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GRAND TWO CLAIM

REPORT ON 1993 ASSESSMENT WORK
GRAND TWO CLAIM REC. NO. 301849
NELSON MINING DIVISION
NTS MAP SHEET 82F6/W
49°25'51" NORTH 117°18'08" WEST

FILMED

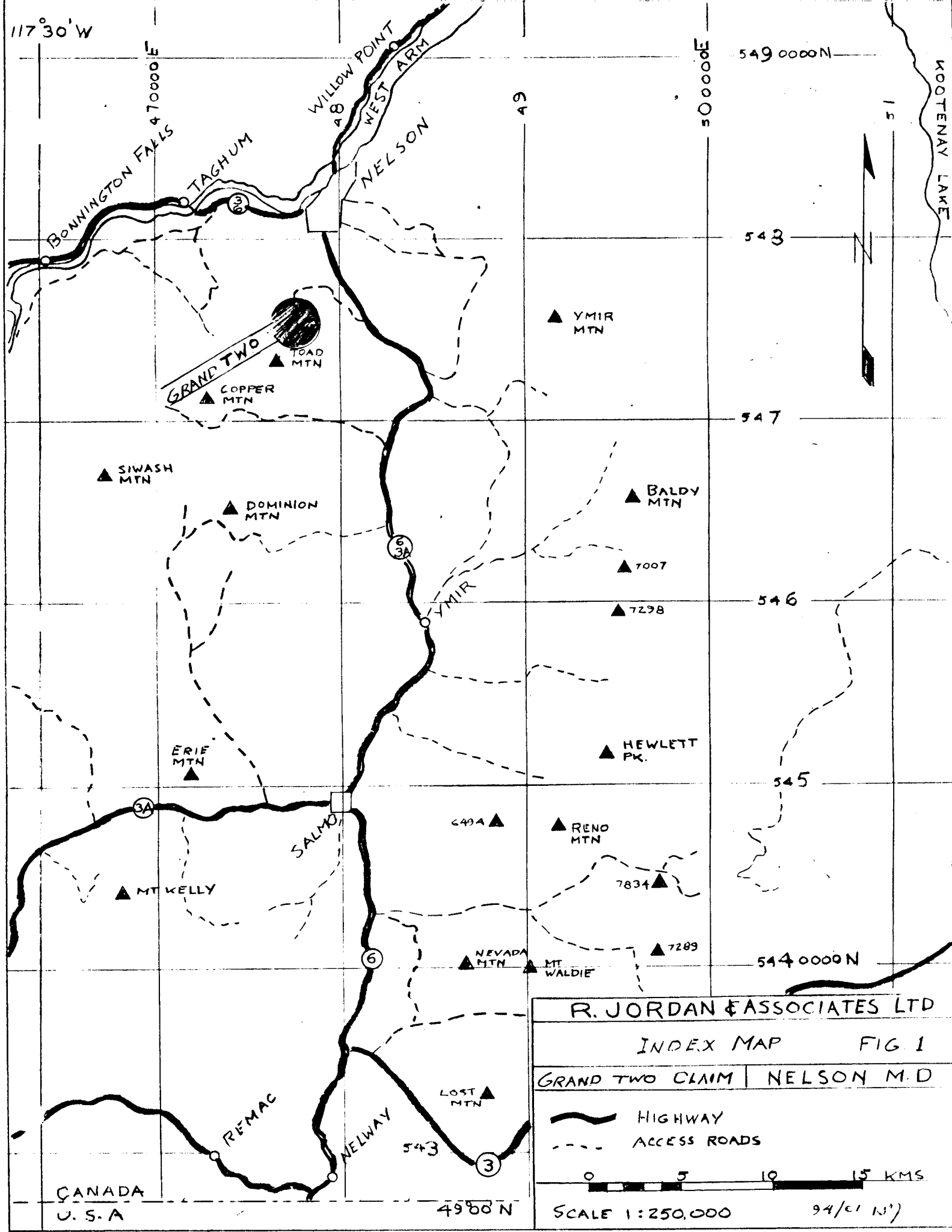
AUTHOR: R. Jordan, P. Eng.
OPERATOR: R. Jordan
OWNER: W. R. Reader

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

23,250

Priddis, Alberta. January 17, 1994.

