BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	1997/1998
REPORT #:	PAP 97-3
NAME:	WILLIAM WELSH

P8

TECHNICAL REPORT

- FOR THE-

PROSPECTORS ASSISTANCE PROGRAM

COVERING: **Monashee-McPhail, Vernon M.D.,**
MINFILE 082LSE001, 009, 055
NTS 82L/2E,1W
17km SE of Cherryville, B.C.

BY:

William Welsh,
619 N. Fork Rd., R.R. #1,
Lumby, B.C., V0E 2G0

September 28, 1997

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, 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 WILLIAM WELSH Reference Number 97/98 - P8

LOCATION/COMMODITIES

Project Area (as listed in Part A) MONASHEE - McPHAIL MINFILE No. if applicable 082LSE001, 082LSE009, 082LSE055

Location of Project Area NTS 82L/1W, 2E Lat 50°-06'-30" Long 118°-23 1/2 30'

Description of Location and Access ACCESS TO MONASHEE & McPHAIL IS VIA HIGHWAY #6 TO "MINE HILL", 17 km SE OF CHERRYVILLE; ACCESS TO ST. PAUL'S ROAD, LYNX, AND OTHER LOCALITIES IS VIA THE KEEFER LAKE ROAD, OFF HIGHWAY #6, 35 km SE OF CHERRYVILLE.

Main Commodities Searched For Au-Ag ± (Pb-Zn-Cu)

Known Mineral Occurrences in Project Area MONASHEE (082LSE001) Au-Ag-Pb-Zn-Cu
McPHAIL (082LSE009) " " "
LYNX (082LSE055) Au-Ag-Cu-Mo-Pb-Sb

WORK PERFORMED

1. Conventional Prospecting (area) 500 Ha
2. Geological Mapping (hectares/scale) 500 Ha.
3. Geochemical (type and no. of samples)
4. Geophysical (type and line km)
5. Physical Work (type and amount)
6. Drilling (no,. holes, size, depth in m, total m)
7. Other (specify) 18 ROCK SAMPLES COLLECTED FOR ROCK GEOCHEM; 4 ANALYSED

SIGNIFICANT RESULTS

Commodities N/A Claim Name

Location (show on map) Lat Long Elevation

Best assay/sample type ROCK SAMPLE MC-11 As = 320 ppm Mo = 11 ppm (MAY CONTAIN AU, BUT MINERALIZATION WAS OF LIMITED EXTENT

Description of mineralization, host rocks, anomalies SILICIFIED LIMESTONE BED, TRACED OVER 10 km, WEAKLY MINERALIZED OVER ITS ENTIRE LENGTH WITH LOCALLY-ENRICHED FISSURE VEINS. FOR THE MOST PART, THESE VEINS HAVE BEEN EXPLORED BY ADITS.

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.*

MONASHEE-McPHAIL-LYNX

The area prospected, shown on the accompanying map, contains three MINFILE occurrences, which were investigated in detail, namely:

MONASHEE	082LSE001
McPHAIL	082LSE009
LYNX	082LSE055

From May 8 - August 8, 1997, prospecting, geological mapping, and sampling were carried out over the ground lying between these three occurrences. Then, while waiting for assays to be completed, the ground was staked by Ainsworth - Jenkins Holdings inc. of Vancouver. When the assays did in fact arrive, they were not promising (see Appendix), and the reason for staking is not clear.

only 4 samples were analysed

Nonetheless, in order to fulfil the requirements of the Prospector's Assistance Grant, an additional three days was spent during September, to complete the geological mapping and testing of the granitic intrusions for gold.

? covered by new claims ?

Listed below are descriptions of rock outcrops sampled, and the maps are attached, as per the guide-lines provided in the grant application booklet.

ROCK DESCRIPTIONS

Sample No.	Description
CH-01	McPhail mine: float found in mine dump *milky white quartz vein, disseminated pyrite*
CH-02	McPhail mine: float from old stamp mill (similar to quartz vein above)
CH-03	McPhail mine: outcrop - slash in cliffs, south of adit *altered buff limestone, fine disseminated sulphides*
CH-04	McPhail mine: outcrop - north of slash

altered buff limestone, silicified

CH-05 McPhail mine: outcrop - south of adit
altered buff limestone, rusty weathering, disseminated pyrite

CH-06 Marsh Creek: float, near upper old placer workings
well-mineralized, mottled white and grey quartz, with 1-2% rusty carbonate filling fractures; 1-2 mm blebs of chalcopyrite and galena, fine-grained arsenopyrite and pyrite.

