BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	1998/99
REPORT #:	PAP 98-14
NAME:	PETER NEWMAN

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)

B. TECHNICAL REPORT

- One technical report to be completed for each project area.
- **Refer to Program Requirements/Regulations 15 to 17, page 6.**
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name PETER NEWMAN Reference Number 98/99 - P23.

LOCATION/COMMODITIES

Project Area (as listed in Part A) SURROUNDING SKUMAKUM CLAIMS + AREA MINFILE No. if applicable —

Location of Project Area NTS 92J/10E, 11E. Lat 50°37' Long 123°00'

Description of Location and Access BETWEEN 25K AND 34K ON THE HURLEY RIVER ROAD AND THE AREA AROUND 10K ON THE HOPE CREEK FOREST SERVICE ROAD, ACCESED @ 34K ON THE HURLEY ROAD.

Main Commodities Searched For AU, Ag, CU, ZN, Pb.

Known Mineral Occurrences in Project Area 5 ~~EE~~ VMS TYPE SHOWINGS DISCOVERED IN 1997.

WORK PERFORMED

1. Conventional Prospecting (area) APPROXIMATLY 2000 HECTARES
2. Geological Mapping (hectares/scale) 75 HECTARES.
3. Geochemical (type and no. of samples) 27 MULTI ELEMENT ROCK GEOCHEMS + 1 SOIL.
4. Geophysical (type and line km)
5. Physical Work (type and amount) HAND TRENCHING ON SEVEN TRENCHES 8 CUBIC METERS REMOVED.
6. Drilling (no. holes, size, depth in m, total m)
7. Other (specify)

SIGNIFICANT RESULTS

Commodities AU, Ag, CU, ZN, Pb Claim Name SKUMAKUM,

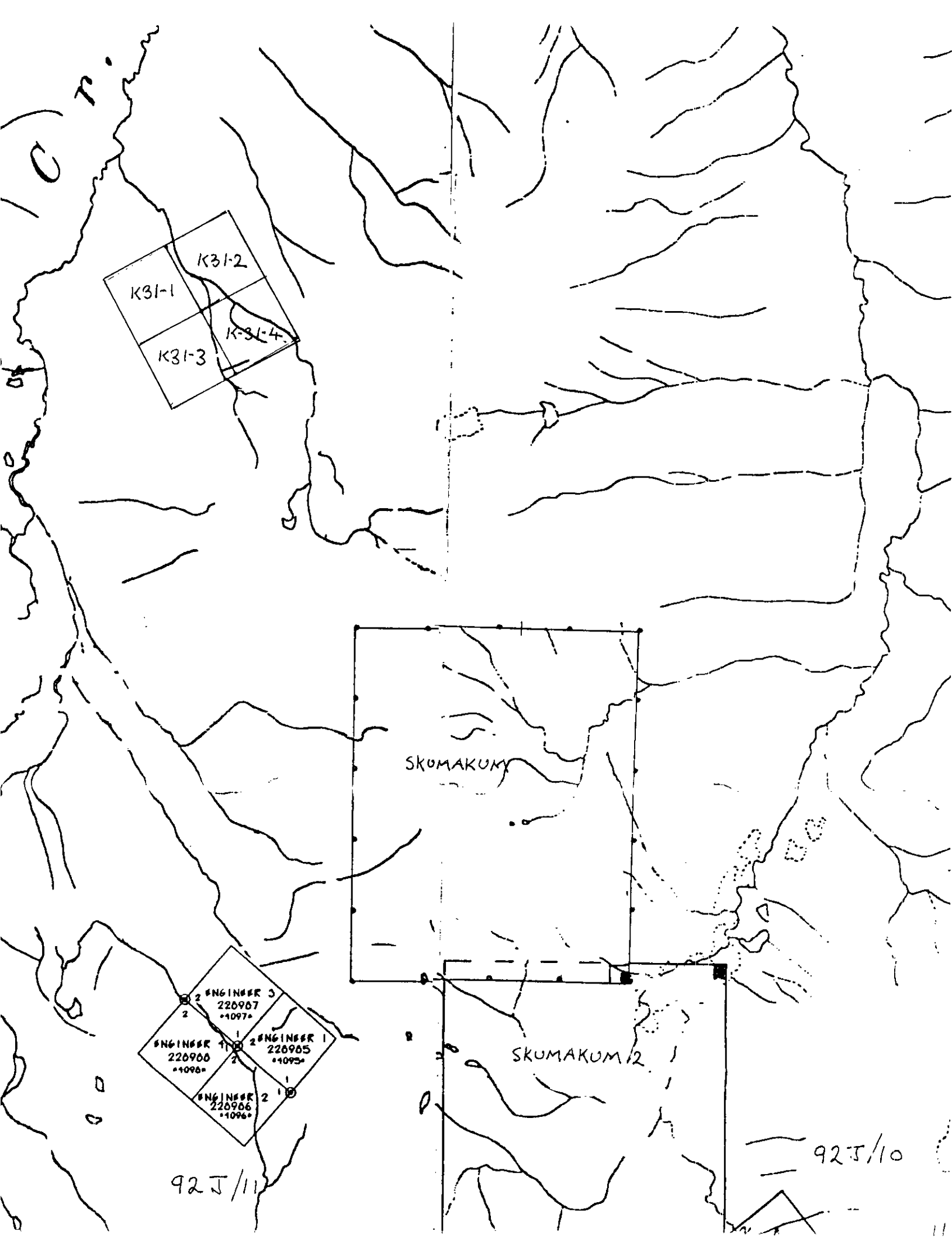
Location (show on map) Lat 50°37 Long 123°00 Elevation 1981M.

