

LOG NO: JUN 28 1993 RD.

ACTION:

FILE NO:

GEOLOGICAL AND GEOCHEMICAL REPORT
ON THE LES PROPERTY

NTS 92 J/3E
LATITUDE 50°06'N
LONGITUDE 123°04'W
VANCOUVER MINING DIVISION

FOR

PRINCESS RESOURCES LTD
604-750 W. PENDER ST.
VANCOUVER B.C.

BY

LES DEMCZUK, M.Sc., P. Geo.
1835 E. 13TH AVE.
VANCOUVER B.C. V5N-2B9

JUNE 5, 1993

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

22,923

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1.0 SUMMARY

1

The Les property consisting of 18 units is located in the Vancouver Mining Division near Whistler, British Columbia. The property has excellent access from Vancouver via Highway 99 and the Millar Creek logging road. The property was acquired by Princess Resources Ltd. to explore for deposits similar to those in the adjacent Northair Mines Property and nearby Silver Tusk Mines Ltd. Property.

The Northair Mine Property have yielded 345,700 tons containing 166,582 ounces of gold and 845,854 ounces of silver with by product copper, lead and zinc. Presently La Rock Mining Corporation is developing ore reserves (Au,Ag,Pb,Zn) on the Brandywine property located approximately 5km west from Les claims.

The Les claims are underlain by quartz diorite intrusions of the Coast Plutonic Complex and package of intermediate greenschist facies, met-volcanic rocks. The geological setting and the northerly to north-northwesterly structures on the Les property are similar to those found on the adjacent Northair Mine Property.

The 1993 work program successfully defined two areas of potential economic mineralization on the Les property. Values as high as 45195 ppm Cu, 80.1ppm Ag, 138 ppm Mo were recorded from wide shear zone and 590 ppb Au and 6.5 ppm Ag from weak quartz-carbonate stockwork. Considering the encouraging results obtained during this program further work on the property is fully warranted and recommended.

2.0 INTRODUCTION

This report is a review of the data and field work conducted in May 1993 on the Les property. The field work totalling 3 days carried out by Les Demczuk, Cris Baldys both geologists and B. Ablay assistant, consisted of prospecting, geological mapping, rock and soil sampling.

The field work and results described within this report are intended to fulfil the assessment requirements for the Les IV and V claims.

2.1 LOCATION AND ACCESS

The Les claim block is located in the Coast Mountains of Southwestern British Columbia about 8km southwest of the ski-resort of Whistler and 85km north of Vancouver, B.C. The property is in the Vancouver Mining Division and N.T.S. map sheet 92-J-3E at geographic coordinates 50°06'N latitude and 123°04'W longitude. (Fig. 1.2) north of Millar Creek.

Access to the property from Vancouver is via Highway 99 to the Millar Creek where network of overgrown logging roads extends northward, or from Callaghan Creek Logging (Northair Mine) road which extends east-south. The British Columbia Railway branch from Vancouver to Lillooet follows Highway 99 from Vancouver to Pemberton.

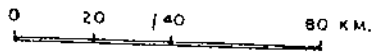
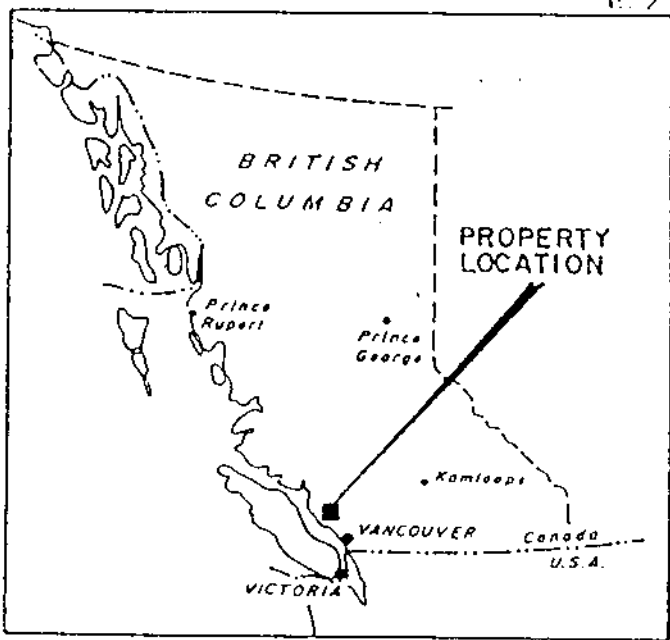
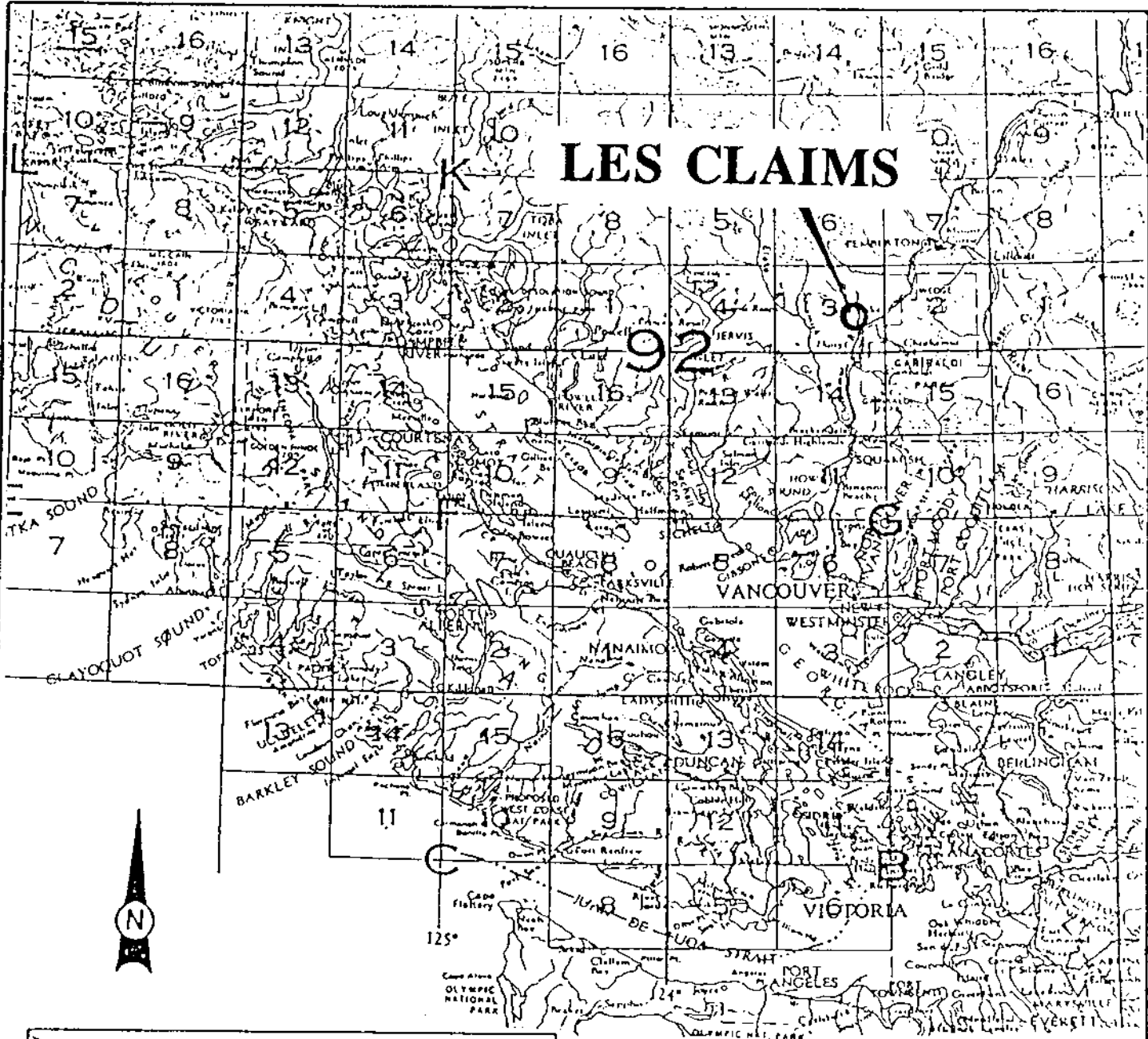
Elevation on the property range from about 2000 feet (610 meters) in the Cheakamus River Valley to about 5200 feet (1700 meters) with strong relief of 1100 meters. Vegetation is typical of coast rain forest with most of the property logged for commercial stands of hemlock, yellow cedar and balsam.