CH-07 St. Paul's Road: outcrop, on strike with McPhail Mine
rusty weathering, cherty siltstone with several small barren quartz veins.

CH-08 St. Paul's Road: outcrop, about 100 m north of CH-07, on strike (west) of vein on Marsh Creek blue-grey to white mottled quartz replacement vein hosted by massive, silicified limestone fine-grained pyrite, pyrrhotite, moly

CH-09 St. Paul's Road: outcrop, about 400 m north of CH-8
rusty-weathering quartz vein in siliceous argillite

CH-10 Keefer Lake Road: outcrop at base of clear-cut on new logging road at 5 km.
black, argillaceous limestone, fine disseminated pyrite, brown sphalerite.

CH-11 Kismet Mine (Lynx): outcrop, near adit
blue-grey quartz vein in rusty, sericitic and disintegrated granitic rocks (quartz diorite) fine-grained arsenopyrite, pyrite, stibnite

CH-12	Kismet Mine: outcrop, downslope from adit, near intrusive contact rusty quartz vein in contact with greenish-grey altered limestone (calc-silicate)
CH-13	St. Paul's Road: outcrop, south of vein (CH-08), near intrusive contact rusty-weathering, altered limestone, disseminated pyrite
CH-14	St. Paul's Mine: float, from mine portal mineralized quartz vein, rusty white quartz, fine-grained mixture (1%) of galena, sphalerite, arsenopyrite
CH-15	McPhail Mine: outcrop, from adit buff coloured limestone, slightly silicified, fine grained sulphides
CH-16	South bank of Kettle River: outcrop, at base of large clearcut west of Trapp Creek fissile black shale, very rusty along layers approx. 5-10 mm thick, disseminated pyrite
CH-17	South bank of Kettle R.: outcrop at top of clearcut silicified limestone, fine-grained disseminated sulphides
CH-18	South bank of Kettle R.: outcrop at top of clearcut quartz vein in silicified limestone, disseminated sulphides

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ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (250) 573-5700
Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 97 - 816

KETTLE RIVER VENTURES
619 North Fork Road, R.R. # 1
Lumby, B.C.
V0E 2G0

18-Aug-97

ATTENTION: William Welsh

No. of samples received: 4
Sample type: Core
PROJECT #: Not given
SHIPMENT #:Not given
Samples submitted by: W. Welsh

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	MC - 08	0.18	0.005

QC DATA:

Resplits:

R/S 1	MC - 08	0.18	0.005

Standard:

STD-M		1.26	0.037

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/97

12-Aug-97

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 97-816

KETTLE RIVER VENTURES
619 North Fork Road, R.R. #1
Lumby, B.C.
V0E 2G0

ATTENTION: William Welsh

No. of samples received:4
Sample type:Rock
PROJECT #: Not given
SHIPMENT #: Not given
Samples submitted by: W. Welsh

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	MC - 08	1.4	0.37	15	35	<5	0.34	<1	9	138	32	3.36	<10	0.13	51	26	0.01	20	720	10	<5	<20	21	<0.01	<10	13	<10	<1	1
2	MC - 10	0.4	1.20	<5	95	10	0.67	2	30	51	80	4.70	<10	0.57	380	6	0.04	44	1030	12	<5	<20	46	0.17	<10	38	<10	29	142
3	MC - 11	6.8	0.03	320	10	<5	0.15	<1	23	238	50	2.23	<10	<0.01	72	11	<0.01	5	<10	62	<5	<20	8	<0.01	<10	2	<10	<1	<1
4	MC - 15	<0.2	0.09	10	10	<5	>10	<1	2	18	6	1.01	<10	0.06	718	5	<0.01	8	150	<2	10	<20	169	<0.01	<10	6	10	8	2
QC DATA:																													
Resplit:																													
1	MC - 08	1.6	0.38	10	40	<5	0.35	<1	10	149	34	3.51	<10	0.13	52	27	0.02	21	730	10	<5	<20	21	<0.01	<10	13	<10	<1	1
Repeat:																													
1	MC - 08	1.4	0.37	10	35	5	0.36	<1	10	140	33	3.42	<10	0.13	51	27	0.02	22	720	10	<5	<20	19	<0.01	<10	13	10	<1	<1
Standard:																													
GEO'97		1.2	1.87	70	175	<5	1.82	<1	19	64	85	4.06	<10	0.95	666	<1	0.03	24	660	24	15	<20	64	0.14	<10	82	<10	10	66

