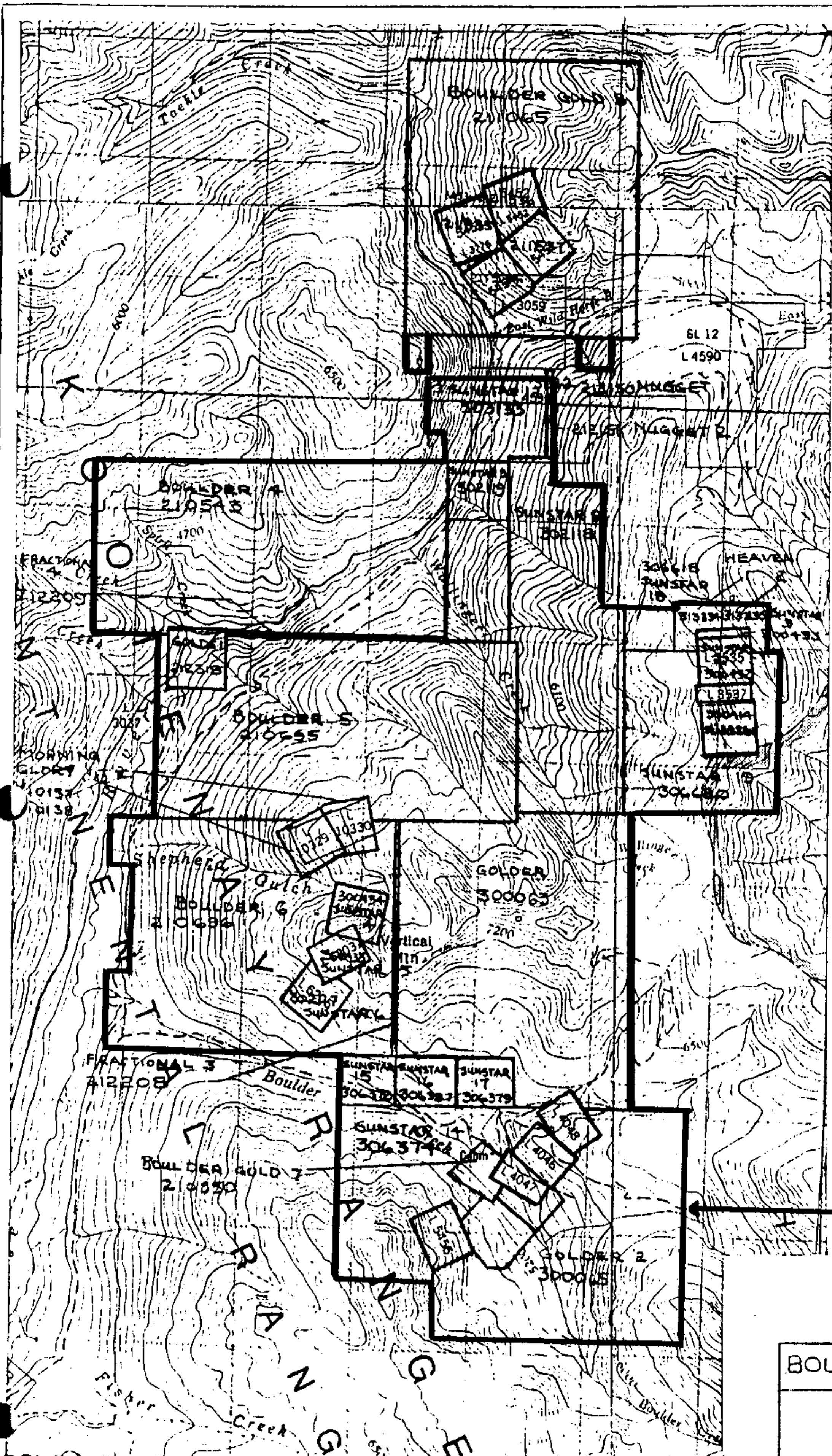
C.K. HO; Box 3578 Airdrie Alta. T4B2B8
LEE JOHNSTON; S.S.3 Site 14-27 Cranbrook, B.C. V1C6J6
SHAUN HUNT; 1643 Stable Cres. Cranbrook, B.C. V1C6J6

Several geological traverses including rock-sampling were made on the Sunstar 14 claim during the same time-period as the above soil-sampling program.This was done by the following individuals:

GLEN RODGERS; Skookumchuk, B.C.
ERNEST G. OLFERT; 3020 Fraser St. Vancouver, B.C. V5T 3W3

2.00 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 Enterprizes of Cranbrook shipped 95 tons of ore to the Trail Smelter from the Dardenelles prospect. (Assessment Report #12252 by L. Sookochoff)



- 49°45'

N

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	303133
	Heaven 1	313334
	Heaven 2	313335
	Nugget 1	212150
	Nugget 2	212151
	Fractional 4	212209
	Sunstar 18	306618
	Sunstar 19	306620
	Golde 1	212318
GOLDER		
	Boulder Gold 7	210950
	Sunstar 14	306374
	Sunstar 16	306387
	Sunstar 17	306379
	Golder 1	300063
	Golder 2	300065
	Sunstar 4	300434
	Sunstar 5	300435
	Boulder 6	210696
	Sunstar 6	302117
	Sunstar 15	306378
	Fractional 3	212208

PROPERTY BOUNDARY

115°30'

SCALE 1:50,000

1 2K

BOULDER GOLD PROJECT

Claim Map

DATE May, '95 | NTS 82G/11-14

FIGURE 2

The area of the present property had been restaked several times 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.

3.00 REGIONAL GEOLOGY (See Fig. 3)

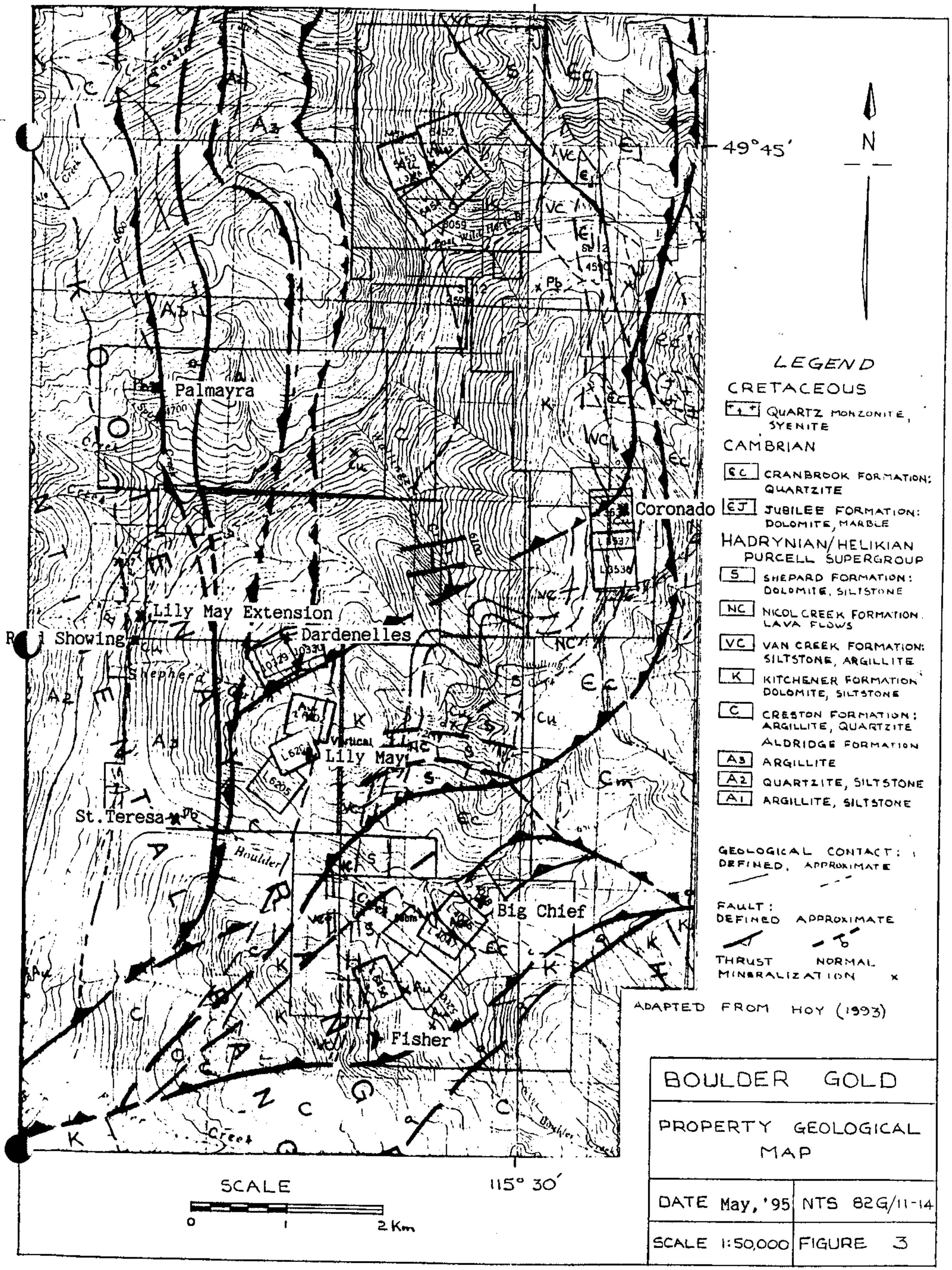
The area has been mapped by government geologists including: Rice, H.M.A.(1937); Leach, G.B.(1960); and Hoy, T.(1978,1993). The region is underlain by a thick sequence of clastics and carbonates of Hadryian/Helikian Age known as the Purcell Belt Supergroup. This strata is folded into a broad north-trending 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.

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.

4.00 PROPERTY GEOLOGY AND MINERALIZATION (See Fig. 3 and Map 1)

The Golder/Sunstar claim-groups are 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 done on the Sunstar 14 claim encountered massive dark-green Nicol Crk. porphyritic volcanics which are interpreted to be overturned in this area now dipping to the west. Structurally overlying the volcanics are tuffaceous shales and siltstones of the possible Van creek Fm. and structurally underlying the Nicol Creek Volcanics is a band of rusty-coloured dolomites,siltstones and argillites of the probable Shephard Formation. Cliff-forming ,west-dipping quartzites of the probable Cranbrook Fm. were mapped to the east of the Shephard



49°45′
N
LEGEND
CRETACEOUS
QUARTZ MONZONITE, SYENITE
CAMBRIAN
Є C CRANBROOK FORMATION: QUARTZITE
Є J JUBILEE FORMATION: DOLOMITE, MARBLE
HADRYNIAN/HELIKIAN
PURCELL SUPERGROUP
S SHEPARD FORMATION: DOLOMITE, SILTSTONE
NC NICOL CREEK FORMATION: LAVA FLOWS
VC VAN CREEK FORMATION: SILTSTONE, ARGILLITE
K KITCHENER FORMATION: DOLOMITE, SILTSTONE
C CRESTON FORMATION: ARGILLITE, QUARTZITE
ALDRIDGE FORMATION
A3 ARGILLITE
A2 QUARTZITE, SILTSTONE
A1 ARGILLITE, SILTSTONE
GEOLOGICAL CONTACT: DEFINED, APPROXIMATE
FAULT: DEFINED APPROXIMATE
THRUST NORMAL
MINERALIZATION x
ADAPTED FROM HOY (1993)
Palmayra
Coronado
Lily May Extension
Red Showing
Dardenelles
Lily May
St. Teresa
Big Chief
Fisher
Boulder
Shepherd
Creek
SCALE
0 1 2 Km
115° 30′
BOULDER GOLD
PROPERTY GEOLOGICAL MAP
DATE May, '95
NTS 82G/11-14
SCALE 1:50,000
FIGURE 3

Fm. Extensive quartz-vein float and several outcropping occurrences containing rusty quartz veins were encountered in different formations within the mapping area. Of a total of 12 grab samples taken, values of Au ranged from <5 to 345 ppb. (ER-5). See Map 1 for geology and rock-geochemical results.

A number of other mineralized showings occur elsewhere within the area of the Sunstar/Golder claim-groups 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 minded 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. (Bojczysyszyn 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. An 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. (Bojczysyzyn). Some parts of the dyke are silicified and mineralized with pyrite.

FISHER
These workings appear to be located on the Golder 2 claim at an elevation of 6,500 feet. Reportedly a deep open cut several hundred feet in length has exposed a 7 foot bed of dolomitic limestone within the Cranbrook Fm. in an area affected by the Wildhorse River Fault. Quartz veinlets traverse the carbonate bed containing galena, pyrite and some chalcopyrite. Mineralized samples containing up to 1.56 oz./ton Au and 104 oz/ton Ag, have been reported. (Bojczysyn 1990)

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 oz./ton Ag.,2% Pb and trace Au.(Kruszewski 1989)

5.00 GEOCHEMISTRY

A total of 175 soil-samples were collected during the 1994 exploration program in the Sunstar 14/Golder 2 area (Golder Group) (100 samples) and in the Sunstar 8/ Boulder 5 area (Sunstar Group) (75 samples). In the first area additional samples were collected to cover soil-anomalies discovered in 1993.Sampling was done along 100 meter contour lines with 50 meter sample spacing. In the second area samples were taken along an old switch-back trail at 50 meter intervals. 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 1-10 for the two above areas.
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.

Statistical summaries are listed in table 2 for the main elements of interest, these include: Cu,Pb,Zn,Ag,Au.

TABLE 2 STATISTICS

SUNSTAR 8/BOULDER 5 AREA (Sunstar Group)

Element	Min.	Max.	Mean	St.Dev.	Anomalous
Au	<5	22	2.8	2.9	>20 ppb.
Ag	<0.1	0.4	0.14	0.086	>0.2 ppm.
Cu	16	83	42.7	17.8	>50 ppm.
Pb	4	97	18.5	17.7	>35 ppm.
Zn	16	106	36.5	14.2	>50 ppm.

SUNSTAR 14/ GOLDER 2 AREA (Golder Group)

Element	Min.	Max.	Mean	St.Dev.	Anomalous
Au	<5	1250	96.7	96.7	>50 ppb.
Ag	<0.1	0.5	0.12	0.1	>0.2 ppm.
Cu	9	399	40.4	51.3	>60 ppm.
Pb	<2	102	21.1	14.7	>35 ppm.
Zn	22	99	49.3	19.6	>75 ppm.

Anomalous values were selected on the basis of statistical calculations and the author's visual evaluation of the data.

5.10 ROCK GEOCHEMISTRY

A total of 12 grab-samples of rusty to clean quartz-vein material was sampled, both from float and outcrop occurrences in the Sunstar 14 area and two samples were taken from the Big Chief workings. Samples range in Au values from <5ppb.(ER-2) to 345ppb.(ER5). Minor values of Zn, Pb, Cu, and Ag were found to occur in the Big Chief samples (GR-1 and GR-2). ER-2,3,and 4 contained 205 to 450 ppm. Ba but without any direct relationship. To Au values.

5.20 ANOMALIES-DISCUSSION

SUNSTAR 8/BOULDER 5 AREA (Sunstar Group) See Maps 7-11

None of the anomalies in these area are thought to be very significant but a number of locations have been selected as weakly anomalous as follows: these have been marked from A to E on Maps 7-11

ANOMALY A: An open one station Au anomaly of 22ppb. occurs at this location. A two station copper anomaly occurs 150-200 m. further north.

