White Rock Claim Group
(ME-3844)
Assessment Report
for 1993 field work

Fording Coal Limited
Ross Griffiths
Project Geologist

January 1995

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Property Location:

The White Rock Claim group (ME3844) is located approximately 15 kilometers north of the City of Rossland, British Columbia. It is found on NTS map sheet 82F/4 at latitude 49° 9' 30" and longitude 117° 50'. The claim group is within the Trail Creek mining division. Access is from Highway 3B north from Rossland.

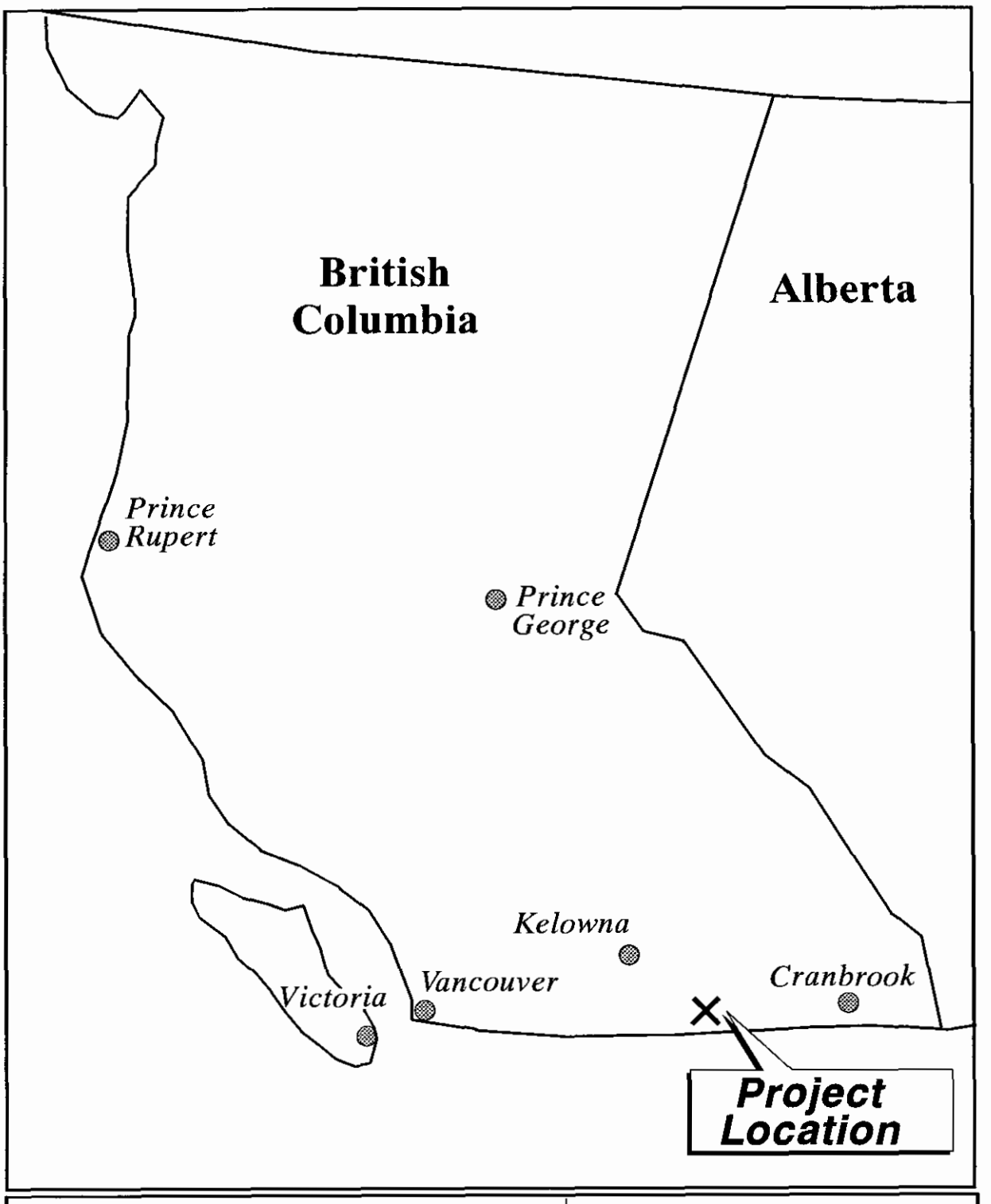
Ownership

The claims are held by Mr. Horst Klassen currently of Salmo, British Columbia. The operator for the 1993 field work was Fording Coal Limited, Calgary, Alberta.