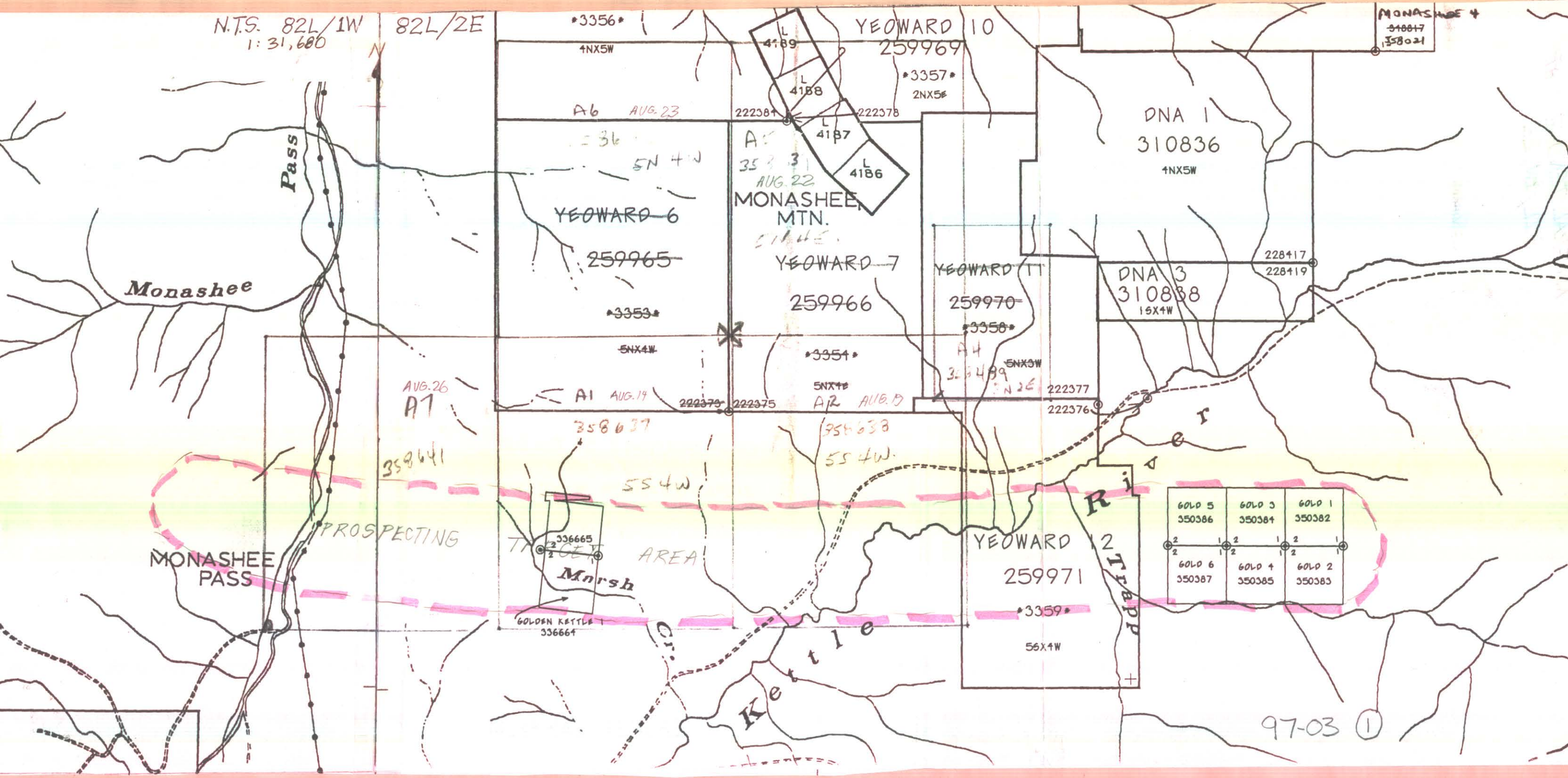
Should assay for Au

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/798
XLS/97

N.T.S. 82L/1W | 82L/2E
1:31,680

3356
4NX5W
L 4189
L 4188
L 4187
L 4186
YEOWARD 10
259969
3357
2NX5W
A6 AUG. 23
222384
222378
A5
5N + 4W
3
AUG 22
MONASHEE MTN.
YEOWARD 6
259965
YEOWARD 7
259966
YEOWARD 11
259970
3353
5NX4W
3354
5NX4W
3356
5NX3W
A1 AUG. 14
222375
222375
A2 AUG. 15
222377
222376
AUG. 26
A7
3586
3586
55 4W
55 4W
PROSPECTING
TRACT
APEX
336665
GOLDEN KETTLE
336664
Marsh Cr.
Kettle
YEOWARD 12
259971
3359
56X4W
Kettle River
DNA 1
310836
4NX5W
DNA 3
310838
15X4W
228417
228419
MONASHEE 4
318017
358021
GOLD 5
350386
GOLD 3
350384
GOLD 1
350382
GOLD 6
350387
GOLD 4
350385
GOLD 2
350383
Pass
Monashee
MONASHEE PASS


N.T.S. 82L/1W 82L/2E
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N
3356
4NX5W
L 4189
L 4188
L 4187
L 4186
YEOWARD 10
259969
3357
2NX5E
A6 AUG. 23
222381
222378
A5
AUG. 22
MONASHEE MTN.
YEOWARD 6
259965
3353
5NX4W
YEOWARD 7
