

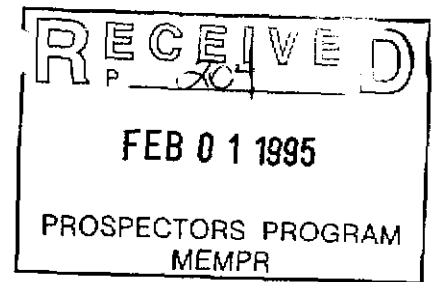
BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
MINISTRY OF ENERGY AND MINES
GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR: 1994/95

REPORT #: PAP 94-59

NAME: MATTI TAVELA

Reference No. 94-95 - P204, Matti Tavela



B. TECHNICAL REPORT

The area is covered by 4 assessment reports, the last is of 1985, and summarized in the assistance application. Repeated here is the crux: gold in 2 modes: A and B.

- A. Gold is universally appearing in albitite/diorite clan as peneconcordant intrusives and seldom in shale pendants near the intrusives pipes, cusps and lenses. This gold is invisible in arsenopyrite, pyrite and quartz. This gold belongs to the intrusive; it seems not to form economic concentrations.
- B. With an example only as depicted in sketch in the map near its true location. Gold here has 3 modes: visible in a quartz vein and as solid solution in 2 other independent quartz occurrences. All are perpendicular to the creek, near parallel to the shale's E-W strike and restricted to the creek's bottom. Arsenopyrite/pyrite is absent, chalcocopyrite is present.

In the search for the B type, only more A type has been found. The present approach is to dig and analyze nearby gabbros, a second type of intrusive as is the case in this solitary example. Gabbro is an unexplainable fellow member in some gold deposits in B.C. and in elsewhere.

INDIVIDUAL PROSPECTS

"Mosquito" area between Mosquito/East creek's confluence and 2000/2700 junction where sharp ground mag. highs (1984, copy included) coincide with 400 ppb Au in bedrock shale and soil correspondingly.

New mag survey, done in 1994 prior to the assistance, produced two moderate highs and one low closed to the creek's junction. The latter has weak but coherent Au values in red soil and granite (WR 722)/subsequent pitting and trenching exposed only shale. Pit 724 has several of one kind of fresh diorite floats assumed to originate from close to the gold B-type area. Whole Rock (WR) analysis shows Au 5 ppb, normal K20 values but two times the normal Ba values of 1427 ppm adding to the knowledge of the B-type mineralization (WR #'s 722, 750, 756).

"QUS" is a new claim (1 x 2) and prospect about 800 m E from the above along EW strike and Mosquito ML.

A ² sinding road to the N here exposes a ridge which is also a ^{topographic} culmination area: foliation of shales rising mildly (5-10°) from Port Renfrew gradually turning to horizontal; drainages divide and, possibly importantly, the igneous suite ends a few hundred meters to the E.

The ridge's crest has a 90 m. long 40 m. wide area of feather joint striking NW and filled with quartz which turns reddish in surface. Gold values from 5-28 ppb group. Extended sampling to N and W in mobilized quartz (pale) have values < 2 ppb.

This vaguely anomalous cluster adjoins in S with narrow EW elongated ravine. A blast in the bottom revealed a deuteritic albite downgrading the feather occurrence to Type A.

Prospecting continued to W and NW where East Cr and its many branches form a swamp. Blasting here discovered floats only, one among several (750 WR) fresh diorite resembles WR 724 in Mosquito area. Soil, fine loam, was collected from one pit: Au 15 ppm. Further hudge gabbro floats prevail near the road/creek junction. They are not the same type as in Mosquito junction (coarse and pale) but varied, darker and porphyritic.

"Upper Levels" From the joint LCP of Ox, QUS a siding road leads first to SW and then turn to SE ending in a rock cliff and landing. The rock is a dark green shist to gneiss with criss-crossed up to 10 cm. wide salt and pepper medium to coarse veins and one pure, same size, quartz vein.

WR of the coarse rock shows an exceptionally low K20 content and correspondingly low Ba content (0.1% K20 and 3 ppm Ba).