New work summary

Fording Coal conducted a brief field program during 1993. This consisted of establishing a field grid; geological mapping and, ground magnetometer survey. This work was carried out under Approval Number NEL93-0500390-826 and reclamation permit number MX-5-269. Proposed follow up drilling was put on indefinite hold.

The field work was conducted and supervised by Ross Griffiths, project geologist, Fording Coal Limited.



White Rock Claim Project Location

Fording Coal Limited

Map 1

ORIGINAL PRODUCED AT 1:31680

METRES

500 0 500 1000 1500 2000

ADMINISTRATIVE AREAS

MINING DIVISIONS: TRAIL CREEK

LAND DISTRICTS:

ALIENATIONS

NO STAKING AREAS

NO STAKING RESERVES

PARKS

ECOLOGICAL RESERVES

RECREATION AREAS

INDIAN RESERVES

White Rock Claim Group

MINERAL RESERVE
B.C. REG. 144/89
1989 MAY 30
SUBJECT TO CONDITIONS

MINERAL AND PLACER RESERVE

Fording Coal Limited	Rossland
Location of White Rock Claim Group ME3844	
Date: Dec., 1994	Scale: 1:31,680
DRWG #: Map 2	

Approximate Boundary of Claim Group

Fording COAL LIMITED

Rossland

White Rock Claim
Area Topography

Date:	Scale:	DRWG #:
Dec., 1994	1:50,000	Map 3

Detailed summary of work

Field Survey Grid

For the purposes of control, we established a 25 x 25 metre grid system on the White Rock claim. The baseline was established approximately 30 metres east of the discovery outcrop. It was surveyed in at **North 8° East**.. The baseline extended 250 metres north of the discovery outcrop and 600 metres south. Lines were roughly brushed and flagged at 25 metre intervals east and west of the baseline. Maximum distance east was 100 metres. Maximum distance west was 150 metres. Actual layout can be seen on Fig. 1. Stations were established at 25 metre intervals along each line. Every station was marked with a survey stake and copious amounts of flagging.

Survey method was by chain and compass using a three man party.

Mapping

During the grid programme, outcrops and boulders were noted in the log book. If time permitted, details on rock type and attitude were recorded. Most outcrops were revisited by the field geologist at a later date for identification work.

Magnetometer Survey

A total field ground magnetometer survey was performed over a 7 day period. The equipment utilised consisted of two Scintrex proton precision magnetometers; model MP-3. One was used for the base station and the other for the survey station readings. The data was gathered by the field geologist and downloaded to a personal computer at the end of each working day.

For the purposes of diurnal correction, a base field of 56400 gammas was established.

The advent of electrical storms during two of the days forced the cancellation of the survey for those days. Repeat readings were taken for about 10 of the grid lines to make sure lightning had not interfered with the magnetic field.

RESULTS

Figure 2 is the summary of the geological mapping. The rock types used closely correspond to the rock types on Geological Survey of Canada map sheet 1504A.

The results of the magnetic survey are shown on Fig 3. The stations have been contoured at 100 gamma intervals. Readings below 56400 gammas are shown in green.

It was hoped that the wollastonite would reveal itself as definite magnetic lows. However, the area of the discovery outcrop does not show a well defined low. This suggested that total field magenetics may not be as useful as previously thought for locating wollastonite lenses.

The magnetometer data was sent to Associated Mining Consultants Limited, Calgary, Alberta. Their geophysicist was asked to review the results and give an opinion.

AMCL suggested that it was much more difficult for the magnetometer to pick out anomolous magnetic lows than highs. This is due to the low gradient difference between the wollastonite bearing rocks and the country rocks in general. They also produced a contour map of the magnetic data. It is shown in figure 4.

Further work on the property has been put on indefinite hold pending a review of all pertinent data.

STATEMENT OF QUALIFICATIONS

Operating Company

Fording Coal Limited
1000, 205 Ninth Ave. SE,
Calgary, Alberta. T2G 0R4
Company registered in Canada as a wholly owned subsidiary of Canadian Pacific Ltd.
Principle business is mining with operations in British Columbia and Alberta

Field geologist and author

Ross Griffiths, P.Eng
Fording Coal Limited
Project Geologist
Registered Professional Engineer in Province of Alberta
Ross has supervised and participated in field programs (drill supervision, core logging, mapping), on Fording Coal properties in British Columbia, Alberta and the United States. Ross has been employed by Fording for 10 years.