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3354
5NX4E
A1 AUG. 14
222375
A2 AUG. 15
YEOWARD 11
259970
3358
A4
5NX3W
222377
222376
DNA 1
310836
4NX5W
DNA 3
310838
1SX4W
228417
228419
MONASHEE 4
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A7
358641
358637
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PROSPECTING
AREA
MONASHEE PASS
336665
Marsh
GOLDEN KETTLE 1
336664
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YEOWARD 12
259971
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56X4W
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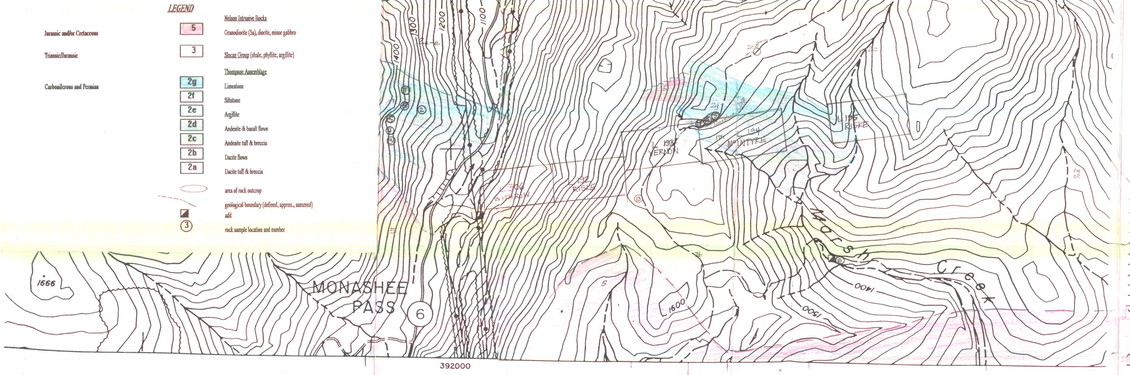
GOLD 2
350383
97-03 (1)



SCALE 1: 0 000

200 0 200 400 600 800 1000 1200 1400

METRES

Contours generated f
Contour interval 20 r
Elevations in metres

Digital Elevation Model.
es.
ve Mean Sea Level.

DIGITAL DATA AVAILABLE			
PLANIMETRY	☒	CONTOUR	☒
CADASTRAL	☐	DEM	☒

82L.018

ict:
Dist.:
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Date:

Land District: