

LOG NO:	JUL 19 1993
ACTION:	
FILE NO:	

ASSESSMENT REPORT

on

CONTOUR SOIL GEOCHEMISTRY

SUN CLAIMS

Sundown Creek, Moyie River Area

FORT STEELE MINING DIVISION

NTS 82 G/4 W

Latitude 49 13' N
Longitude 115 52' W

Owner: Glen H. Rodgers
Operator: Cominco Ltd.

by

PETER KLEWCHUK
GEOLOGIST

July 8, 1993

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

22,942

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1.00 INTRODUCTION

1.10 Location and Access

The Sun claims are located 30 kilometers due south of Cranbrook, B.C. and 5 kilometers south of Moyie Lake, in the Fort Steele Mining Division, centered approximately at Latitude 49 13' N, Longitude 115 52' W, reference map NTS 82 G/4 W (Figures 1 & 2).

Good access by road exists from Highway 3/95 along the Sundown Creek logging road and a new logging road which crosses the lower portions of Sundown and Stone Creeks; both roads cross parts of the claim block. Elevation on the property ranges from 900 to 1500 meters with annual precipitation of about 30 cm.

1.20 Property

The Sun property consists of 32 two-post claims, Sun 1 to 32, staked in April and May of 1991 and registered to G.M. Rodgers of Skookumchuck, B.C. The claim location and configuration is shown in Figures 2 and 3 and Appendix 1 is a reference list of the claims.

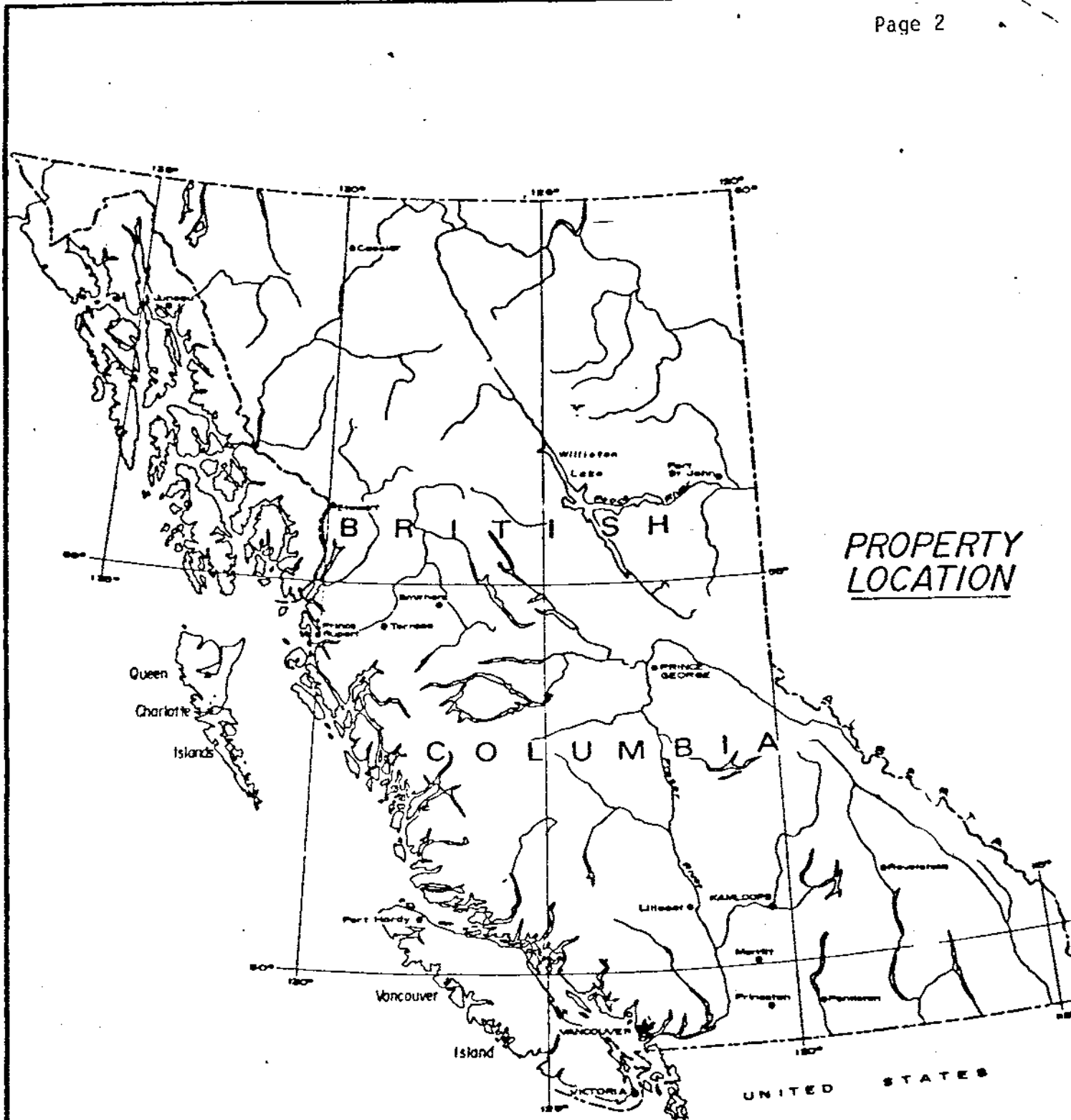
1.30 Previous Work

Limited mineral exploration has occurred in the area of the Sun Claims. An occurrence of stratabound lead-zinc mineralization on the property has been staked in the past but only minimal work, such as hand trenching, was completed. In 1992 a VLF-EM and Magnetic survey was completed over parts of the claim block with inconclusive results.

Cominco Ltd. holds the Ald claims to the northeast. Available assessment reports show geochemical analyses of rock chips from a deep petroleum exploration-related drill hole. Extensive anomalous lead, zinc and copper values were reported but the source of the mineralization was not determined.

Minnova holds the Stone claims to the southwest of the Sun claims. Two drill holes totalling 519.4 meters were completed in 1989 on targets defined by earlier geophysical (CSAMT and Gravity) surveys. One of the holes encountered strong concentrations of bedded iron sulfides.

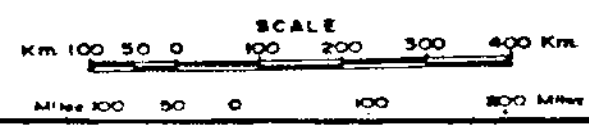
A small previously operated gold deposit, the Midway Mine, occurs less than 500 meters north of the Sun claims. Gold mineralization occurs in a northerly-striking quartz vein which cross-cuts Middle Aldridge stratigraphy.