Geophysical Consultant

Associated Mining Consultants Ltd.
1401, 910 Seventh Ave. SW
Calgary, Alberta. T2P 3N8
Report Author: Mark Bowman, P.Geoph.

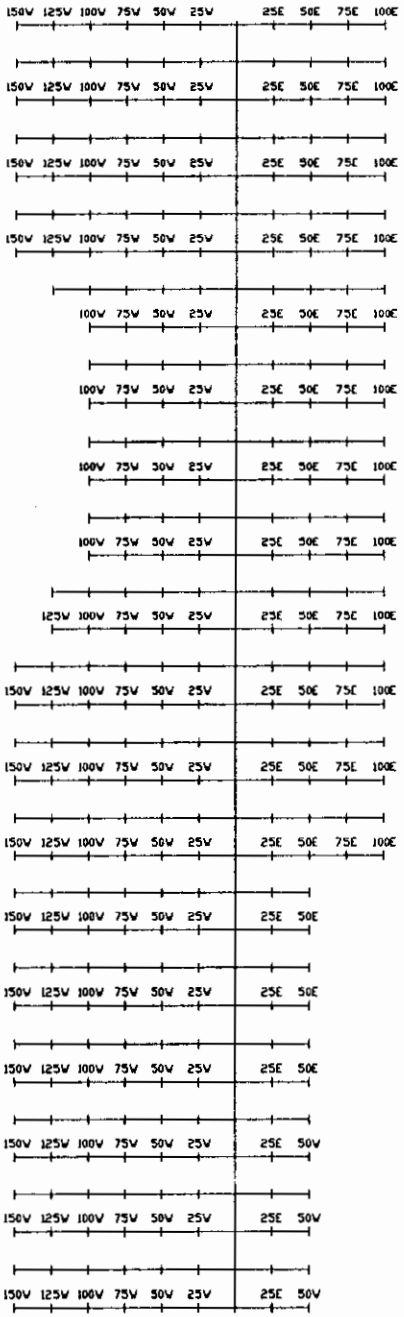
EXPENDITURES ON CLAIM - 1993

Magnetometer Rental	$2355.00
Survey Grid (labour)	$2195.00
Fording Field Expenses	$2427.50 [1]
Fording Field Supplies	$946.36 [2]
Office Expenses	$374.48
AMCL Consultant	$1024.53
Fording field staff wages $270/day * 31 man days	$8370.00
GRAND TOTAL	**$17692.87**

Notes:

(1) Includes accommodation, daily expenses and vehicle rental and fuel.

(2) Includes toll charges, safety supplies, survey supplies, storage rental for equipment, other field gear.



- 5250
- 5200
- 5150
- 5100
- 5050
- 5000
- 4950
- 4900
- 4850
- 4800
- 4750
- 4700
- 4650
- 4600
- 4550
- 4500
- 4450
- 4400