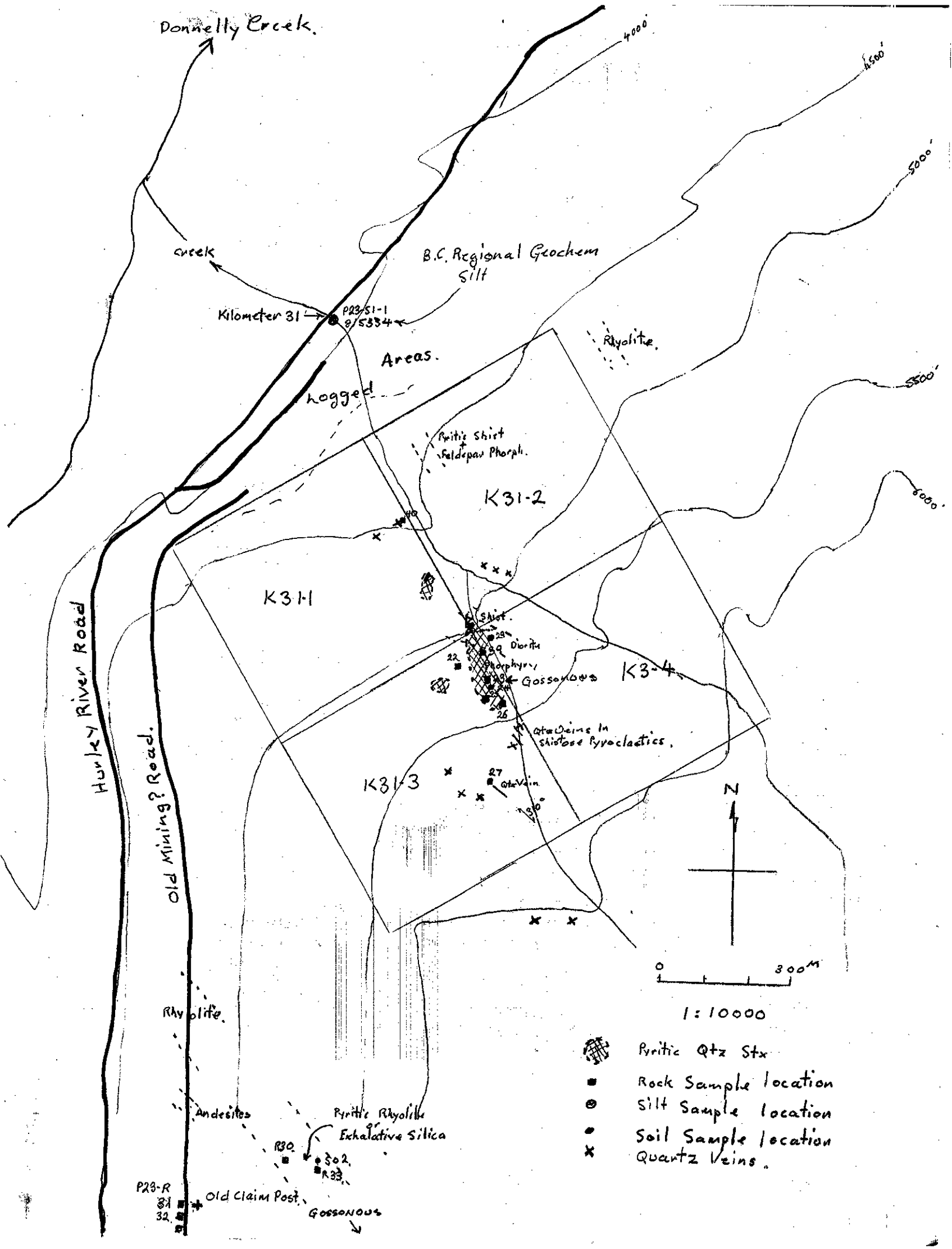
Best assay/sample type ROCK, PICKED GRAB SAMPLE FROM BEDROCK, 25 ppb Au, 12.5 g/T Ag, 4.6% CU, 131 ppm Pb, 76 ppm Zn.

Description of mineralization, host rocks, anomalies VMS TYPE, MASSIVE, SEMI MASSIVE SULPHIDES PLUS DISSEMINATIONS OF AU, Ag, CU, ZN, Pb. IN 8 SHOWINGS OVER A STRIKE LENGTH OF 2 KILOMETERS HOSTED BY SHISTOSE ANDESITES, FELSIC, ACIDIC, LOCALY SILICOUS, PROPYLATIZED PYROCLASTICS, ON THE SKUMAKUM CLAIM K31 AREA, MASSIVE PODDY PYRITE + ANOMALOUS AU IN A QUARTZ STOCKWORK SWARM SITUATION HOSTED BY INTRUSIVES AND PORPHYRY LOCALY ALTERED TO CLAY AND SERICITE

Supporting data must be submitted with this TECHNICAL REPORT

Information on this form is confidential for one year from the date of receipt subject to the provisions of the *Freedom of Information Act*.


K31-2
K31-1
K-31-4
K31-3
SKUMAKUM
SKUMAKUM 2
ENGINEER 3
226987
1097
ENGINEER 1
226985
1095
ENGINEER 1
226988
1098
ENGINEER 2
226986
1096
92 J/11
92 J/10


Donnelly Creek.
4000'
4500'
5000'
5500'
6000'
creek
B.C. Regional Geochem Silt
Kilometer 31
P23/S1-1 8/5334
Areas.
logged
Rhyolite.
Pyritic Shist Feldspar Phorph.
K31-2
K31-1
K31-3
K3-4
Hurley River Road
Old Mining? Road.
Shist.
Diorite
Porphyry
Gossonous
Qtz Veins in shistose Pyroclastics.
Qtz Vein
N
0
300m
1:10000
Rhyolite.
Andesites
Pyritic Rhyolite Exhalative Silica
R30
S02
R33
P23-R
S1
S2
Old Claim Post.
Gossonous
Pyritic Qtz Stx
Rock Sample location
Silt Sample location
Soil Sample location
Quartz Veins.

Peter Newman ① Sep 98

Prospecting Report Ref # 98/99-P23.