2.2 CLAIM STATUS

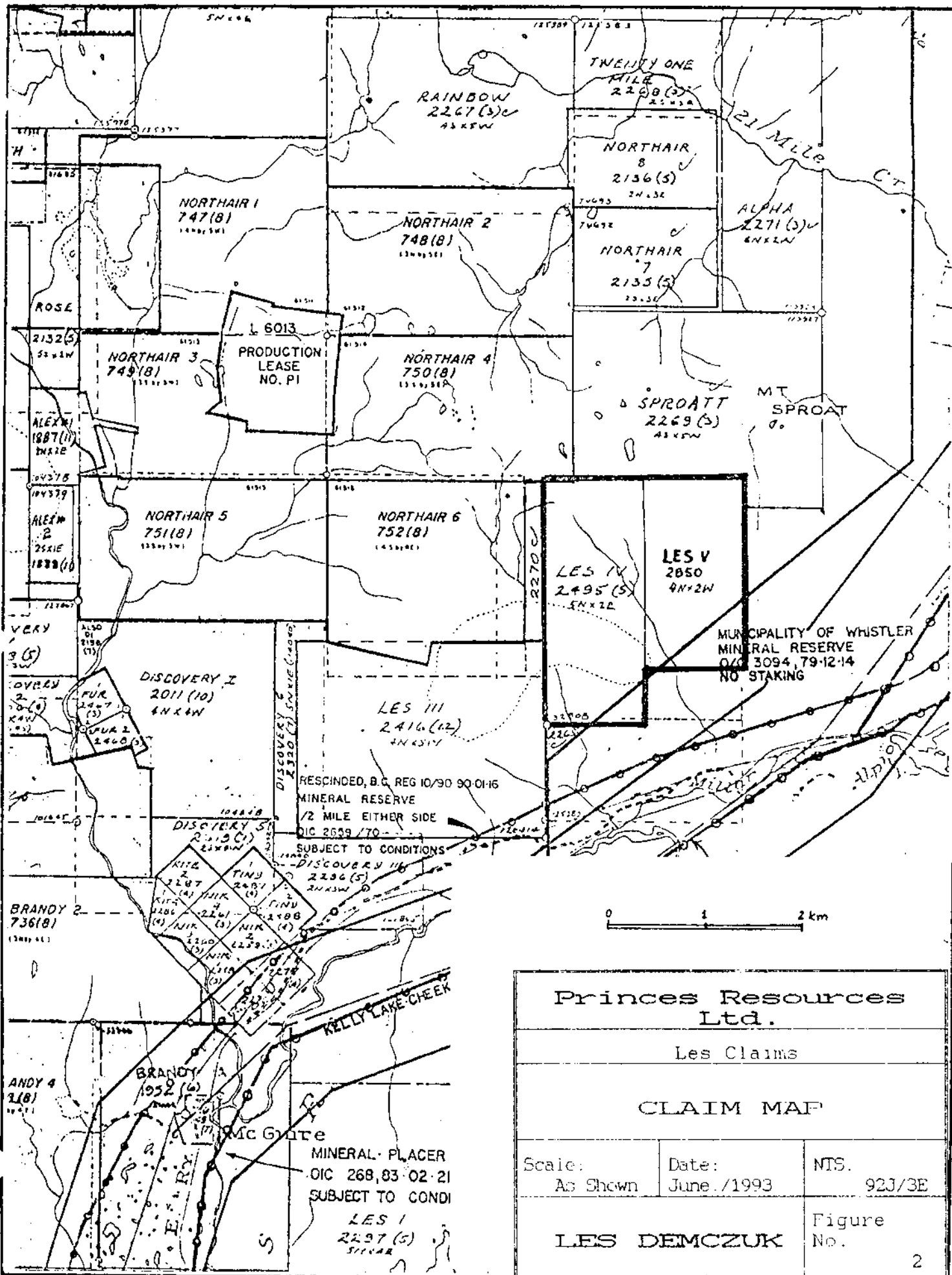
The Les property consists of two continuous claim blocks (Les IV and V) totalling 18 metric units in the Vancouver Mining Division. Princess Resources Ltd. is the owner of the Les claim group.