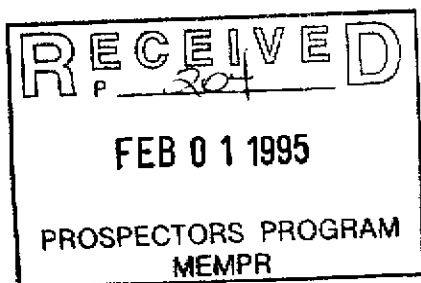
Below the cliff is a deep pile of fine pale brownish soil, which after blastings revealed that it is mainly formed from this salt/pepper rock, still awaiting exact definition. Four Au analysis (752-755) have a steady low Au content of 2-3 ppb.

Similar but slightly differing exposure was discovered in 1981 just W of Mosquito bridge. There, the salt/pepper veins are assimilated with the green country gneiss.

Both these strangers are within a 1 km x 0.5 km magnetic even plateau between two deep lows representing a granitic batholith in S and funnel-like micro gabbro in N. (Mag map supplied with the 94 application).

This mag. plateau with abrupt magnetic boundaries is potentially the only significant result of the season.

I have not found my copy of the 1994's Notice of Work form for OX4/QUS area. Instead I am sending Mr. Beresford's reply to it.



January 30, 1995

Matti Tavela
MATTI TAVELA



GEOCHEMICAL ANALYSIS CERTIFICATE



Matti Tavela File # 94-2660 Page 1

2125 Harrison Drive, Vancouver BC V5P 2P7

SAMPLE#	Au* ppb	SAMPLE#	AU* ppb	SAMPLE#	Au* ppb
724	5	723	6	722 WR	12
724	WR	726	3	725	7
		728	12	727	8
		RE 728	5		
		STANDARD AU-S	48		

MOSQUITO

- SAMPLE TYPE: P1 ROCK P2 SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 15 1994

DATE REPORT MAILED: Aug 19/94

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

NEAR	SAMPLE#	Au* ppb	SAMPLE#	Au* ppb
MOSQUITO BRIDGE	725	2	738	5
	726	2	739	6
	727	6	RE 739	2
	728	7	740	5
	729	5	741	5
	730	1	742	1
	731	4	743	2
	732	28	744	2
	733	3	745	<1
	734	1	746	1
	735	1	747	2
	RE 735	1	748	<1
	736	1	749	2
	737	1		

SAMPLE#	Au* ppb
750 S	15
751 WR	

↑
QUS
↓

- SAMPLE TYPE: P1 TO P2 ROCK P3 SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 3 1994

DATE REPORT MAILED: Oct 12/94

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



GEOCHEMICAL ANALYSIS CERTIFICATE



Matti Tavela File # 94-3907 Page 1

2125 Harrison Drive, Vancouver BC V5P 2P7

SAMPLE#	Au* ppb	SAMPLE#	Au* ppb	SAMPLE#	Au* ppb
718	2	752	3	755	3
719	2	753	3		
720	2	754	2		
721	9				
RE 721	2				
STANDARD AU-R	472				

UPPER LEVELS

ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

756 WR

AA
LL

WHOLE ROCK ICP ANALYSIS

Matti Tavela File # 94-2660 Page 1

2125 Harrison Drive, Vancouver BC V5P 2P7

AA
LL

SAMPLE#	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ba	Ni	Sr	Zr	Y	Nb	Sc	LOI	SUM
	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
722	72.84	15.80	2.32	.21	.35	4.33	1.96	.18	.08	.04	.004	753	26	247	165	<10	12	<2	1.9	100.20
724	62.73	16.48	5.38	1.95	3.43	3.84	2.49	.58	.18	.12	.005	1427	<10	578	127	18	11	11	2.7	100.22
RE 722	72.83	15.67	2.24	.21	.36	4.27	1.99	.19	.08	.04	.003	743	16	245	151	<10	<10	<2	1.9	99.96
STANDARD SO-4	68.19	10.36	3.42	.95	1.59	1.28	2.01	.56	.23	.08	.008	837	23	169	287	23	14	8	10.9	99.79

.200 GRAM SAMPLES ARE FUSED WITH 1.2 GRAM OF LiBO2 AND ARE DISSOLVED IN 100 MLS 5% HNO3. Ba IS SUM AS BaSO4 AND OTHER METALS ARE SUM AS OXIDES.

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

DATE RECEIVED: AUG 15 1994 DATE REPORT MAILED: Aug 19/94 SIGNED BY: C. Leong D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

AA
LL

WHOLE ROCK ICP ANALYSIS

Matti Tavela File # 94-3471 Page 2

2125 Harrison Drive, Vancouver BC V5P 2P7

AA
LL

SAMPLE#	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ba	Ni	Sr	Zr	Y	Nb	Sc	LOI	SUM
	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
751	63.36	16.44	5.39	1.72	4.75	3.78	1.68	.52	.19	.13	<.002	652	<10	400	110	15	<10	11	1.2	99.34

.200 GRAM SAMPLES ARE FUSED WITH 1.2 GRAM OF LiBO2 AND ARE DISSOLVED IN 100 MLS 5% HNO3. Ba IS SUM AS BaSO4 AND OTHER METALS ARE SUM AS OXIDES.

- SAMPLE TYPE: P1 TO P2 ROCK P3 SOIL

DATE RECEIVED: OCT 3 1994 DATE REPORT MAILED: Oct 12/94 SIGNED BY: C. Leong D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

AA
LL

WHOLE ROCK ICP ANALYSIS

Matti Tavela File # 94-3907 Page 2

2125 Harrison Drive, Vancouver BC V5P 2P7

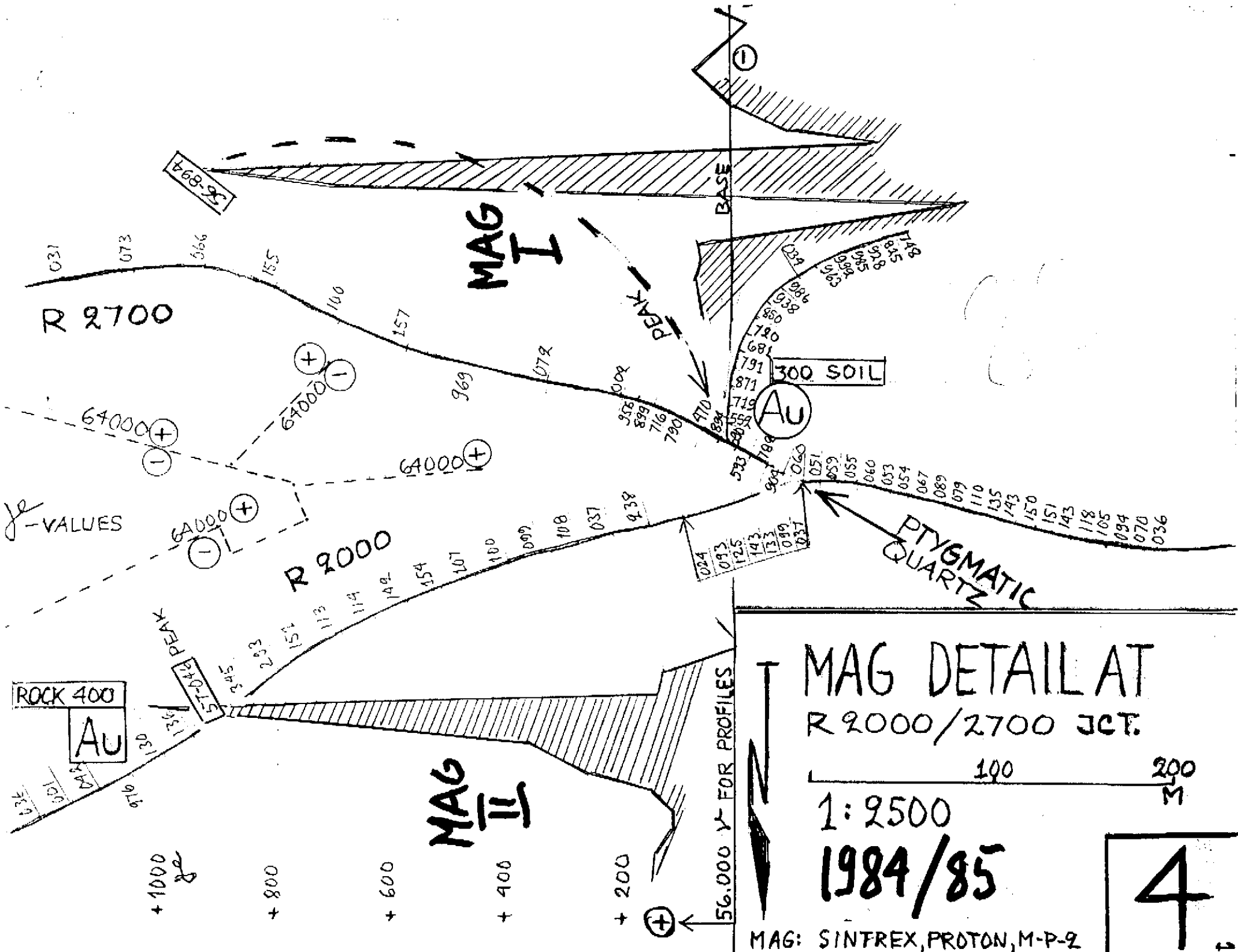
AA
LL

SAMPLE#	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ba	Ni	Sr	Zr	Y	Nb	Sc	LOI	SUM
	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
756	69.88	14.77	4.87	1.70	2.37	4.51	.08	.38	.06	.07	.003	26	11	383	163	<10	<10	12	1.7	100.47
RE 756	70.11	14.75	4.86	1.72	2.38	4.53	.13	.36	.06	.07	.004	21	22	383	146	<10	<10	12	1.7	100.75

.200 GRAM SAMPLES ARE FUSED WITH 1.2 GRAM OF LiBO2 AND ARE DISSOLVED IN 100 MLS 5% HNO3. Ba IS SUM AS BaSO4 AND OTHER METALS ARE SUM AS OXIDES.

- SAMPLE TYPE: P1 TO P2 ROCK P3 SOIL Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 28 1994 DATE REPORT MAILED: Nov 3/94 SIGNED BY: C. Leong D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)

204
FEB 01 1995
PROSPECTORS PROGRAM
MEMPR

B. TECHNICAL REPORT

- * One technical report to be completed for each project area
- * Refer to Program Requirements/Regulations, section 15, 16 and 17
- * 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 MATTI TAVELA Reference Number 94-95-P204

LOCATION/COMMODITIES

Project Area (as listed in Part A.) MOSQUITO CR Minfile No. if applicable _____
Location of Project Area NTS -4- Lat 48° 30' Long 124° 18'
Description of Location and Access PORT RENFREW - SHAWMIGAN RD: TURS S
2 KM E OF LENS CR BRIDGE ALONG RED CR EXT., RED CR ML,
MOSQUITO ML (~12 KM) TO MOSQUITO CR/ML BRIDGE

Main Commodities Searched For GOLD

Known Mineral Occurrences in Project Area MAGNETITE (REAKO) IRON
PYRITES (BOBABO), PLACER GOLD BTW LENS CR/SAN JUAN R.

WORK PERFORMED

1. Conventional Prospecting (area) ONE HECTARE (UPPER LEVELS)
2. Geological Mapping (hectares/scale) - DO -
3. Geochemical (type and no. of samples) ROCK (60) SOIL (1) WHOLE ROCK (4)
4. Geophysical (type and line km) -
5. Physical Work (type and amount) TEST PITS (84) TRENCHES (63 M)
6. Drilling (no. holes, size, depth in m, total m) -
7. Other (specify) -

SIGNIFICANT RESULTS (if any)

Commodities - Claim Name -

Location (show on map) Lat - Long - Elevation -

Best assay/sample type -

Description of mineralization, host rocks, anomalies

- A. GOLD INVISIBLE ppb LEVEL IN ALBITITE/DIORITE SUITE
- B. VISIBLE AND INVISIBLE GOLD IN DISTINCT QUARTZ VEIN
IN SHALE

Supporting data must be submitted with this TECHNICAL REPORT.

OX-QUS CLAIM AREA PORT RENFREW

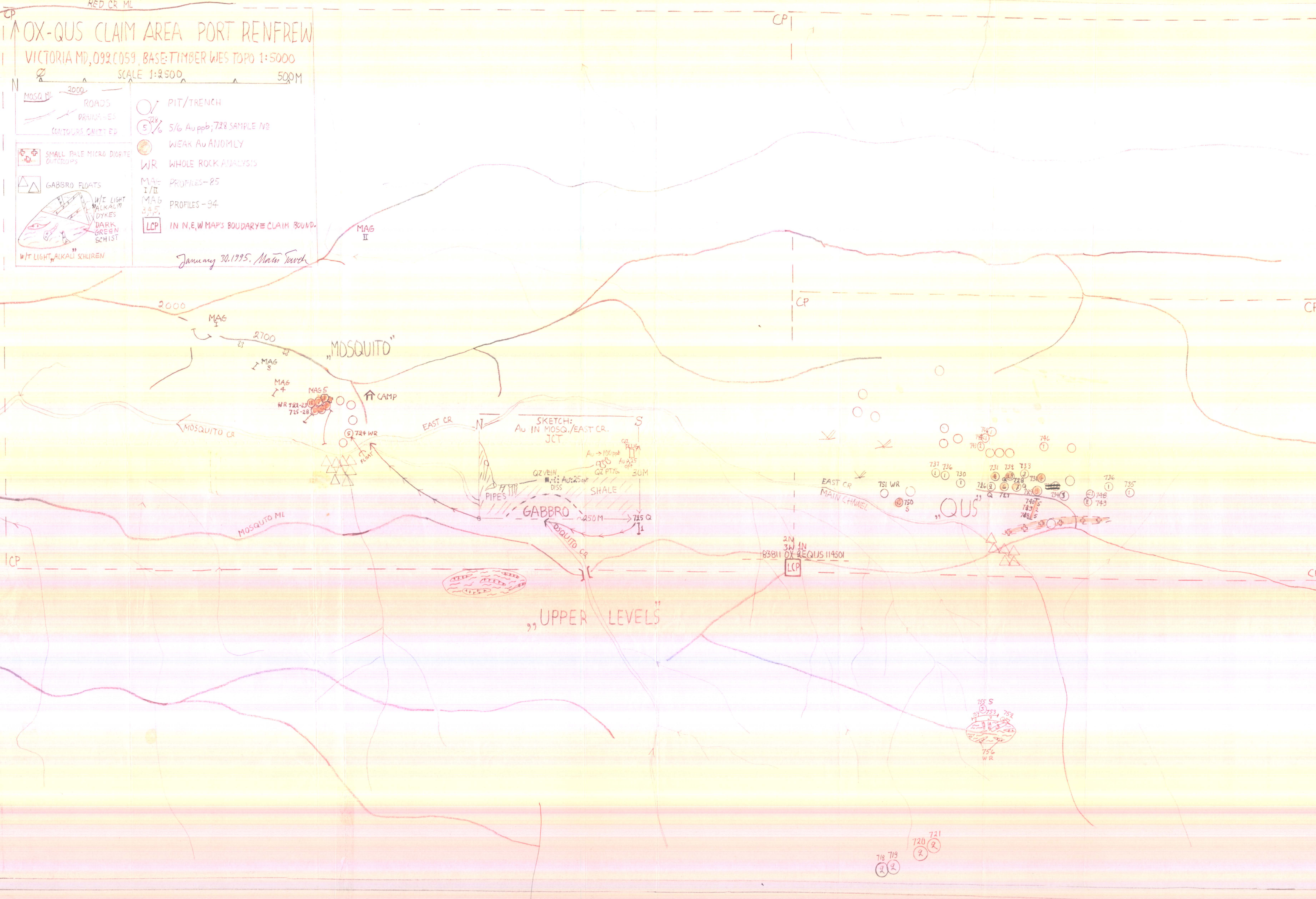
VICTORIA MD, 092 C059, BASE: TIMBER WES TOPO 1:5000