PROPERTY LOCATION

Figure 1
SUN CLAIMS

LOCATION MAP



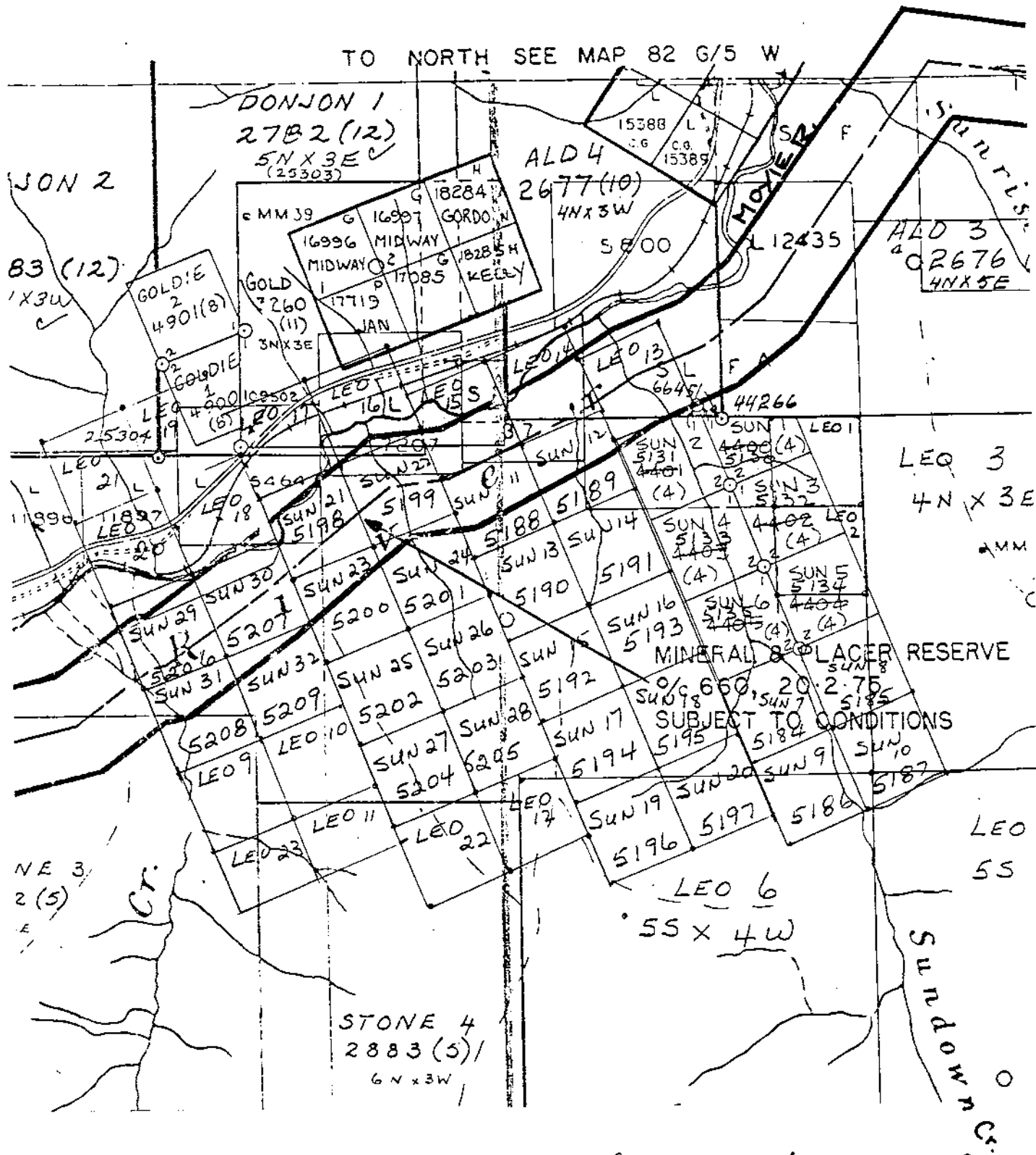


Figure 2. Sun Property Claim Map NTS 82 G/4 W

1.40 Purpose of Survey

During the summer of 1992 Cominco Ltd. ran a series of contour geochemistry lines to identify possible extensions of the small known base metal occurrences on the property.

2.00 GEOLOGY

2.10 Regional Geology

The Sun claims lie within the central portion of the Purcell Anticlinorium which is comprised of up to 11 kilometers of mostly fine-grained clastic and carbonate rocks. The oldest rocks of this Helikian age sequence are the deep water environment Aldridge Formation siltstones and quartzites. This formation is host to the world-class Sullivan orebody at Kimberley, B.C., approximately 50 kilometers north of the Sun claims. The Sullivan orebody originally contained about 160 million tons of 12% lead and zinc with significant silver and would be worth approximately 22 billion dollars at today's metal prices.

The Aldridge Formation is intruded by numerous gabbroic and dioritic composition sills and dikes. These are found in the vicinity of the Sullivan deposit and on the Sun claims.

The Aldridge Formation is overlain by shallower water quartzites, siltstones and silty carbonates of the Creston and Kitchener Formations. These units are not present in the immediate area of the Sun claims.

The Purcell Anticlinorium is cut by a number of late, regional northeast-trending faults which are believed to have been active during deposition of Purcell strata and thus may have influenced the deposition of Sullivan-type base metals as they were vented to the sea floor.

The Sun claims straddle the axis of the Moyie Anticline, a local feature of the Purcell Anticlinorium which extends southward into the U.S.A. In the vicinity of the Sun claims a northeast-oriented fault occurs along the axis of the anticline (Figure 3). A series of base metal, gold and tourmalinite occurrences along this structure suggest it was a controlling influence on mineralizing processes.