Claim locations shown of Figure 2 on after government claim map 92 J/3E with pertinent claim data summarized below:

Claim	Units	Record No	Record Date
Les IV	10	2495	May 20, 1989
Les V	8	2850	June 28, 1990



Princes Resources Ltd.		
Les Claims		
LOCATION MAP		
Scale: As Shown	Date: June./1993	NTS. 92J/3E
LES DEMCZUK		Figure No. 1



RAINBOW
2267 (3)C
43 KSW

TWENTY ONE
MILE
2208 (3)
25 KSW

NORTHAIR 1
747 (8)
1400 SW1

NORTHAIR 2
748 (8)
1300 SW1

NORTHAIR
8
2136 (5)
24.3E

ALPHA
2271 (3)C
6N22W

NORTHAIR
7
2135 (5)
25.3E

L 6013
PRODUCTION
LEASE
NO. PI

NORTHAIR 4
750 (8)
1300 SW1

SPROATT
2269 (3)
43 KSW

NORTHAIR 3
749 (8)
1100 SW1

NORTHAIR 5
751 (8)
1200 SW1

NORTHAIR 6
752 (8)
1400 SW1

LES V
2850
4N12W

LES IV
2495 (5)
5N12E

MUNICIPALITY OF WHISTLER
MINERAL RESERVE
O/C 3094, 79-12-14
NO STAKING

DISCOVERY I
2011 (10)
6N12W

LES III
2416 (12)
4N12W

RESCINDED, B.C. REG 10/90 90-0116
MINERAL RESERVE
1/2 MILE EITHER SIDE
OIC 2659 /70
SUBJECT TO CONDITIONS

DISCOVERY II
2119 (11)
24SW

DISCOVERY III
2236 (5)
24SW

BRANDY 2
736 (8)
1300 SW1

ANDY 4
118 (8)
1200 SW1

BRANDY
1952 (6)
1700 SW1

MINERAL PLACER
OIC 268,83-02-21
SUBJECT TO CONDI

LES I
2297 (5)
3112E



2.3 HISTORY

The earliest reports of exploration and mineral occurrences along the Pacific Great Eastern Railroad were made by Camsell (1917). Part B. Geological Survey of Canada. During 1924 discoveries were made by Helmar Hogstrom on a small tributary of the Brandywine River, about 3 miles westerly from McGuire Siding. The discovery apparently apply to the Astra and Cambria Prospects (B.C. Mineral Inventory 92-JW #1) and Blue Jack prospect (B.C. Mineral Inventory 92 JW #3) operated in 1969 and 1970 by Barkley Valley Mines Ltd. and Van Silver Explorations Ltd., respectively.

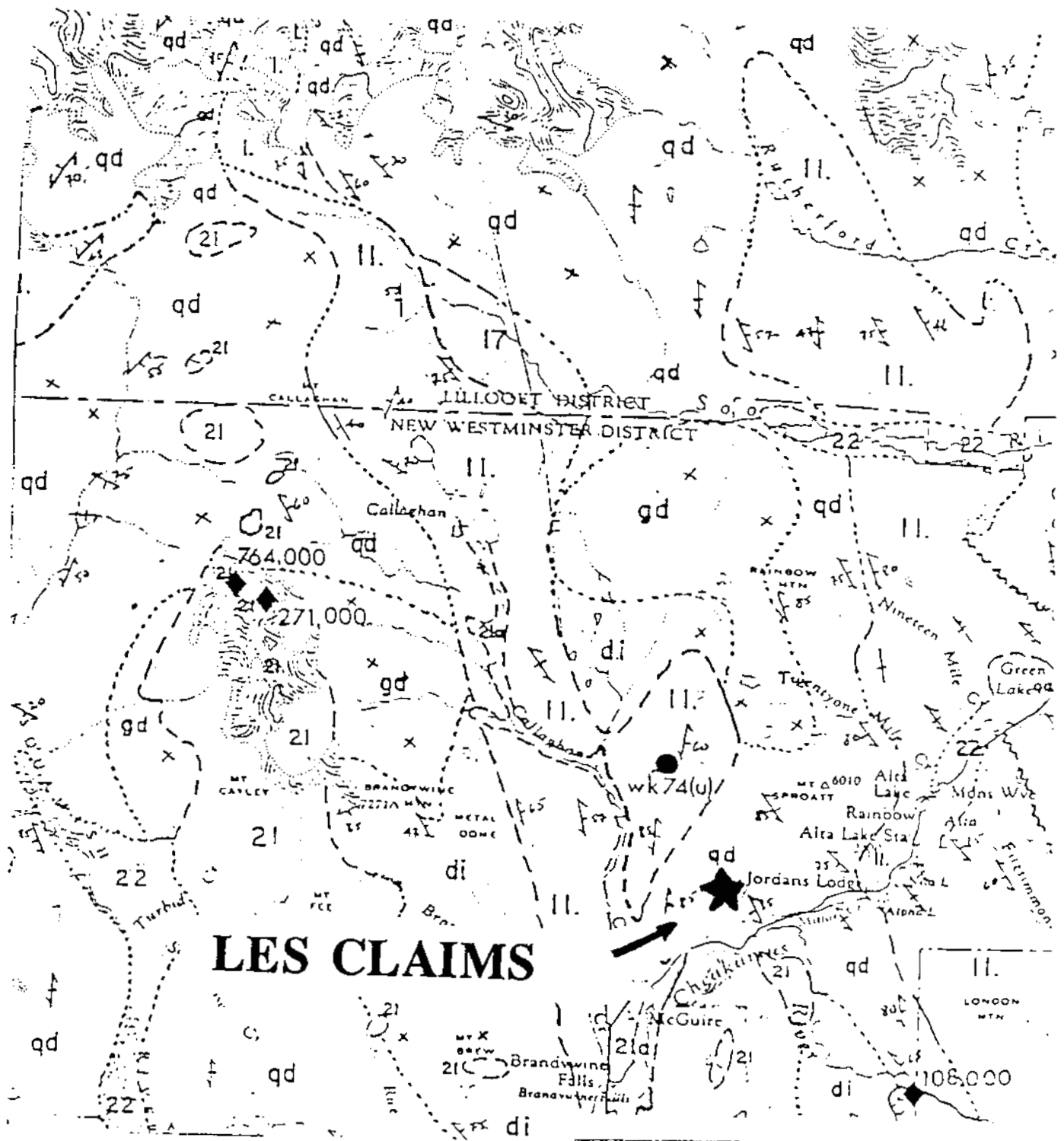
The area appears to have received a number of prospecting efforts with a few small shipments from the Astra-Cambria and Blue Jack prospects prior to discovery of the Warman Property on Callaghan Creek in 1970 by Dr. M.P. Warshowski, amateur prospector, and Mr. A.H. Manifold, a geologist. The Warman Property was explored and developed by Northair Mines Ltd. from 1972 to start of production in 1976. From 1976 to June 1982, the Northair Mines milled 345,700 tons yielding 166,582 ounces of gold and 845,846 ounces of silver with by-product production of copper, lead and zinc. Milling was suspended in June 1982 due to economic conditions with reserves as of February 28, 1982 reported at 67,236 tons averaging 0.25 oz Au/ton 0.77 oz/ton, 1.25% lead and 1.90% zinc.

Les IV and V claims were staked to cover of the C3A claim block. This claim block was previously own by McMahon Resources Ltd. and work conducted in 1984 identified favourable for precious and base metals mineralization Gambier Group rocks. Three copper molybdenum showings and a few gold anomalous zones gave been located on this property by Mr. Cukor (Ass. Rep. 12801 and 17063). In 1990 Doron Exploration Inc. located main showing and chip samples returned values as high as 6.87% Cu, 111.1ppm Au, and 332 ppm Mo over 1.0m.

3.0 GEOLOGY

3.1 REGIONAL GEOLOGY AND MINERALIZATION

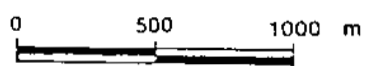
The property covers part of a deformed and recrystallized roof pendant that is confined within plutonic rocks of the Coast Plutonic Complex. The claims covers a mixed assemblage of igneous and metamorphic rocks that can be divided into: metavolcanic and metasedimentary rock that appears to be remnants of the Callaghan Roof Pendant, deformed and sheared, coarse to medium grained plutonic rocks of the Coast Plutonic Complex, undeformed felsic plutons and related dykes, Garibaldi Group mafic volcanic rocks. The geology of the area reflects periods of deformation and magmatism that accompanied the emplacement of the Coast Plutonic Complex. The rocks contain several mineral showings (Silver Tunnel, Main Zone, Tedi Pit, McKenzie Mill, Quartz Tunnel). Most are polymetallic, containing lead, zinc and silver with or without gold arsenic and tungsten. Some are pluton-related skarn occurrences. Others are structurally controlled and still others have aspects of volcanogenic massive sulphides.



LES CLAIMS

LEGEND

- di Dioritic complex
- qd Quartz diorite
- 21 Garibaldi group
- ↗ Foliation
- × Bedding



Princes Resources Ltd.		
Les Claims		
REGIONAL GEOLOGY MAP		
Scale: As shown	Date: June./1997	NTS. 92J/3E
LES DEMCZUK		Figure No. 3

3.2 PROPERTY GEOLOGY AND MINERALIZATION

The property occurs at the contact of the lower Cretaceous Gambier Group rocks with the Coastal intrusive complex (Fig. 4). The Gambier Group is made up by heterogeneous assemblage of andesitic volcanic rocks rhyodacite, agillite, greywacke and granite bearing conglomerates. Andesitic agglomerate of this group (unit 4) mostly present in the central south part of Les IV and V claim block. This rock is fine grained, dark grey-green, weathered on surface with the tufaceous matrix averaging 40% volume percent. Traces of pyrite were noted in this unit and contracts with rhyodacite are in most cases gradational.