This years work was primerily centered in and around the Skomakom claims staked in 1997 to cover new showings located in 1997.
The showings of disseminated, semi-massive to massive sulphides are hosted by greenstone andesites, acidic pyroclastics with associated rhyolitic rocks set in a Triassic island wk volcanic setting.
Three new showings along with the scource location of a float showing from last yea were located within the claim boundarys.
Further prospecting and trenching in the area around showing # 2 gave a width of 2.7m and a length of at least 10m with a vetical dip.
Another showing 73m along strike to the south-east is probably related? along with two other smaller showings in this area. Samples P23-R-3,4,5,6.
Showings 3 + 4 were also worked on, with a small trench, and an open cut, which determined that the showings are connected giving the showing area a length of 53m open both ends and a width of around 2.5m with a steeply dipping plunge.
Host rocks here are reletively unaltered acidic-fragmentals
Prospecting located three more showing areas approximatly 100m N.E. of zone 3+4 which would be up section!
These showings # 6, 7, & are hosted by basicaly the same rock types, but have had a limited amount

sampling etc, and requeire trenching and more sampling, to assess them bette.
A massive sulphide exposure 5m west of showing #4 as good chalcopyrite along with pyrite with some spots probably grading 20-25% Cu. This exposure needs more trenching to determine its size, but it will probably? be limited in size
Host rocks here are a well developed pyroclastic.
In general these showings differ somewhat in that they are more Fe oxide rich (magnetite)
Samples P23-R-7, 8, 20, 36, 38, are from these zones.
All the zones discussed above are within an area 250m × 500m and rocks are generally gossonous (due to pyrite) and range from acidic-fragmentals to pyritic qtz-sericite schists with rhyolite and rhyolite phorphyry sills.
500m south of this area a thick > 25m section of ferrogenous-exhalative silica (chert) outcrops in gossonous bluffs, mainly pyritic! but a little Cu, Zn, was noted here, samples P23-R-17, 18 - R18 ran 138 ppb Au.
Float boulders located last year, in a gossonous-quartz-sericite schist area at the northern end of this property ran up to 1.1% copper.
Detailed prospecting this year located the source area of this float at around 6500'
Disseminated and stringer chalcopyrite with lesser covelite and bornite is tracable over 100m but widths are difficult to determine! but are over 5m and

could be as much as 15m at one location, with varying degrees of mineralization!
Host rocks are a steeply dipping (65°-85°) silicous propylatized - pyroclastic. No carbonate, mallachite - Azurite was noted anywhere?
Picked grab samples ran up to 4.6% Cu with 12.5 g/T Ag and 25 ppb Au. A random chip sample over an area approx 10-15 square metres ran 0.69% Cu 3.6 g/T Ag and 223 ppm Zn.
Another sample from this same general area ran 0.13% Zn.
Mineralized float in this general area suggests more in situ copper mineralization other than the showing area should outcrop. more detailed prospecting should determine this.
An airborne geophysical survey of the area of the present claims and surroundings, be Teck Corp flown in 1990, detected a 600m long HEM conductor.
The conductor is located in the same general area as the above mentioned copper mineralization!
This mineralization could be a surficial expression of a deeper seated conductor?
Rock types in the overall area mentioned above go from mega - breccia through pyroclastics to quartz - sericite schists, all rock types are pyritic - especialy the schists.

Numerous other gossonous zones, (due to pyrite) with a trace chalcopyrite here and there occur throughout the property and really need more rock geochems to determine background Cu, Zn, Au, Ag values.

Some well developed quartz-veins-breccias do occur on the property at higher elevations, running up to 1.5m wide and conforming with the stratigraphy.

One vein looked at had patchy semi-massive pyrite!

A rock sample from several kilometers south-east of the property, from an outcrop of schistose andesite with a narrow shear with silica + py and sphalerite ran 328 ppb Au 1 g/t Ag 215 ppm Cu and 0.9% Zn 36 ppm Pb

Stratigraphicly this would be on strike from the property, but outcrops are limited due to valley bottom tills.

However this area should be looked at more thoroughly in future.

K31 Area

The other area prospected this year was stratigraphically along strike, 3 k to the north-west at around Kilometre 31 on the Hurley-River road.

A sizable creek draining this area is anomalous for Au! with a B.C. Regional geochem survey sample # 815334 having a value of 55-67 ppb Au and 125 ppm Zn.

The drainage was prospected thouroughly and at around 5000' elevation a gossonous area turned out to be a strong-well developed quartz-stockwork swarm situation.

The quartz is well mineralized with large pods of massive pyrite - creating the gosson, and appears to be mesothermal.

The veins range in size from a few centimetres up to about a meter and can be found over an extensive area in varying degrees of intensity.

The predominant trend of the veining appears to be flat lying! but smaller veining trend in every direction.

Host rocks are a competent, medium to fine grained monzonite-diorite with felsic phorphyrys, sitting in sill like fashion, striking NW and dipping vertically.

31 Area.
teration in the areas of the veining, ranges from
hloritic to clay argillic? to sericitic on the boundarys of
the veins.
of six samples assayed so far! four had above
ackground Au and two ran 238 & 204 ppb Au.
Due to the extensive area of stockwork veining in this
rea (700m x 300m so far determined) veining is more
intense in some areas than others! numerous rock
geochems would be required to determine where
the gold is concentrating!
Four units of two-post claims were staked to cover
the ~~en~~ area of interest here!
1.5 K to the south-west from the centre of these claims,
what appears to be a disused old mining road
parallels the Horley River road at a higher elevation,
an old piece of drill-rod? was noticed on this
road!
Also an old claim-post dated 1972 confirmes this area
was staked back-then has the Horley claims but
no further information is available on these claims!
Large > 1m diameter boulders along this road have bands
of massive pyrite, and a sample from these ran
57 ppb Au, 1.1 ppm Ag, 152 ppm Cu, 85 ppm Zn and 282 ppm Mo.
also rocks in the area, at higher elevations are
very pyritic - silicous rhyolites? and or ferrogenous
exhalatives? creating areas of extensive gossonous
zones.

Skomakum Sample Descriptions.