117°30'W



549 0000N

543

547

546

545

544 0000N

KOOTENAY LAKE

BONNINGTON FALLS
TAGHUM

WILLOW POINT
WEST ARM
NELSON

GRAND TWO
LEAD MTN
COPPER MTN

▲ SIWASH MTN

▲ DOMINION MTN

▲ ERIE MTN

▲ MT KELLY

SALMO

▲ 6494

▲ RENO MTN

▲ 7834

▲ NEVADA MTN

▲ MT WALDIE

▲ 7289

▲ LOST MTN

▲ YMIR MTN

▲ BALDY MTN

▲ 7007

▲ 7298

▲ HEWLETT PK.

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INDEX MAP FIG 1

GRAND TWO CLAIM | NELSON M.D

— HIGHWAY
- - - ACCESS ROADS

0 5 10 15 KMS

SCALE 1:250,000

94/CI N'

CANADA
U. S. A

49°50'N

REMAC

NELWAY

3

6

3A

6
3A

30

49

500000E

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1.0 SUMMARY

The Grand Two is an expired 2 post Crown Grant claim, formerly GRAND L.1840, which lapsed and was restaked in July 1991 by W. R. Reader. The claim is located one kilometer north of the Silver King workings, on the east side of Giveout Creek. Summer access is via 8 kilometers of rough steep logging and mine access roads from a point on Highway 6, 6.5 kilometers south of Nelson. The claim is bisected by the Silver King access road. No sign of previous work has been found on the claim, although there are numerous pits and trenches on the Daylight/Berlin/Bid claims to the south-east. Some exploratory work has recently been done on the Great Western copper/gold properties one kilometer to the north-west. No sign of any of the original GRAND survey posts was found. Copies of the original claim survey plans were used to calculate claim corner co-ordinates. Claim boundaries were calculated using the original claim surveys, 1:50,000 NTS topog sheet 82F6, BCFS 1:20,000 forest cover maps, and recent aerial photos. No mineralization was noted in any of the outcrops examined however several very rusty sericitic schist zones were seen along the access road.

2.0 INTRODUCTION

This report covers assessment work done on the Grand Two claim in July 1993 by R. Jordan and W.R. Reader

2.1 Location, Access, and Physiography

This claim is on the moderately steep north-west facing slopes of the north ridge of Toad Mountain, above Giveout Creek. Elevations range between 1650 and 1780 meters. The north-west third of the claim has been recently clear-cut. The mapped position of the claim was determined by using information from topog map sheet 82F6, 1:20,000 BC Forest Service maps, and aerial photos BC 88046 Nos.15 & 16, and half a dozen GPS (Global Positioning System) survey points. Claim corner polar co-ordinates were calculated from original survey plans.

Summer access is via 8 kilometers of steep rough logging and mine access roads starting from Highway 6 between Gold Creek and Cottonwood Lake, 6.5 kilometers south of Nelson.

Topography is moderately steep and rugged and the claim is covered by dense bush, second growth spruce and a tangle of old logging slash. Access to most of the claim is relatively good.

2.2 Claim Description

The Grand Two claim is located in the Nelson Mining Division on map sheet 82F6/W. W.R. Reader is the owner. Recording Data is listed below:

CLAIM NAME	UNITS	REC.NO.	STAKING DATE	RECORD DATE
GRAND TWO	1(fract)	301849	July 9 1991	

No sign of previous work has been found on the claim and other than several rusty sericitic schist outcrops along the access road no significant mineralization has been noted.

2.3 1993 Exploration

Work was done on one long day on July 7th by R. Jordan and W.R. Reader and consisted of setting up eight GPS survey stations, detailed mapping of geology along the access road on and adjacent to the claim, and a prospecting reconnaissance of outcrops along logging trails in the north-west corner of the claim. A GPS reading was taken at the old Daylight/Berlin adit and a selected grab sample of mineralized quartz was taken from the dump adjacent to the collapsed portal. This sample assayed .136 ozs./ton gold. No other sampling was done.