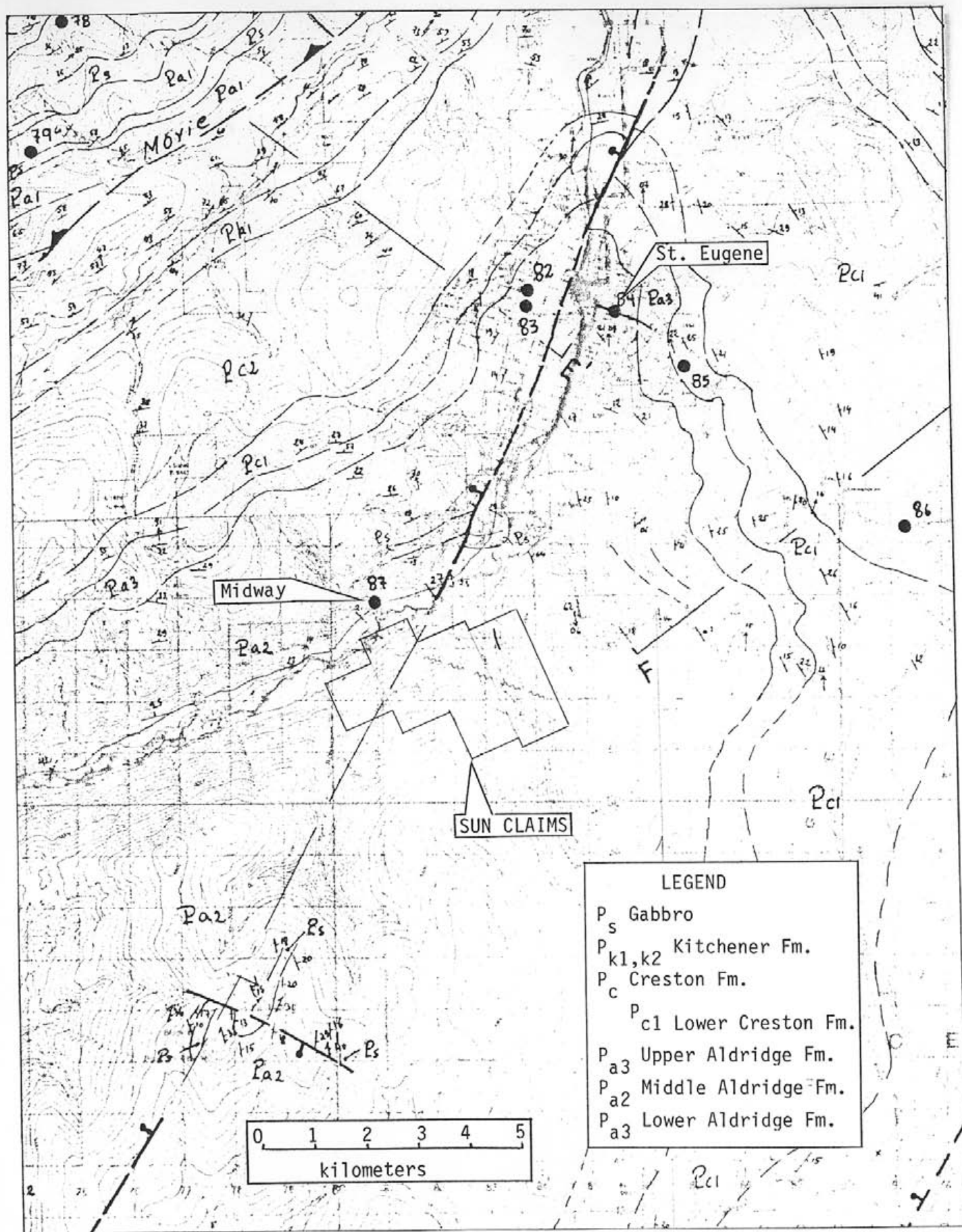


Figure 3. Sun Property Geology Map. Revised from B.C. MEMPR Open File Map No. 1988-14 by Hoy and Carter. Scale 1:100,000

2.20 Property Geology

The Sun claims are underlain by rocks of the Aldridge Formation, the same formation that hosts the world-class Sullivan orebody at Kimberley, 50 kilometers to the north. Regional mapping has defined a NNE-oriented anticline with gently dipping limbs. The Sun claims straddle the axis of this Moyie Anticline and bedrock on the property is of gently dipping Middle Aldridge siltstones and quartzites (Figure 3). These Aldridge rocks are intruded by gabbroic and dioritic composition sills and dikes of the Moyie Intrusions.

Disseminated lead and zinc mineralization within a quartzite bed on the property may be distal mineralization associated with a Sullivan style mineralizing process. The presence of stratabound mineralization and strong northeast structures provide opportunity for both stratabound and vein type economic base metal mineralization on the property.

3.00 CONTOUR SOIL GEOCHEMISTRY

3.10 Introduction

On the Sun claims in 1992, approximately 7.1 kilometers of contour soil geochemistry lines were run with samples taken every 25 meters for a total of 190 samples (Figs. 4 and 5). Samples were taken from B horizon soils, at typical depths of 15 to 20 cm. Soils were collected in Kraft paper bags and sent to Cominco's laboratory in Vancouver for analysis. Samples were analyzed for an eight element ICP package (Cu, Pb, Zn, Ag, As, Co, Ni and Mn) after being digested in a 20% HNO₃ acid. Results for lead and zinc are plotted on Figures 4 and 5 with complete geochemical results given in Appendix 2.

3.20 Discussion of Results

Typical threshold values for Aldridge Formation soils are generally considered to be about 25 ppm for lead and 150 ppm for zinc. On this basis, no anomalous values were detected for lead and three areas were identified with anomalous concentrations of zinc. Zinc values range up to 691 ppm.

In all three cases of anomalous zinc values, uphill cut-offs have not been determined and additional follow-up soil geochemistry should be done to delineate the anomalies.

6.00 AUTHOR'S QUALIFICATIONS

As author of this report I, Peter Klewchuk, certify that:

1. I am an independent consulting geologist with offices at 246 Moyie Street, Kimberley, British Columbia.
2. I am a graduate geologist with a BSc degree (1969) from the University of British Columbia and an MSc degree (1972) from the University of Calgary.
3. I am a Fellow in good standing of the Geological Association of Canada.
4. I have been actively involved in mining and exploration geology, primarily in the province of British Columbia, for the past 19 years.
5. I have been employed by major mining companies and provincial government geological departments.

Dated at Kimberley, British Columbia, this 8th day of July, 1993.

Peter Klewchuk

APPENDIX 1. List of Claims

Claim	Record Number	Record Date
Sun 1	5130	April 22, 1991
2	5131	"
3	5132	"
4	5133	"
5	5134	"
6	5135	"
7	5184	May 5, 1991
8	5185	"
9	5186	"
10	5187	"
11	5188	"
12	5189	"
13	5190	"
14	5191	"
15	5192	"
16	5193	"
17	5194	"
18	5195	"
19	5196	"
20	5197	"
21	5198	"
22	5199	"
23	5200	"
24	5201	"
25	5202	"
26	5203	"
27	5204	"
28	5205	"
29	5206	"
30	5207	"
31	5208	"
32	5209	"