Sample #	Location	Description	Results. Au/ppb	Ag/g/T.	Cu	Zn	Pb.
P23-R-1	Skomakum Zone 1	3^m Chip across pyritic andesite + epidote					
P23-R-2	" "	2.4^m Chip continous from above - sericite schist + Py, Zn, Cu.					
P23-R-3	Skomakum Zone 2. Tr 2	Grab of massive pyrite	35	4.5	1890ppm	447ppm	124ppm.
P23-R-4	" " Tr 1	Grab, mafic volcanic + py & mallachite + mng	13	1.4	1376ppm	948ppm	14 ppm
P23-R-5	" " "	2.7^m Chip across semi to massive sulphides	32	6.9	3142ppm	967ppm	41 ppm
P23-R-6	Tr 3	Grab of semi-massive py + silica	7	<2	61 ppm	95 ppm	6 ppm
P23-R-7	Skomakum Zone 6	Grab of massive mgnt + chalco + pyrite. from 1^m wide zone	9	0.8	763ppm	83ppm	13 ppm
P23-R-35	" "	Grab from 2^m wide zone 50^m north of above sample with mgnt + py.					
P23-R-8	Skomakum Zone 7	Grab of leeched vuggy silica + py & mgnt.	13	0.6	68ppm	8 ppm	67ppm
P23-R-36	" "	Grab from poddy irregular showing of mainly leeched silica					
P23-R-38	" "	Grab of massive pyrite + chalcopyrite with lesser covellite, 5^m west of above sample > 20% Cu in some locations.					
P23-R-20	Skomakum Zone 8	Grab from poddy irregular sulphide-oxide showing with leeched silica.	24	0.5	178ppm	77ppm	10 ppm.

Skomakom Samples.

Sample #	Location	Description	Results. Au/ppb	Ag/g/T	Cu	Zn	Pb.
P23-R-9	Skomakom Zone 3+4.	2M Chip across sulphide showing with py, cp, mgnt	13	3.1	5241ppm	89ppm	30ppm.
P23-R-10	" "	Grab of local float of andesite with quartz-veining + py & chalcopyrite.	13	8.5	1.8%	75ppm	67ppm
P23-R-11	" "	Random chips over 1.5M with mgnt, py, chalco with mallachite.	<5	2.1	5549ppm	82ppm	26 ppm.
P23-R-12	Skomakom HEM. Zone 5.	Grab from bedrock - silicous - propylization - pyroclastic.	8	<.2	160ppm	1348ppm	7 ppm.
P23-R-13	" "	Local float - propylitic pyroclastic.	7	2.7	4290ppm	189ppm	22 ppm.
P23-R-14	" "	Random chips from rock-face over an area approximatly 10-15 square metres	9	3.6	6897ppm	223ppm	32 ppm.
P23-R-15	" "	Random chips from glacially rounded outcrop with chalcopyrite	13	9.6	4%	84ppm	148ppm.
P23-R-16	" "	Grab from bedrock propylitic fragmental with chalco, + lesser covelite and bornite	14	5.9	1.5%	79ppm	59ppm.
P23-R-19	" "	Picked grab from bedrock - propyilaticed - fragmental with chalco, covelite, bornite 5m along strike from P23-R-15.	25	12.5	4.6%	76ppm	131ppm.
P23-R-37	" "	Grab from bedrock of felsic - pyroclastic with fine grnd py, minor chalco + zn or covelite?					

Skomakum Sample Descriptions			Results				
Sample #	Location	Description	Au/ppb.	Ag/g/t.	Cu	Zn	Pb.
P23-R-17	Skomakum	Random chips from propylitic schistose outcrop with semi-massive pyrite.	16	0.8	177ppm	146ppm	11 ppm
P23-R-18.	" "	Random chips from outcrop of exhalative-silica + fine grnd py and local zoisite?- or rhodochrosite.	138	0.5	69ppm	179ppm	88ppm.
P23-R-21	South East of Property.	Grab sample from outcrop of pyritic rhyolite.	9	0.2	114ppm	50ppm	5ppm.
P6-R-36	" "	Grab from outcrop of schistose andesite-narrow-shear! with py + zn + silica	328	1.0	215ppm	8797ppm	36ppm.
P6-R-37	" "	Grab from bedrock - silicous pyritic altered intrusive	<5	<.2	5ppm	99ppm	5ppm.
P23-R-34	Skomakum	Grab from bedrock of quartz-sericite schist - 5m wide zone (exposed) pyritic + minor chalco.					
P23-R-41	" "	Grab from quartz-vein breccia up to 1.5m wide with patches of massive pyrite.					
P6-SO-23	" "	Soil sample of glacial till from valley bottom	7	<.2	24ppm	63ppm	10ppm

K31 - Area Sample Descriptions

Sample #	Location	Description	Results				
			Au/ppb	Ag/g/T	Cu ppm	Zn ppm	Pb ppm
P23-R-22	K31-Claim	Mesothemal quartz-float + 40% gobby pyrite.	39	0.3	6	8	3
P23-R-23	" "	Grab from outcrop - rusty pyritic quartz stx.	238	1.0	3	22	6
P23-R-24	" "	Grab from narrow < 5cm quartz veins + py + cu	204	0.6	185	70	4
P23-R-25	" "	Grab from outcrop - silicous rusty vuggy shear					
P23-R-26	" "	Random chips from qtz-swarm in a felsic phorphyry.					
P23-R-27	" "	Grab from quartz-vein around 50cm wide	<5	<.2	72	4	2.
P23-R-28	" "	Grab of Local float - rusty pyritized quartz					
P23-R-29	" "	Random chips of pyritized qtz from stx-swarm	78	0.4	4	16	2
P23-R-30	S.W OF K31 Claim.	Grab from silicous pyritic schist float					
P23-R-31	" "	float boulder - semi-massive pyrite-chlorite schist					
P23-R-32	" "	Large float boulder with bands of massive py.	57	1.1	152	85	14.
P23-R-33	" "	Random grab of pyritic, rhyolite or? exhalative					
P23-R-39	K31-Claim	5" rough chip across rusty pyritic quartz stx in a altered phorphyry.					
P23-R-40	" "	Grab of rusty vuggy mesothemal quartz.					
P23-SO-2	" "	Reddish soil - same location as P23-R-33.					

