

ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 89.04.22

ASSESSMENT REPORT 17451

MINING DIVISION: Omineca

PROPERTY: Pil
LOCATION: LAT 57 17 40 LONG 126 51 48
UTM 09 6351971 628763
NTS 094E07W

CLAIM(S): Pil, Lar
OPERATOR(S): Skylark Res.
AUTHOR(S): Burns, P.J.
REPORT YEAR: 1988, 21 Pages

GEOLOGICAL

SUMMARY: The claims are underlain by andesitic flows and tuffs of reported Middle Jurassic Toodoggone Volcanics. Thin quartz-limonite veins and gossans were sampled.

WORK

DONE: Geological, Geochemical
GEOL 675.0 ha
ROCK 19 sample(s) ;ME
SOIL 52 sample(s) ;ME

MINFILE: 094E 042

LOG NO: 0602	RD.
ACTION:	
FILE NO:	

GEOLOGICAL/GEOCHEMICAL
REPORT

ON THE

PIL AND LAR CLAIMS

FILMED

OMINECA MINING DIVISION
NTS MAP 94E/7W

LATITUDE 57° 17' N
LONGITUDE 126° 51' 30" W

FOR

Operator:

SKYLARK RESOURCES LTD.
#902 - 837 WEST HASTINGS STREET
VANCOUVER, B.C. GEOLOGICAL BRANCH
ASSESSMENT REPORT

Owner:

JOHN MIRKO

BY

17,451

P.J. BURNS, B.Sc., F.G.A.C.

TABLE OF CONTENTS

	<u>PAGE</u>
INTRODUCTION.....	1
LOCATION, ACCESS, PHYSIOGRAPHY.....	1
CLAIM DATA.....	2
HISTORY.....	3
REGIONAL GEOLOGY.....	3
STRUCTURE.....	5
PROPERTY GEOLOGY.....	5
PRELIMINARY GEOCHEMICAL SURVEY.....	6
DISCUSSION OF RESULTS.....	7
CONCLUSIONS.....	9
RECOMMENDATIONS.....	9
REFERENCE.....	10
ITEMIZED COST STATEMENT.....	11
STATEMENT OF QUALIFICATIONS.....	12

FIGURES

FIGURE 1	LOCATION MAP, PIL/LAR CLAIMS.....	FOLLOWS PAGE	1
FIGURE 2	CLAIM MAP, PIL/LAR CLAIMS.....	FOLLOWS PAGE	2
FIGURE 3	PRELIMINARY GEOLOGY AND SAMPLE LOCATION MAP.....	FOLLOWS PAGE	3

TABLES

TABLE 1	SAMPLE RESULTS, LAR CLAIM.....	8
---------	--------------------------------	---

APPENDIX

APPENDIX 1	ACME ANALYTICAL LABORATORIES GEOCHEMICAL ANALYSIS CERTIFICATES
------------	---

INTRODUCTION

This report reviews exploration activities conducted by Skylark Resources Ltd. during the 1987 field exploration season on the Pil and Lar claims, totalling 27 units in the Toodoggone Gold Belt of northern British Columbia.

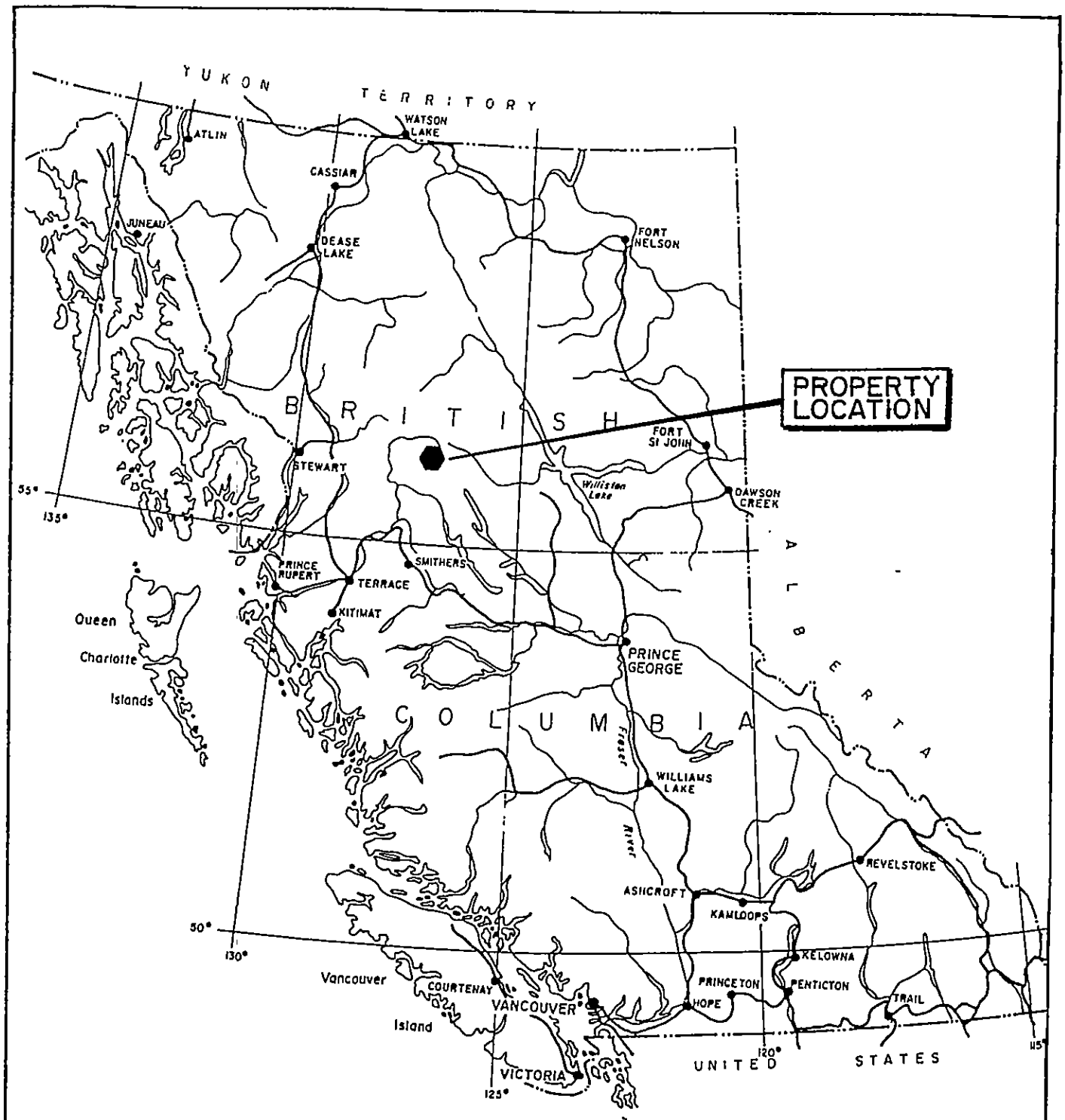
The purpose of the field program was to conduct a preliminary geological and geochemical evaluation of ground acquired during early April, 1987.