ANOMALY B: A two station open Cu anomaly occurs in this area with one station co-incidently anomalous in Cu, Zn and Ag; 68, 59, and 0.3 ppm. respectively. An additional anomalous Zn value occurs at a station about 150m. to the southwest of the above station. Three rock samples taken previously in this area are all anomalous in Cu ranging from 147 to 1585 ppm (RS93-9,10,11)

ANOMALY C: This area contains a number of sporadic Cu, Pb and Ag anomalies including a three station open Cu anomaly and a four station open Pb anomaly. Only one station location (W-30) is co-incidently anomalous in Cu and Ag; 74 and 0.4 ppm. respectively.

ANOMALY D: This location is highlighted by an open five station Cu anomaly with one station (W-51) anomalous in Cu,Pb, and Zn containing 70, 50 and 106ppm. respectively. A one station Zn anomaly occurs 100m. further north.

ANOMALY E: This area contains an open three station Zn anomaly with a one station Ag anomaly occurring 50m. further north.

SUNSTAR 14/GOLDER 2 AREA (Golder Group) See Maps 2-6

Gold is the most significant anomalous element in this area, with some anomalous values of Ag,Cu,Pb,and Zn as well. The anomalies are designated as follows:

ANOMALY A: A nine station Au anomaly occurs in this area and extends downslope connecting to Anomaly D. The highest Au in soil value of 1250ppb occurs here. A five station Cu anomaly with a high of 272ppm. occurs slightly further upslope. A two station Pb soil anomaly occurs partly coincident with the Au. A number of quartz-vein outcrops and scree-float were sampled; the best value returned 345ppb Au (ER-5). A number of open 3 to 4 station Au soil anomalies occur 200-400m. west of anomaly A, with one station recording a coincident Cu value of 399ppm. Rock sampling of quartz-vein material contained values up to 72ppb.Au in this area (R1900-68W).

ANOMALY B: This represents a six station Au anomaly with a high of 460ppb Au. This anomaly is open upslope and downslope on a competitors claim. One station is co-incidently anomalous in Pb (86ppm) and Ag (0.4ppm) as well.

ANOMALY C: Three 2-station Au anomalies occur in this area and are open upslope. Au values are significant with two values of 390ppb. A four station Ag anomaly occurs further downslope and a three station Pb anomaly is partially coincident with the Au.

ANOMALY D: This is a six station Au anomaly extending downslope from Anomaly A. A five station Cu anomaly, a 3 to 4 station Pb anomaly, and an even larger Zn anomaly are partially coincident on the southeast side of the Au anomaly. A number of weakly anomalous Ag values also occur in the area but are only partly coincident with anomalous Au values.

ANOMALY E: This represents a four station Au anomaly that is open upslope towards a competitor's claim and downslope towards the Boulder Gold 7 claim. Some anomalous Zn and Ag values occur just to the northwest and a single Zn soil anomalous station occurs just to the southeast.

ANOMALY F: A number of sporadic Cu,Zn,Ag,and Pb anomalous values make up this anomaly, the largest of which is an open five station Cu anomaly. No anomalous Au values occur here.

A number of one station anomalous results occur elsewhere in the area but are not of significance.

6.00 CONCLUSIONS

SUNSTAR GROUP (Sunstar 8 /Boulder 5 Area)

1.Gold values from the soil-sampling program do not appear to be anomalous; the highest value returned 22ppm.

2.Anomaly B and D are open towards each other which represents a possible strike-length of 600 meters. A previous rock sample in the vicinity of anomaly B contained 1585ppm. Cu.

GOLDER GROUP (Sunstar 14 /Golder 2 Area)

1. Results from rock sampling indicates that quartz-vein material contains Au values up to 345 ppb.Au. Quartz-veins occur in all formations mapped,as small veins and locally as stockwork.

2. Rock sampling in the area of Anomaly A (which has the highest Au in soil value of 1250ppb.) tends to indicate that Au in soil is enriched by the breakdown of quartz rock on steep slopes that have only a thin veneer of soil development.

3. Anomaly D may represent downslope transport from Anomaly A.

4. Anomaly D may represent a N./N.E. trending structure between Boulder Gold 7 downslope and an old reverted crown-granted claim, upslope, which is held by a competitor. Anomaly B may also be on this trend still further upslope to the S.W.

5. Anomaly C. may represent the Fisher Showing which is reported to contain up to 1.56 oz./ton Au (Bojczyszyn 1990). The actual location of the Fisher Showing has not been located on the ground.

7.00 RECOMMENDATIONS

1.Further prospecting and sampling is recommended on Anomaly B/D in the Sunstar 8/Boulder 5 area for a possible copper target.

2. Additional mapping, prospecting and sampling is recommended on all anomalies in the Sunstar 14/Golder 2 area for high grade vein sources such as the Fisher Showing which has not been located on the ground to date.

3. Other showings on the property at large, especially around former crown-granted claims, should be evaluated for potential high-grade vein Au; assessment work should then be applied to keep those areas of interest in good standing for longer periods of time.

Report By:

PROFESSIONAL
PROVINCE OF
E. G. OLFERT
BRITISH COLUMBIA
GEOSCIENTIST

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 (NTS 82G); British Columbia Ministry of Energy, Mines and Petroleum Resources, RGS 27.

11. 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.

12. 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.

13. 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

STATEMENT OF EXPENDITURES

Labour	21 days at $119.84/day	2,516.68
Geological Consulting	5.5 days at $254.55	1,400.00
Lodging		241.50
Food		418.27
Transportation costs	(4 x 4 rental)	1,198.44
Equipment purchase		517.55
Geochemical analysis		
	156 samples at $16.48/sample(Au+ICP) (excludes samples not directly on property)	2,570.89
Sub Total		8,863.33
Administration		
	phone,mail,fax	75.70
	accounting	907.76
	lawyer fees	168.37
	secretarial	700.00
Report-writing		900.00
TOTAL		11,615.16

TOTAL PROGRAM EXPENDITURES 11,615.16

Signed By:

Calgary, Alberta T2K 4W7

LORING LABORATORIES LTD.

Tel: (403) 274-2777
Fax: (403) 275-0541

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 shaked 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.

To: 402813 ALBERTA LTD.,
206, 125 Main Street,
Airdrie, Alberta

ATTN: Dr. C.K. Ho

File No. 36855
Date September 16, 1994
Samples Soil

Certificate of Assay
LORING LABORATORIES LTD.

SAMPLE NO.	PPB Au
~~N-1900 11~~	~~<5~~
~~12~~	~~<5~~
~~13~~	~~<5~~
~~14~~	~~50~~
~~15~~	~~<5~~
~~16~~	~~<5~~
~~17~~	~~8~~
W 1	<5
2	<5
3	11
4	<5
5	5
6	6
7	<5
8	<5
9	<5
10	<5
11	<5
12	<5
13	<5
14	<5
15	<5
16	<5
17	<5
18	<5
19	<5
20	<5
W-101	<5
102	7
103	<5
104	5
105	<5

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.

Assayer

To: 402813 ALBERTA LTD.,
206, 125 Main Street,
Airdrie, Alberta

ATTN: Dr. C.K. Ho

File No. 36855
Date September 9, 1994
Samples Soil

Certificate of Assay
LORING LABORATORIES LTD.

Page # 1

SAMPLE NO.	PPB Au
Geochemical Analysis	
W 21	<5
W 22	<5
W 23	<5
W 24	<5
W 25	<5
W 26	<5
W 27	<5
W 28	<5
W 29	<5
W 30	<5
W 31	<5
W 32	<5
W 33	<5
W 34	<5
W 35	<5
W 36	<5
W 37	<5
W 38	<5
W 39	<5
W 40	<5
W 41	<5
W 42	<5
W 43	<5
W 44	<5
W 45	<5
W 46	<5
W 47	<5
W 48	<5
W 49	<5
W 50	<5

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

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Pulps retained one month
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are made in advance.

Assayer

To: 402813 ALBERTA LTD.,
206, 125 Main Street,
Airdrie, Alberta

ATTN: Dr. C.K. Ho

File No. 36855
Date September 9, 1994
Samples Soil

Certificate of Assay
LORING LABORATORIES LTD.

SAMPLE NO.		PPB Au
W 51		<5
W 52		<5
W 53		<5
W 54		<5
W 55		<5
W 56		<5
W 57		<5
W 58		<5
W 59		<5
W 60		<5
W 61		<5
W 62		<5
W 63		<5
GR/1900	0W	80
	50W	67
	100W	550
	150W	42
	200W	29
	250W	13
	300W	44
GR/1800	50E	30
	100E	63
	0W	14
	50W	160
	100W	22
	150W	34
	200W	46
	250W	138
	300W	85
	350W	173
R 1900-	68W Rock - Sample	72

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.

Assayer

To: 402813 ALBERTA LTD.,
206, 125 Main Street,
Airdrie, Alberta

ATTN: Dr. C.K. Ho

File No. 36855
Date September 16, 1994
Samples Soil

Certificate of Assay
LORING LABORATORIES LTD.

Page # 7

SAMPLE NO.	PPB Au
W-106	<5
107	13
108	<5
109	<5
110	<5
111	6
112	22
S-1960- 9	124
S-1990- 7	147
S-2000- 3	350
4	460
5	7
6	20
8	24
S-2010- 2	136
S-2025- 1	65
S-2060-12	227
S-2075-11	21
S-2100- 1	<5
2	128
3	11
4	13
5	16
6	6
7	76
8	54
9	24
10	134

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

jects retained one month.
ulps retained one month
unless specific arrangements
are made in advance.

Assayer

ID:

To: 402813 ALBERTA LTD.,
206, 125 Main Street,
Airdrie, Alberta

ATTN: Dr. C.K. Ho

File No. 36899
Date September 30, 1994
Samples

Glen Rodgers
P.O. BOX 63
SKOOKUMCHUCK, B.C.
V0B 2E0

Certificate of Assay
LORING LABORATORIES LTD.

FAX & PH. (604) 422-374

Page # 1

SAMPLE NO.		PPB Au
Geochemical Analysis		
A 17001	1700-1	5
17002	1700-2	<5
17003	1700-3	7
17004	1700-4	8
17005	1700-5	8
17006	1700-6	5
17007	1700-7	30
17008	1700-8	<5
17009	1700-9	9
17010	1700-10	<5
17011	1700-11	17
17012	1700-12	<5
A 18001	1800-1	140
18002	1800-2	71
18003	1800-3	5
18004	1800-4	15
18005	1800-5	10
18006	1800-6	5
18007	1800-7	8
18008	1800-8	<5
18009	1800-9	12
18010	1800-10	5
18011	1800-11	7
18012	1800-12	18
18013	1800-13	<5
18014	1800-14	<5
18015	1800-15	15
18016	1800-16	<5
18017	1800-17	56
A 19001	1900-1	5

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.

Assayer

ID: OCT 01 '94 20:50 No.008 P.02

TO: 402519 ALBERTA LTD.
206, 125 Main Street,
Airdrie, Alberta

ATTN: Dr. C.K. Ho

Date September 30, 1994
Samples

Certificate of Assay
LORING LABORATORIES LTD.

SAMPLE NO.		PPB Au
A 19002	1900-2	5
19003	1900-3	<5
19004	1900-4	<5
19005	1900-5	11
19006	1900-6	21
19007	1900-7	13
19008	1900-8	46
19009	1900-9	14
19010	1900-10	12
A 19801	1980-1	12
19802	1980-2	<5
19803	1980-3	60
19804	1980-4	75
19805	1980-5	17
19806	1980-6	375
19807	1980-7	390
19808	1980-8	13
19809	1980-9	390
19810	1980-10	182
L1800 100E		324
150E		50
200E		68
250E		179
300E		131
L1900 100E		36
150E		46
200E		53
250E		37
L2000 50E		19
100E		36
R 125E *	Rock	8

* Sample in plastic bag

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.

Assayer

ID: OCT 01'94 20:50 No.008 P.03

TO: 402813 ALBERTA LTD.,
206, 125 Main Street,
Airdrie, Alberta

ATTN: Dr. C.K. Ho

Date September 30, 1994
Samples

Certificate of Assay
LORING LABORATORIES LTD.

Page # 3

SAMPLE NO.	PPB Au
L2000R 150E *	46
L2000 150E	<5
200E	18
~~19-2~~	~~<5~~

* Sample in plastic bag

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.

Assayer

Eco-Tech LABORATORIES LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ANALYSIS ETK 94-893

DR. C.K. HO
402813 Alberta Ltd.
206 - 125 Main Street
Airdrie, Alta

10-Nov-94

ATTENTION: Dr. C.K. Ho

1 SOIL sample received October 25, 1994

ET #.	Description	Au (ppb)
1	G 1700 - 58B	755

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

Fax@(403) 25

XLS/KMISC7

FEED FAX THIS END

FAX

To: E. Olfert
Dept.:
Fax No.: 684-9877
No. of Pages: 2
From: Sandy.
Date: Nov 10
Company:
Fax No.:
Comments: 893-Au
892-Au + ICP.

Post-it fax pad 7603E

10-Nov-94

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 2J3

Phone: 604-573-5700
Fax : 604-573-4557

DR. C.K. HO ETK 94-892
402813 ALBERTA LTD.
206-125 MAIN STREET
AIRDRIE, ALTA

11 ROCK samples received October 25, 1994

Values reported in ppm unless otherwise indicated

Et #.	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	G.R.- 1	10	2.2	0.34	10	45	15	0.64	3	63	165	69	10.50	<10	0.07	7070	114	0.03	87	1020	258	<5	<20	41	0.02	<10	33	<10	<1	235
2	G.R.- 2	75	0.8	0.49	4	70	5	1.61	1	26	35	41	6.11	<10	0.64	1279	3	0.02	42	470	72	<5	<20	171	<.01	<10	5	<10	<1	191
3	E.R.- 1	10	0.2	1.99	8	105	15	0.97	<1	34	49	3	7.10	<10	6.15	423	<1	0.01	33	3370	12	35	<20	13	<.01	<10	40	<10	<1	44
4	E.R.- 2	<5	<.2	3.02	8	215	15	1.87	<1	31	115	4	5.84	<10	4.26	728	<1	<.01	36	1070	16	30	<20	19	0.02	<10	27	<10	<1	37
5	E.R.- 3	140	<.2	0.74	10	205	5	2.70	<1	10	170	9	2.18	<10	1.90	631	11	<.01	8	1020	8	20	<20	38	<.01	<10	14	<10	2	18
6	E.R.- 4	20	<.2	0.09	10	450	<5	0.09	<1	2	202	4	0.55	<10	0.06	109	8	<.01	5	90	2	<5	<20	16	<.01	<10	2	<10	<1	9
7	E.R.- 5	345	0.6	0.06	10	10	<5	0.03	<1	2	216	4	0.55	<10	0.02	39	16	<.01	6	40	6	<5	<20	<1	<.01	<10	2	<10	<1	9
8	E.R.- 6	150	<.2	0.05	8	10	<5	0.14	<1	3	236	5	0.48	<10	0.02	70	9	<.01	7	60	2	<5	<20	2	<.01	<10	2	<10	<1	8
9	E.R.- 7	20	0.8	0.16	10	85	10	4.84	<1	7	132	3	5.51	<10	0.64	3957	8	<.01	7	1610	<2	5	<20	48	0.02	<10	6	<10	3	13
10	E.R.- 8	10	0.6	0.05	10	35	5	12.10	<1	6	81	2	7.12	<10	3.84	3509	1	<.01	9	560	<2	25	<20	76	<.01	<10	3	<10	<1	13
11	E.R.- 9	10	0.6	0.04	10	25	15	11.70	<1	6	110	2	6.87	<10	3.36	3851	6	<.01	8	500	<2	25	<20	59	<.01	<10	3	<10	<1	14
QC DATA:																														
Repeat:																														
1	G.R.- 1		2.4	0.32	10	40	20	0.73	3	61	162	67	10.10	<10	0.10	6869	110	0.03	84	1000	250	<5	<20	38	0.02	<10	32	<10	<1	227
Standard 1991			1.4	1.88	12	170	<5	1.83	1	21	66	89	4.28	<10	0.96	709	<1	0.02	29	710	24	5	<20	65	0.13	<10	81	<10	4	84