Intertek Testing Services
Bondar Clegg

Intertek Testing Services
(ITS) Canada Ltd.
130 Pemberton Avenue
North Vancouver, BC V7P 2R5
Tel: (604) 985-0681
Fax: (604) 985-3278

MR. PETER NEWMAN
P.O. BOX 1313
MOUNT CURRIE, BC V0N 2K0

Invoice : V158967, Page 1

Date : 28-JUL-98

Report No: V98-01164.0
Project : P23
Reference:

10 Analyses of GOLD + 34EL PARTIAL	at $17.75	$ 177.50	$ 177.50

Silver	Aluminum
Arsenic	Barium
Bismuth	Calcium
Cadmium	Cobalt
Chromium	Copper
Iron	Gallium
Potassium	Lanthanum
Lithium	Magnesium
Manganese	Molybdenum
Sodium	Niobium
Nickel	Lead
Antimony	Scandium
Tin	Strontium
Tantalum	Tellurium
Titanium	Vanadium
Tungsten	Yttrium
Zinc	Zirconium
Gold	

Continued on next page

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ACCOUNTS DUE WHEN RENDERED

ITS Intertek Testing Services
Bondar Clegg

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(ITS) Canada Ltd.
130 Pemberton Avenue
North Vancouver, BC V7P 2R5
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MR. PETER NEWMAN
P.O. BOX 1313
MOUNT CURRIE, BC V0N 2K0

Invoice : V160077, Page 1

Date : 26-AUG-98

Report No: V98-01483.0
Project : P23
Reference:

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6 Analyses of GOLD + 34EL PARTIAL	at $17.75	$ 106.50	$ 106.50

Silver	Aluminum
Arsenic	Barium
Bismuth	Calcium
Cadmium	Cobalt
Chromium	Copper
Iron	Gallium
Potassium	Lanthanum
Lithium	Magnesium
Manganese	Molybdenum
Sodium	Niobium
Nickel	Lead
Antimony	Scandium
Tin	Strontium
Tantalum	Tellurium
Titanium	Vanadium
Tungsten	Yttrium
Zinc	Zirconium
Gold	

Sample Preparation			
6 Samples of CRUSH/SPLIT & PULV.	at $ 5.50	$ 33.00	
Subtotal		$ 33.00	$ 33.00
Miscellaneous Charges			
TAX GST #R100576693		$ 9.77	
Subtotal		$ 9.77	$ 9.77
	Invoice Total:		$ 149.27 Can.

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P23

Intertek Testing Services
Bondar Clegg

SKUMAKUM

Geochemical Lab Report

CLIENT: MR. PETER NEWMAN

PROJECT: P23

REPORT: V98-01002.0 (COMPLETE)

DATE RECEIVED: 30-JUN-98 DATE PRINTED: 10-JUL-98 PAGE 1 OF 3

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
P6 SO-23		7	<.2	24	10	63	12	7	11	<0.2	<5	6	<5	2.88	442	<10	40	10	57	<20	<20	3	2.75	0.90	0.78	0.06	0.09	26	6	5	11	<1	<5	<10	0.09	<1
P6 R36		328	1.0	215	36	8797	8	13	21	54.0	<5	228	<5	6.27	1140	11	21	104	32	<20	26	<1	1.43	1.07	0.79	<.01	0.23	3	3	3	4	<1	<5	<10	0.03	<1
P6 R37		<5	<.2	5	5	99	22	9	7	1.4	<5	<5	<5	2.97	303	<10	38	82	19	<20	<20	7	1.19	0.50	0.80	0.03	0.11	53	11	3	4	<1	<5	<10	0.07	<1
P23 R3		35	4.5	1890	124	447	226	7	57	1.0	<5	74	<5	>10.00	985	21	3	53	118	<20	<20	<1	1.47	1.00	0.32	<.01	0.04	26	3	4	2	<1	<5	<10	0.08	<1
P23 R4		13	1.4	1376	14	948	116	8	32	6.6	<5	21	<5	>10.00	2902	13	7	34	104	<20	<20	<1	2.27	1.40	1.01	<.01	0.12	24	3	6	1	<1	<5	<10	0.07	<1
P23 R5		32	6.9	3142	41	967	94	6	24	4.2	<5	37	<5	>10.00	2702	16	11	32	99	<20	<20	1	2.45	1.52	0.32	<.01	0.08	20	5	6	2	<1	6	<10	0.12	<1
P23 R6		7	<.2	61	6	95	20	5	6	<0.2	<5	132	<5	>10.00	1262	13	17	51	297	<20	<20	1	2.92	2.69	0.13	<.01	0.16	11	2	9	5	<1	10	<10	0.13	<1

Intertek Testing Services
Bondar Clegg

Geochemical Lab Report

CLIENT: MR. PETER NEWMAN

PROJECT: P23

REPORT: V98-01483.0 (COMPLETE)

DATE RECEIVED: 19-AUG-98 DATE PRINTED: 25-AUG-98

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM
P23 R22		39	0.3	6	3	8	7	26	21	<.2	<5	<5	<5	9.61	60	<10	6	236
P23 R23		238	1.0	3	6	22	12	22	29	<.2	<5	<5	<5	>10.00	259	<10	<1	231
P23 R24		204	0.6	185	4	70	7	11	7	<.2	<5	<5	<5	4.94	678	<10	71	138
P23 R27		<5	<.2	72	2	4	5	14	5	1.1	<5	226	9	0.97	35	<10	10	299
P23 R29		78	0.4	4	2	16	7	12	13	<.2	<5	<5	<5	2.22	163	<10	17	275
P23 R32		57	1.1	152	14	85	282	29	90	<.2	<5	44	<5	>10.00	618	<10	<1	124