Work on the claims included regional geology, and prospecting, combined with soil sampling and litho-geochemistry.

The claims occur near the eastern margin of the Intermontane Belt in the Cassiar-Omineca Mountains, and are predominantly underlain by Lower and Middle Jurassic "Toodoggone Volcanics" comprising andesitic flows and tuffs. A previously documented chalcopyrite-sphalerite occurrence known as the "Black" showing was examined, and geochemistry elsewhere gave anomalous gold, silver, copper, lead and zinc values. Soil sample "LAR 1+50E" returned 1730 ppb (0.05 oz/ton) gold. Additional work is planned on the Pil and Lar claims for 1988.

LOCATION, ACCESS, PHYSIOGRAPHY

The Pil and Lar claims are situated some 275 km north of Smithers, B.C. in the Toodoggone River area (See Figure 1), at Latitude $57^{\circ} 17' N$ and Longitude $126^{\circ} 51' 30'' W$ on NTS Map Sheet 94E/7W. Access is by fixed wing aircraft to the Sturdee River airstrip located 15 km SSE (south-southeast) of the Cheni Mines "Lawyers" gold-silver deposit and thence by helicopter 17 km to



SKYLARK RESOURCES LTD.	
PIL & LAR CLAIMS	
LOCATION MAP	
N.T.S. 94 E-7 W	OMINECA M.D., B.C.
SCALE AS SHOWN	DATE: APRIL 1988
DRAWN BY: P. B.	FIGURE NO. 1



the northeast.

The Omineca Mine Access Road was completed in the fall of 1987 from Moosevale Flats to the Cheni "Lawyers" deposit. At about the same time, Canasil Resources Inc. completed a cat road from the Baker Mine road to their Brenda claims, which adjoin the Pil claim (See Figure 2). Thus, road access is now available to the southern boundary of the Pil claim.

The claims cover two wide, easterly-draining, open glaciated stream valleys flanked by three east-west trending ridges above tree-line. Elevations range from 1200 m above sea level in Jock Creek at the south to 2120 m in the northeast corner of the Lar claim, resulting in steep, relatively rugged terrain.

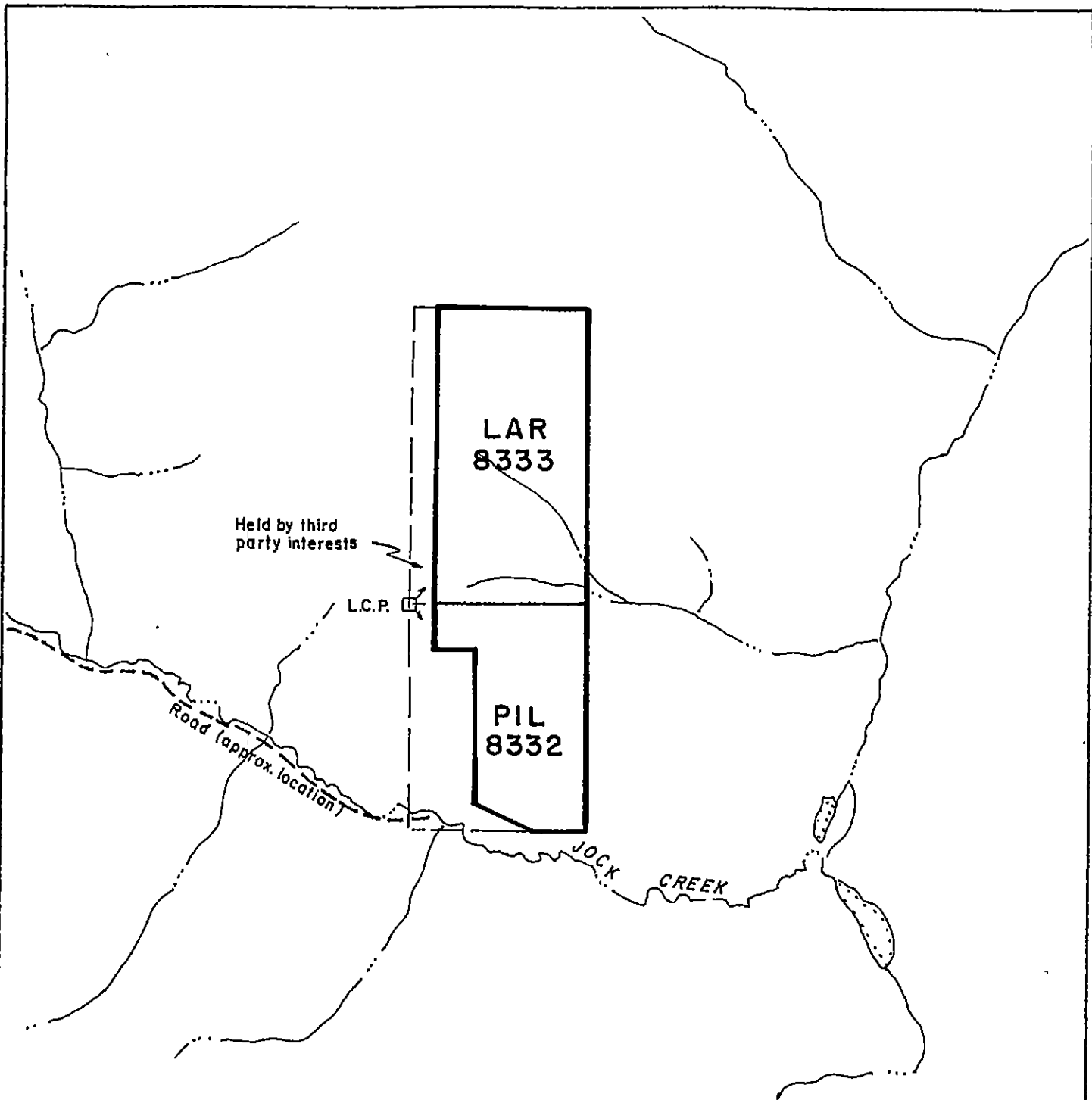
The Skylark Resources exploration camp was based on the Sturdee airstrip which was central to all Skylark properties located in the Toodoggone area, and serviced by daily, direct, fixed-wing flights from Smithers. Northern Mountain Helicopters Bell 206 and Hughes 500 helicopters were utilized on a daily basis for property access.