*Result to follow

XLS/Kmisc#6
df/6446

ECO-TECH LABORATORIES LTD.
Frank J.Pezzotti, A.Sc.T.
B.C.Certified Assayer

Loring Laboratories Ltd. File # 36855																														
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	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
W-1	< 1	33	9	36	0.2	15	10	353	2.54	6	< 5	<5	6	6	< .2	< 2	< 2	10	0.11	0.02	46	15	0.6	284	0.01	2	1.3	< .01	0.07	2
W-2	1	68	14	59	0.3	15	9	264	2.26	10	< 5	<5	6	11	0.3	< 2	< 2	13	0.17	0.018	29	11	0.68	101	0.04	2	1.78	0.01	0.07	< 1
W-3	< 1	52	9	45	0.2	14	13	120	1.92	9	5	11	5	5	0.2	2	< 2	9	0.06	0.022	44	10	0.74	128	0.01	< 2	1.2	< .01	0.06	< 1
W-4	< 1	49	11	48	0.2	15	8	245	2.45	12	< 5	<5	4	11	0.2	2	< 2	19	0.13	0.035	24	20	0.58	308	0.04	2	2.09	0.02	0.07	< 1
W-5	< 1	17	2	28	0.1	11	5	169	1.26	3	7	5	9	5	< .2	< 2	< 2	7	0.07	0.024	55	7	0.77	182	0.01	< 2	1.15	< .01	0.07	1
W-6	1	33	8	34	0.1	14	9	187	2.4	< 2	6	6	6	3	0.2	2	< 2	9	0.05	0.024	47	8	0.67	110	0.01	2	1.02	< .01	0.07	1
W-7	2	16	6	31	0.1	16	7	142	2.38	9	< 5	<5	4	7	0.2	< 2	< 2	24	0.08	0.033	23	20	0.49	339	0.05	< 2	2.29	0.01	0.12	1
W-8	< 1	21	9	35	0.2	20	8	221	2.24	< 2	< 5	<5	4	14	0.2	< 2	< 2	23	0.23	0.042	19	25	0.48	465	0.07	3	3.23	0.02	0.12	2
W-9	< 1	13	4	37	0.1	12	6	218	1.87	3	8	<5	6	5	< .2	< 2	< 2	10	0.08	0.023	53	13	0.47	265	0.01	< 2	1.25	< .01	0.09	< 1
W-10	< 1	39	12	51	0.3	14	8	286	2.18	5	< 5	<5	5	15	0.2	< 2	< 2	20	0.18	0.029	26	6	0.41	228	0.09	2	2.76	0.02	0.06	1
W-11	1	46	7	25	0.1	11	10	302	2.07	4	< 5	<5	7	5	< .2	2	< 2	9	0.13	0.02	41	7	0.22	62	0.01	< 2	0.81	< .01	0.07	< 1
W-12	< 1	27	16	46	0.2	16	9	750	2.48	8	< 5	<5	3	21	< .2	< 2	< 2	26	0.39	0.043	29	10	0.35	193	0.11	< 2	3.38	0.02	0.11	1
W-13	< 1	53	7	20	0.2	13	13	687	2.39	22	< 5	<5	6	18	0.2	3	< 2	3	2.04	0.073	25	3	1.43	27	0.01	< 2	0.36	< .01	0.05	1
W-14	3	72	13	22	0.1	18	16	505	2.67	44	< 5	<5	11	5	0.2	3	< 2	4	0.18	0.029	35	5	0.19	17	< .01	< 2	0.42	< .01	0.05	< 1
W-15	< 1	69	13	26	0.1	17	12	283	2.19	16	< 5	<5	9	6	< .2	3	< 2	9	0.15	0.024	37	9	0.22	44	0.01	< 2	0.84	< .01	0.05	< 1
W-16	1	26	10	40	0.1	16	8	397	2.78	11	< 5	<5	5	10	0.2	2	< 2	17	0.17	0.016	27	9	0.33	97	0.04	< 2	1.63	0.01	0.07	1
W-17	1	31	19	35	0.1	17	10	330	2.83	28	< 5	<5	5	11	0.2	2	< 2	18	0.17	0.022	22	11	0.28	114	0.03	< 2	1.68	0.01	0.07	< 1
W-18	1	38	15	34	0.1	15	8	169	2.18	22	< 5	<5	5	5	< .2	2	< 2	10	0.11	0.015	28	9	0.29	75	0.01	< 2	1.18	< .01	0.06	< 1
W-19	1	28	29	31	0.5	16	9	445	2.38	21	< 5	<5	4	9	< .2	< 2	< 2	18	0.21	0.02	25	10	0.31	92	0.02	< 2	1.56	0.01	0.08	1
W-20	< 1	49	50	44	0.2	17	10	544	2.59	22	< 5	<5	7	11	0.2	2	< 2	10	0.34	0.032	30	8	0.38	59	0.02	< 2	1.01	0.01	0.07	2
W-21	< 1	40	19	28	0.1	16	9	768	3.25	25	< 5	<5	6	6	< .2	2	< 2	14	0.22	0.021	30	9	0.29	94	0.01	< 2	1.32	0.01	0.08	1
W-22	2	63	30	36	0.1	23	14	1681	4.96	40	< 5	<5	10	6	0.2	2	< 2	8	0.18	0.031	32	9	0.35	54	0.01	< 2	0.62	< .01	0.06	1
RE W-22	2	62	30	38	0.1	21	14	1717	5	36	< 5		9	6	0.2	< 2	2	8	0.18	0.031	31	8	0.34	54	0.01	< 2	0.59	< .01	0.06	1
W-23	2	28	18	30	0.2	15	8	595	3.06	11	5	<5	4	9	< .2	< 2	< 2	24	0.17	0.025	25	11	0.22	113	0.05	< 2	2.4	0.02	0.06	1
W-24	3	40	18	19	0.1	13	8	379	2.32	26	< 5	<5	4	8	< .2	2	< 2	15	0.21	0.02	36	9	0.26	99	0.01	< 2	1.08	< .01	0.09	1
W-25	3	60	28	16	0.2	16	9	1052	3.63	15	< 5	<5	6	31	0.2	< 2	4	5	2.96	0.035	25	6	1.8	41	< .01	< 2	0.54	< .01	0.06	1
W-26	1	43	64	23	0.2	17	8	330	2.42	18	< 5	<5	6	4	0.2	2	< 2	12	0.08	0.016	30	9	0.22	90	0.02	< 2	1.18	0.01	0.06	1
W-27	1	32	98	25	0.1	17	9	365	2.12	16	< 5	<5	4	7	< .2	< 2	< 2	18	0.16	0.014	23	8	0.22	144	0.03	< 2	1.84	0.01	0.06	< 1
W-28	< 1	52	45	22	0.1	14	10	249	2.51	30	< 5	<5	6	5	0.2	2	< 2	10	0.15	0.015	30	7	0.31	74	0.01	< 2	1.01	< .01	0.06	< 1
W-29	2	36	15	24	0.1	13	8	162	2.42	21	< 5	<5	5	4	0.2	2	< 2	17	0.06	0.014	26	12	0.42	99	0.02	< 2	1.53	< .01	0.06	< 1
W-30	2	74	25	19	0.4	18	14	689	2.68	46	< 5	<5	6	13	0.2	3	< 2	4	1.36	0.053	19	5	0.82	33	< .01	< 2	0.39	< .01	0.05	< 1
W-31	1	38	11	27	0.1	29	15	712	3.22	32	< 5	<5	3	6	0.2	2	< 2	18	0.13	0.027	26	22	0.19	117	0.01	< 2	0.96	< .01	0.05	< 1
W-32	3	46	12	21	0.1	15	11	308	2.63	23	< 5	<5	6	3	< .2	2	< 2	7	0.09	0.01	30	7	0.3	62	< .01	< 2	0.83	< .01	0.04	< 1
W-33	2	25	13	38	0.1	15	9	266	3.19	18	< 5	<5	3	9	< .2	< 2	< 2	29	0.16	0.024	14	11	0.2	161	0.06	< 2	2.58	0.01	0.07	1
W-34	2	32	13	50	0.1	17	11	496	3.4	20	< 5	<5	2	7	0.2	2	4	15	0.27	0.035	19	11	0.23	101	0.03	< 2	2.51	0.01	0.05	< 1
STANDARD C	19	57	38	128	6.8	67	32	1045	3.96	43	20		34	50	17.6	14	17	60	0.51	0.091	42	62	0.91	189	0.08	33	1.88	0.06	0.15	11

Loring Laboratories Ltd. File # 36855

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	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
W-35	2	37	7	31	< .1	15	10	430	2.19	16	< 5	<5	6	8	0.2	< 2	< 2	19	0.16	0.019	31	9	0.33	124	0.04	3	2.01	0.01	0.12	1
W-36	1	32	8	27	0.1	15	11	354	2.24	6	5	<5	7	6	< .2	< 2	< 2	11	0.11	0.02	46	7	0.36	140	0.01	2	1.24	< .01	0.09	1
W-37	2	48	8	41	0.1	14	9	260	2.35	8	< 5	<5	8	5	0.2	< 2	< 2	9	0.09	0.02	49	7	0.6	119	0.02	< 2	1.25	< .01	0.08	1
W-38	2	37	9	44	< .1	12	7	191	1.87	3	< 5	<5	6	5	< .2	< 2	< 2	12	0.08	0.035	46	7	0.55	146	0.01	< 2	1.55	< .01	0.09	1
W-39	2	34	11	43	< .1	14	9	315	2.04	13	< 5	<5	5	6	< .2	< 2	< 2	15	0.1	0.028	39	12	0.72	214	0.03	< 2	1.76	0.01	0.07	1
W-40	< 1	42	8	30	0.1	11	8	167	2.03	9	< 5	<5	5	4	< .2	< 2	< 2	16	0.06	0.02	38	9	0.3	131	0.02	2	1.44	0.01	0.06	< 1
W-41	2	76	13	30	0.1	10	12	267	2.21	17	< 5	<5	5	6	0.2	3	< 2	12	0.36	0.027	39	6	0.41	49	0.01	2	1.09	< .01	0.05	< 1
W-42	< 1	35	13	21	0.2	9	7	264	2.14	10	< 5	<5	3	7	< .2	< 2	< 2	24	0.13	0.024	21	8	0.17	113	0.04	< 2	2.39	0.01	0.05	1
W-43	2	45	14	41	0.2	13	13	340	2.85	10	< 5	<5	5	7	< .2	< 2	< 2	18	0.18	0.033	25	8	0.2	92	0.04	2	2.07	0.01	0.05	1
W-44	3	47	14	42	0.2	19	12	273	4.12	15	< 5	<5	5	7	0.3	< 2	< 2	28	0.1	0.03	19	15	0.42	169	0.05	2	2.62	0.01	0.06	2
W-45	1	52	11	30	0.2	24	15	372	2.84	26	< 5	<5	8	10	< .2	4	< 2	14	0.34	0.027	30	18	0.32	396	0.02	< 2	1.69	0.01	0.05	1
W-46	< 1	30	12	19	0.1	10	7	188	2.22	18	< 5	<5	4	6	0.2	4	< 2	18	0.19	0.012	24	8	0.28	164	0.01	< 2	1.59	< .01	0.08	1
W-47	2	67	10	25	0.2	19	14	627	2.52	24	< 5	<5	7	15	< .2	4	< 2	7	2.8	0.028	17	7	1.14	90	0.02	3	0.97	0.01	0.07	1
W-48	1	74	14	30	0.1	22	14	304	2.22	23	< 5	<5	9	9	< .2	4	< 2	13	0.36	0.02	28	21	0.4	498	0.02	2	1.26	0.01	0.06	< 1
W-49	2	78	33	30	0.2	24	15	666	3.25	22	6	<5	11	4	0.3	4	< 2	8	0.12	0.019	40	6	0.26	157	0.01	< 2	0.99	< .01	0.07	1
W-50	1	86	13	40	0.2	20	12	864	2.74	16	< 5	<5	10	9	< .2	4	< 2	10	0.3	0.02	36	9	0.64	62	0.02	< 2	1.17	0.01	0.07	1
W-51	1	70	50	106	0.2	22	13	232	2.27	42	< 5	<5	6	5	0.3	2	< 2	10	0.12	0.022	33	12	1.07	73	0.02	3	1.83	0.01	0.07	< 1
W-52	4	35	9	41	0.2	19	11	185	2.31	29	< 5	<5	5	5	< .2	2	< 2	15	0.09	0.019	25	10	0.3	110	0.02	2	1.72	0.01	0.06	2
W-53	2	38	18	72	0.1	14	11	384	2.08	24	< 5	<5	4	4	0.2	2	< 2	18	0.05	0.02	29	9	0.33	104	0.03	2	1.71	0.01	0.05	1
RE W-53	< 1	39	17	75	0.1	16	12	400	2.16	25	< 5		4	5	< .2	2	< 2	20	0.06	0.02	31	9	0.35	110	0.03	< 2	1.75	0.01	0.06	< 1
W-54	1	52	10	25	< .1	14	16	228	1.81	30	6	<5	9	4	0.2	4	< 2	5	0.08	0.012	46	4	0.17	34	0.01	< 2	0.6	< .01	0.04	1
W-55	< 1	27	13	48	0.2	16	9	224	2.11	14	< 5	<5	4	12	< .2	< 2	< 2	21	0.21	0.025	15	9	0.66	129	0.09	< 2	3.35	0.03	0.05	1
W-56	2	49	9	34	< .1	19	18	134	2.17	23	< 5	<5	4	4	< .2	3	< 2	10	0.04	0.016	38	8	0.38	62	0.01	< 2	1.12	< .01	0.04	1
W-57	2	71	16	27	0.1	21	19	245	2.33	38	5	<5	4	4	< .2	5	< 2	7	0.04	0.02	43	6	0.28	60	0.01	< 2	0.82	< .01	0.04	1
W-58	1	43	60	37	0.1	22	15	170	2.19	45	< 5	<5	6	5	< .2	3	2	13	0.12	0.017	32	11	0.76	81	0.02	< 2	1.59	0.01	0.07	2
W-59	2	61	97	39	0.1	27	18	289	2.49	50	6	<5	8	5	0.2	5	< 2	10	0.12	0.018	34	11	0.85	80	0.02	< 2	1.47	< .01	0.08	< 1
W-60	3	21	13	68	0.1	12	6	187	2.62	18	< 5	<5	4	14	< .2	< 2	< 2	31	0.23	0.064	11	10	0.34	95	0.15	2	4.9	0.03	0.05	3
W-61	1	34	13	50	0.1	14	8	268	2.45	10	< 5	<5	5	13	0.2	< 2	< 2	20	0.26	0.04	20	12	0.62	95	0.1	< 2	3.15	0.02	0.06	1
W-62	1	23	12	56	0.1	16	9	502	2.86	10	< 5	<5	7	12	0.3	< 2	< 2	18	0.4	0.028	22	13	1.72	101	0.07	< 2	2.6	0.02	0.13	1
W-63	1	18	15	45	0.4	14	5	294	2.77	5	11	<5	6	24	< .2	2	< 2	28	0.53	0.057	13	11	0.65	80	0.27	< 2	6.58	0.05	0.05	3
W-101	< 1	28	14	47	0.1	13	8	187	2.46	14	< 5	<5	3	8	< .2	< 2	< 2	25	0.13	0.028	25	13	0.43	206	0.05	< 2	1.94	0.01	0.08	< 1
W-102	< 1	48	15	48	0.1	16	9	189	2.41	2	< 5	7	6	7	< .2	2	< 2	14	0.12	0.017	34	13	0.8	81	0.02	< 2	1.32	< .01	0.06	1
W-103	< 1	22	9	40	0.1	15	7	153	2.03	< 2	< 5	<5	4	7	< .2	< 2	2	17	0.08	0.043	32	17	0.75	270	0.04	< 2	2.39	0.01	0.06	2
W-104	< 1	16	13	53	0.1	14	8	220	2.33	< 2	< 5	5	2	11	< .2	< 2	< 2	27	0.19	0.087	18	13	0.65	255	0.06	< 2	2.83	0.01	0.09	2
W-105	< 1	23	12	40	0.1	18	9	180	2.24	7	< 5	<5	4	9	< .2	< 2	< 2	23	0.12	0.02	20	13	0.84	260	0.08	< 2	2.59	0.01	0.09	2
STANDARD C	21	59	38	128	7.3	72	31	1100	4.16	38	19		36	51	19.1	15	18	61	0.5	0.096	40	62	0.91	184	0.09	34	1.97	0.06	0.16	12
W-106	< 1	27	5	19	< .1	13	7	352	1.68	11	< 5	<5	5	38	< .2	< 2	< 2	18	5.94	0.03	9	19	4.16	108	0.08	2	2.74	0.05	0.16	5
W-107	< 1	41	9	36	< .1	15	12	503	2.66	10	< 5	13	6	20	0.2	2	< 2	10	2.12	0.063	24	10	1.64	75	0.02	< 2	0.83	0.01	0.06	1
W-108	1	83	24	34	0.3	26	21	893	4.5	37	< 5	<5	4	23	< .2	3	< 2	10	3.32	0.051	13	8	2.02	39	0.01	< 2	0.64	0.01	0.06	3
W-109	< 1	57	15	26	0.1	21	16	483	3.93	35	< 5	<5	5	6	0.2	2	3	16	0.33	0.026	22	10	0.61	90	0.02	2	1.18	< .01	0.1	1
W-110	< 1	26	17	46	0.1	18	10	730	3.15	9	< 5	<5	3	18	< .2	< 2	< 2	27	0.27	0.034	16	12	0.35	190	0.12	< 2	2.9	0.03	0.08	2
W-111	2	44	12	47	0.1	19	15	325	4.61	12	< 5	6	4	6	< .2	3	< 2	16	0.1	0.027	31	11	0.49	66	0.01	< 2	1.17	< .01	0.06	2
W-112	2	33	31	22	< .1	14	9	471	2.41	20	< 5	22	4	31	0.2	3	< 2	4	4.2	0.037	17	7	2.16	33	0.01	< 2	0.47	< .01	0.06	2

irrelevant because not in PPB

PROJECT 36899	TO: 402813 ALBERTA LTD.																												
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
[illegible]-19-2	1	50	9	38	< .1	24	19	389	3.33	< 2	< 5	< 2	2	23	< .2	< 2	< 2	21	1.99	0.046	9	17	4.58	293	0.01	6	2.08	< .01	0.21	3
A1700-1	1	37	24	73	< .1	9	8	3194	2.27	< 2	< 5	< 2	2	17	< .2	< 2	< 2	37	0.20	0.052	16	15	0.14	480	0.09	4	1.59	0.02	0.12	< 1
A1700-2	1	34	40	47	0.1	7	6	528	2	2	< 5	< 2	< 2	8	< .2	< 2	< 2	31	0.05	0.049	23	13	0.15	216	0.04	3	1.16	0.01	0.11	< 1
A1700-3	1	39	35	52	0.5	10	9	373	1.4	3	< 5	< 2	8	5	< .2	3	< 2	5	0.09	0.045	31	5	0.27	92	0.01	3	0.45	< .01	0.06	< 1
A1700-4	1	33	38	66	0.3	10	10	546	1.34	< 2	< 5	< 2	6	7	0.3	2	< 2	8	0.12	0.058	34	7	0.33	88	0.01	3	0.67	0.01	0.08	< 1
A1700-5	1	34	32	45	< .1	7	5	48	0.94	< 2	< 5	< 2	< 2	5	0.2	3	< 2	8	0.05	0.074	20	7	0.18	42	0.01	< 2	0.48	0.01	0.05	2
A1700-6	1	32	22	37	0.1	4	5	1728	0.84	< 2	< 5	< 2	< 2	5	< .2	< 2	< 2	14	0.03	0.057	19	7	0.05	235	0.02	2	0.72	0.01	0.03	2
A1700-7	2	41	18	38	0.3	10	7	264	2.24	< 2	< 5	< 2	3	8	< .2	< 2	< 2	27	0.12	0.056	27	10	0.20	126	0.06	4	0.89	0.01	0.17	1
A1700-8	1	43	28	53	0.1	9	10	1462	2.23	< 2	< 5	< 2	< 2	10	< .2	< 2	< 2	20	0.15	0.146	26	13	0.19	146	0.04	3	1.3	0.01	0.10	< 1
A1700-9	1	36	29	38	0.1	10	11	585	1.72	4	< 5	< 2	< 2	7	< .2	3	< 2	16	0.08	0.102	27	10	0.27	116	0.02	3	0.71	< .01	0.08	1
A1700-10	2	61	22	52	0.3	10	5	559	0.85	2	< 5	< 2	< 2	20	0.3	2	< 2	11	0.27	0.093	17	7	0.09	227	0.01	4	0.42	0.01	0.17	< 1
A1700-11	2	29	23	59	0.2	14	10	153	2.41	< 2	< 5	< 2	7	5	< .2	< 2	< 2	15	0.05	0.139	38	11	0.28	135	0.03	2	1.89	0.01	0.06	1
A1700-12	1	45	15	53	0.3	5	4	554	1.71	2	< 5	< 2	2	6	< .2	4	< 2	30	0.09	0.058	22	11	0.15	105	0.05	< 2	1.11	0.01	0.05	2
A1800-1	1	24	20	40	0.1	8	8	641	1.53	< 2	< 5	< 2	4	5	< .2	2	< 2	18	0.09	0.050	33	7	0.20	114	0.03	3	0.72	0.01	0.14	2
A1800-2	1	28	9	41	0.4	5	3	42	1.19	< 2	< 5	< 2	2	7	< .2	2	< 2	19	0.10	0.038	26	9	0.14	103	0.02	5	0.64	0.01	0.06	2
A1800-3	1	28	14	37	< .1	14	7	80	1.98	3	< 5	< 2	9	8	< .2	2	< 2	27	0.09	0.028	42	16	0.27	124	0.03	2	1.08	0.01	0.12	2
A1800-4	1	74	11	50	< .1	5	4	108	1.53	< 2	< 5	< 2	4	10	< .2	3	< 2	23	0.13	0.024	18	9	0.09	84	0.04	3	0.63	0.01	0.10	< 1
A1800-5	1	28	11	41	0.3	9	9	517	1.81	< 2	< 5	< 2	10	12	< .2	3	< 2	24	0.17	0.029	40	13	0.18	295	0.03	3	0.94	0.01	0.15	2
A1800-6	3	54	33	38	0.1	11	16	80	2.32	3	< 5	< 2	7	5	< .2	2	< 2	28	0.05	0.028	37	11	0.19	86	0.04	3	0.93	0.01	0.10	2
A1800-7	2	33	21	58	0.1	14	11	372	3.3	< 2	< 5	3	4	5	< .2	3	< 2	26	0.02	0.055	45	13	0.26	106	0.04	2	1.37	0.01	0.09	< 1
A1800-8	2	48	39	59	0.2	4	6	1256	1.1	3	< 5	< 2	< 2	5	< .2	2	< 2	12	0.06	0.093	26	7	0.08	93	0.01	3	0.36	0.01	0.08	2
A1800-9	1	21	8	25	0.2	4	3	42	1.38	< 2	< 5	< 2	6	5	< .2	2	< 2	19	0.03	0.015	45	7	0.11	102	0.02	2	0.68	0.01	0.10	2
A1800-10	1	33	45	42	< .1	11	22	487	2.6	< 2	< 5	< 2	6	31	< .2	< 2	< 2	30	0.33	0.077	19	14	0.24	506	0.05	2	4.36	0.01	0.08	3
A1800-11	< 1	21	37	83	< .1	8	11	1457	1.54	3	< 5	< 2	< 2	16	0.3	< 2	< 2	16	0.25	0.112	31	8	0.23	258	0.02	2	0.95	0.01	0.13	2
RE A1800-11	1	19	40	84	0.3	8	11	1474	1.56	6	< 5	< 2	< 2	16	0.5	2	< 2	17	0.25	0.114	31	8	0.23	259	0.02	2	0.95	0.01	0.13	3
A1800-12	< 1	53	15	39	0.3	2	2	230	0.59	< 2	< 5	< 2	2	6	< .2	3	< 2	8	0.08	0.044	34	6	0.07	70	0.01	< 2	0.46	0.01	0.07	2
A1800-13	< 1	79	102	99	0.4	9	9	988	1.18	3	< 5	< 2	< 2	20	0.5	3	< 2	11	0.32	0.086	16	8	0.23	214	0.02	2	0.6	0.01	0.10	< 1
A1800-14	< 1	39	30	58	0.1	7	7	445	1.51	< 2	< 5	< 2	2	4	< .2	4	< 2	10	0.06	0.050	23	7	0.19	76	0.01	< 2	0.51	< .01	0.11	2
A1800-15	1	53	44	52	0.1	7	6	169	1.25	5	< 5	< 2	3	7	< .2	2	< 2	13	0.06	0.050	37	7	0.20	180	0.01	2	0.73	0.01	0.08	< 1
A1800-16	1	23	21	41	0.3	2	2	59	0.68	< 2	< 5	< 2	3	7	< .2	2	< 2	13	0.11	0.030	28	6	0.06	90	0.02	2	0.7	0.01	0.07	3
A1800-17	2	57	83	79	< .1	12	15	1716	1.54	8	< 5	< 2	2	16	0.5	2	< 2	9	0.33	0.084	17	8	0.20	393	0.01	< 2	0.64	0.01	0.08	< 1
A1900-1	1	20	36	41	0.1	6	5	177	1.4	4	< 5	< 2	4	11	< .2	< 2	< 2	20	0.10	0.037	34	8	0.17	326	0.02	3	0.98	0.01	0.10	1
A1900-2	< 1	26	31	62	< .1	11	11	2045	1.56	3	< 5	< 2	2	34	0.3	< 2	< 2	16	0.66	0.123	17	9	0.30	486	0.02	3	1.62	0.01	0.09	1
A1900-3	< 1	39	9	25	0.3	3	3	59	0.73	< 2	< 5	< 2	6	3	< .2	2	< 2	13	0.03	0.020	54	5	0.03	59	0.01	< 2	0.56	< .01	0.06	2
A1900-4	< 1	42	15	24	0.4	2	2	15	1.01	< 2	< 5	< 2	8	3	< .2	2	< 2	12	0.01	0.010	55	5	0.07	27	0.03	< 2	0.74	< .01	0.04	1
STANDARD C	21	63	43	131	7	66	33	1031	3.96	43	14	7	38	51	16.9	18	17	60	0.51	0.092	41	62	0.91	184	0.09	33	1.88	0.06	0.16	13
A1900-5	< 1	28	12	30	0.2	2	1	16	0.67	2	< 5	< 2	7	3	< .2	4	< 2	15	0.02	0.014	52	8	0.05	46	0.02	< 2	0.93	0.01	0.05	1

ignore Au values
not in ppb.