SITUATED IN THE FORT STEELE MINING DIVISION OF THE PROVINCE OF
BRITISH COLUMBIA, NTS 82 G/4 W

LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	D Hm F										Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Co ppm	Ni ppm	Mn ppm
					1	2	3	COL	SZ	OR	W	EN	S	H								
S9209031	GB-100		+1010	+0	1	4		1B	34	1	1	20	3	B	23	7	52	6.4	4	8	11	193
S9209032	GB-101		+1020	+50	1	5		2B	24	1	1	20	3	B	7	6	50	6.4	2	4	7	170
S9209033	GB-102		+1020	+100	1	4		YB	34	1	1	20	3	B	11	7	45	6.4	2	5	5	171
S9209034	GB-103		+1020	+150	1	4		YB	24	1	1	15	3	B	10	6	32	6.4	3	4	7	154
S9209035	GB-104		+1020	+200	1	4		RB	34	1	1	15	2	B	12	5	58	6.4	4	6	17	282
S9209036	GB-105		+1020	+250	1	4		RB	34	1	1	15	2	B	14	5	54	6.4	4	6	11	185
S9209037	GB-106		+1020	+300	1	4		RB	34	1	1	20	2	B	8	4	55	6.4	7	5	12	548
S9209099	KT-104	CSL1010		50	1	4		1B	24	1	1	25	3	B	14	6	51	6.4	2	5	9	191
S9209100	KT-107	CSL1010		-100	1	4		YB	24	1	1	20	3	B	12	8	37	6.7	2	5	7	132
S9209101	KT-108	CSL1010		-150	1	4		YB	35	1	1	15	3	B	17	7	42	6.4	2	6	7	242
S9209102	KT-109	CSL1010		-200	1	4		YB	24	1	1	20	3	B	14	6	42	6.5	2	5	9	143
S9209103	KT-110	CSL1010		-250	1	5		YB	24	1	1	15	3	B	16	5	42	6.4	2	6	7	183
S9209104	KT-111	CSL1010		-300	1	4		YB	24	1	1	20	3	B	17	8	37	6.4	4	5	8	143
S9209105	KT-112	CSL1010		-350	1	4		YB	24	1	1	15	3	B	9	4	45	6.4	2	5	10	268
S9209106	KT-113	CSL1010		-400	1	4		1B	24	1	1	25	3	B	12	5	40	6.4	2	4	7	185
S9209107	KT-114	CSL1020		-450	1	4		YB	24	1	1	20	3	B	11	6	43	6.7	2	4	6	162
S9209108	KT-115	CSL1020		-500	1	4		YB	34	1	1	15	3	B	13	4	46	6.4	7	5	8	251
S9209109	KT-116	CSL1020		-550	1	4		YB	34	1	1	20	3	B	20	4	72	6.4	4	6	14	270
S9209110	KT-117	CSL1030		-600	1	4		YB	24	1	1	20	3	B	20	5	54	6.4	2	7	14	153
S9209111	KT-118	CSL1030		-650	1	4		YB	24	1	1	25	3	B	11	5	89	6.4	2	6	12	323
S9209112	KT-119	CSL1030		-700	1	4		YB	34	1	1	15	3	B	9	6	65	6.4	2	5	11	378
S9209113	KT-120	CSL1030		-750	1	4		YB	24	1	1	10	3	B	6	6	84	6.6	2	2	5	774
S9209114	KT-121	CSL1030		-800	1	4		YB	24	1	1	15	3	B	19	13	43	6.4	2	9	16	351
S9209115	KT-122	CSL1030		-850	1	4		YB	24	1	1	15	3	B	21	10	46	6.4	2	10	15	139
S9209116	KT-123	CSL1030		-900	1	4		YB	4	1	1	10	3	B	20	11	97	6.4	2	8	13	176
S9209117	KT-124	CSL1040		-950	1	4		YB	24	1	1	10	3	B	32	12	85	6.4	5	10	22	136
S9209118	KT-125	CSL1050		-1000	1	4		YB	24	1	1	10	3	B	17	13	68	6.4	3	8	14	192
S9209119	KT-126	CSL1050		-1050	1	4		YB	24	1	1	15	3	B	19	5	62	6.4	2	9	13	229
S9209120	KT-127	CSL1050		-1100	1	4		YB	24	1	1	10	3	B	13	9	43	6.4	6	6	13	419
S9209121	KT-128	CSL1050		-1150	1	4		YB	24	1	1	10	3	B	15	7	43	6.4	3	5	8	137
S9209122	KT-129	CSL1060		-1200	1	4		YB	4	1	1	10	3	B	30	8	41	6.6	3	7	11	280
S9209123	KT-130	CSL1060		-1260	1										15	8	39	6.4	5	5	7	154
S9209124	KT-131	CSL1080		-1300	1	4		YB	4	1	1	10	3	B	18	6	42	6.4	2	6	8	171
S9209125	KT-132	CSL1080		-1350	1										10	7	39	6.4	3	5	7	159
S9209126	KT-133	CSL1080		-1400	1										32	7	64	6.4	2	9	18	209

ALDRIDGE - WD

1.54 (3) = 1.37

U 92-028

SUN/CHERRY

REPORT DATE 30 JUN 1

LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	#	M	D	S	COL	SZ	OR	H	CM	S	H	P	PH	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Co PPM	Ni PPM	Mn PPM
S9209038	GB-107		+0	CSL1200	1	4			YB	24	1	1	15	2	B			9	5	85	(.4	4	8	36	308
S9209039	GB-108		+50	CSL1200	1	4			RB	4	1	1	15	2	B			33	20	100	(.4	3	10	42	324
S9209040	GB-109		+100	CSL1200	1	4			YB	4	1	1	10	2	B			6	4	89	(.4	4	4	13	613
S9209041	GB-110		+150	CSL1200	1	4			YB	24	1	1	10	2	B			2	4	42	(.4	(2	3	9	110
S9209042	GB-111		+200	CSL1200	1	4			YB	24	1	1	10	2	B			8	4	65	(.4	(2	5	18	380
S9209043	GB-112		+250	CSL1200	1	4			YB	4	1	1	15	2	B			4	4	60	(.4	(2	4	10	229
S9209044	GB-113		+300	CSL1200	1	4			YB	4	1	1	10	2	B			3	6	44	(.4	(2	2	8	93
S9209045	GB-114		+350	CSL1200	1	4			YB	45	1	1	15	2	B			9	7	48	(.4	(2	5	10	220
S9209046	GB-115		+400	CSL1200	1	4			YB	4	1	2	15	2	B			7	5	50	(.4	(2	5	10	166
S9209047	GB-116		+450	CSL1200	1	4	2		YB	4	1	1	15	2	B			6	7	89	(.4	2	6	11	335
S9209048	GB-117		+500	CSL1200	1	4			YB	4	1	1	15	2	B			7	6	128	(.4	2	7	17	849
S9209049	GB-118		+550	CSL1200	1	4			ZB	34	1	1	20	2	B			9	7	31	(.4	2	4	14	168
S9209050	GB-119		+600	CSL1200	1	4			ZB	34	1	1	15	2	B			3	6	109	(.4	2	6	12	555
S9209051	GB-120		+650	CSL1200	1	4			YB	34	1	1	15	2	B			8	5	27	(.4	(2	4	5	116
S9209052	GB-121		+700	CSL1200	1	4			YB	34	1	1	15	2	B			8	5	25	(.4	(2	3	5	80
S9209053	GB-122		+750	CSL1200	1	4			YB	34	1	1	15	3	B			9	6	35	(.4	(2	5	13	74
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S9209056	GB-125		+900	CSL1200	1	4			ZB	14	1	1	15	3	B			12	10	90	(.4	5	6	17	607
S9209057	GB-126		+950	CSL1200	1	4			YB	24	1	1	15	3	B			12	17	95	(.4	5	11	18	653
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S9209059	GB-128		+1050	CSL1200	1	4			YB	4	1	1	10	3	B			15	5	155	(.4	8	10	25	359
S9209060	GB-129		+1100	CSL1200	1	4			YB	4	1	1	10	3	B			5	9	101	(.4	3	6	15	1870
S9209061	GB-130		+1150	CSL1200	1	4			YB	4	1	1	10	3	B			6	4	89	(.4	5	5	17	921
S9209062	GB-131		+1200	CSL1200	1	4			YB	4	1	1	10	3	B			6	6	159	(.4	2	5	30	581
S9209063	GB-132		+1250	CSL1200	1	4			YB	4	1	1	12	3	B			7	(4	216	(.4	2	5	32	1235
S9209064	GB-133		+1300	CSL1200	1	4			YB	4	1	1	12	3	B			18	16	147	(.4	5	9	35	949
S9209065	GB-134		+1350	CSL1200	1	4			YB	4	1	1	12	2	B			11	4	139	(.4	5	9	34	1148
S9209066	GB-135		+1400	CSL1200	1	4			YB	4	1	1	15	2	B			14	14	259	(.4	(2	27	61	1657
S9209067	GB-136		+1450	CSL1200	1	4			YB	4	1	1	15	3	B			9	14	312	(.4	4	9	29	528
S9209068	GB-137		+1500	CSL1200	1	4			YB	4	1	1	10	2	B			15	9	146	(.4	7	6	35	392
S9209069	GB-138		+1550	CSL1200	1	4			RB	34	1	1	15	3	B			13	7	75	(.4	6	7	14	370
S9209070	GB-139		+1600	CSL1200	1	4			YR	34	1	1	20	2	B			11	9	114	(.4	5	6	14	466
S9209071	GB-140		+1650	CSL1200	1	4			YB	34	1	1	15	3	B			23	5	96	(.4	(2	11	21	575
S9209072	GB-141		+1700	CSL1200	1	4			YB	34	1	1	15	2	B			17	7	88	(.4	3	9	18	302
S9209073	GB-142		+1750	CSL1200	1	4			RB	24	1	1	15	2	B			22	9	78	(.4	6	11	20	414
S9209074	GB-143		+1800	CSL1200	1	4			YB	34	1	1	15	2	B			10	6	110	(.4	4	9	24	596
S9209075	GB-144		+1850	CSL1200	1	4			YB	34	1	1	15	2	B			11	(4	64	(.4	2	5	17	530