CLAIM DATA

Claim information concerning the property is listed below:

<u>CLAIM NAME</u>	<u>RECORD NO.</u>	<u>NO. UNITS</u>	<u>EXPIRY DATE</u>
PIL	8332	12	APRIL 23, 1988
LAR	8333	15	APRIL 23, 1988

The claims belong to J. Mirko and are under option to Skylark Resources Ltd.



SKYLARK RESOURCES LTD.	
PIL & LAR CLAIMS CLAIM MAP	
N.T.S. 94E-7W	OMINECA M.D., B.C.
SCALE : 1:50,000	DATE : APRIL' 1988
DRAWN BY : P. B.	FIGURE NO. 2

HISTORY

Previous work on the property identified a copper-zinc showing located just below the east ridge on the peak known as "The Pillar" (See Figure 3). This occurrence is indicated on the map by Diakow et al. (1985) as the "Black" showing with Mineral Inventory Number NTS 94E, property 42. The bornite-barite showing plotted on the same map was not located in the field.

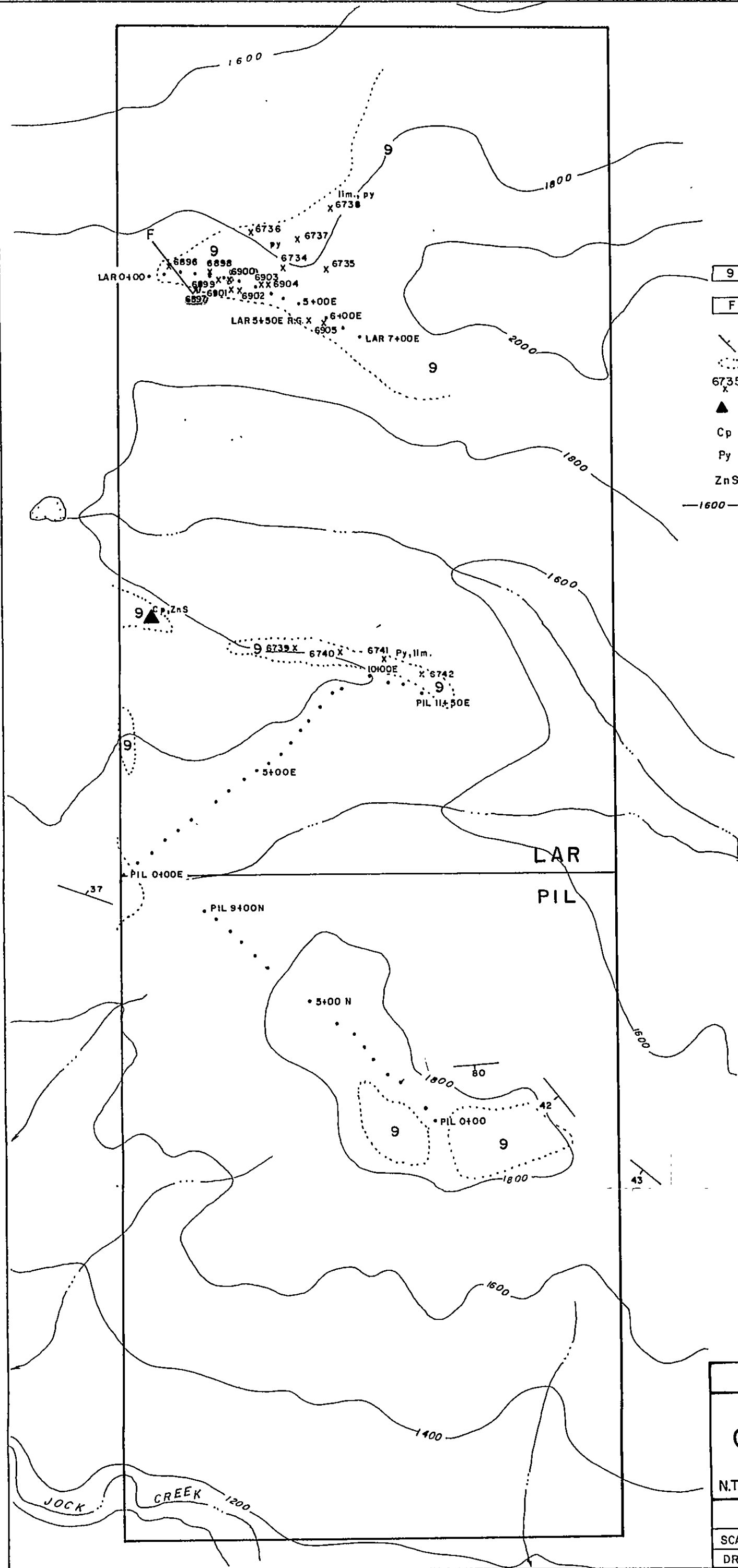
Cheni Mines conducted trenching on their Atlas-Hercules property situated at a point some 400 m west of the western boundary of the Pil and Lar claims in 1987. In addition, Canasil Resources Inc. continued exploration on their Brenda property which adjoins the Pil claim.