ignore Au values

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
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
A1900-6	< 1	36	14	27	0.1	2	1	41	0.33	< 2	< 5	< 2	< 2	3	< .2	4	< 2	6	0.05	0.040	44	4	0.02	31	0.01	2	0.32	< .01	0.04	1
A1900-7	1	32	23	49	0.1	11	9	240	2.43	< 2	< 5	< 2	9	7	< .2	3	< 2	28	0.09	0.030	32	14	0.38	158	0.04	2	1.62	0.01	0.11	< 1
A1900-8	< 1	48	21	35	0.1	6	9	548	1.5	5	< 5	< 2	7	4	< .2	3	< 2	20	0.05	0.020	44	9	0.16	107	0.02	< 2	0.92	< .01	0.05	1
A1900-9	< 1	25	18	34	< .1	3	2	46	0.93	3	< 5	< 2	5	4	< .2	3	< 2	17	0.04	0.020	29	6	0.10	37	0.02	3	0.65	0.01	0.04	1
A1900-10	1	32	23	66	< .1	8	6	273	2.16	2	< 5	< 2	5	6	< .2	5	< 2	29	0.04	0.042	23	13	0.31	86	0.08	4	2.39	0.01	0.06	< 1
A1980-1	< 1	29	47	53	0.1	8	7	594	1.67	< 2	< 5	< 2	< 2	14	< .2	3	< 2	11	0.93	0.058	19	10	1.06	87	0.01	2	0.92	0.01	0.06	< 1
A1980-2	< 1	44	27	48	0.2	3	3	648	1.37	4	< 5	< 2	6	5	< .2	3	< 2	17	0.06	0.024	42	8	0.13	71	0.03	2	0.66	0.01	0.07	< 1
A1980-3	< 1	28	15	31	0.1	6	4	111	1.26	5	< 5	< 2	8	3	< .2	4	< 2	21	0.02	0.018	37	11	0.21	49	0.03	< 2	0.85	< .01	0.05	1
A1980-4	2	54	22	56	0.1	10	14	713	1.9	< 2	< 5	< 2	4	10	< .2	3	< 2	10	0.16	0.064	33	9	0.29	249	0.01	3	0.85	< .01	0.07	< 1
A1980-5	1	29	13	46	0.1	6	8	320	1.43	3	< 5	< 2	7	4	< .2	3	< 2	18	0.02	0.029	44	9	0.12	63	0.03	< 2	1.36	0.01	0.05	< 1
A1980-6	< 1	26	5	24	< .1	2	1	52	0.35	2	< 5	< 2	5	4	< .2	3	< 2	9	0.04	0.015	42	5	0.06	38	0.02	2	0.67	0.01	0.04	< 1
A1980-7	< 1	35	20	48	0.2	6	5	173	1.11	< 2	< 5	< 2	2	8	< .2	3	< 2	13	0.08	0.048	36	9	0.15	156	0.01	2	0.77	0.01	0.09	< 1
A1980-8	< 1	16	71	73	0.1	10	11	1361	1.44	7	< 5	< 2	< 2	29	0.5	2	< 2	15	0.47	0.092	19	10	0.25	374	0.02	4	1.17	0.01	0.10	< 1
A1980-9	1	30	17	48	0.2	9	7	181	1.8	4	< 5	< 2	6	4	< .2	5	< 2	22	0.03	0.031	45	8	0.17	90	0.03	3	0.72	< .01	0.09	1
A1980-10	1	43	35	46	0.1	5	4	93	1.73	3	< 5	< 2	9	5	0.2	4	< 2	19	0.06	0.026	51	6	0.12	198	0.02	2	0.93	< .01	0.05	< 1
L1800 100E	1	34	9	32	< .1	4	3	35	1.03	6	< 5	< 2	3	9	0.2	3	< 2	21	0.13	0.032	14	9	0.09	98	0.03	3	0.79	0.01	0.09	< 1
L1800 150E	1	22	43	69	< .1	21	17	1754	3.14	5	< 5	< 2	3	12	< .2	< 2	< 2	40	0.23	0.067	22	31	0.42	294	0.05	3	2.04	0.01	0.12	< 1
L1800 200E	< 1	29	28	35	0.1	12	11	739	2.46	4	< 5	< 2	5	14	< .2	< 2	< 2	38	0.21	0.029	17	17	0.22	270	0.05	4	1.73	0.01	0.11	1
L1800 250E	3	42	50	61	0.1	14	14	1607	3.03	8	< 5	< 2	5	23	0.4	< 2	< 2	29	0.45	0.073	14	14	0.35	237	0.03	3	1.59	0.01	0.13	< 1
L1800 300E	1	26	19	32	0.1	13	15	780	2.48	3	< 5	< 2	2	11	< .2	4	< 2	34	0.26	0.054	15	15	0.38	229	0.04	3	1.61	0.01	0.10	1
RE L1800 300E	1	25	16	32	0.2	14	15	784	2.46	3	< 5	< 2	2	11	< .2	2	< 2	34	0.26	0.054	14	16	0.37	229	0.04	3	1.61	0.01	0.11	2
L1900 100E	< 1	190	14	37	< .1	19	18	963	4	< 2	< 5	< 2	3	14	< .2	< 2	< 2	35	0.39	0.053	13	20	0.98	184	0.08	4	3.28	0.02	0.10	< 1
L1900 150E	1	216	17	35	< .1	18	20	1491	3.95	6	< 5	< 2	7	14	0.2	< 2	< 2	27	0.35	0.033	20	17	0.57	212	0.03	4	2.02	0.01	0.14	< 1
L1900 200E	1	190	18	44	< .1	16	17	1271	3.05	4	< 5	< 2	4	22	< .2	< 2	< 2	24	0.90	0.045	14	15	0.96	475	0.03	5	1.77	0.01	0.15	< 1
L1900 250E	1	66	19	41	< .1	22	18	431	3.47	2	< 5	< 2	7	15	< .2	2	< 2	31	0.34	0.025	20	17	0.54	518	0.07	5	2.93	0.02	0.13	2
L2000 50E	1	24	11	25	< .1	12	12	148	3.51	< 2	< 5	< 2	2	14	< .2	< 2	< 2	46	0.13	0.095	10	17	1.03	84	0.09	3	2.99	0.02	0.03	< 1
L2000 100E	1	29	15	42	< .1	15	14	845	3.58	2	< 5	< 2	4	8	< .2	2	< 2	37	0.11	0.058	22	25	1.70	130	0.04	4	2.74	0.01	0.06	1
Rock L2000 125E	6	197	9	21	< .1	38	35	2217	9.08	< 2	< 5	< 2	4	47	< .2	< 2	< 2	18	4.97	0.089	4	5	4.00	259	0.01	8	0.64	0.01	0.07	2
L2000 150E	< 1	272	28	46	< .1	32	51	1607	6.87	3	< 5	< 2	4	17	< .2	< 2	< 2	48	0.54	0.082	14	16	2.36	441	0.04	5	2.75	0.01	0.08	1
Rock L2000 150EA	7	294	12	15	< .1	91	158	2490	9.95	42	< 5	< 2	4	75	0.3	< 2	< 2	9	8.14	0.042	< 2	6	6.41	317	< .01	7	0.19	0.01	0.03	3
L2000 200E	2	27	8	32	< .1	16	20	124	4	5	5	< 2	6	9	< .2	3	< 2	46	0.10	0.058	11	16	1.14	149	0.1	3	4.93	0.01	0.05	1
STANDARD C	20	63	42	131	7.1	69	33	1032	3.96	43	18	7	39	51	16.8	14	18	59	0.51	0.093	41	62	0.92	184	0.09	33	1.88	0.06	0.16	11

Lòring Laboratories Ltd. File # 36855

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	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
GR-1800 50E	2	14	19	31	0.1	15	8	171	2.7	< 2	< 5	30	3	15	0.2	2	< 2	31	0.56	0.045	12	14	0.56	164	0.09	2	2.8	0.02	0.12	1
GR-1800 100E	< 1	29	18	22	< .1	7	4	73	1.69	8	< 5	63	< 2	10	< .2	< 2	< 2	29	0.12	0.061	14	9	0.3	105	0.07	6	1.09	0.01	0.09	1
GR-1800 0W	2	28	19	35	0.1	15	15	763	3.93	5	< 5	14	< 2	16	< .2	< 2	< 2	36	0.35	0.162	11	15	0.85	106	0.11	2	3.21	0.02	0.07	1
GR-1800 50W	2	24	14	40	0.1	19	23	504	5.17	5	< 5	160	3	19	0.2	< 2	< 2	38	0.42	0.208	16	19	2.7	152	0.05	< 2	3.15	0.01	0.08	< 1
GR-1800 100W	< 1	24	19	40	0.1	23	18	274	4.29	5	< 5	22	3	14	< .2	< 2	< 2	35	0.34	0.032	13	17	1.73	245	0.06	< 2	3.52	0.01	0.1	1
GR-1800 150W	1	45	19	34	0.1	17	22	2371	4.74	< 2	< 5	34	2	33	0.3	< 2	< 2	31	1.22	0.047	14	19	1.32	415	0.03	6	1.99	0.01	0.13	< 1
GR-1800 200W	1	25	14	43	0.1	24	19	1790	4.63	< 2	< 5	46	2	19	0.2	< 2	< 2	37	0.53	0.08	13	26	2.39	247	0.06	< 2	3.32	0.01	0.12	1
GR-1800 250W	1	18	15	45	0.2	20	13	514	3.75	9	< 5	138	3	14	< .2	3	< 2	37	0.23	0.071	14	18	1.47	119	0.1	< 2	3.33	0.02	0.1	2
GR-1800 300W	< 1	19	15	38	0.1	16	21	2514	3.69	< 2	< 5	85	< 2	15	0.2	< 2	< 2	32	0.35	0.098	12	12	1.23	192	0.05	2	2.11	0.01	0.14	< 1
GR-18[illegible] 350W	1	29	18	48	0.2	29	21	2008	5.03	< 2	< 5	173	2	18	< .2	< 2	< 2	40	0.37	0.063	11	23	1.79	243	0.08	< 2	3.19	0.01	0.12	1
RE GR-1800 35	< 1	27	15	45	0.1	28	21	1936	4.92	< 2	< 5		2	17	< .2	< 2	< 2	39	0.35	0.06	11	21	1.76	225	0.08	3	3.12	0.01	0.12	< 1
GR-1900 0W	1	24	20	34	0.1	16	18	573	3.83	< 2	< 5	80	< 2	12	0.2	2	< 2	32	0.31	0.119	13	14	1.7	134	0.02	< 2	2.27	0.01	0.06	< 1
GR-1900 50W	< 1	18	18	48	< .1	16	17	393	4.37	3	< 5	67	2	12	0.2	< 2	< 2	51	0.24	0.05	15	19	1.63	146	0.06	< 2	2.92	0.01	0.08	2
GR-1900 68W	< 1	2	6	10	< .1	20	11	641	3.56	2	< 5	550	< 2	79	0.2	< 2	< 2	20	2.79	0.146	6	124	1.75	115	0.01	2	0.36	0.02	0.15	< 1
GR-1900 100W	< 1	20	14	45	0.1	19	17	318	4.13	< 2	< 5	42	2	9	< .2	< 2	< 2	41	0.17	0.091	17	24	1.98	113	0.05	< 2	2.71	0.01	0.1	2
GR-1900 150W	1	12	10	36	0.1	12	9	118	3.6	< 2	< 5	29	2	6	< .2	< 2	< 2	41	0.08	0.033	13	14	1.36	67	0.06	< 2	2.19	0.01	0.07	< 1
GR-1900 200W	1	26	14	53	0.1	27	18	2791	4.53	4	< 5	13	2	18	0.2	2	< 2	33	0.57	0.072	14	40	2.09	793	0.04	< 2	3	0.01	0.11	< 1
GR-1900 250W	< 1	50	17	40	0.1	20	18	1359	4.21	< 2	< 5	44	5	21	0.3	< 2	< 2	36	0.5	0.034	16	43	1.48	996	0.03	3	2.95	0.01	0.11	< 1
GR-1900 300W	2	399	11	34	0.2	17	25	388	3.35	< 2	< 5	30	7	5	0.2	2	< 2	26	0.07	0.035	23	22	1.41	92	0.02	3	2.19	0.01	0.08	1
STANDARD C	17	57	41	128	6.8	68	32	1038	3.96	38	19		35	50	17.8	14	18	60	0.51	0.091	39	61	0.91	189	0.08	33	1.88	0.06	0.15	11
S-2100 1	1	10	< 2	42	< .1	28	22	158	4.91	5	5	<5	8	3	< .2	< 2	< 2	45	0.04	0.031	41	37	5.94	52	0.01	< 2	4.95	< .01	0.04	1
S-2100 2	1	12	11	34	< .1	20	11	242	3.35	7	< 5	128	4	4	< .2	< 2	< 2	26	0.04	0.038	19	14	0.67	99	0.04	< 2	1.88	0.01	0.07	2
S-2100 3	1	10	4	27	< .1	14	9	383	2.61	4	< 5	11	4	3	< .2	< 2	< 2	22	0.02	0.034	23	15	0.94	56	0.02	< 2	1.53	< .01	0.07	2
RE S-2100 3	1	9	4	30	< .1	14	9	391	2.64	7	< 5		5	3	0.2	< 2	< 2	22	0.03	0.035	23	15	0.96	55	0.02	< 2	1.52	< .01	0.08	2
S-2100 4	< 1	22	8	33	< .1	27	20	1218	4.18	9	< 5	13	3	5	< .2	< 2	< 2	22	0.11	0.075	18	19	1.78	238	0.02	2	2.17	< .01	0.1	2
S-2100 5	< 1	13	8	27	< .1	25	24	222	3.32	< 2	< 5	16	< 2	5	< .2	< 2	< 2	29	0.08	0.044	20	24	1.07	94	0.02	< 2	1.9	0.01	0.07	1
S-2100 6	< 1	10	10	37	< .1	25	25	751	4.61	< 2	< 5	6	< 2	7	< .2	2	< 2	38	0.18	0.101	13	15	4.38	146	0.03	< 2	3.82	0.01	0.06	1
S-2100 7	2	16	14	44	< .1	24	16	598	4.48	8	< 5	76	4	6	< .2	< 2	< 2	27	0.1	0.036	25	18	1.29	194	0.01	< 2	2.23	< .01	0.08	1
S-2100 8	< 1	9	5	31	< .1	18	9	174	2.73	< 2	< 5	54	5	3	< .2	< 2	< 2	23	0.03	0.035	24	17	1.84	73	0.01	< 2	2.32	< .01	0.08	1
S-2100 9	< 1	12	12	29	< .1	19	14	200	3.33	2	< 5	24	2	5	< .2	< 2	< 2	38	0.08	0.066	19	21	2.84	94	0.03	2	2.86	0.01	0.07	1
S-2100 10	< 1	23	9	45	< .1	40	26	662	5.71	< 2	< 5	134	3	7	< .2	< 2	< 2	53	0.18	0.097	18	36	3.08	172	0.05	< 2	3.79	0.01	0.08	2
S-2075 11	< 1	13	10	39	< .1	28	27	708	5.17	< 2	< 5	21	2	9	< .2	2	< 2	61	0.24	0.082	18	31	3.98	271	0.03	< 2	3.81	0.01	0.07	2
S-2060 12	2	21	4	39	< .1	22	21	168	5.86	< 2	< 5	227	3	5	< .2	< 2	< 2	53	0.07	0.059	28	19	2.58	130	0.03	< 2	3.03	< .01	0.07	1
S-2025 1	2	16	12	36	0.1	20	15	251	4.03	6	< 5	65	3	6	< .2	< 2	2	32	0.09	0.095	20	26	1.35	305	0.06	< 2	3.33	0.01	0.09	2
S-2010 2	< 1	39	86	32	0.4	25	13	313	3.03	9	9	136	8	5	< .2	2	3	14	0.08	0.067	44	10	0.37	111	0.01	< 2	1.07	< .01	0.09	< 1
S-2000 3	2	10	22	38	0.1	10	7	195	2.46	< 2	< 5	350	6	5	< .2	< 2	< 2	31	0.07	0.045	18	11	0.23	55	0.05	2	1.59	0.01	0.07	1
S-2000 4	3	14	9	23	< .1	12	9	221	3.47	3	6	460	11	3	< .2	2	2	17	0.02	0.05	41	8	0.21	39	0.01	< 2	0.93	< .01	0.06	< 1
S-2000 5	2	36	12	26	0.1	18	18	985	3.85	3	< 5	7	4	6	< .2	< 2	2	25	0.18	0.039	26	27	1.56	487	0.01	< 2	2	< .01	0.09	1
S-2000 6	1	14	11	37	< .1	26	30	1314	6.09	< 2	< 5	20	2	7	< .2	< 2	2	39	0.22	0.163	21	33	3.13	326	0.03	2	3.01	< .01	0.1	2
S-1990 7	1	34	4	27	< .1	21	16	241	4.59	< 2	< 5	147	3	4	< .2	< 2	3	33	0.09	0.054	28	26	1.61	178	0.02	< 2	2.01	< .01	0.08	1
S-2000 8	2	45	16	37	< .1	16	12	552	2.71	4	< 5	24	3	7	0.2	< 2	< 2	19	0.13	0.054	22	32	0.93	734	0.03	2	2	0.01	0.07	2
S-1960 9	< 1	11	8	37	0.1	19	23	156	5.6	< 2	< 5	124	3	5	< .2	3	< 2	57	0.1	0.105	17	25	2.78	99	0.07	< 2	4.83	0.01	0.06	2

ROCK- SAMPLE DESCRIPTIONS

Sample #	Au value(ppb.)	Location	Description
ER-1	10	Sunstar-14	Grab-sample,quartz-carbonate float blotches of specular hematite.
ER-2	<5	"	Grab-sample, float,quart stringers in dark green volcanic rock.
ER-3	140	"	Grab-sample, float, quartz stockwork
ER-4	20	"	Outcrop, grab-sample,white quartz-veining,trace rust.
ER-5	345	"	Grab-sample scree float, rusty quartz-veining
ER-6	150	"	Grab-sample float, 2-stages of quartz-veining, trace Hem. rust.
ER-7	20	"	Outcrop,grab-sample, brown weathered ankerite carbonate.
ER-8	10	"	Outcrop,grab-sample,ankerite carb. with Lim. and quartz-veining.
ER-9	10	"	Near ER-8,grab-sample,more quartz-veining,trace pyrite.
RL1900-68W	72	"	Grab-sample,outcrop,quartz-stockwork.
RL2000-125E	8	"	Grab-sample, quartz-vein.
RL2000-150E	46	"	Grab-sample, quartz-vein.
GR-1	10	Big Chief	Outcrop, grab-sample,1-foot tension gash vein,quartz Limonite.
GR-2	75	"	Grab-sample,upper adit contact zone, quartz-stringers, dis. Py and trace Cpy.