SCALE 1:2500 500M

LEGEND

- PIT/TRENCH
- 5% Au ppb; 728 SAMPLE NO
- WEAK Au ANOMALY
- WR WHOLE ROCK ANALYSIS
- MAE I/II PROFILES - 85
- MAG 3,4,5 PROFILES - 94
- LCP IN N.E.W MAP'S BOUNDARY = CLAIM BOUND.
- ROADS
- DRAINS - ES
- CONTOURS OMITTED
- SMALL PALE MICRO DIORITE OUTCROPS
- GABBRO FLOATS
- W/ LIGHT ALKALIN DYKES
DARK GREEN SCHIST
W/ LIGHT ALKALI SCHIEN

January 30, 1995. Main Trench

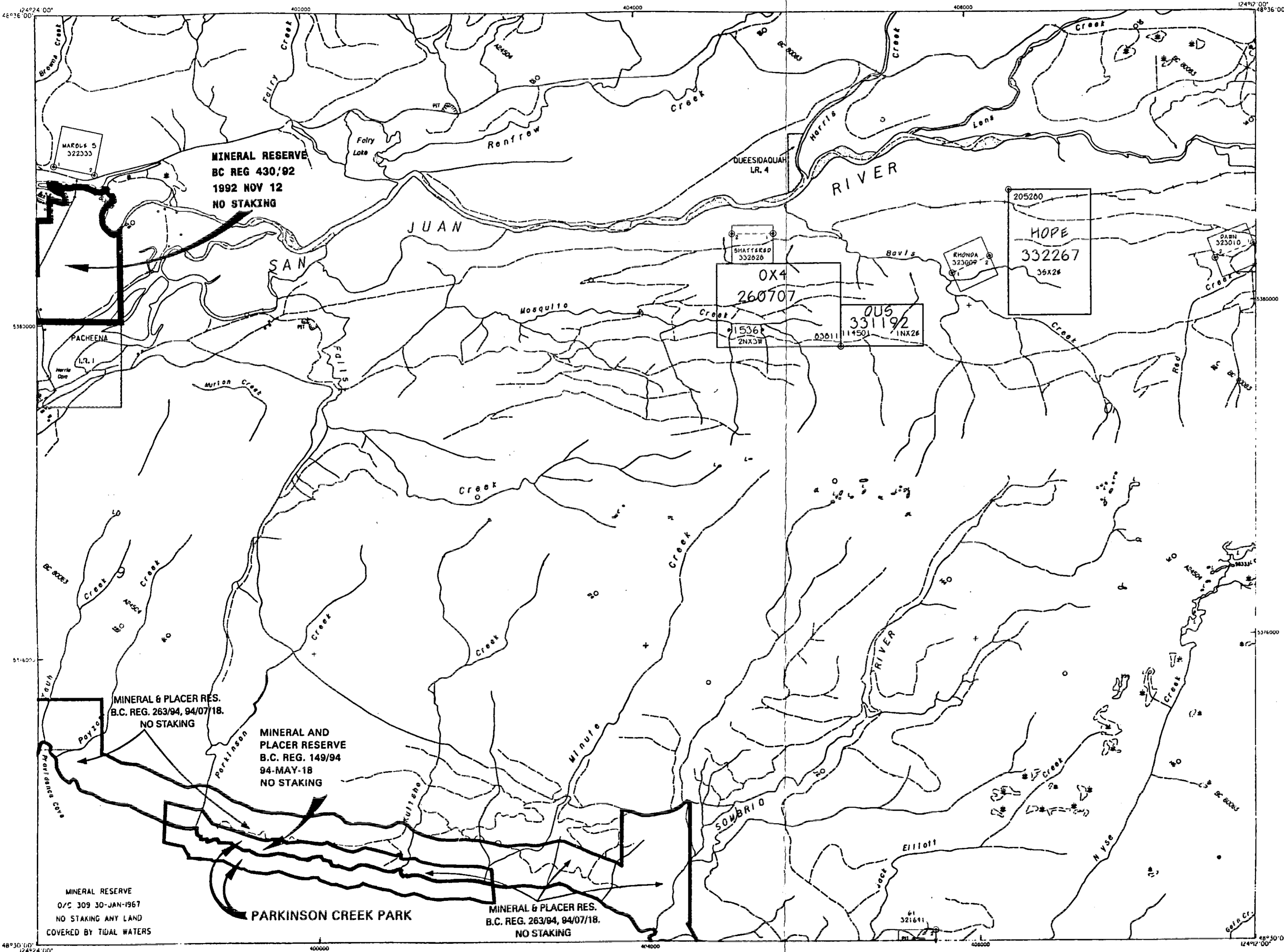


2 IN 3 IN
83811 OX REQUIS 114501
LCP

718 719
720 721

RECEIVED
 FEB 01 1995
 PROSPECTORS PROGRAM
 MEMPR

124° 18'

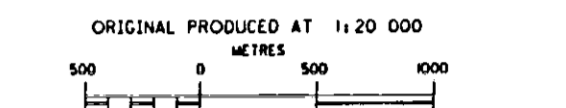


PROVINCE OF
 BRITISH COLUMBIA
 MINISTRY OF
 ENERGY, MINES AND
 PETROLEUM RESOURCES

MINERAL TITLES REFERENCE

MAP 092C059
 U.T.M. ZONE 10

LAST MAP UPDATE: 1994 DEC 08



ADMINISTRATIVE AREAS
 MINING DIVISION: VICTORIA

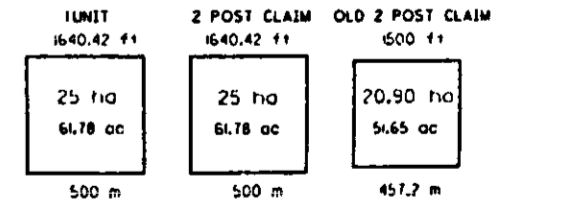
LAND DISTRICT: RENFREW

48° 34'