The Pil and Lar claims are situated 7 km northeast of the International Shasta Resources Inc./Esso Minerals Canada Ltd. "Shasta" gold-silver property where drilling to date has shown reserves (all categories) of 2,176,800 tonnes of 2.7 g/ton (0.079 oz/ton) Au equivalent, including 471,640 tonnes of 5.9 g/ton (0.172 oz/ton) Au equivalent.

REGIONAL GEOLOGY

The Pil and Lar claims occur within the Intermontane Belt in the Cassiar-Omineca Mountains (Figure 3). Permian Asitka Group crystalline limestones are the oldest rocks in the region and are commonly in thrust fault contact with Middle Triassic Takla Group andesitic flows and pyroclastic rocks. Early Jurassic calc-alkaline Toodoggone or Hazelton Group volcanic rocks crop out along the northern fringe of the area, and underlie the Pil

CHONG



LEGEND

- 9 Toodogone Volcanics
(?) Hazelton Group
- F Feldspar porphyry, hornblende feldspar porphyry
- Strike & dip
- Outcrop
- 6735 Rock sample location & No.
- "Black" showing
- Cp Chalcopyrite
- Py Pyrite
- ZnS Sphalerite
- Contour at 200m interval



SKYLARK RESOURCES LTD.	
PIL & LAR CLAIMS GEOLOGY & SAMPLE LOCATIONS	
N.T.S. 94E - 7W	OMINECA M.D., B.C.
SCALE : 1:12,000	DATE : APRIL 1988
DRAWN BY : P.B.	FIGURE No. 3

and Lar claims. Takla volcanics have been intruded by the Lower Jurassic Jock Creek/Black Lake granodiorite/quartz monzonite stock and are overlain by Early to Middle Jurassic Toodoggone volcanics. This latter sequence is host to the most significant gold occurrences in the Toodoggone area and consists of a greater than 1000 m thick pile of complexly intercalated subaerial andesitic, dacitic and trachytic tuffs, epiclastic rocks and ash flow sheets that are considered to be coeval with the associated Omineca intrusions.

Regionally, the Toodoggone volcanic sequence has been subdivided into three divisions. The Lower division consists predominantly of pyroclastic maroon agglomerate along with grey, green and maroon andesitic to dacitic tuffs. The overlying Middle division comprises rhyolites and dacites along with an intermediate to acidic assemblage of orange crystal to lithic tuffs, welded tuffs and quartz feldspar porphyries. The Upper division of the Toodoggone Group comprises a volcanic-sedimentary sequence of conglomerates, greywacke and ash flows of andesitic-dacitic composition.

The above units are unconformably overlain by relatively flat-lying Late Cretaceous to Tertiary sedimentary rocks of the Sustut Group. These comprise polymictic conglomerate, sandstone, shale and carbonaceous mudstone.

STRUCTURE

The structural setting in the Toodoggone area is considered to probably have been the most significant factor with respect to an ore control in permitting mineralizing solutions to migrate through the 1 km thick volcanic pile.

Numerous major regional fault systems and related splays can be traced for up to 50 km or more in a dominant northwest-southeast trend. Major structures include the Saunders Creek, McClair and Lawyers - Attorney faults. In some cases these structures are postulated to be related to collapsed volcanic centres and horst-graben complexes. Gold mineralization is nearly always found proximal to these structures, which locally exhibit evidence of post-mineral displacement.

PROPERTY GEOLOGY

The claims are underlain by andesitic flows and tuffs of Lower to Middle Jurassic age and considered by Diakow et al (1985) to belong to the "Toodoggone Volcanics" (Unit 9 in Figure 3).

Generally, rock types noted are grey to grey-maroon feldspar porphyry andesitic to dacitic tuffs and flows, locally exhibiting bedding and flow-banding. Finely disseminated specular hematite is a common occurrence within the volcanics.

A limonitic alteration zone with an argillic-potassium feldspar-quartz-pyrite(-epidote) mineral assemblage was noted, and sampled, on the northernmost east-west trending ridge within the Lar claim, with approximate dimensions of 150 m long by 50 m wide. Pyrite commonly occurs within this zone in amounts ranging

from 3% to 5% as disseminations. Wallrocks appear to be altered andesites (?) which locally contain pink feldspar phenocrysts and biotite.

Numerous vertical dipping, randomly oriented 2 to 4 cm wide quartz-limonite veins were sampled, as was a 092° striking and 76° S dipping, 5 to 10 cm wide zone of fault gouge containing abundant pyrite (Sample 6738).