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 results from a soil-sampling program, on geological traverses made by the author during the 1994 field program and on previous reports done on the property.

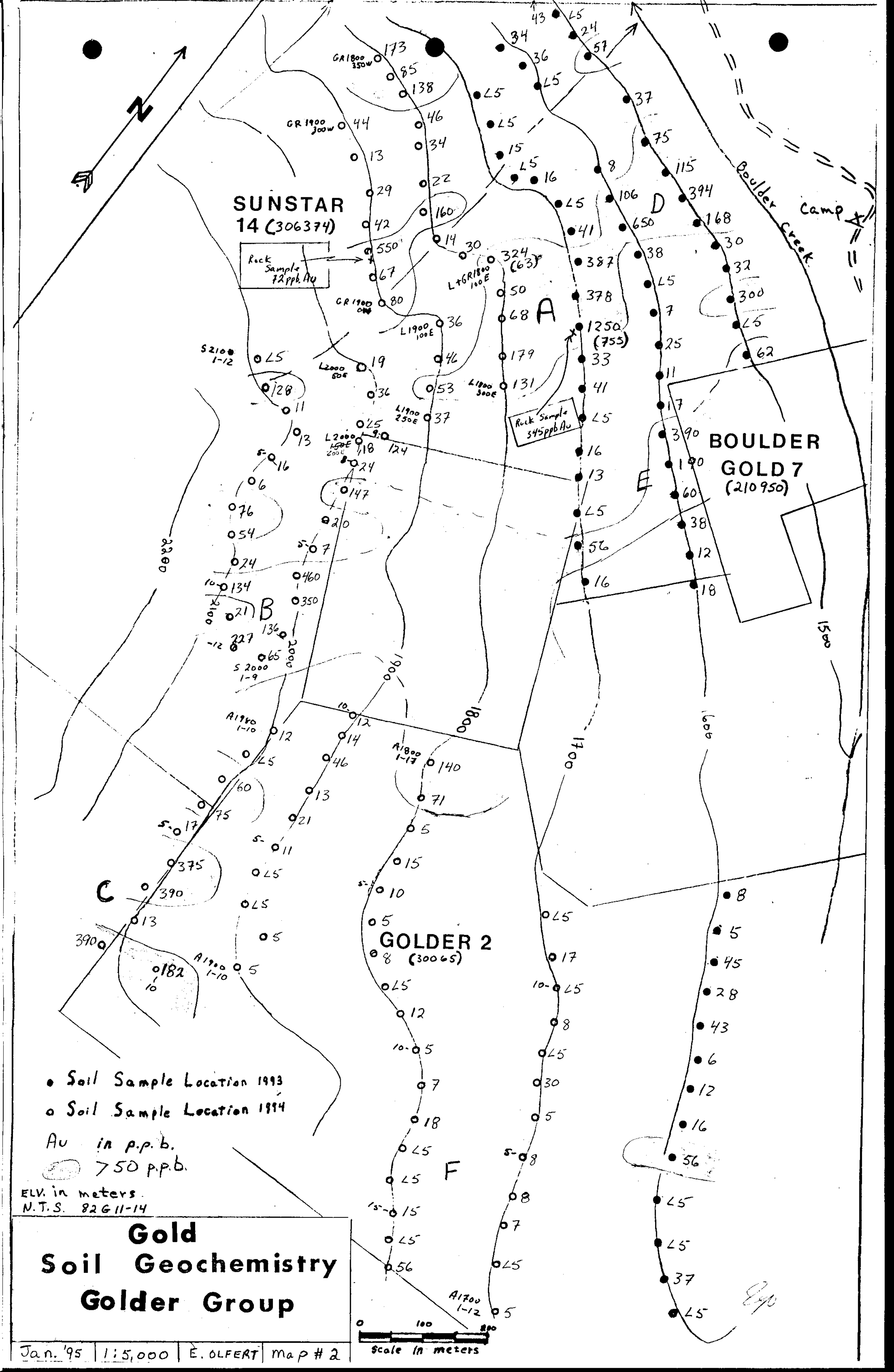
4. I have no interest in the property described in this report and will receive only nominal consulting fees for the preparation of this report.

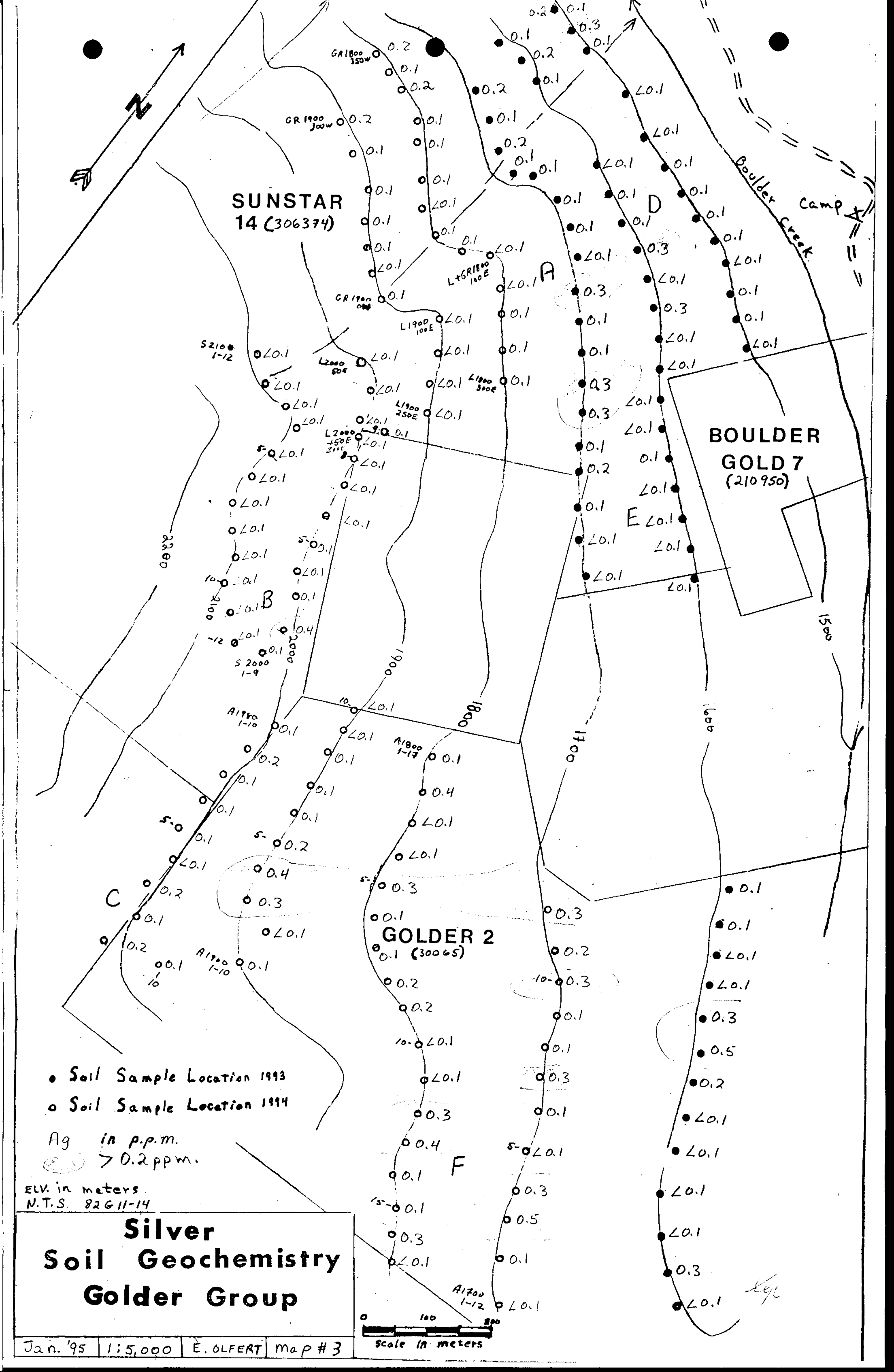
Signed By:

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

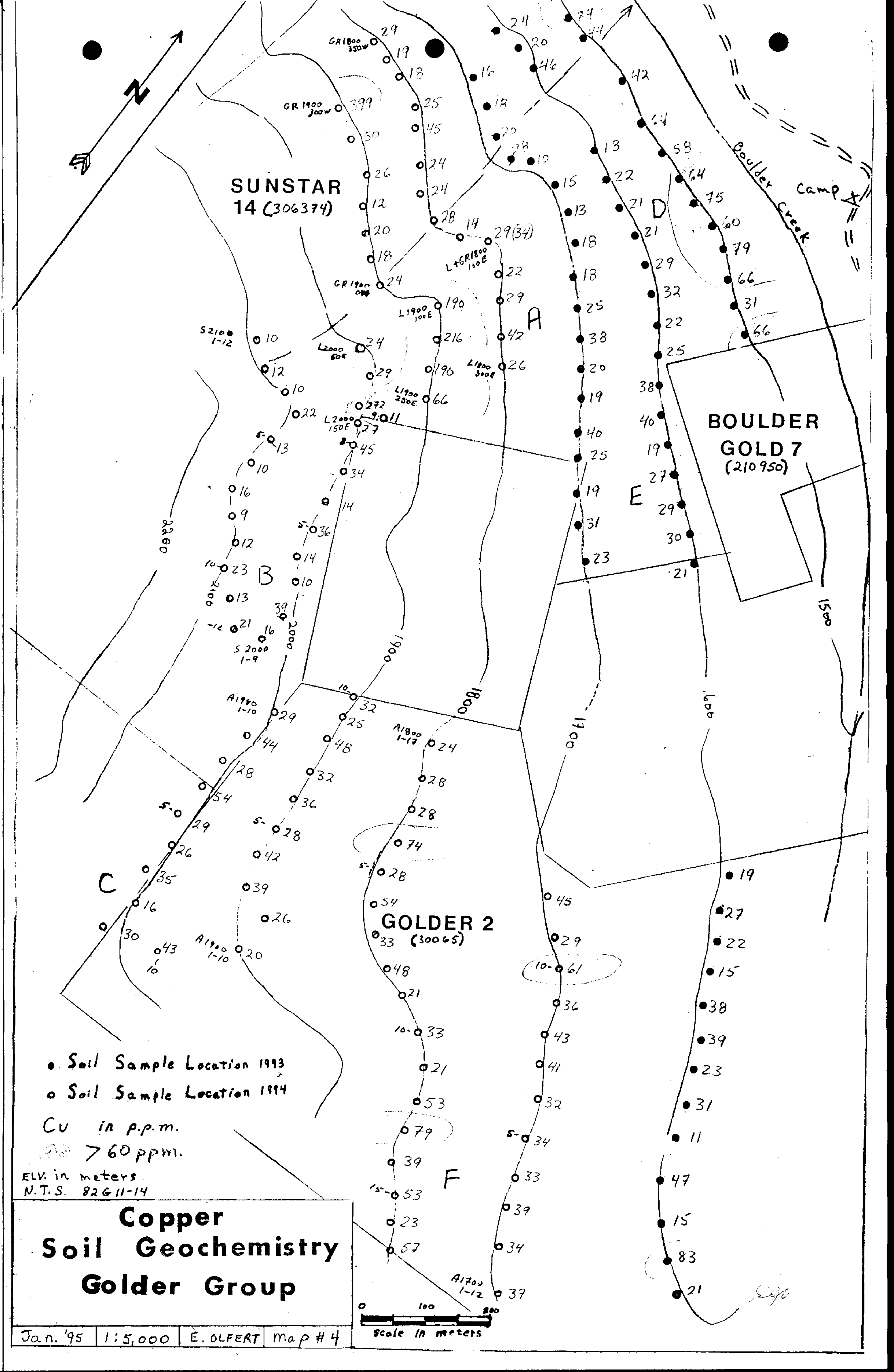
PROFESSIONAL
PROVINCE OF
E. G. OLFERT
BRITISH COLUMBIA
GEOSCIENTIST

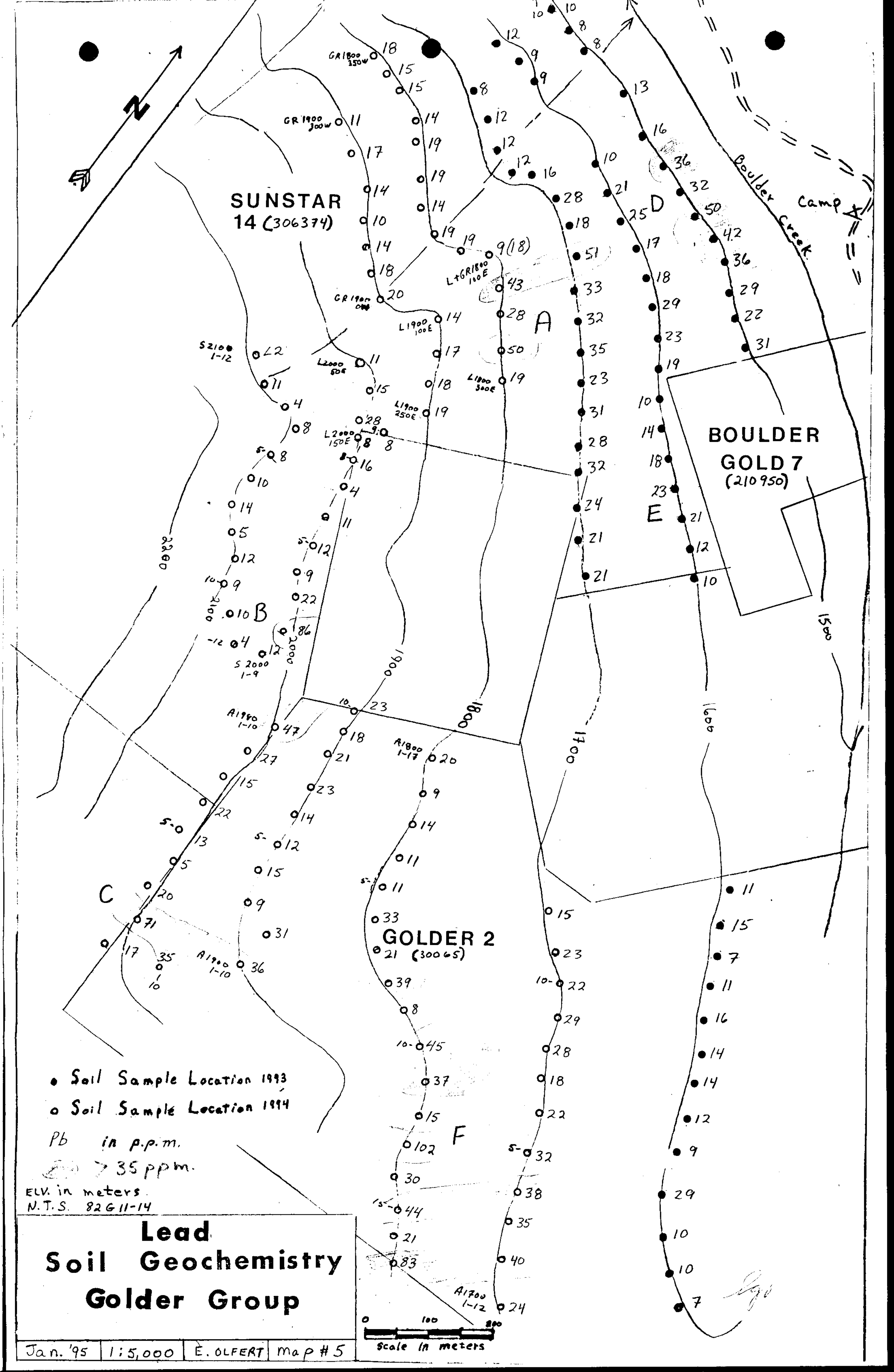
N
SUNSTAR 14 (306374)
BOULDER GOLD 7 (210950)
GOLDER 2 (30065)
? VAN CRK Fm
Seds. green tuff near contact
NICOL CRK. Fm. Volcanics
? SHEPHARD Fm
? CRANBROOK Fm.
Quartzite
Dolomitic siltstones
Greenish shale float and o/c
Quartz stockwork
Quartzite Cliffs
Cliffs
Boulder Creek
Camp
A
B
C
D
E
F
ER-1
ER-2
ER3
ER-4
ER5
ER6
ER7
ER8
ER-9
RS93-20
RS93-19
R1900 68W
G1800 350W
G1900 300W
GR1900
L+GR1800 100E
L1900 100E
L1800 300E
L1900 200E
L2000 50E
RL2000 125E
RL2000 150E
L2000 150E
S2100 1-12
S2000 1-9
A1980 1-10
A1800 1-17
A1900 1-10
A1700 1-12
2000
1900
1800
1700
1600
1500
Sample Results
Au in ppb.
ER-1 : 10
ER-2 : <5
ER-3 : 140
ER-4 : 20
ER-5 : 345
ER-6 : 150
ER-7 : 20
ER-8 : 10
ER-9 : 10
R1900-68W : 72
R2000-125E : 8
R2000-150E : 46
GR-1 : 10 } off the property
GR-2 : 75 }
RS 93-19 : 120
RS 93-20 : 17
LEGION
Cranbrook Fm.
Shephard Fm.
Nicol crk. Fm.
Van Crk. Fm.
Contact Known
Contact inferred
Strike/dip beds
Orientation of Veins
Scale in meters
0
100
200
• Soil Sample Location 1993
o Soil Sample Location 1994
x Rock Sample Location
Q.U. Quartz Veins
A-F Anomalies
ELV. in meters
N.T.S. 82G11-14
Geology and Rock Geochemistry Golder Group
May '95
1:5,000
E. OLFERT
map #1