3.0 GEOLOGY

3.1 Regional Geology

Regional geology is described in some detail, by Hoy and Andrew- Open File 1989-11, and in descriptions of the Great Western, Shaft and Cat properties- Exploration in B.C. 1988 pps.B15-28. Steep southwesterly dipping, intensely sheared and altered volcanics of the lower Jurassic Rosland Group/Elise Formation (units Je7, Je4 and Je1) occur on the north-westerly striking north limb of the Hall Creek syncline. These rocks are intruded by dikes and stocks of plagioclase porphyries related to Lower/Middle Jurassic Silver King intrusions (unit Jsk). A number of the copper/gold properties in the immediate area are hosted by Upper and Lower Elise formation mafic volcanics in close association with the Silver King intrusives and/or the Nelson Batholith. The Grand Two claim is located within a kilometer of the Silver King vein.

3.2 Claim Geology

Rocks mapped in the south-central parts of the claim consist of medium grained, massive to occasionally sheared and altered, dark grey to green, augite and plagioclase volcanics (unit Je4), dipping from 70 to 75 degrees to the south-west. In the north portion of the claim rocks are medium grained, heavily altered and sheared, grey

to orange coloured clastic tuffs and schists (Unit Je7). At least four prominent rusty shear zones were mapped along the access road. The most north-easterly of these shear zones is possibly connected with the zone seen at the north-east end of the Britannia claim 700 meters to the south-east. A linear projection of the Daylight/Berlin mineralized zone should occur close to the south-west part of the Grand Two claim.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Although no direct evidence of any mineralization has been found to date on this claim, there are possibilities of mineral occurrences along the shear zones found on the access road along the extended strike of the Daylight/Berlin deposits and along the shear zones seen in the north-east corner of the claim. Geological mapping and where applicable, soil sampling, should be carried out on the unmapped portions of the claim.

5.0 BIBLIOGRAPHY

1. GSC Memoir 308, Nelson Area west half.
2. BC Min.Res.Div. GSB. Geological Fieldwork 1988 pps.33-43, Open File 1989-11.
3. BC Minister of Mines annual reports for 1887, 1889-1919, 1947-1949, 1956, 1958, 1965-1967.
4. BC Minfiles 175, 176.