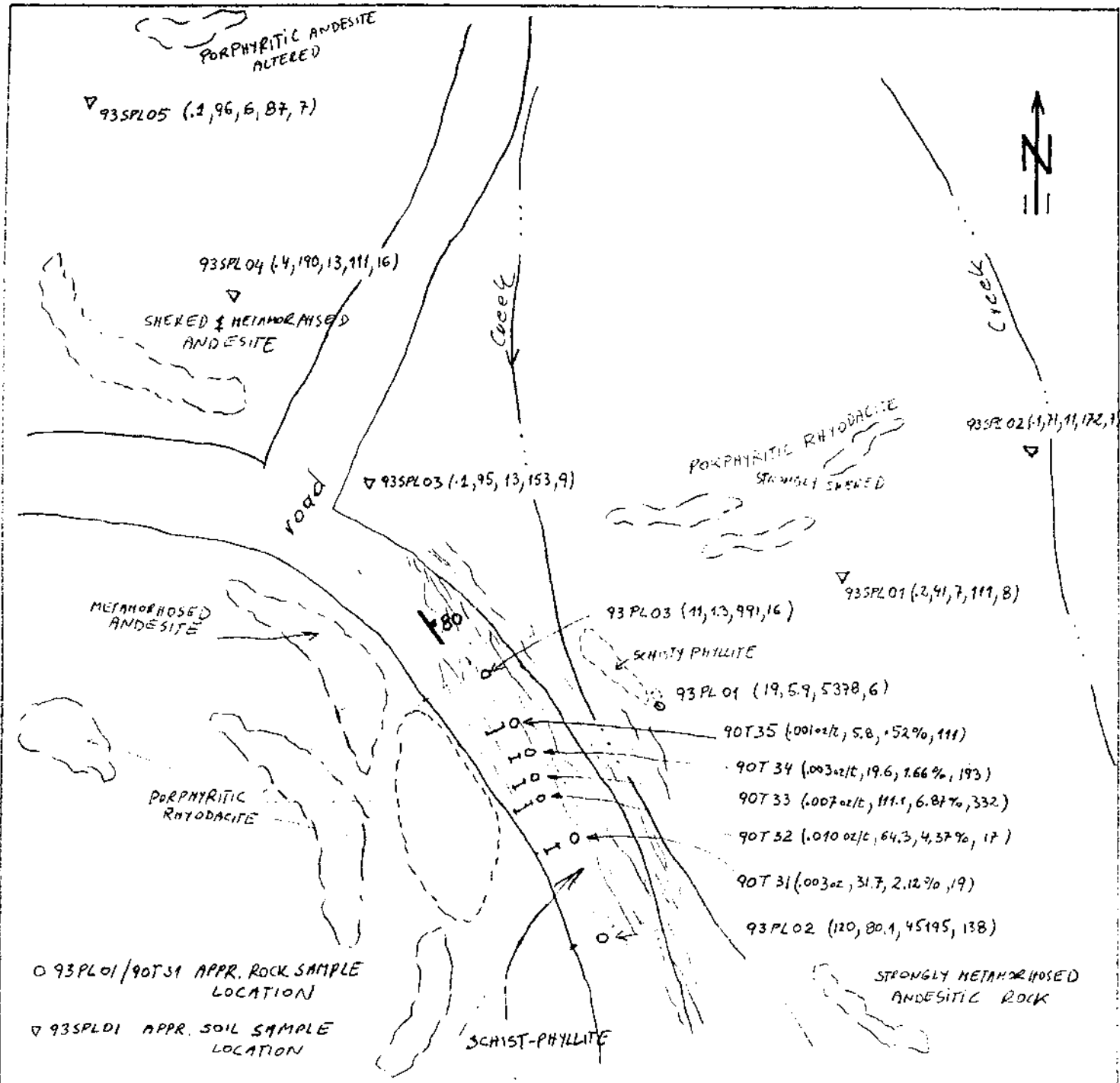
Strongly altered porphyritic rhyodacite rock (unit 3) was located in southern portion of Les IV and V claim and north-west corner of claim Les V. The rhyodacite of the Garibaldi group is grey to tan, fine grained. Phenocrysts of quartz, plagioclase, sanidine and biotite constitute about 50% of the rock.

The Coastal Complex (unit 1) in the central and northern portion of the property consists of diorite and predominantly quartz diorites. The diorite unit is fine to medium grained and pale to medium grey-green with an equigranular texture. Dioritic rocks in the area are reported to contain 45% plagioclase, 25% chlorite, 14% epidote, 8% quartz and the remainder accessory minerals.

The schist-phyllite chloritic unit (unit 2) located mainly in Les V claim, appears to be related to major shear or fault zones that cross the property with a number of northerly and northwesterly zones with mainly steep easterly dips.

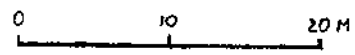
All rocks except the late stage silicious dikes have been subject to a low grade regional dynamothermal metamorphism of greenschist facies. Rocks within the shear zones have further undergone intense dynamic metamorphism causing remobilization of the sulphides and recrystallization. Outward from these areas the intensity of the silification decreases gradually from complete replacement to fine veinlets and stringers.

Mineralization on the property is associated with shear zones of quartz-carbonate veinlets.



GEOCHEMICAL RESULTS

0 93PL01	AU	Ag	Cu	Mo	
90T31	ppb	ppm	ppm	ppm	
▽ 93SPLO1	Ag	Cu	Pb	Zn	Mo
	ppb	ppm	ppm	ppm	ppm



Princes Resources Ltd.		
Les Claims		
GEOLOGY AND GEOCHEMISTRY OF THE MAIN SHOWING		
Scale: As Shown	Date: June./1993	NTS. 92J/3E
LES DEMCZUK		Figure No. 5

The main copper-silver mineral occurrence (Fig 5) on Les V claim consists of a 15 metre wide shear zone cutting an area of metamorphosed andesitic agglomerate. This zone can be traced for 25m along the old road. The volcanic within the zone are highly sheared and schistose. The zone strikes approximately 320° and dips steeply to the east. Mineralization consists of disseminated and stockwork chalcopyrite, pyrite, bornite, malachite. Sulphide rich layers are intercalated with the phyllite-schist in places forming laminae basically composed of massive sulphide (chalcopyrite, pyrite). The highest chip sample from 1990 program ran 6.87% Cu, 111.1ppm Ag, 332ppm Mo over 1.0 metre. Grab samples from 1993 were taken to test extension of the showing and ran 45195 ppm Cu, 80.1 ppm Ag, 120 ppb Au and 136 ppm Mo.