SAMPLE NUMBER	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
P23 R22	<1	<20	<20	<1	0.15	0.04	0.08	0.03	0.03	3	<1	<2	5	<1	<5	<10	<.01	<1
P23 R23	<1	<20	<20	<1	0.34	0.02	0.30	0.06	0.07	7	4	<2	2	<1	<5	<10	<.01	<1
P23 R24	27	<20	<20	9	1.71	0.89	0.42	0.04	0.17	12	11	2	5	2	5	<10	<.01	<1
P23 R27	<1	<20	<20	<1	0.03	<.01	0.02	<.01	<.01	2	<1	<2	<1	<1	<5	<10	<.01	1
P23 R29	3	<20	<20	2	0.32	0.08	0.04	0.05	0.06	4	1	<2	<1	1	<5	<10	<.01	1
P23 R32	37	<20	<20	<1	1.34	0.71	0.67	<.01	0.04	31	5	<2	3	3	10	<10	0.10	<1

Intertek Testing Services
Bondar Clegg

SKUMAKUM

Geochemical Lab Report

CLIENT: MR. PETER NEWMAN

PROJECT: NONE GIVEN

REPORT: V98-01300.0 (COMPLETE)

DATE RECEIVED: 29-JUL-98 DATE PRINTED: 7-AUG-98 PAGE 1 OF 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	CuOL PCT	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
P23 R17		16	0.8	177		11	146	63	5	19	<.2	6	43	<5	>10.00	1450	<10	42	68	41	<20	<20	<1	3.03	1.29	.09	<.01	.20	6	3	<2	3	5	5	<10	0.10	4
P23 R18		138	0.5	69		88	179	6	9	10	0.5	<5	11	<5	4.47	1448	<10	7	102	75	<20	<20	2	1.61	1.17	.54	0.07	.02	23	7	<2	3	3	7	<10	0.18	6
P23 R19		25	12.5	>10000	4.6	131	76	3	6	29	<.2	<5	<5	<5	>10.00	684	<10	9	96	13	<20	<20	<1	1.25	0.80	.32	<.01	.01	21	2	<2	3	7	<5	<10	0.05	6
P23 R20		24	0.5	178		10	77	29	7	26	<.2	<5	16	<5	>10.00	1067	<10	3	48	39	<20	<20	8	2.34	1.70	.24	<.01	.02	18	6	<2	2	5	<5	<10	0.10	5
P23 R21		9	<0.2	114		5	50	2	4	7	<.2	<5	8	<5	3.67	281	<10	21	113	16	<20	<20	2	0.66	0.34	.26	0.14	.05	7	6	<2	3	1	6	<10	<.01	2

Intertek Testing Services
Bondar Clegg

SKUMAKUM

Geochemical Lab Report

CLIENT: MR. PETER NEWMAN

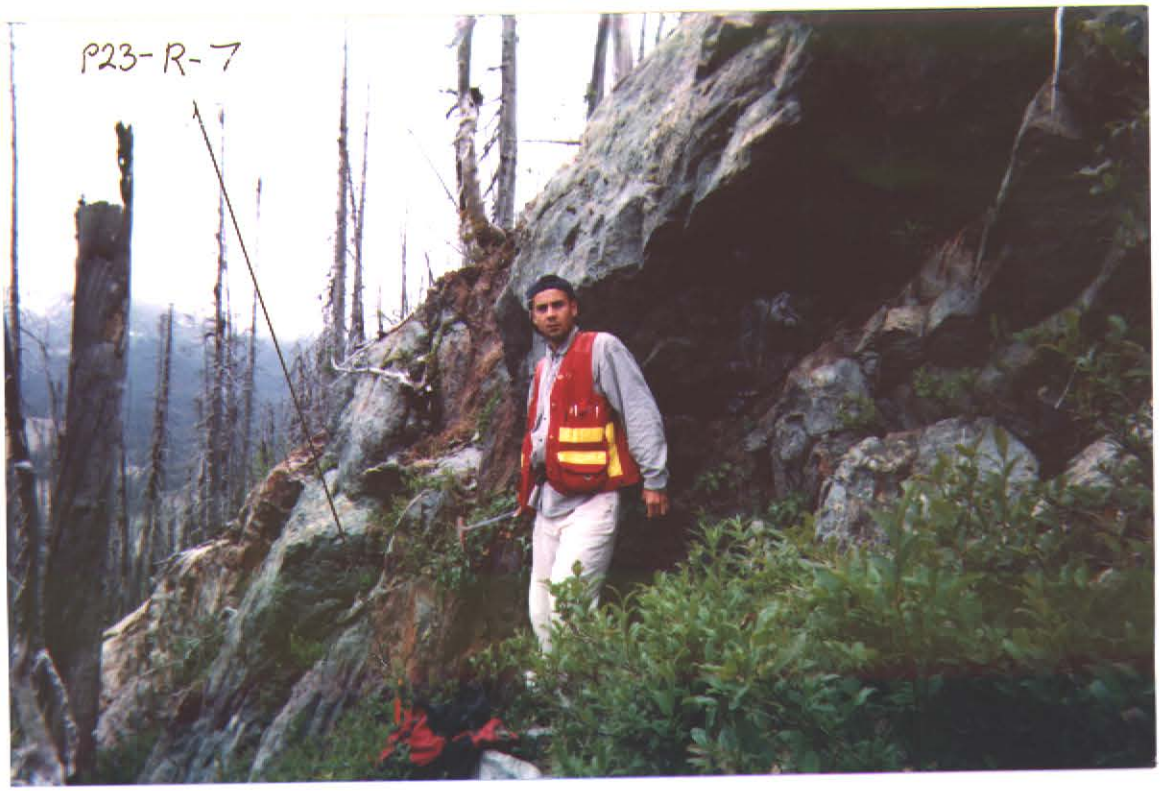
PROJECT: P23

REPORT: V98-01164.0 (COMPLETE)