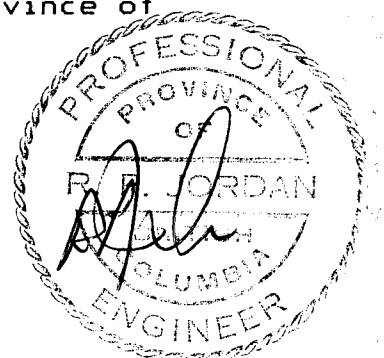
6.0 STATEMENT OF EXPENDITURES

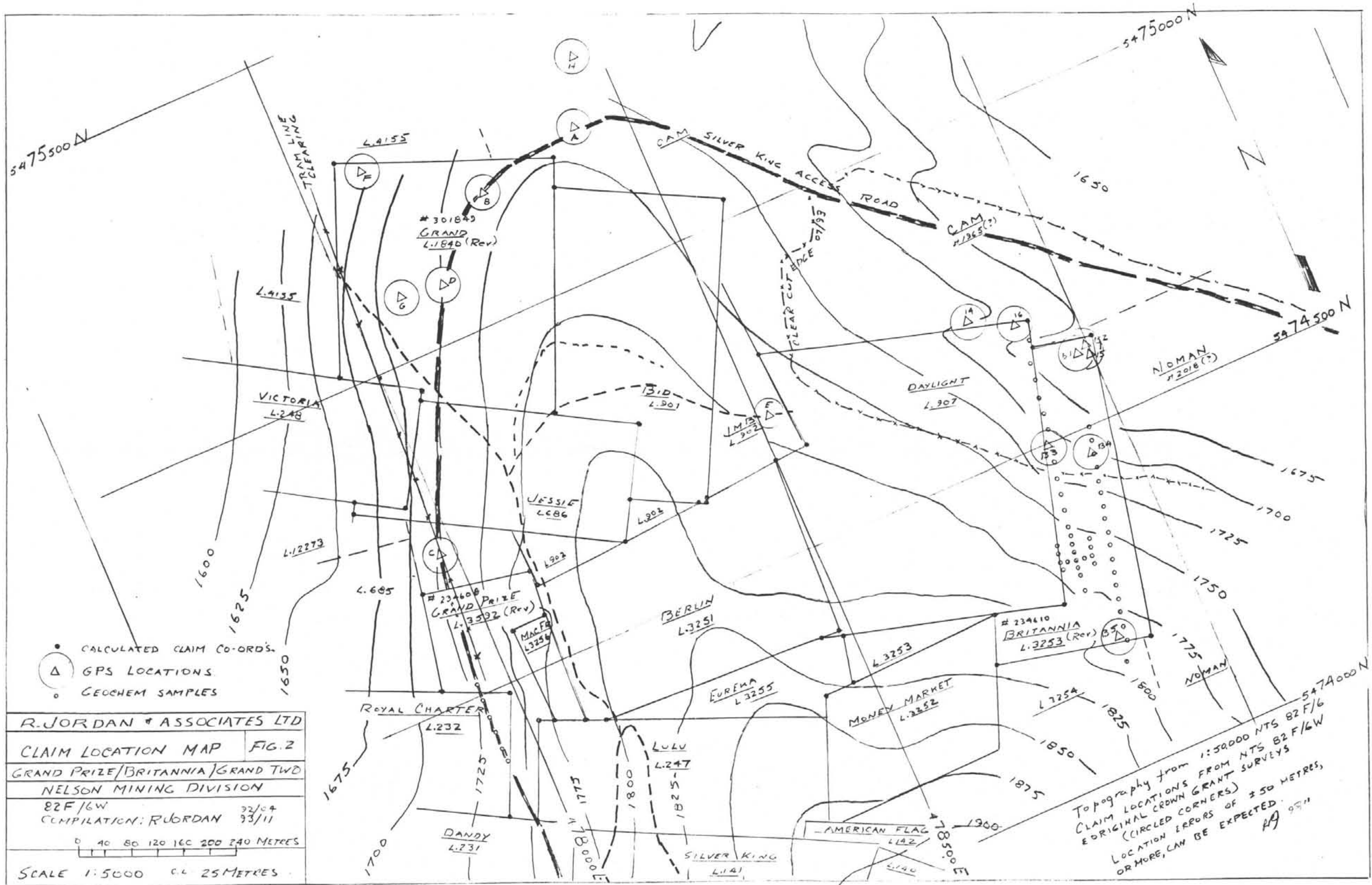
4WD transport 34 kms.@ 0.30	10.20
Labour 12 hours @17.00	204.00
Supervision/planning	350.00
GPS rental	41.73
Report Preparation	150.00
Assay costs	16.85
Travel & accomodation BC border to Nelson \$546.60/3	182.20
TOTAL	\$954.98

7.0 AUTHOR'S QUALIFICATIONS

I hereby certify that I am registered as a Professional Engineer (Geological) in the province of British Columbia, registration number 4707.

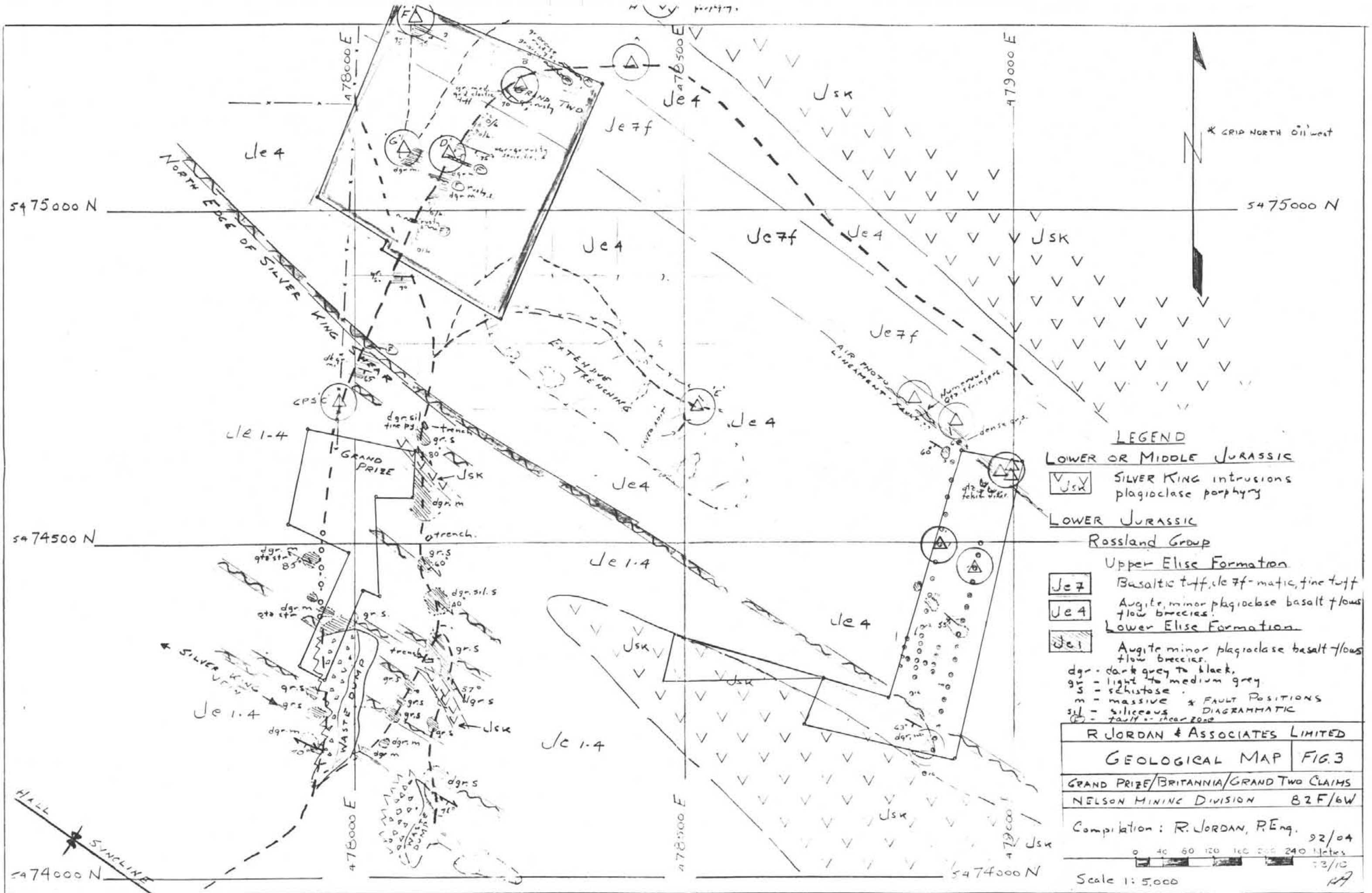
January, 1994





R. JORDAN & ASSOCIATES LTD
 CLAIM LOCATION MAP FIG. 2
 GRAND PRIZE / BRITANNIA / GRAND TWO
 NELSON MINING DIVISION
 82F/6W
 COMPILATION: R. JORDAN 32/04
 33/11
 0 40 80 120 160 200 240 METRES
 SCALE 1:5000 CL 25 METRES

Topography from 1:50000 NTS 82F/6
 CLAIM LOCATIONS FROM NTS 82F/6W
 ORIGINAL CROWN GRANT SURVEYS
 (CIRCLED CORNERS)
 LOCATION ERRORS OF ± 50 METRES,
 OR MORE, CAN BE EXPECTED. RA 9511



- LEGEND**
- LOWER OR MIDDLE JURASSIC**
 - V Jsk SILVER KING intrusions
plagioclase porphyry
 - LOWER JURASSIC**
 - Rosland Group**
 - Upper Elise Formation**
 - Je 7 Basaltic tuff, Je 7f-matic, fine tuff
 - Je 4 Augite, minor plagioclase basalt flows
flow breccias.
 - Lower Elise Formation**
 - Je 1 Augite minor plagioclase basalt flows
flow breccias.
 - dgr - dark grey to black,
 - gr - light to medium grey
 - s - schistose
 - m - massive
 - sil - siliceous
 - ⊗ - FAULT POSITIONS
 - ⊕ - DIAGRAMMATIC
 - ⊖ - fault - shear zone