A pyrite-bearing feldspar porphyry dyke was observed at station 0+90E located to the west of this limonitic gossan zone (Sample 6896). The dyke reportedly measures 1 m in width, striking 150 and dipping vertical.

A second smaller limonitic gossan was observed and sampled at the east end of the ridge to the south on the same claim (Lar); the rocks here are predominantly comprised of maroon ^{py}rophyritic andesites containing local pink feldspar phenocrysts, epidote, quartz and 3% to 5% finely disseminated pyrite cubes 1 mm or less in diameter.

PRELIMINARY GEOCHEMICAL SURVEY

In addition to routine preliminary geological reconnaissance and prospecting, geochemical evaluation techniques were also conducted over much of the Pil and Lar claims. These included lithogeochemistry and soil sampling.

Figure 3 shows the location of the 3 soil grid lines run over the claims, namely, lines Pil 0+00N to 9+00N, Pil 0+00E to 11+50E and Lar 0+00 to 7+00E. Samples were collected on 50 m centres

wherever possible, and at depths of at least 20 to 25 cm, well below the "A" horizon. Soil material generally comprised brownish rubbly fines or glacial till, which was collected in Kraft paper bags and shipped to Acme Analytical Laboratories for 30 element ICP analyses and gold in ppb by standard atomic absorption techniques. Rock samples were similarly analyzed.

Results are listed in Appendix I and geochemical sample locations and numbers are plotted on Figure 3.

DISCUSSION OF RESULTS

Preliminary prospecting, combined with geological reconnaissance and the regional geochemical survey resulted in the discovery of several areas of interest on the Pil and Lar claims.

The 30 element ICP analysis conducted on each sample shows sharp variations between the 3 sample lines with respect to certain elements, for example, Cu, Pb, Ag, Co, Fe, Sr, Ba, Ti and Au.

Most variations are probably within a normal background range in general for the majority of the elements on each of the 3 sample lines, and reflect compositional differences in the underlying bedrock due to the thin soil cover occurring along the ridges where sampling took place. However, significant precious and base metal geochemical anomalies were detected, and will require additional delineation in 1988.

These areas are as follows:

1. Lar Claim

The east-west trending ridge at the northern portion of the Lar claim returned anomalous precious and base metals values both in lithochemical and soil geochemical sampling. (See Figure 3). Table 1 lists several of the most anomalous elements and corresponding sample numbers.

Table 1

Sample Results - Lar Claim

Sample No.	Cu	Pb	Zn ppm	Ag	Au ppb
6897	187	5694	252	4.4	29
6900	---	---	---	5.6	---
LAR 1+50E	267	5727	617	4.8	1730
LAR 2+00E	105	217	257	---	310

In addition, several soil samples collected along the ridge consistently returned values for gold ranging from 10 to 50 ppb and are considered weakly anomalous.

The central ridge, located in the southern portion of the Lar claim returned gold anomalous lithochemical results with values as high as 38 ppb Au (Sample 6742). Soil sample No. Pil 11+50E located approximately 50 m south of Sample 6742 returned 45 ppb Au and 3.4 ppm Ag.

2. Pil Claim

Soil sample Pil 0+50N returned a 5.2 ppm Ag located on the ridge in the centre of the Pil claim (See Figure 3). The remaining

soils from the Pil 0+00N to 9+00N line returned normal background values in elements analyzed.

The copper-zinc mineral occurrence known as the Black showing was examined and found to be localized and discontinuous.

CONCLUSIONS

The preliminary field program conducted on the Pil and Lar claims in 1987 located several areas of interest, particularly in the northern portion of the Lar claim where a spot 1730 ppb gold ICP soil analysis was obtained. Anomalous copper, silver, lead and zinc values were also found in the same area.

RECOMMENDATIONS

Proposed recommendations for the 1988 exploration field season on the Pil and Lar claims include additional prospecting, geological mapping and sampling in areas not covered by traverses in 1987, as well as fill-in sampling of areas with anomalous precious metals values.

REFERENCE

Diakow, L.J., Panteleyev, A. and Schroeter, T.G., (1985):
"Preliminary Map 61, Geology of the Toodoggone
River Area, NTS 94E" Scale 1:50,000. 2 Map Sheets.

ITEMIZED COST STATEMENT

PIL & LAR CLAIMS

SALARIES

Geologist (Aug.2,3) \$ 400.00
2 days @ \$200/day

Geological Assistant & Sampler (Aug.24) 130.00
9 days @ \$130/day

Prospector (Aug.24) 130.00
1 day @ \$130/day

\$ 660.00

ROOM AND BOARD - 4 man days @ \$51/day \$ 204.00

COMMERCIAL AIRFARES (Incl. Freight) (prorated) \$ 315.20

HELICOPTER SUPPORT (All Incl.) \$ 1,322.20
2.2 hours @ \$601/hour

GEOCHEMICAL ANALYSES (ICP, Au ppb)
20 Rocks @ \$14.75/sample \$ 295.00
50 Soils/Silts @ \$11.00/sample 550.00
\$ 845.00

EQUIPMENT AND SUPPLIES (prorated) \$ 162.60

MOBILIZATION/DEMOBILIZATION \$ 340.00

REPORT PREPARATION \$ 400.00
(Includes Typing, Drafting, etc.)