ID NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	Easting										C ₁ PPM	C ₂ PPM	C ₃ PPM	A ₁ PPM	A ₂ PPM	C ₄ PPM	V ₁ PPM	M ₁ PPM
					4	5	6	7	8	9	0	1	2	3								
59209131	NF-28		CSL	+0	1	4	YB	4	1	1	25	3	B	5	5	59	(.4	2	4	9	124	
59209132	NF-30		CSL	+50	1	4	YB	4	1	1	25	2	B	7	(4	102	(.4	4	6	14	544	
59209133	NF-31		CSL	+100	1	4	YB	4	1	1	25	2	B	9	3	72	(.4	4	5	14	140	
59209134	NF-32		CSL	+150	1	4	YB	4	1	1	18	3	B	5	4	132	(.4	2	4	17	541	
59209135	NF-33		CSL	+200	1	3	YB	41	2	1	25	3	C	15	8	132	(.4	(2	8	18	1355	
59209136	NF-34		CSL	+250	1	4	YB	4	1	1	30	3	C	14	7	130	(.4	4	9	31	375	
59209137	NF-35		CSL	+300	1	4	YB	4	1	1	20	3	C	11	9	128	(.4	3	7	28	726	
59209138	NF-36		CSL	+350	1	4	YB	4	1	1	2	B	7	6	289	(.4	4	10	31	1471		
59209139	NF-37		CSL	+400	1	4	YB	4	1	1	25	2	B	6	4	231	(.4	3	7	30	213	
59209140	NF-38		CSL	+450	1	4	YB	4	1	1	20	2	B	11	8	361	(.4	4	6	28	156	
59209141	NF-39		CSL	+500	1	4	YB	4	1	1	15	2	B	9	26	393	(.4	4	8	29	569	
59209142	NF-40		CSL	+550	1	4	YB	42	1	1	25	2	B	21	12	173	(.4	3	5	25	608	
59209143	NF-41		CSL	+600	1	4	YB	4	1	1	25	3	B	3	13	304	(.4	2	4	17	389	
59209144	NF-42		CSL	+650	1	4	YB	4	1	1	18	3	C	11	6	121	(.4	(2	5	16	148	
59209145	NF-43		CSL	+700	1	4	YB	4	1	1	30	3	C	6	12	390	(.4	4	6	27	497	
59209146	NF-44		CSL	+750	1	4	YB	41	1	1	25	3	C	6	5	235	(.4	4	6	26	280	
59209147	NF-45		CSL	+800	1	4	YB	4	1	1	25	3	B	5	(4	117	(.4	6	4	21	544	
59209148	NF-46		CSL	+0	1	4	YB	4	1	1	25	3	C	16	15	67	(.4	5	8	10	177	
59209149	NF-47	CSL1060		-25	1	4	YB	11	1	1	15	3	C	16	19	293	(.4	2	9	10	152	
59209150	NF-48	CSL1050		-50	1	4	YB	4	1	1	20	3	B	44	13	136	(.4	2	14	18	408	
59209151	NF-49	CSL1050		-75	1	4	YB	4	1	1	25	2	B	18	13	188	(.4	3	10	16	574	
59209152	NF-50	CSL1050		-100	1	4	YB	11	1	1	25	2	B	91	11	121	(.4	(2	21	28	864	
59209153	NF-51	CSL1050		-125	1	4	YB	41	1	2	15	3	B	23	8	182	(.4	3	11	10	732	
59209154	NF-52	CSL1060		-150	1	4	YB	4	1	1	15	3	B	32	5	114	(.4	(2	9	19	378	
59209155	NF-53				1	4	YB	4	1	1	15	3	B	19	11	45	(.4	(2	7	12	212	
59209156	NF-54				1	4	YB	45	1	2	15	3	B	22	7	43	(.4	2	7	10	224	
59209157	NF-55	CSL1020		+950	1	4	YB	4	1	1	25	3	C	7	6	90	(.4	(2	5	14	177	

LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	A	M	C	G	DDL	SZ	OR	W	EN	S	I	P	RH	Co	Pb	Zn	Ag	As	Cd	Ni	Mn
																		PPM	PPM	PPM	PPM	PPM	PPM	PPM	
89209158	NF-56		CSL1020	+900	1	4			YB	42	1	1	25	3				5	5	78	0.4	7	3	10	238
89209159	NF-57		CSL1020	+950	1	4			YB	4	1	1	25	3				8	8	87	0.4	0	6	29	176
89209160	NF-58		CSL1020	+1000	1	4			YB	4	1	1	15	3				6	5	101	0.4	3	6	29	478
89209161	NF-59		CSL1020	+1050	1	4			YB	4	1	1	25	3				6	4	91	0.4	0	4	29	486
89209162	NF-60		CSL1020	+1100	1	4			YB	4	1	1	30	3				10	3	73	0.4	1	5	33	379
89209163	NF-61		CSL1020	+1150	1	4			YB	4	1	1	30	3				7	5	67	0.4	0	4	19	165
89209164	NF-62		CSL1020	+1200	1	4			YB	4	1	1	30	3				9	6	77	0.4	2	5	33	465
89209165	NF-63		CSL1020	+1250	1	4			YB	4	1	1	25	3				5	5	57	0.4	2	4	10	412
89209166	NF-64		CSL1020	+1300	1	4			YB	4	1	1	30	3				8	3	59	0.4	2	4	19	378
89209167	NF-65		CSL1020	+1350	1	4			YB	4	1	1	30	3				9	8	94	0.4	3	6	20	435
89209168	NF-66		CSL1020	+1400	1	4			YB	45	1	2	20	3				7	8	37	0.4	0	3	7	124
89209169	NF-67		CSL1020	+1450	1	4			YB	45	1	2	20	3				6	4	40	0.4	0	3	8	150
89209170	NF-68		CSL1020	+1500	1	4			YB	4	1	1	25	3				11	7	64	0.4	3	5	13	203
89209171	NF-69		CSL1020	+1550	1	4			YB	4	1	1	30	3				5	5	28	0.4	0	3	5	108
89209172	NF-70		CSL1020	+1600	1	4			YB	4	1	1	30	3				9	0	42	0.4	2	4	8	264
89209173	NF-71		CSL1020	+1650	1	4			YB	4	1	1	25	3				13	5	85	0.4	3	6	15	314
89209174	NF-72		CSL1020	+1700	1	4			YB	4	1	1	25	2				4	5	91	0.4	0	4	10	358
89209175	NF-73		CSL1020	+1750	1	4			YB	4	1	1	25	2				6	6	69	0.4	0	5	12	399
89209176	NF-74		CSL1025	+1800	1	4			YB	4	1	1	15	2				8	5	90	0.4	3	4	16	307
89209177	NF-75		CSL1025	+1850	1	4			YB	4	1	1	30	2				5	4	85	0.4	0	4	10	664
89209178	NF-76		CSL1025	+1900	1	4			YB	4	1	1	20	2				6	7	91	0.4	0	4	7	670
89209179	NF-77		CSL1025	+1950	1	4			YB	4	1	1	25	2				10	6	38	0.4	0	3	7	196
89209180	NF-78		CSL1030	+2000	1	4			YB	4	1	1	10	2				4	6	122	0.4	0	4	15	340
89209181	NF-79		CSL1030	+2050	1	4			YB	4	1	1	15	3				14	9	103	0.4	0	7	19	184
89209182	NF-80		CSL1030	+2100	1	4			YB	4	1	1	15	2				10	5	78	0.4	3	3	20	179
89209183	NF-81		CSL1030	+2150	1	4			YB	4	1	1	15	2				7	0	77	0.4	0	3	12	342
89209184	NF-82		CSL1030	+2200	1	4			YB	4	1	1	15	3				5	5	61	0.4	2	3	8	211
89209185	NF-83		CSL1030	+2250	1	4			YB	4	1	1	20	2				4	4	53	0.4	2	3	10	397
89209186	NF-84		CSL1020	+2300	1	4			YB	45	2	1	25	2				16	11	52	0.4	0	4	15	397
89209187	NF-85		CSL1020	+2350	1	4			YB	4	1	1	30	3				5	5	122	0.4	0	3	11	335
89209188	NF-86		CSL1030	+2400	1	4			YB	4	1	1	10	3				8	18	107	0.4	5	7	16	438
89209189	NF-87		CSL1030	+2450	1	4			YB	4	1	1	10	2				6	8	77	0.4	4	5	8	514
89209190	NF-88		CSL1030	+2500	1	4			YB	4	1	1	10	3				18	15	192	0.4	9	5	49	212
89209191	NF-89		CSL1030	+2550	1	4			YB	4	1	1	20	3				18	0	123	0.4	2	10	32	311
89209192	NF-89		CSL1040	+2600	1	4			YB	4	1	1	15	3				15	0	94	0.4	4	8	28	535
89209193	NF-91		CSL1040	+2650	1	4			YB	4	1	1	20	2				6	5	75	0.4	0	5	28	225

MAP	FIELD																								
NUMBER	NO	MAP ZONE	EAST	NORTH	#	M	D	S	DEL	SZ	OR	M	CM	S	H	P	PH	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
89209194	NE-92	CSL1040	+2700		1	4		YB	4	1	1	25	2	B				6	44	62	1.4	12	4	26	365
89209195	NE-93	CSL1040	+2750		1	4		YB	4	1	1	15	2	C				10	11	30	1.4	3	5	29	338
89209196	NE-94	CSL1040	+2900		1	4		YB	4	1	1	25	2	B				6	44	47	1.4	4	4	16	176
89209197	NE-95	CSL1040	+2850		1	4		YB	4	1	1	30	3	B				6	44	24	1.4	10	7	4	32

I=INSUFFICIENT SAMPLE X=SMALL SAMPLE E=EXCEEDS CALIBRATION C=BEING CHECKED R=REVISED

IF REQUESTED ANALYSES ARE NOT SHOWN RESULTS ARE TO FOLLOW

ANALYTICAL METHODS

Cu 20% HNO3 DECOMPOSITION / I.C.P. ANALYSIS
 Fe 20% HNO3 DECOMPOSITION / I.C.P. ANALYSIS
 Zn 20% HNO3 DECOMPOSITION / I.C.P. ANALYSIS
 Se 20% HNO3 DECOMPOSITION / I.C.P. ANALYSIS
 As 20% HNO3 DECOMPOSITION / I.C.P. ANALYSIS
 Co 20% HNO3 DECOMPOSITION / I.C.P. ANALYSIS
 Ni 20% HNO3 DECOMPOSITION / I.C.P. ANALYSIS
 Mn 20% HNO3 DECOMPOSITION / I.C.P. ANALYSIS