DATE RECEIVED: 14-JUL-98 DATE PRINTED: 27-JUL-98 PAGE 1 OF 3

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	CuOL PCT	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
P23 R7		9	0.8	763		13	83	13	22	78	<0.2	<5	16	<5	>10.00	1239	<10	2	77	76	<20	<20	2	2.50	1.70	0.74	<.01	0.02	30	5	<2	4	<1	<5	<10	0.09	1
P23 R8		13	0.6	68		6	8	6	6	3	<0.2	<5	17	<5	5.37	128	<10	34	267	4	<20	<20	<1	0.09	0.07	0.06	<.01	<.01	1	<1	<2	<1	<1	<5	<10	<.01	<1
P23 R9		13	3.1	5241		30	89	21	8	23	<0.2	<5	16	<5	>10.00	1073	<10	15	74	30	<20	<20	<1	1.87	1.46	0.28	<.01	0.02	12	4	<2	3	<1	<5	<10	0.03	2
P23 R10		13	8.5	>10000	1.8	67	75	29	5	11	<0.2	215	<5	<5	9.24	1263	149	6	87	32	<20	<20	<1	3.09	1.49	1.60	<.01	<.01	95	4	<2	4	1	<5	<10	0.10	3
P23 R11		<5	2.1	5549		26	82	4	6	23	<0.2	<5	<5	<5	>10.00	2186	<10	130	70	26	<20	37	<1	0.71	1.11	1.71	0.01	0.01	17	5	<2	1	<1	<5	<10	0.02	<1
P23 R12		8	<.2	160		7	1348	4	13	30	10.8	<5	8	<5	8.41	1587	<10	13	92	66	<20	<20	<1	2.71	1.89	0.59	0.04	0.01	44	3	<2	6	1	5	<10	0.12	3
P23 R13		7	2.7	4290		22	189	4	5	34	<0.2	<5	<5	<5	9.95	1167	<10	89	70	16	<20	<20	<1	1.79	1.23	0.40	0.01	0.09	19	2	<2	4	<1	<5	<10	0.08	<1
P23 R14		9	3.6	6897		32	223	5	4	19	0.5	<5	12	<5	8.32	1285	<10	64	97	24	<20	<20	<1	1.78	1.28	0.23	0.02	0.05	14	3	<2	4	1	<5	<10	0.09	2
P23 R15		13	9.6	>10000	4.0	148	84	2	5	17	<0.2	<5	<5	<5	8.86	770	<10	31	71	16	<20	<20	<1	1.61	0.92	0.40	<.01	0.03	28	2	<2	4	2	<5	<10	0.08	4
P23 R16		14	5.9	>10000	1.5	59	79	5	9	19	<0.2	<5	<5	<5	5.53	897	<10	57	133	32	<20	<20	<1	1.83	1.04	0.75	<.01	0.03	54	4	<2	4	1	<5	<10	0.12	4

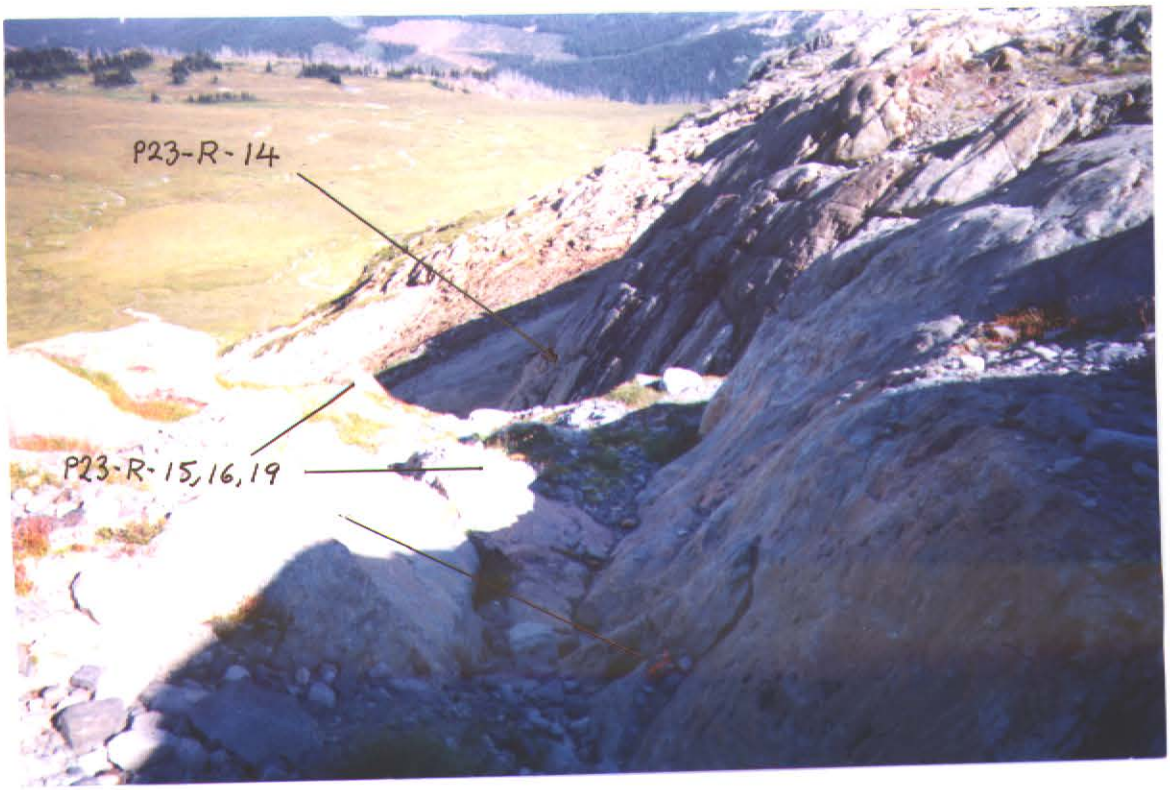

Zone 5
Gossonaus


P23-R-7

Zone 3+4.