Number of narrow quartz veins were located in the northern portion of Les IV claim (Fig 4). The density of the veinlets varies widely but not enough to call it a stockwork. These strike in northwesterly direction and dip at a shallow angle to southwest.

3.3 GEOCHEMICAL PROGRAM

The geochemical program consisted of 9 rock and 13 soil samples. All samples were analyzed in Acme Analytical Labs in Vancouver, B.C. by 5 element ICP (Ag, Cu, Pb, Mo, Zn) additional rock samples were analyzed for gold by atomic absorption. Rock sample descriptions are presented in Appendix I, certificates of analysis for rocks and soils are included in Appendix II. Analytical results for Au, Ag, Cu, Mo, Pb and Zn are plotted on Figure 4 and 5.

G O L D

Gold values in the initial 9 rock samples varies from 1 to 580 ppb with 5 samples over 20 considered anomalous. The strongest gold response of 580 and 100 ppb was obtained from the northwest corner of the property and is associated with weak quartz-carbonate stockwork. Strongly anomalous gold value of 130 ppb is associated with copper-silver molybdenum mineralization and it was obtained from main showing.

S I L V E R

Silver values in the initial 31 samples varies from .1 to 80.1ppm. Only four rock samples with values over 1.0 ppm are considered anomalous. Anomalous silver values are related with anomalous copper, gold, and molybdenum in southern part of the property and with gold, lead, zinc in the northwest corner.

C O P P E R

Copper valued varies from 10 to 45195 ppm. Except three strongly anomalous rock samples from main showing, copper values in rocks are insignificant. There are seven soil samples exceeding 80 ppm and are considered anomalous. The higher copper value from soil sample was 323 ppm.

L E A D

The lead values are generally very low and range from 2 to 755 ppm. There is only one exceptional strongly anomalous rock sample 93PL09-755 ppm associated with base metal-gold anomaly in the northwest corner of the property.

Z I N C

Zinc values varies from 1 to 331 ppm. Only one value in rock and two in soil samples exceeding 150 ppm and are considered anomalous.

M O L Y B D E N U M

Molybdenum values in the initial 31 samples varies from 1 to 138 ppm with values over 10 ppm considered anomalous. There is only one strongly anomalous rock and two soil samples.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The Les property lies in the similar geological setting to the adjacent Northair Mines Ltd. and is surrounded by well known precious and base metal prospects.

Presently La Rock Mining Corporation is developing ore reserves (Au, Ag, Pb, Zn) on the Brandywine property (approx. 5km west from Les claims).


The 1993 exploration program outlined two areas of potential significant mineralization:

1. precious-base metal mineralization associated with qtz-carbonate stockwork in northwestern portion of the Les property.
2. Silver-copper-molybdenum mineralization over considerable length and width in shear zone in the southern portion of the property.

Base on the positive results from this program further work is warranted and strongly recommended.

The phase 1 exploration program should include surveying exact location of silver-copper showing because the claims are located close to boundary of Whistler., grid establishment detailed geological mapping, soil sampling, VLF-magnetometer survey, blasting and limited trenching over the best anomalies.

Recommendation for a phase 2 program should be made after evaluation of phase 1 results and should include trenching and exploration drilling program over the best targets to define the source and extent of mineralized or anomalous zones.

Respectfully,

 L. Demczuk, P. Geo.
 June 5, 1993

5.0 REFERENCES

- Basil, c. 1988. Geophysical Report in the Discovery 2 and Discovery 4 claims in the Vancouver Mining Division, for Hadley Resources Inc. dated July 22, 1988.
- Christopher, P.A. 1988 Geochemical Geological and geophysical Assessment report on the Discovery Claim Group.
- Demczuk, L. and Cuttle, J. 1987 Geological and geochemical Report on the Discovery I and Discovery II claim Group, dated October 1987.
- Demczuk, L. 1990 Geological and Geochemical Assessment Report on the Les Claim Group.
- Dickson, M.P. and McLeod, D. A. 1975. Northair Mines: Grass roots to Senior Financing. Cdn. Min. Jour., April, pp 79-82.
- Little, L.M., 1974. The Geology and Mineralogy of the Brandywine Property Lead-Zinc Silver Deposit, Southwest British Columbia. Dept. of Geological Sciences, Vancouver.
- Mathews, W.H. 1958. Geology of the Mount Garibaldi Map-Area Southwest British Columbia Canada. Geol. Soc. Amer. Bull., Vol. 69, No. 2, pp. 161-178.
- Miller, J.H.L. and Sinclair, A.J., 1979. Geology of an Area Including Northair Mines Ltd. Callaghan Creek Property. B.C. Min. Energy, Mines and Pet. Res., Geological Fieldwork 1978, Paper 1979-1, pp. 124-131.
- Pearson, D.E., 1973, Warman-Edwards, H.R., and Sutherland Brown, A., 1978. An Analysis on Mineral Occurrences in British Columbia. B.C. Ministry of Mines & Pet. Res., Bull 68.

A P P E N D I X I

ROCK SAMPLE DESCRIPTION

SAMPLE #	TYPE	DESCRIPTION
93PL	Grab	Grey-green-silvery schisty metavolcanic with weak malachite stain and tr. of diss. chalcopryite
93PL02	Grab	Silver-grey schist with quartz-carbonate veins diss. pyrite, chalcopryite and malachite stain.
93PL03	Grab	Silvery-grey schist with weak qtz. carbonate veining and tr. of pyrite, chalcopryite and weak malachite stain.
93PL04	Grab	0.2-0.3 m wide milky qtz vein. occ. brecciated and rusty on surface
93PL05	Grab	Narrow rusty qtz vein with tr. of sulphide in silvery-grey schist
93PL06	Grab	Stockwork of narrow qtz-carbonate veins rusty on surface in granodiorite.
93PL07	Grab	0.2-0.3 m wide rusty qtz. vein with tr. of pyrite.
93PL08	Grab	Weak qtz-carbonate stockwork rusty on surface in altered granodiorite.
93PL09	Grab	Strongly brecciated narrow qtz. vein with diss. sulphide in rusty altered intrusive rock.