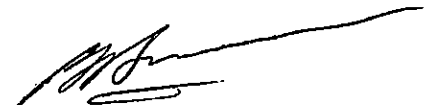
TOTAL \$ 4,249.00

QUALIFICATIONS

I, P.J. Burns, of 1522 Woods Drive, North Vancouver, in the province of British Columbia, hereby certify that:

- (1) I am a registered Fellow of the Geological Association of Canada - No. F5254.
- (2) I am a graduate of the University of British Columbia, Vancouver, with a Bachelor of Science degree in honours geology.
- (3) I have practiced my profession continually as mine, exploration and consultant geologist for the past 14 years across Canada, in the U.S.A., Nicaragua, Costa Rica, Chile, Peru, Argentina and Brazil.
- (4) I personally examined the property and directed the field exploration program in 1987.

Vancouver, B.C.
April, 1988



Patrick J. Burns
Consulting Geologist

APPENDIX I

Acme Analytical Laboratories

Geochemical Analysis

CERTIFICATES

ACME ANALYTICAL LABORATORIES

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

PHONE 253-3158

DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

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

DATE RECEIVED: AUG 18 1987

DATE REPORT MAILED: Aug 29/87

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

SKYLARK RESOURCES PROJECT-FIRESTEEL File # 87-3417 Page 1

SAMPLES	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SO PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU PPM
R-6734	7	46	45	76	2.5	1	2	720	4.98	21	5	ND	4	73	1	2	2	93	.03	.048	16	9	.95	113	.21	2	1.47	.09	.23	1	1
R-6735	17	60	70	34	.6	2	3	204	19.17	83	5	ND	20	746	1	2	2	152	.19	.674	52	5	.11	81	.04	2	1.57	.08	.46	1	1
R-6736	5	10	25	1	1.2	1	2	20	1.63	14	5	ND	3	11	2	2	2	4	.01	.024	2	1	.02	137	.10	2	.30	.01	.29	2	24
R-6737	7	19	16	3	.4	1	2	23	4.55	6	5	ND	5	17	1	2	2	8	.02	.082	5	2	.05	115	.20	7	.32	.02	.22	1	4
R-6738	1	22	26	65	.5	2	6	775	4.17	18	5	ND	7	36	1	2	2	39	.19	.072	9	7	.75	96	.21	2	1.01	.03	.25	1	4
R-6739	2	14	11	18	1.3	1	3	181	3.08	7	5	ND	2	22	1	2	2	16	.15	.052	5	5	.32	331	.09	2	.49	.01	.22	1	10
R-6740	1	16	9	13	1.9	2	4	147	4.22	6	5	ND	3	12	1	2	3	22	.01	.036	11	4	.11	112	.01	2	.36	.01	.19	1	20
R-6741	3	24	24	3	3.3	1	2	55	2.20	6	5	ND	2	10	1	2	2	10	.01	.012	7	4	.01	119	.01	2	.16	.01	.23	1	22
R-6742	2	16	11	24	1.8	2	7	77	3.46	5	5	ND	1	5	1	2	3	14	.01	.031	7	3	.03	48	.01	2	.21	.01	.20	1	38
STD C/AU-R	18	61	41	132	7.1	67	28	1041	4.03	39	18	7	39	50	17	17	21	59	.46	.086	37	59	.84	179	.09	39	1.72	.06	.13	13	490

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH JML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-2 ROCK P3-9 SOIL AUX ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 31 1987