R JORDAN & ASSOCIATES LIMITED

GEOLOGICAL MAP | FIG. 3

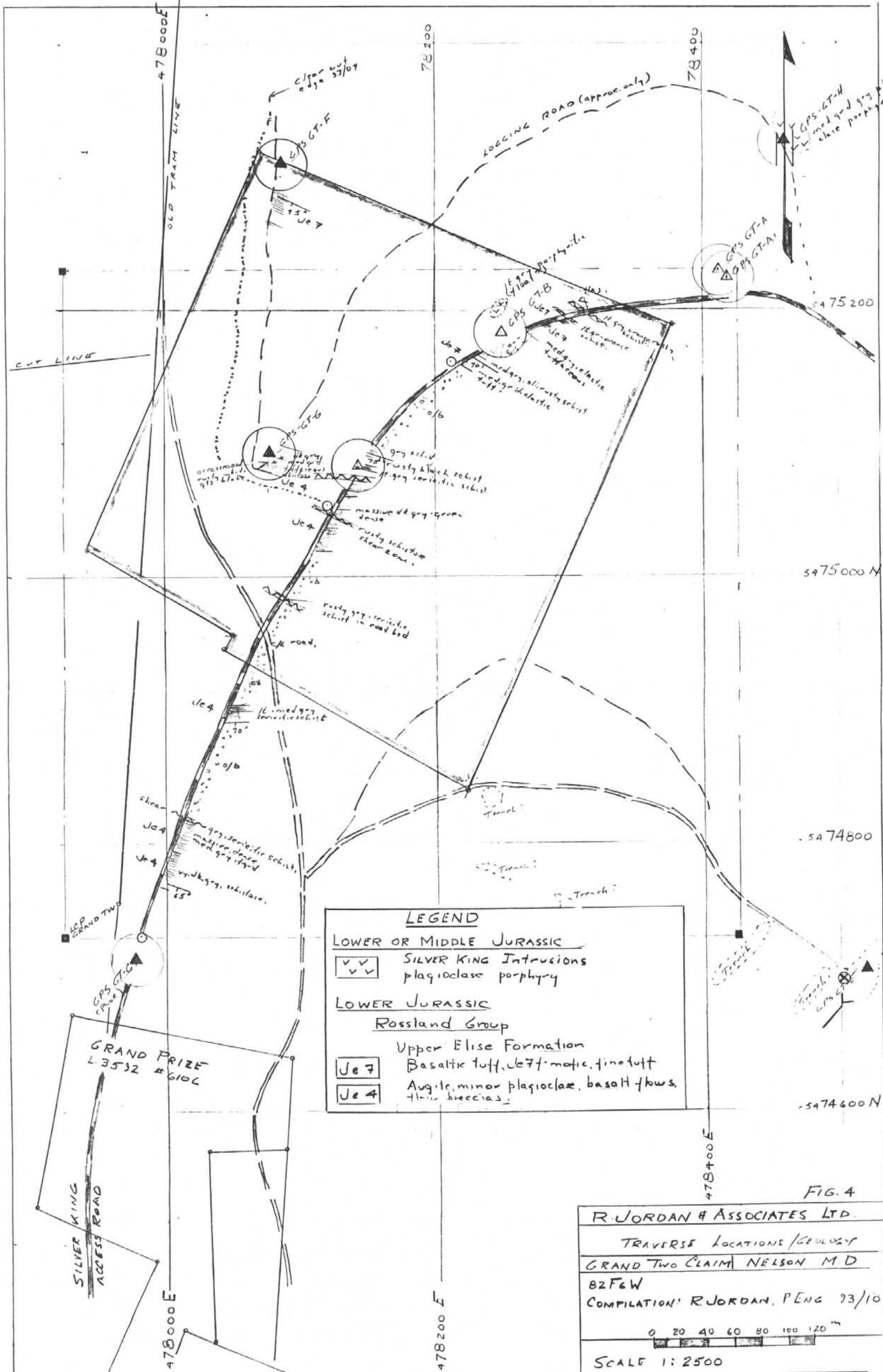
GRAND PRIZE/BRITANNIA/GRAND TWO CLAIMS

NELSON MINING DIVISION B2F/6W

Compilation: R. JORDAN, P. Eng. 92/04

0 40 80 120 160 200 240 Meters 93/10

Scale 1: 5,000



LEGEND

LOWER OR MIDDLE JURASSIC	
	SILVER KING Intrusions plagioclase porphyry
LOWER JURASSIC	
Rosland Group	
Upper Elise Formation	
	Basaltic tuff, Je 7f-matic, fine tuff
	Augite, minor plagioclase, basalt flows, thin breccias

FIG. 4

R. JORDAN & ASSOCIATES LTD.
 TRAVERSE LOCATIONS / GEOLOGY
 GRAND TWO CLAIM NELSON M.D.
 82F&W
 COMPILATION: R. JORDAN, PENG 93/10

0 20 40 60 80 100 120 m

SCALE 1:2500