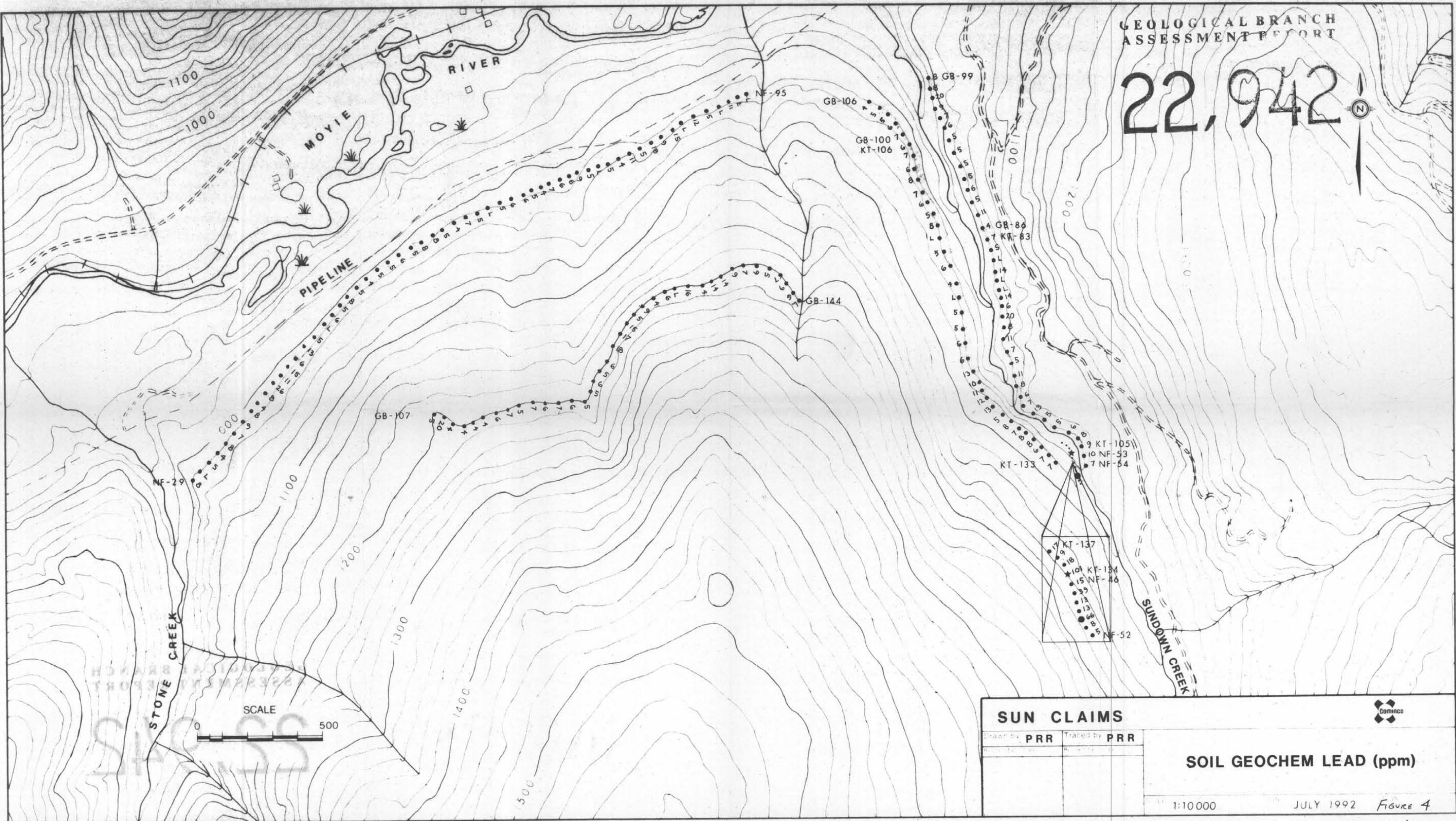
LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	#	N	O	S	COL	SZ	GR	W	CH	S	H	P	PH	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Co PPM	Ni PPM	Mn PPM
S9209017	BB-86		+1040	+50	1	4			1B		1	1	20	3	B		22	4	113	(.4)	(2)	9	19	423	
S9209018	BB-87		+1050	+100	1	4			2B	34	1	1	20	3	B		23	11	170	(.4)	4	13	24	1064	
S9209019	BB-88		+1040	+150	1	4			1B	24	1	1	20	3	B		17	5	70	(.4)	3	7	13	191	
S9209020	BB-89		+1040	+200	1	4			1B	24	1	1	20	3	B		21	6	78	(.4)	4	7	12	291	
S9209021	BB-90		+1035	+250	1	4			1B	34	1	1	20	3	B		9	5	154	(.4)	(2)	5	13	578	
S9209022	BB-91		+1020	+300	1	4			1B	24	1	1	20	3	B		10	5	47	(.4)	(2)	5	8	178	
S9209023	BB-92		+1020	+350	1	5			2B	24	1	1	20	3	B		11	5	70	(.4)	(2)	5	11	281	
S9209024	BB-93		+1010	+400	1	5			1B	24	1	1	20	3	C		12	5	39	(.4)	2	5	7	123	
S9209025	BB-94		+1010	+450	1	4			1B	24	1	1	20	3	B		14	6	41	(.4)	(2)	5	7	167	
S9209026	BB-95		+1010	+500	1	4			2B	24	1	1	15	3	B		9	7	71	(.4)	(2)	5	9	450	
S9209027	BB-96		+1000	+550	1	4			YB	24	1	1	25	3	B		13	9	80	(.4)	(2)	6	17	188	
S9209028	BB-97		+1000	+600	1	4			1B	24	1	1	15	3	B		16	20	149	(.4)	4	11	16	762	
S9209029	BB-98		+1000	+650	1	4			1B	24	1	1	20	3	B		22	8	52	(.4)	3	6	11	225	
S9209030	BB-99		+1000	+700	1	4			2B	24	1	1	15	3	B		39	8	132	(.4)	6	9	30	506	
S9209076	KT-83	CSL1050	+0		1	4	2	YB	4	1	1	15	4	B		13	7	64	(.4)	(2)	7	13	237		
S9209077	KT-84	CSL1050	-50		1	4	2	YB	4	1	1	15	3	B		19	5	53	(.4)	4	7	14	179		
S9209078	KT-85	CSL1050	-100		1	4	2	YB	4	1	1	15	4	B		15	4	80	(.4)	(2)	6	13	361		
S9209079	KT-86	CSL1050	-150		1	4	2	YB	4	1	1	15	3	B		17	14	71	(.4)	(2)	7	11	219		
S9209080	KT-87	CSL1050	-200		1	4	2	YB	4	1	1	20	3	B		15	4	96	(.4)	5	7	12	323		
S9209091	KT-88	CSL1050	-250		1	4	2	YB	4	1	1	15	3	B		15	4	87	(.4)	6	4	19	301		
S9209082	KT-89	CSL1055	-300		1	4	2	YB	4	1	1	15	3	B		14	14	84	(.4)	(2)	10	13	285		
S9209083	KT-90	CSL1060	-350		1	4	2	YB	4	1	1	15	3	B		15	4	56	(.4)	(2)	6	12	247		
S9209084	KT-91	CSL1060	-400		1	4	2	YB	24	1	2	30	3	C		12	20	75	(.4)	5	7	10	273		
S9209085	KT-92	CSL1060	-450		1	4	2	YB	4	1	1	15	3	B		14	8	78	(.4)	2	6	12	595		
S9209086	KT-93	CSL1060	-500		1	4	2	YB	4	1	1	15	3	B		11	11	74	(.4)	3	5	10	289		
S9209087	KT-94	CSL1070	-550		1	4	2	YB	25	1	1	15	3	B		16	7	75	(.4)	(2)	5	8	156		
S9209088	KT-95	CSL1070	-600		1	4	2	YB	4	1	1	20	3	B		13	5	41	(.4)	(2)	4	7	167		
S9209089	KT-96	CSL1060	-650		1	4	2	YB	4	1	1	15	3	B		12	11	39	(.4)	2	5	7	143		
S9209090	KT-97	CSL1080	-700		1	4	2	YB	4	1	1	20	3	B		22	9	45	(.4)	4	7	10	182		
S9209091	KT-98	CSL1090	-750		1	4	2	YB	45	1	1	15	3	B		23	6	46	(.4)	(2)	6	10	175		
S9209092	KT-99	CSL1050	-800		1	4	2	YB	4	1	1	15	3	B		39	7	49	(.4)	(2)	9	11	243		
S9209093	KT-100	CSL1060	-850		1	4	2	YB	4	1	1	10	3	B		15	13	39	(.4)	(2)	6	7	162		
S9209094	KT-101	CSL1071	-900		1	4	2	YB	4	1	1	15	3	B		15	5	30	(.4)	4	5	7	133		
S9209095	KT-102	CSL1080	-950		1	4	2	YB	4	1	1	15	3	B		14	5	31	(.4)	(2)	5	7	110		
S9209096	KT-103	CSL1070	-1000		1	4	2	YB	4	1	1	15	3	B		9	6	51	(.4)	(2)	6	11	309		
S9209097	KT-104	CSL1080	-1050		1	4	2	YB	4	1	1	10	3	B		7	8	50	(.4)	(2)	5	9	379		
S9209098	KT-105	CSL1080	-1100		1	4	2	YB	4	1	1	10	3	B		17	9	35	(.4)	(2)	6	8	167		
S9209148	NF-46	CSL	+0		1	4			YB	4	1	1	25	3	C		16	15	67	(.4)	5	8	10	177	
S9209149	NF-47	CSL1060	-25		1	4			YB	41	1	1	15	3	C		16	39	203	(.4)	2	8	10	452	
S9209150	NF-48	CSL1050	-50		1	4			YB	4	1	1	20	3	B		44	13	136	(.4)	2	14	18	408	
S9209151	NF-49	CSL1050	-75		1	4			YB	4	1	1	25	2	B		18	13	108	(.4)	3	10	16	674	
S9209152	NF-50	CSL1050	-100		1	4			YB	41	1	1	25	2	B		91	66	124	(.4)	(2)	21	28	864	
S9209153	NF-51	CSL1050	-125		1	4			YB	41	1	2	15	3	B		23	8	152	(.4)	3	11	10	732	
S9209154	NF-52	CSL1060	-150		1	4			YB	4	1	1	15	3	B		32	5	114	(.4)	(2)	9	19	378	
S9209155	NF-53				1	4			YB	4	1	1	15	3	B		19	19	45	(.4)	(2)	7	10	212	
S9209156	NF-54				1	4			YB	45	1	2	15	3	B		22	7	43	(.4)	2	7	10	224	
S9209127	KT-134	CSL1080	+25		1	4			YB	24	1	1	20	4	B		154	101	691	(.4)	(2)	29	60	920	
S9209128	KT-135	CSL1080	+50		1	4			YB	24	1	1	15	4	B		42	10	108	(.4)	6	14	26	340	
S9209129	KT-136	CSL1080	+75		1	2			YB	25	1	1	20	3	B		16	9	59	(.4)	2	10	12	290	
S9209130	KT-137	CSL1080	+100		1	4			2B	25	1	1	25	4	B		19	17	62	(.4)	(2)	8	9	230	