Exhalatives

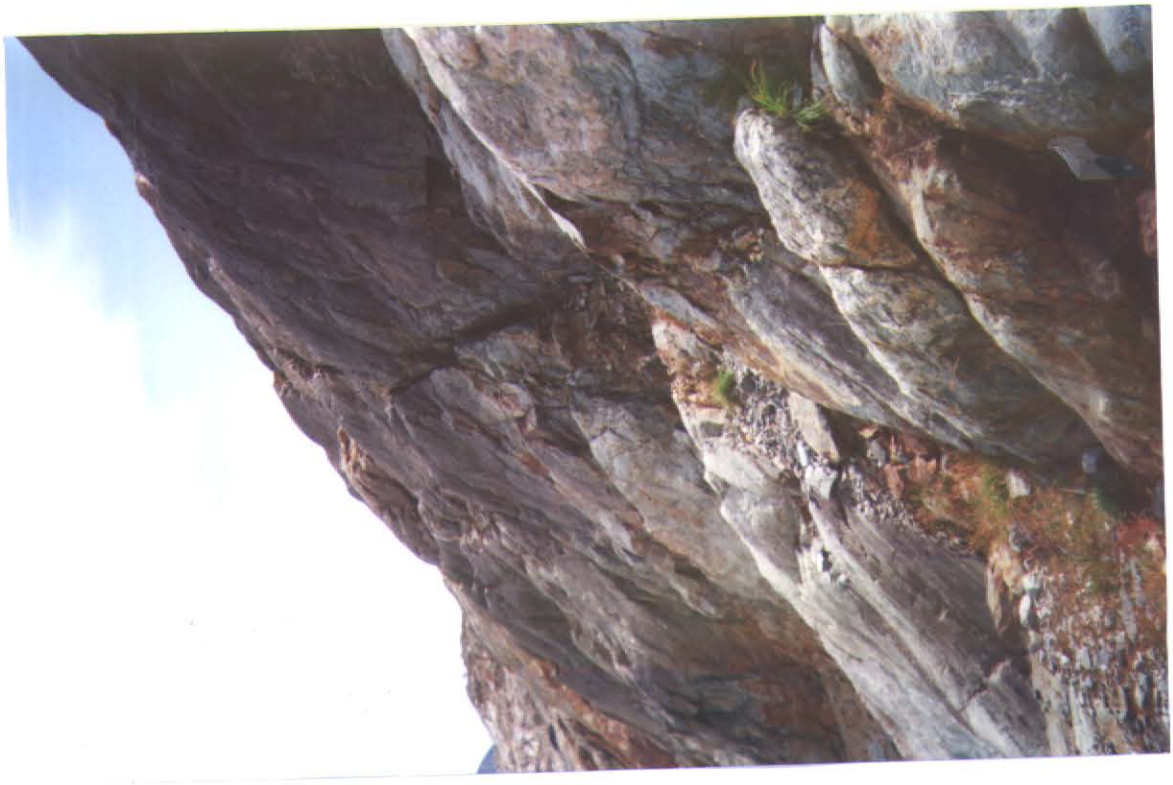

Zones 2, 3+4, 6, 7, 8,
Access Road.

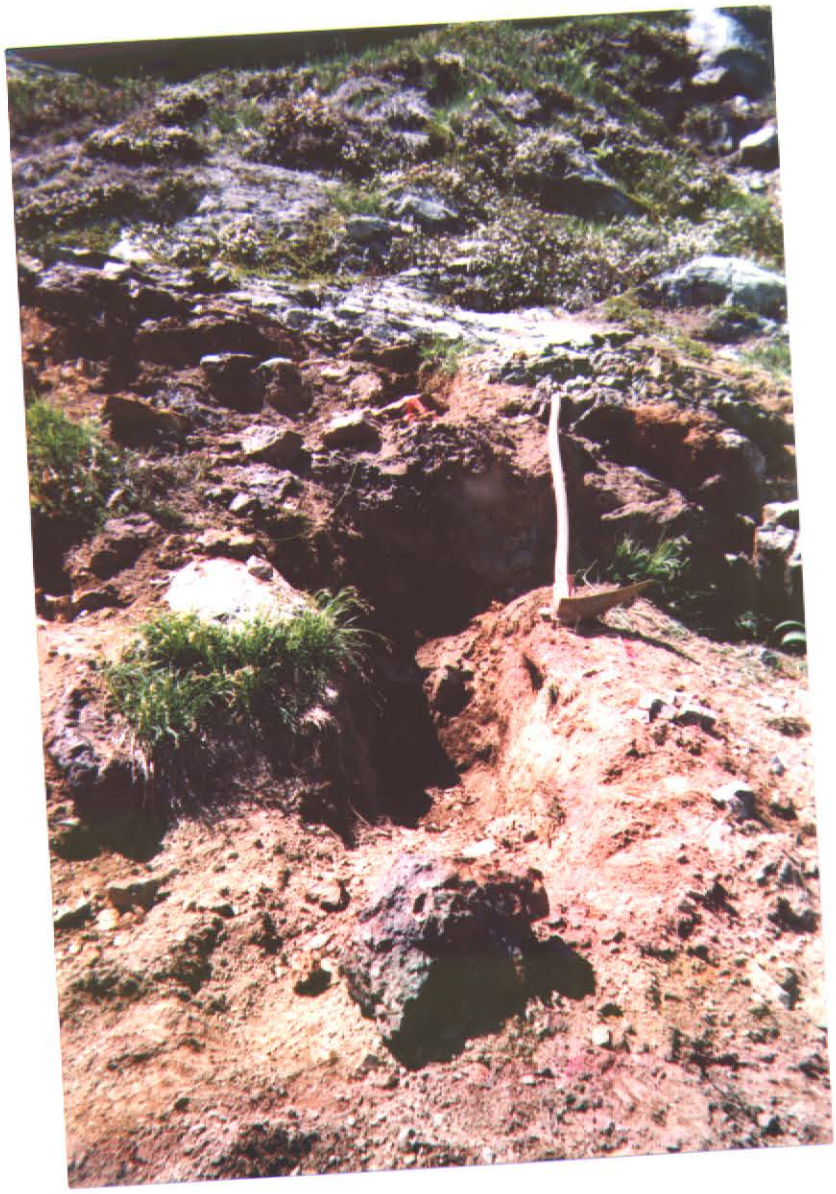

P23-R-14
P23-R-15,16,19


Show 4


K31- Gosson + Qtz Stx

Top





Show 2

Zone 2

Tr 1

SKUMAKUM 2

Legend.

- Hem Conductor
- Magnetic Trend
- Contact.
- Fault
- Rock Sample Location
- Soil Sample Location
- X Sulphide Location.
- Trench
- Open Cut.

98-14 ①

P23
PAP