A P P E N D I X I I



GEOCHEMICAL ANALYSIS CERTIFICATE



Les Demczuk File # 93-0961 Page 1

1835 East 13th Ave., Vancouver B.C. V5N 2B9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm
93 SPL 01	8	41	7	111	.2
93 SPL 02	8	73	10	176	<.1
RE 93 SPL 02	7	71	11	172	.1
93 SPL 03	9	95	13	153	<.1
93 SPL 04	16	190	13	111	.4
93 SPL 05	7	96	6	87	.1
93 SPL 06	7	144	5	94	.2
93 SPL 07	18	321	7	60	.2
93 SPL 08	1	15	13	45	<.1
93 SPL 09	3	54	6	100	.2
93 SPL 10	31	323	30	174	.2
93 SPL 11	1	30	5	89	.1
93 SPL 12	6	198	9	129	.1
STANDARD C	18	59	38	127	7.1

ICP - .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 MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.

ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB

- SAMPLE TYPE: P1 SOIL P2 ROCK Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: MAY 26 1993

DATE REPORT MAILED:

June 5/93

SIGNED BY: D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au* ppb
93 PL 01	6	5378	9	97	5.9	19
93 PL 02	138	45195	36	139	80.1	120
93 PL 03	16	991	<2	74	1.3	11
93 PL 04	2	31	<2	11	.1	1
93 PL 05	3	78	<2	7	<.1	1
93 PL 06	2	29	<2	2	.3	49
93 PL 07	3	16	4	<1	<.1	37
RE 93 PL 07	3	16	<2	4	<.1	41
93 PL 08	4	17	<2	<1	.8	580
93 PL 09	2	332	755	331	6.5	100
STANDARD C/AU-R	19	61	39	129	7.6	510

Sample type: ROCK. Samples beginning 'RE' are duplicate samples.

AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

*Assay recommended for Cu > 1%
Ag > 20 ppm.*

GEOCHEMICAL/ASSAY CERTIFICATE

Les Demezuk File # 90-2130
 1835-13th Ave, Vancouver BC V5N 2B9

SAMPLE#	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	U	Au**	Cu	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb	%	oz/t
90 T 31	19	25374	13	134	31.7	9	6	895	2.66	2	5	ND	3	35	2.5	2	29	10	.59	.053	4	11	.76	90	.06	2	.85	.03	.17	1	-	2.12	.003
90 T 32	17	48640	44	141	64.3	5	5	846	4.25	6	5	3	3	83	5.8	2	52	5	1.49	.041	5	10	.50	24	.05	2	.64	.04	.18	1	-	4.37	.010
90 T 33	332	72710	37	167	111.1	2	5	394	6.30	6	5	5	5	31	8.4	4	65	3	.62	.031	4	7	.17	46	.03	7	.34	.01	.15	1	-	6.87	.007
90 T 34	193	19827	28	96	19.6	4	5	611	3.11	2	5	ND	9	59	2.9	2	21	7	.64	.036	4	5	.35	78	.04	2	.59	.02	.23	5	-	1.66	.003
90 T 35	111	6338	23	55	5.8	3	3	657	1.22	2	5	ND	11	48	.9	2	5	6	.23	.022	11	6	.28	94	.04	2	.52	.04	.18	1	-	.52	.001
90 T 41	45	858	4	65	1.6	5	27	489	4.82	5	5	ND	4	21	.2	2	2	6	.07	.023	5	8	.65	41	.01	4	.74	.02	.11	1	3	-	-
90 T 42	5	105	2	13	.1	8	1	195	.53	2	5	ND	1	2	.2	2	2	1	.01	.002	2	10	.19	16	.01	2	.24	.01	.01	1	3	-	-
90 T 44	15	117	2	35	.1	2	2	229	1.42	2	5	ND	5	30	.2	2	2	8	.16	.038	2	7	.53	36	.05	2	.64	.04	.07	1	8	-	-
STANDARD C	18	56	40	130	7.2	67	31	1018	3.86	37	17	7	36	51	18.6	15	19	56	.49	.095	37	58	.87	178	.08	34	1.81	.06	.14	12	-	-	-

ICP - .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 MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. AU** (PPB) ANALYSIS BY FA/ICP FROM 10 GM SAMPLE. AU** (OZ/T) BY FIRE ASSAY FROM 1 A.T.
 - SAMPLE TYPE: Rock

DATE RECEIVED: JUN 29 1990 DATE REPORT MAILED: *July 7/90* SIGNED BY: *C. Leong* .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED

A P P E N D I X I I I

STATEMENT OF COSTS

LES IV - V

MAY 9, 14, 15, 1993

PERSONNEL

L. Demczuk M.Sc., P.Geo.	3 Days	@	\$350	\$	1050.00
C. Baldys M.Sc., P.Eng	1 Day	@	\$400	\$	400.00
B. Ablay Prosp./Asst.	2 Days	@	\$200	\$	400.00
Truck 4X4 Rental	3 Days	@	\$ 75	\$	225.00
Meals, Gas	3 Days	@	\$ 60	\$	180.00
Field Supplies				\$	175.00
Geochemistry				\$	178.15
Report (writing, typing, drafting, copy)				\$	400.00
				Total -	\$ 3,008.15

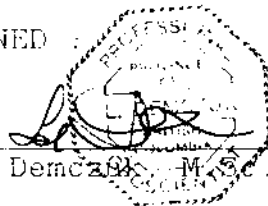
A P P E N D I X I V

STATEMENT OF QUALIFICATION

I, Les Demczuk, of the city of Vancouver, Province of British Columbia so hereby certify that:

1. I am a Mining Geological Engineer residing at 1835 E. 13th Ave. Vancouver B.C.
2. I graduated from University of Mining and Metallurgy, Krakow, Poland in 1977 with Master of Science degree in Geology.
3. I have worked in mineral and coal exploration since 1977 and have practiced my profession since 1977.
4. I am a Professional Geologist registered with the Association of Professional Engineers and Geoscientists of British Columbia.
5. This report is based upon field work carried out by myself and a review of published and privately held literature pertaining to the claim area.