Received

JUL 09 1992

KOOTENAY
EXPLORATION

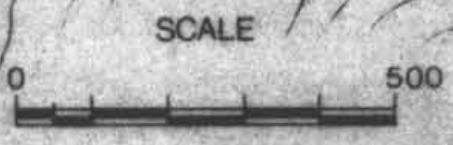
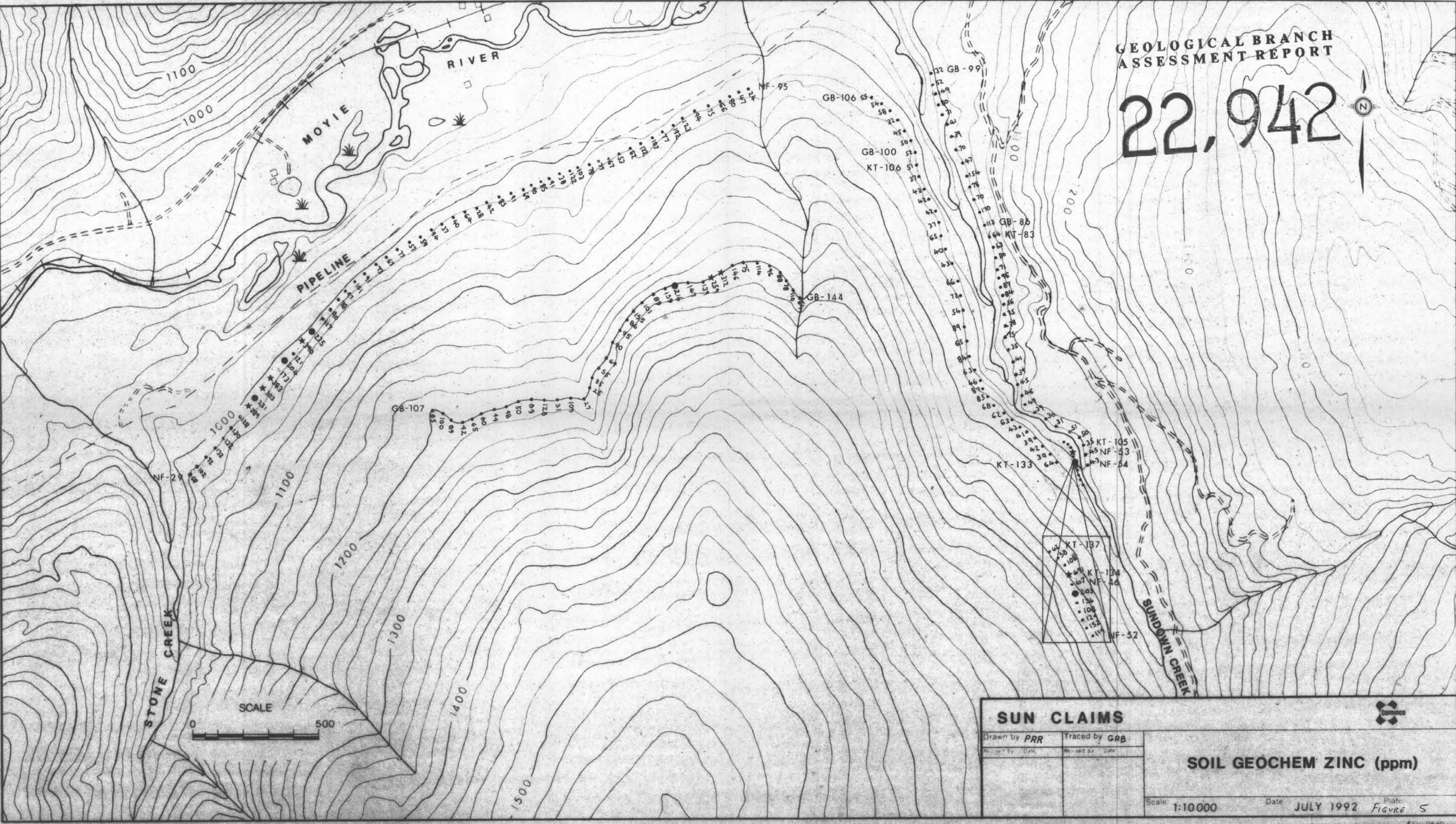
22,942



SUN CLAIMS		
Drawn by PRR	Traced by PRR	
SOIL GEOCHEM LEAD (ppm)		
		1:10000
		JULY 1992
		FIGURE 4

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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SUN CLAIMS

Drawn by PRR Traced by GAB

Project No. Date No. 583 by GAB

SOIL GEOCHEM ZINC (ppm)

Scale 1:10000 Date JULY 1992 Plate FIGURE 5