N
SUNSTAR
14 (306374)
Rock Sample 72 ppb Au
Rock Sample 345 ppb Au
BOULDER
GOLD 7
(210950)
GOLDER 2
(30065)
Boulder Creek
Camp
A
B
C
D
E
F
• Soil Sample Location 1993
o Soil Sample Location 1994
Au in p.p.b.
750 p.p.b.
ELV. in meters
N.T.S. 82G11-14
Gold
Soil Geochemistry
Golder Group
Jan. '95
1:5,000
E. OLFERT
Map # 2
0
100
200
Scale in meters

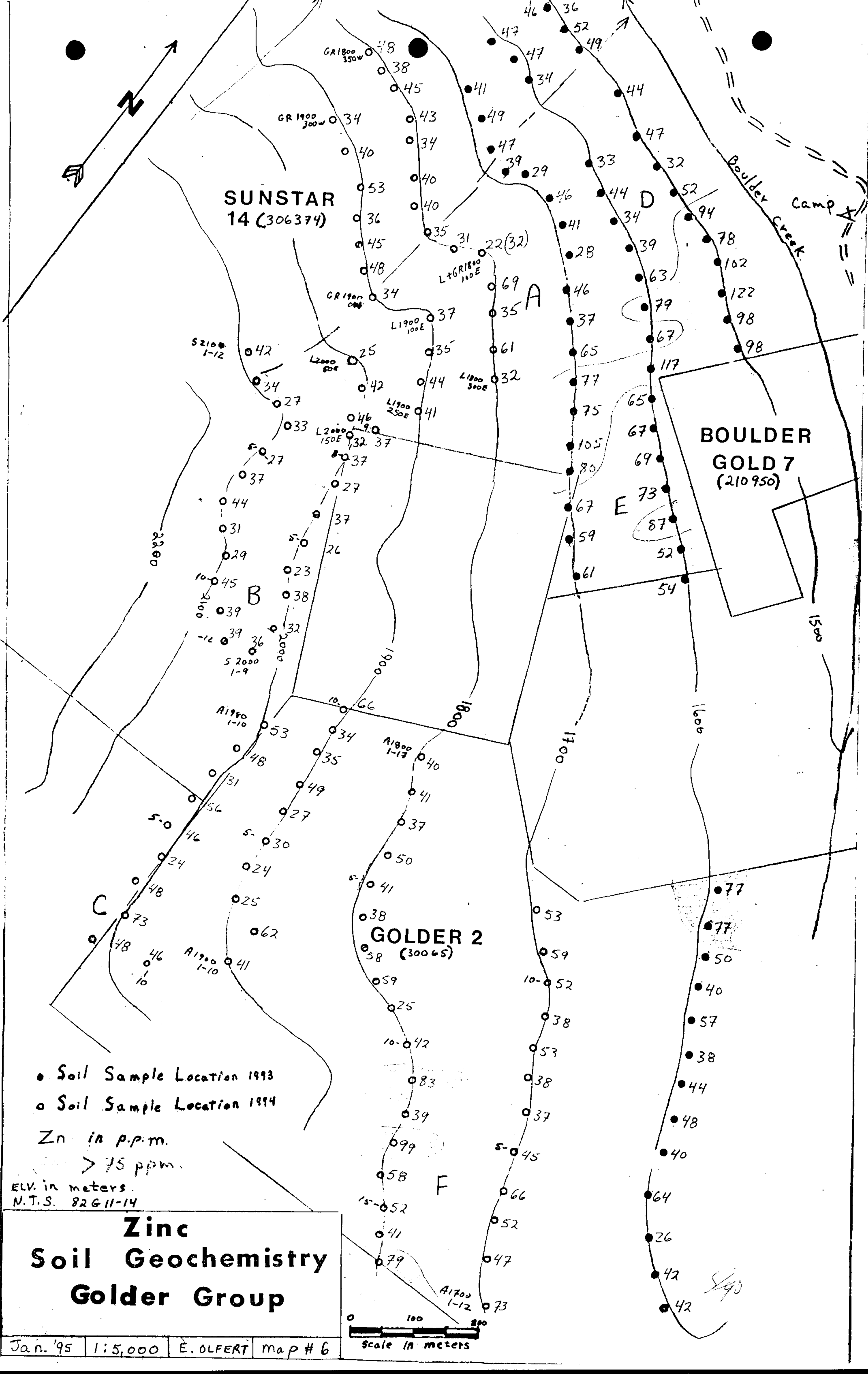


N
SUNSTAR
14 (306374)
BOULDER
GOLD 7
(210950)
GOLDER 2
(30065)
Boulder Creek
Camp
A
B
C
D
E
F
2200
2100
2000
1900
1800
1700
1600
1500
GR1800 350W
GR1900 300W
GR1900 0W
L+GR1800 100E
L1900 100E
L2000 50E
L1800 300E
L1900 250E
L2000 +50E
S2100 1-12
S2000 1-9
A1950 1-10
A1800 1-17
A1900 1-10
A1700 1-12
• Soil Sample Location 1993
o Soil Sample Location 1994
Ag in p.p.m.
> 0.2ppm.
ELV. in meters
N.T.S. 82G11-14
Silver
Soil Geochemistry
Golder Group
Jan. '95
1:5,000
E. OLFERT
Map #3
0
100
200
Scale in meters

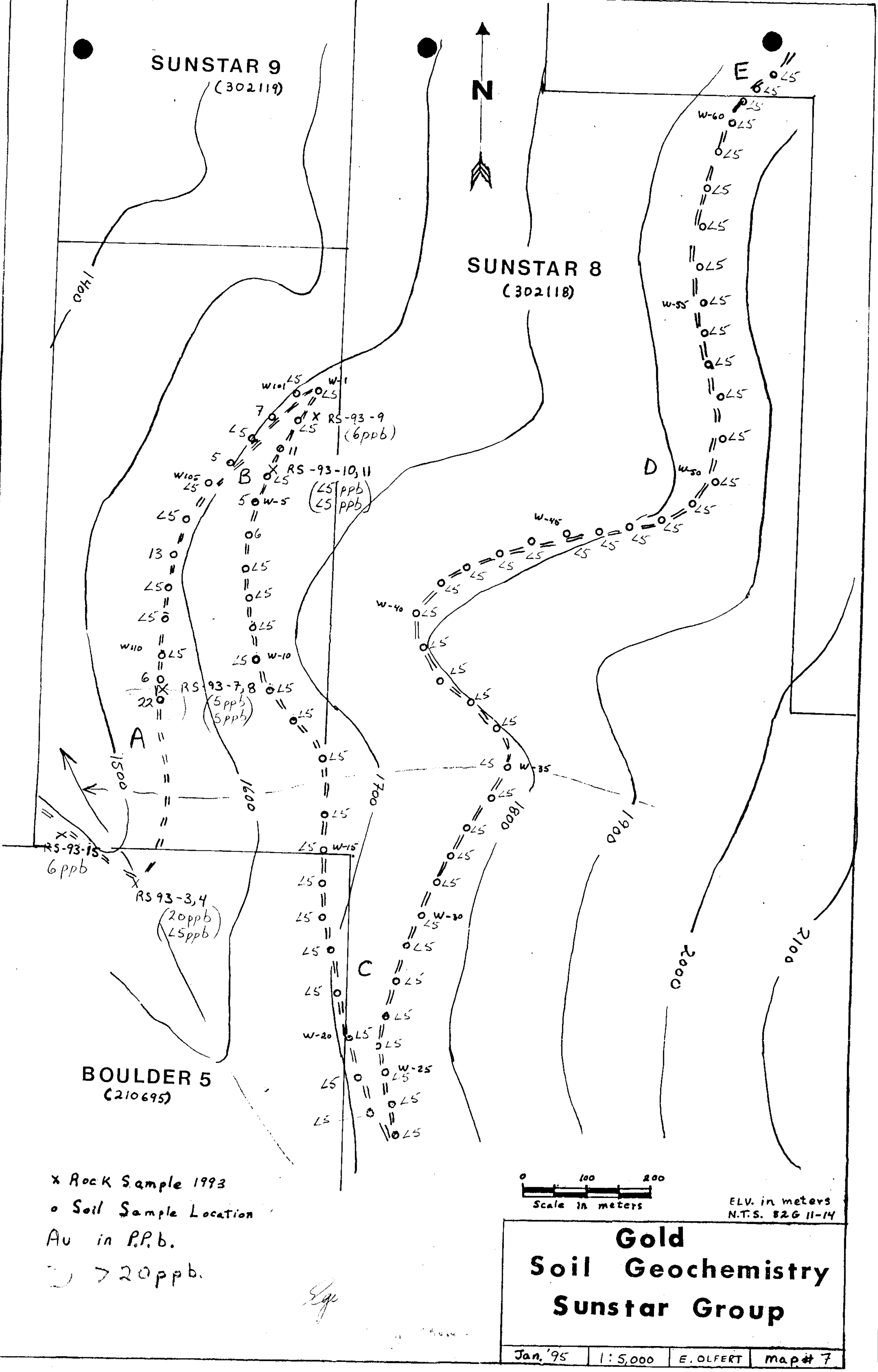

N
SUNSTAR
14 (306374)
BOULDER
GOLD 7
(210950)
GOLDER 2
(30065)
Boulder Creek
Camp
A
B
C
D
E
F
2200
2100
2000
1900
1800
1700
1600
1500
• Soil Sample Location 1993
○ Soil Sample Location 1994
Cu in p.p.m.
> 60 ppm.
ELV. in meters
N.T.S. 82G11-14
Copper
Soil Geochemistry
Golder Group
Jan. '95
1:5,000
E. OLFERT
Map # 4
0
100
200
Scale in meters



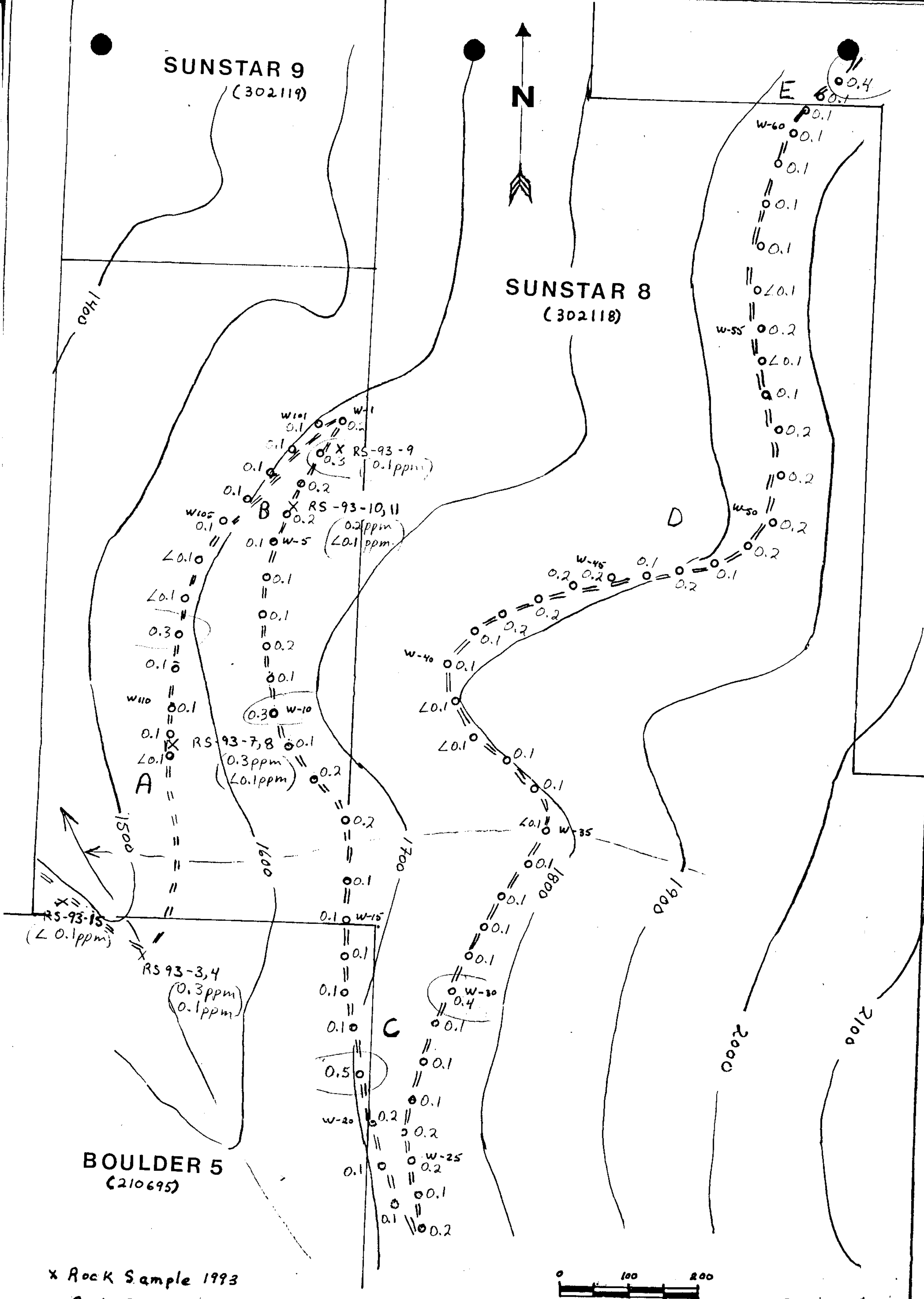
N
SUNSTAR 14 (306374)
BOULDER GOLD 7 (210950)
GOLDER 2 (30065)
Boulder Creek
Camp
A
B
C
D
E
F
1500
1600
1700
1800
1900
2000
2200
• Soil Sample Location 1993
o Soil Sample Location 1994
Pb in p.p.m.
> 35 ppm.
ELV. in meters
N.T.S. 82 G 11-14
Lead
Soil Geochemistry
Golder Group
Jan. '95
1:5,000
E. OLFERT
Map # 5
0 100 200
Scale in meters