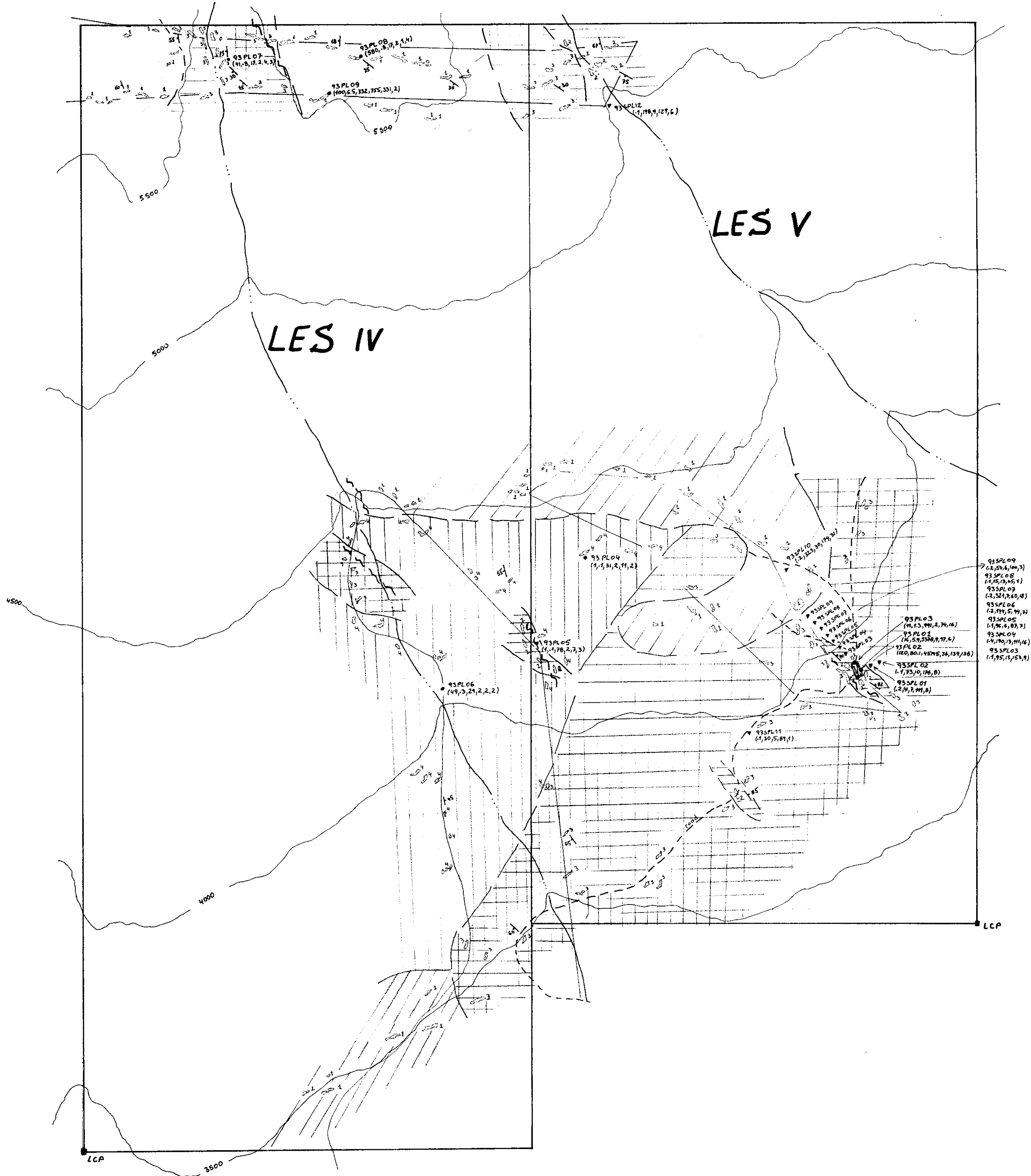
SIGNED :



Les Demczuk, M.Sc., P. Geol.

JUNE 5 1983

1



LEGEND

- ROAD
- CREEK
- GEOLOGICAL CONTACT
- TRAVERSE
- ~ FAULT OR SHEAR ZONE
- OUTCROP
- ▬ BEDDING
- ▬ FOLIATION
- MASSIVE SULPHIDE
- 93PL03 APPR. ROCK SAMPLE LOCATION
- ▼ 93SPL03 APPR. SOIL SAMPLE LOCATION

GEOCHEMICAL RESULTS

● 93PL03	AU	AG	CU	PB	ZN	MO
	ppb	ppm	ppm	ppm	ppm	ppm
	(11)	(13)	(991)	(2)	(74)	(16)
▼ 93SPL03	AG	CU	PB	ZN	MO	
	ppm	ppm	ppm	ppm	ppm	
	(-)	(95)	(13)	(153)	(9)	

ROCK UNITS

- 1 QUARTZ-DIORITE
- 2 SCHIST - PHYLITE
- 3 PORPHYRITIC RHYODACITE
- 4 ANDESITIC AGGLOMERATE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,923

100 50 0 100 200 300 METERS

PRINCES RESOURCES LTD		
LES CLAIMS		
GEOLOGY AND GEOCHEMISTRY MAP		
SCALE: 1:5,000	DATE: JUNE 1993	N.T.S.: 921/3E
LES DEMCZUK		FIGURE No: 4