- ALIENATIONS**
- NO STAKING AREAS
 - NO STAKING RESERVES
 - PARKS
 - ECOLOGICAL RESERVES
 - RECREATION AREAS
 - INDIAN RESERVES

- CONDITIONAL AREAS**
- SUBJECT TO CONDITION RESERVES
 - SECTION 19 RECREATION AREAS
 - POST CLAIM AREAS
 - AREAS SUBJECT TO THE URANIUM/THORIUM REGULATIONS

- MINERAL TENURE**
- MINERAL CLAIM
 - MINING LEASE
 - INDUSTRIAL MINERAL RIGHTS
 - CLAIM NAME
 - TITLE NUMBER
 - OLD TITLE NUMBER
 - TAG NUMBER
 - LEGAL POST
 - WITNESS POST
 - FORFEITED TENURE
 - VERIFIED
 - SURVEYED
 - REVERTED C. G. MINERAL CLAIM
 - CROWN GRANTED
 - OPEN FOR STAKING



THIS MAP IS PREPARED ONLY AS A GUIDE TO THE LOCATION OF MINERAL TENURE AS SHOWN ON THE LOCATOR'S SKETCH. FOR CURRENT OR MORE SPECIFIC INFORMATION, APPLICATION SHOULD BE MADE TO THE MINING DIVISION CONCERNED.

INDEX TO ADJOINING MAPS

092C068	092C069	092C070
092C058	092C059	092C060
	092C049	092C050

092C059