N
SUNSTAR
14 (306374)
BOULDER
GOLD 7
(210950)
GOLDER 2
(30065)
Boulder Creek
Camp
A
B
C
D
E
F
2200
2000
1900
1800
1700
1600
1500
• Soil Sample Location 1993
o Soil Sample Location 1994
Zn in p.p.m.
> 75 ppm.
ELV. in meters.
N.T.S. 82G11-14
Zinc
Soil Geochemistry
Golder Group
Jan. '95
1:5,000
E. OLFERT
map # 6
0
100
200
Scale in meters



SUNSTAR 9
(302119)
SUNSTAR 8
(302118)
BOULDER 5
(210695)
N
A
B
C
D
E
RS-93-9
(6ppb)
RS-93-10,11
(<5 ppb
<5 ppb)
RS-93-7,8
(5ppb
5ppb)
RS-93-15
6ppb
RS 93-3,4
(20ppb
<5ppb)
W-1
W-5
W-10
W-15
W-20
W-25
W-30
W-35
W-40
W-45
W-50
W-55
W-60
W101
W105
W110
1400
1500
1600
1700
1800
1900
2000
2100
× Rock Sample 1993
○ Soil Sample Location
Au in P.P.b.
> 20ppb
0 100 200
Scale in meters
ELV. in meters
N.T.S. 82G 11-14
Gold
Soil Geochemistry
Sunstar Group
Jan. '95
1:5,000
E. OLFERT
map # 7



× Rock Sample 1993

o Soil Sample Location

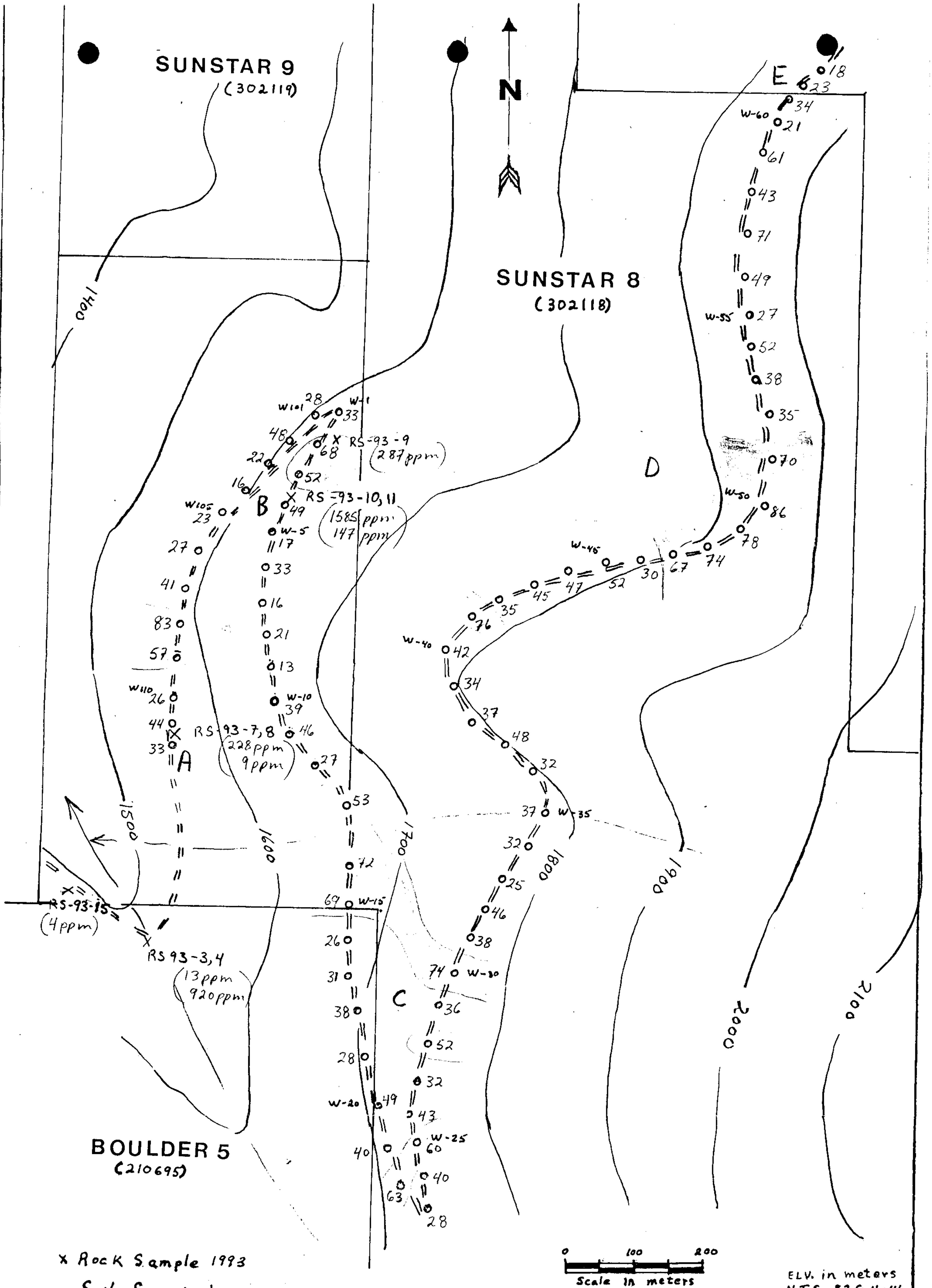
Ag in P.P.m.

> 0.2 p.p.m.

ELV. in meters
N.T.S. 82G 11-14

Silver
Soil Geochemistry
Sunstar Group

Jan. '95	1:5,000	E. OLFERT	map # 8



× Rock Sample 1993

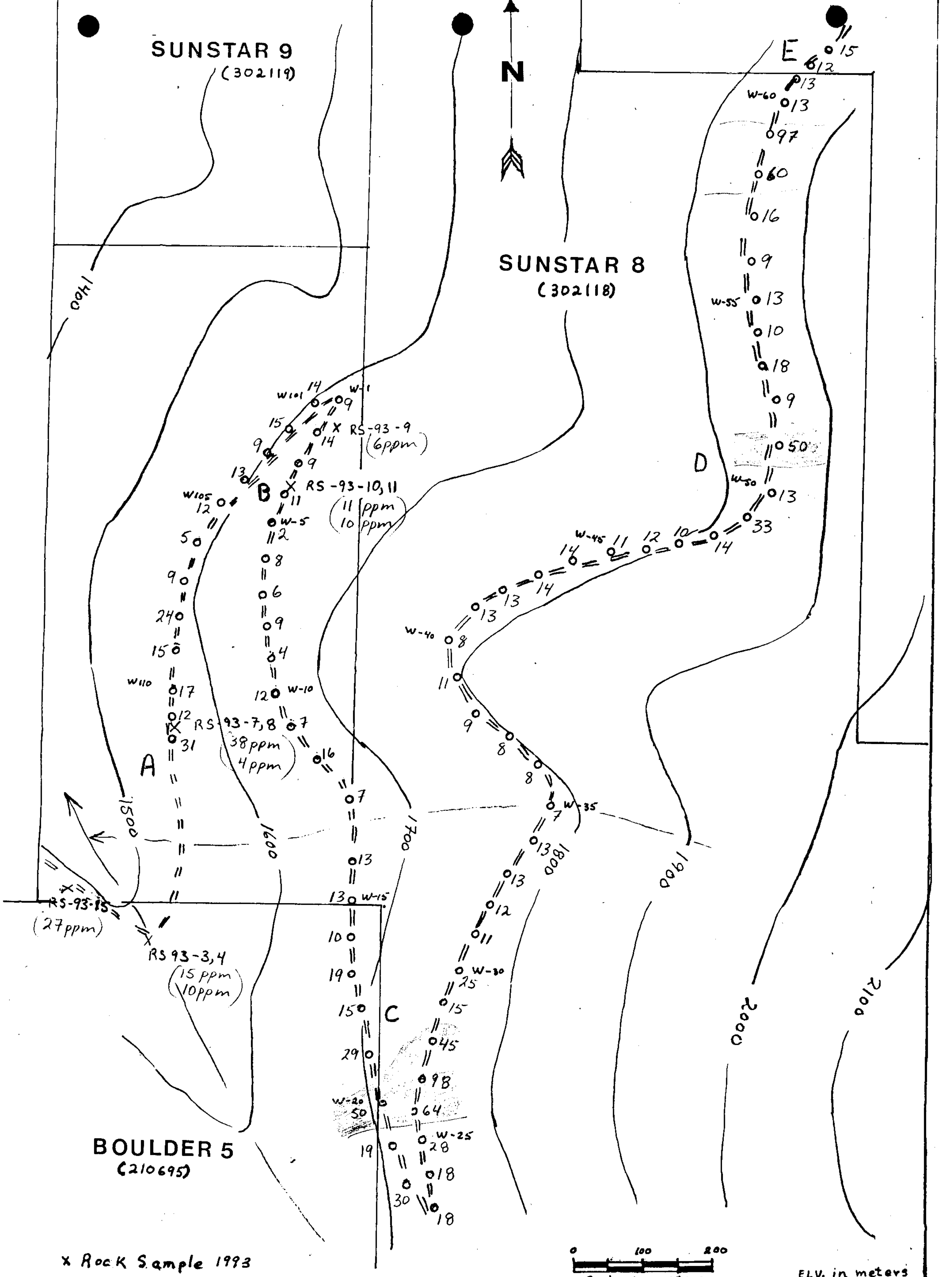
o Soil Sample Location

Cu in P.P.M.

> 50 p.p.m.

Copper Soil Geochemistry Sunstar Group

Jan. '95	1 : 5,000	E. OLFERT	map # 9



× Rock Sample 1993

o Soil Sample Location

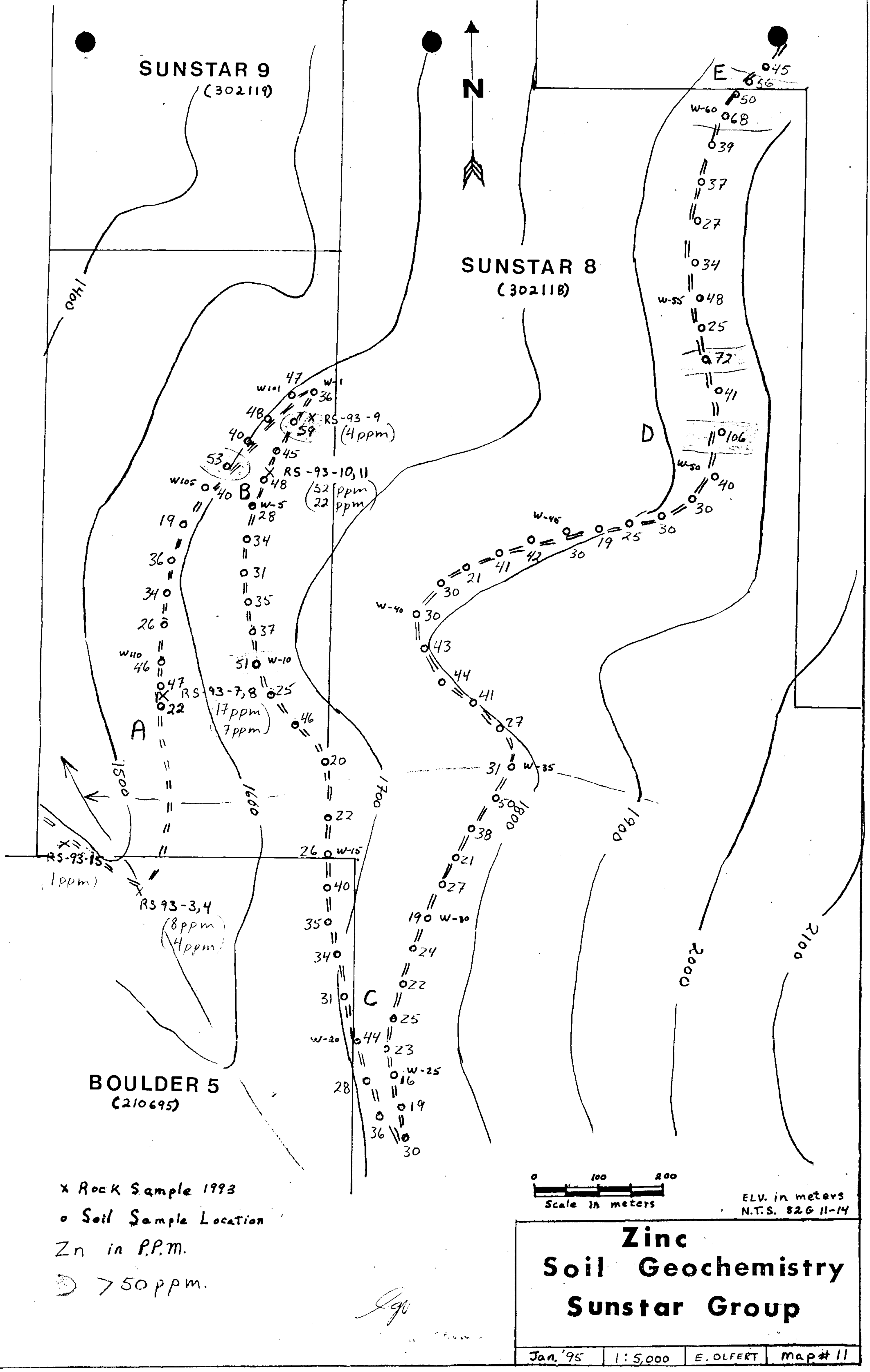
Pb in P.P.m.

> 35ppm.

ELV. in meters
N.T.S. 82G 11-14

Lead
Soil Geochemistry
Sunstar Group

Jan. '95	1:5,000	E. OLFERT	map #10


SUNSTAR 9
(302119)
N
SUNSTAR 8
(302118)
BOULDER 5
(210695)
A
B
C
D
E
RS-93-9
(4ppm)
RS-93-10,11
(52 ppm
22 ppm)
RS 93-7,8
(17ppm
7ppm)
RS-93-15
(1ppm)
RS 93-3,4
(8ppm
4ppm)
1400
1500
1600
1700
1800
1900
2000
2100
x Rock Sample 1993
o Soil Sample Location
Zn in P.P.M.
>50ppm.
0 100 200
Scale in meters
ELV. in meters
N.T.S. 82G 11-14
Zinc
Soil Geochemistry
Sunstar Group
Jan. '95
1:5,000
E. OLFERT
map # 11