DATE REPORT MAILED: *Sept 9/87*ASSAYER: *D. J. J. J.* DEAN TOYE, CERTIFIED B.C. ASSAYER

SKYLARK RESOURCES PROJECT-FIRESTEEL File # 87-3795 Page 1

SAMPLE#	AD	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	AU*
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
R-889a	4	14	56	95	1.3	2	4	694	3.03	16	5	ND	6	19	1	2	3	53	.16	.054	18	3	.97	99	.12	2	1.36	.05	.13	1	9
R-8897	4	187	5694	252	4.4	3	5	638	4.93	20	5	ND	4	8	2	2	2	79	.09	.071	10	1	1.07	49	.27	4	1.37	.04	.18	1	29
R-8898	3	34	98	139	.8	2	8	1188	5.33	25	5	ND	3	40	1	2	2	109	.45	.090	6	1	1.52	31	.32	10	1.82	.04	.15	1	9
R-8899	2	11	32	12	.9	2	3	137	3.52	8	5	ND	5	10	1	2	2	31	.01	.036	7	2	.34	23	.31	2	.60	.05	.22	1	2
R-8900	2	27	40	75	5.6	3	12	686	5.79	33	5	ND	4	45	1	4	2	82	.43	.079	8	1	.99	32	.34	4	1.17	.07	.10	2	5
R-8901	2	53	60	86	.9	2	3	914	4.40	22	5	ND	5	23	1	3	2	127	.06	.057	12	1	1.40	43	.27	2	2.19	.06	.10	1	4
R-8902	4	22	31	38	1.8	1	1	356	2.77	21	5	ND	4	19	1	2	2	47	.01	.035	8	2	.60	97	.22	2	.99	.08	.21	1	5
R-8903	4	8	13	50	.1	1	3	540	3.11	14	5	ND	5	17	1	3	2	46	.10	.030	11	1	1.06	78	.23	2	1.20	.05	.10	1	2
R-8904	2	13	11	50	.3	2	3	472	3.40	15	5	ND	5	21	1	2	2	47	.09	.045	18	1	.56	112	.29	2	.97	.06	.16	2	1
R-8905	2	27	20	41	2.1	2	3	479	1.46	3	5	ND	2	44	1	2	2	16	.33	.030	6	4	.47	845	.07	2	.83	.02	.06	1	2
LAR 5+50E R.G.	1	11	14	129	.1	3	10	973	3.05	8	5	ND	3	119	1	2	2	57	1.19	.083	9	1	1.39	42	.25	11	2.15	.05	.04	1	1
LAR 0+00E	5	38	49	94	1.1	6	12	2569	3.31	16	5	ND	1	123	1	2	2	63	1.93	.137	8	5	.49	110	.04	2	4.26	.04	.10	2	37
LAR 0+50E	3	60	40	98	.7	17	14	1984	3.85	18	5	ND	2	148	1	2	2	73	1.12	.082	11	13	.71	345	.06	2	4.65	.05	.09	1	50
LAR 1+00E	6	45	110	187	.5	19	21	2385	5.02	16	5	ND	3	41	1	2	2	65	.37	.123	19	18	.66	218	.05	2	3.85	.03	.12	1	29
LAR 1+50E	8	267	5727	617	4.8	16	15	1791	5.29	30	5	ND	7	44	4	2	2	54	.26	.140	25	14	.59	188	.08	2	2.33	.03	.16	2	1730
LAR 2+00E	4	105	217	257	2.1	19	38	2295	6.74	27	5	ND	4	60	2	2	2	90	.36	.090	10	14	1.03	102	.15	3	3.36	.02	.06	1	310
LAR 2+50E	5	59	53	53	.8	1	3	244	9.07	33	5	ND	5	32	1	2	2	87	.07	.107	17	1	.50	89	.26	2	1.78	.02	.11	1	12
LAR 3+00E	4	25	36	34	1.1	1	2	139	7.40	31	5	ND	7	101	1	3	2	26	.03	.130	22	1	.15	32	.19	2	1.12	.06	.82	1	19
LAR 3+50E	3	42	80	74	1.1	8	9	756	7.71	30	5	ND	4	69	1	3	2	69	.07	.166	26	7	.42	292	.08	2	2.36	.06	.22	1	6
LAR 4+00E	4	29	85	76	1.3	4	8	1483	4.33	17	5	ND	1	51	1	2	2	55	.14	.217	13	4	.13	298	.01	3	1.39	.02	.14	1	28
LAR 4+50E	2	31	39	75	1.4	9	5	607	5.01	32	5	ND	2	76	1	3	2	45	.12	.132	23	10	.33	264	.08	6	1.60	.04	.19	1	2
LAR 5+00E	3	35	55	97	1.7	7	15	2106	4.91	25	5	ND	5	62	1	2	2	41	.25	.138	27	5	.50	307	.08	2	1.78	.04	.16	1	10
LAR 6+00E	1	23	40	110	1.2	9	6	919	3.24	9	5	ND	1	47	1	2	2	42	.26	.153	12	8	.44	202	.05	4	1.65	.02	.11	1	1
LAR 6+50E	2	40	42	85	1.8	4	11	1104	4.69	18	5	ND	5	60	1	2	2	42	.23	.115	21	5	.58	210	.18	2	1.71	.04	.21	1	3
LAR 7+00E	4	44	141	197	1.6	11	10	1249	4.12	13	5	ND	2	63	1	2	2	50	.36	.079	17	10	.61	178	.11	2	1.74	.03	.13	1	38

ACME ANALYTICAL LABORATORIES

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

PHONE 253-3158

DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.300 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE CA P LA CR NG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: P1-2 SILT P3-4 SOIL P5-6 SOIL/SILT AU: ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 9 1987 DATE REPORT MAILED: *Sept 19/87* ASSAYER: *D. Toyne* DEAN TOYE, CERTIFIED B.C. ASSAYER

SKYLARK RESOURCES File # 87-4023 Page 1

SAMPLE#	NO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AUS PPM
PIL 9+00N	1	14	16	70	.1	4	4	817	2.08	40	5	ND	1	71	1	3	2	62	1.25	.189	17	6	.62	108	.04	2	3.29	.05	.06	1	1
PIL 8+50N	1	14	17	55	.4	5	4	1784	2.84	52	5	ND	2	72	1	3	2	78	1.18	.115	13	6	.53	86	.10	4	4.60	.04	.08	1	1
PIL 7+50N	1	11	16	67	.3	4	5	678	3.21	38	5	ND	2	69	1	3	2	82	1.05	.102	14	5	.66	67	.14	2	3.53	.04	.09	1	1
PIL 7+00N	1	13	17	61	.5	4	5	674	2.52	37	5	ND	2	79	1	5	2	65	1.09	.110	14	6	.67	76	.09	3	4.02	.04	.11	3	2
PIL 6+50N	1	18	19	68	.4	6	5	557	3.14	16	5	ND	2	47	1	4	2	64	.80	.110	14	4	.66	101	.10	4	2.70	.04	.09	1	1
PIL 5+00N	1	17	21	65	.4	6	4	465	2.43	22	5	ND	1	70	1	2	2	45	.67	.120	12	6	.44	135	.06	2	2.84	.04	.10	1	1
PIL 4+00N	1	21	20	68	.3	7	6	577	3.44	26	5	ND	3	64	1	3	2	67	.79	.079	14	7	.57	129	.17	2	2.48	.04	.11	1	1

SKYLARK RESOURCES FILE # 87-4023

Page 2

SAMPLE#	MO PPH	CU PPH	PB PPH	ZN PPH	AG PPH	NI PPH	CO PPH	MN PPH	FE %	AS PPH	U PPH	AU PPH	TH PPH	SR PPH	CD PPH	SB PPH	BI PPH	V PPH	CA %	P %	LA PPH	CR PPH	MG %	BA PPH	TI %	B PPH	AL %	NA %	K %	W PPH	AU# PPH
PIL 3+50N	1	45	24	79	.2	5	7	742	3.49	37	5	ND	4	44	1	3	2	65	.80	.089	20	4	.42	132	.19	4	2.23	.04	.22	1	1
PIL 3+00N	2	18	21	77	.2	7	7	775	3.25	10	5	ND	2	58	1	2	2	68	.88	.089	18	7	.70	162	.06	2	2.93	.03	.19	1	1
PIL 2+50N	1	15	20	85	.2	4	7	876	3.17	13	5	ND	4	83	1	2	2	72	1.18	.079	16	2	.77	132	.06	2	2.73	.03	.19	1	1
PIL 2+00N	1	19	22	98	.3	8	9	999	3.82	23	5	ND	5	115	1	2	2	82	1.66	.097	25	4	1.14	142	.20	3	3.48	.04	.19	1	1
PIL 1+50N	1	34	27	99	.8	7	8	1626	3.52	19	5	ND	2	32	1	2	2	74	.42	.112	19	4	.44	191	.03	4	2.52	.03	.17	1	1
PIL 0+50N	1	60	22	101	5.2	6	4	334	1.52	6	5	ND	1	28	1	2	2	38	.72	.209	25	8	.47	372	.01	2	2.95	.03	.19	1	1
PIL 0+00N	1	53	19	81	1.7	7	5	637	2.53	13	5	ND	2	27	1	2	2	57	.76	.234	29	8	.43	332	.01	2	2.31	.03	.16	1	2
PIL 0+00E	1	14	18	73	.3	3	5	426	3.95	29	5	ND	1	17	1	2	2	78	.24	.094	10	4	.46	94	.02	3	2.04	.02	.10	1	1
PIL 0+50E	1	12	17	82	.4	4	5	1034	2.96	42	5	ND	2	31	1	2	2	61	.48	.231	19	4	.44	151	.02	4	2.93	.03	.13	1	1
PIL 1+00E	1	10	21	92	.4	5	5	1092	3.98	31	5	ND	1	39	1	2	2	76	.62	.156	15	10	.43	196	.03	5	2.08	.03	.10	1	1
PIL 1+50E	2	11	20	101	.2	5	6	929	4.04	25	5	ND	2	20	1	2	2	75	.26	.105	10	5	.67	107	.03	5	2.06	.02	.13	1	1
PIL 2+00E	2	8	20	98	.3	3	6	993	4.11	34	5	ND	1	20	1	3	2	73	.25	.113	8	3	.51	114	.02	4	2.10	.02	.14	3	1
PIL 2+50E	1	8	16	73	.2	2	4	448	3.55	17	5	ND	1	14	1	2	2	73	.13	.114	7	3	.33	101	.02	2	1.33	.01	.13	1	1
PIL 3+50E	1	8	20	91	.4	4	5	787	3.21	26	5	ND	1	29	1	2	2	68	.63	.207	17	7	.56	241	.02	3	1.82	.03	.11	1	1
PIL 4+00E	1	9	13	55	.4	3	3	346	1.72	29	5	ND	1	77	1	2	2	40	2.07	.353	26	5	.32	820	.01	2	1.97	.03	.06	1	1
PIL 4+50E	1	53	9	33	.8	2	1	661	.52	47	10	ND	1	221	1	2	2	15	5.30	.415	136	7	.18	766	.01	12	1.49	.01	.03	1	1
PIL 5+00E	1	8	18	76	.2	4	5	461	3.46	17	5	ND	1	24	1	2	2	79	.37	.174	15	6	.44	206	.01	3	2.20	.02	.09	1	1
PIL 5+50E	1	8	21	82	.3	7	4	438	3.32	24	5	ND	2	18	1	2	2	60	.27	.227	24	10	.47	343	.02	2	2.43	.02	.10	1	1
PIL 6+00E	2	10	23	77	.4	6	7	2203	3.59	14	5	ND	2	12	1	2	2	55	.09	.230	15	7	.38	218	.02	2	2.40	.02	.12	1	1
PIL 6+50E	1	9	21	115	.5	4	5	1310	3.57	22	5	ND	1	28	1	2	2	61	.41	.197	12	6	.42	256	.01	2	1.65	.03	.14	1	1
PIL 7+00E	1	7	18	65	.6	3	3	971	2.43	13	5	ND	1	20	1	2	2	47	.15	.213	14	6	.19	236	.01	3	1.72	.02	.11	1	1
PIL 7+50E	1	11	18	77	1.7	6	4	369	2.39	13	5	ND	3	29	1	2	2	56	.34	.205	54	6	.49	416	.01	2	2.78	.02	.12	1	1
PIL 8+00E	1	19	21	83	.4	12	9	1039	4.54	15	5	ND	3	13	1	2	2	74	.11	.113	16	10	.65	167	.02	2	2.47	.02	.13	2	4
PIL 8+50E	2	12	21	74	.7	6	9	2493	3.51	18	5	ND	2	22	1	2	2	52	.22	.214	10	4	.35	242	.01	2	1.49	.02	.12	1	4
PIL 9+00E	2	11	22	109	.8	5	7	2370	3.84	15	5	ND	2	24	1	2	2	56	.15	.236	11	8	.37	223	.01	2	2.08	.02	.13	1	1
PIL 10+00E	2	10	22	90	.6	4	7	2991	3.30	15	5	ND	1	21	1	2	2	49	.11	.198	10	7	.30	226	.01	2	1.79	.02	.14	1	1
PIL 10+50E	2	10	23	77	.4	5	6	2388	3.62	16	5	ND	1	17	1	2	2	55	.07	.230	11	8	.30	240	.01	2	1.97	.02	.13	1	1
PIL 11+00E	4	13	28	62	1.0	4	5	590	4.85	16	5	ND	2	24	1	2	2	66	.04	.199	13	8	.27	191	.01	4	2.14	.02	.23	1	3
PIL 11+50E	20	12	49	35	3.4	1	2	150	11.49	22	5	ND	3	51	1	2	2	56	.01	.172	19	1	.21	38	.01	2	1.25	.02	1.13	2	45