NORTH

MAP SCALE

0 150 m

FORDING COAL LIMITED

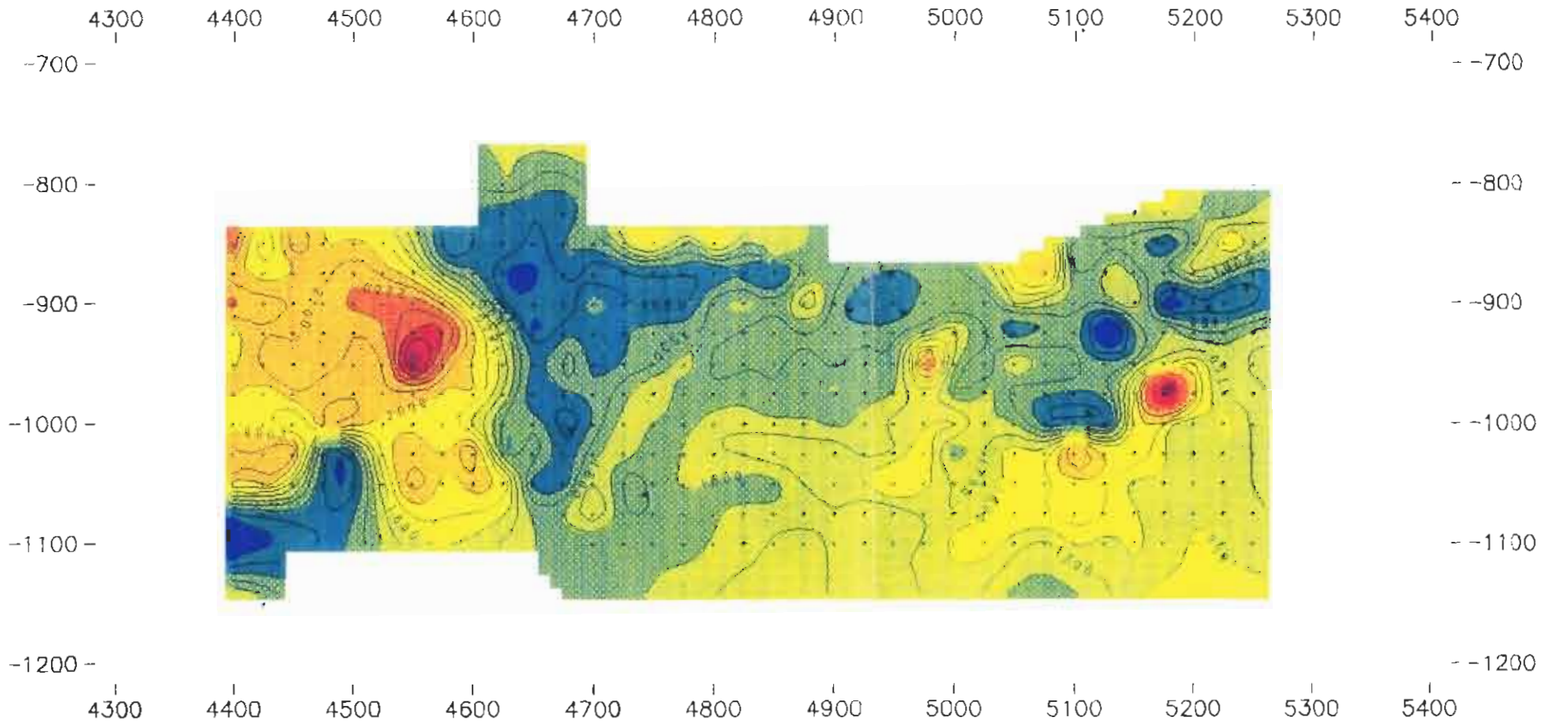
White Rock Claim Group
Geophysical Grid

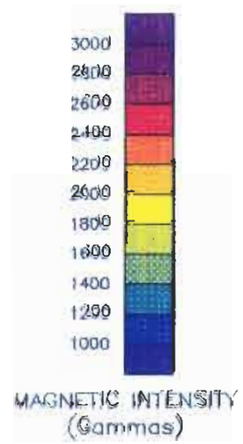
Fording COAL LIMITED

DATE: August 1993

SCALE: as above

FIGURE: 1





Scale 1:5000

50 0 50 100 150 200 250 300

(meters)

* Measurement Station

CORRECTED MAGNETIC INTENSITY (GAMMAS)
(55,000 gammas subtracted)

FORDING COAL LIMITED

TOTAL FIELD MAGNETOMETER SURVEY
FOSSLAND, BRITISH COLUMBIA

ASSOCIATED MINING CONSULTANTS LTD.

NORTH

5250 N 800

5250 N 1100

0 10 50 m

mrw
mrw
mrw
mrl
mrs
mrl & mrw
mrw
mrw
mrw
id
Prospector Adit
mrl
mrs
gd
Prospector Shaft
id
id ?
mrw
55
Discovery outcrop
30
mrs
84
mrw
mrl
This outcrop is 900E and 1420N of LCP.
mrs
mrl
mrw
mrs
mrs
mrs
mrs
80
mrs
gd
gd
gd
gd
qm
ev
qm
Highway 3B
Logging Trail
5025
5025
Baseline
4825 N 800
4825 N 1100
1200
1800

LEGEND :

TERTIARY

qm quartz monzonites (Coryell Batholith)

gd granodiorites

JURASSIC

ev volcanics (Rossland Group)

PENNSYLVANIAN
Mount Roberts Formation

mrs clastic meta sediments

mrl limestones, marbles

mrw wollastonite skarn

UNKNOWN

id intrusive dyke

OUTCROP

PROBABLE BOULDER X

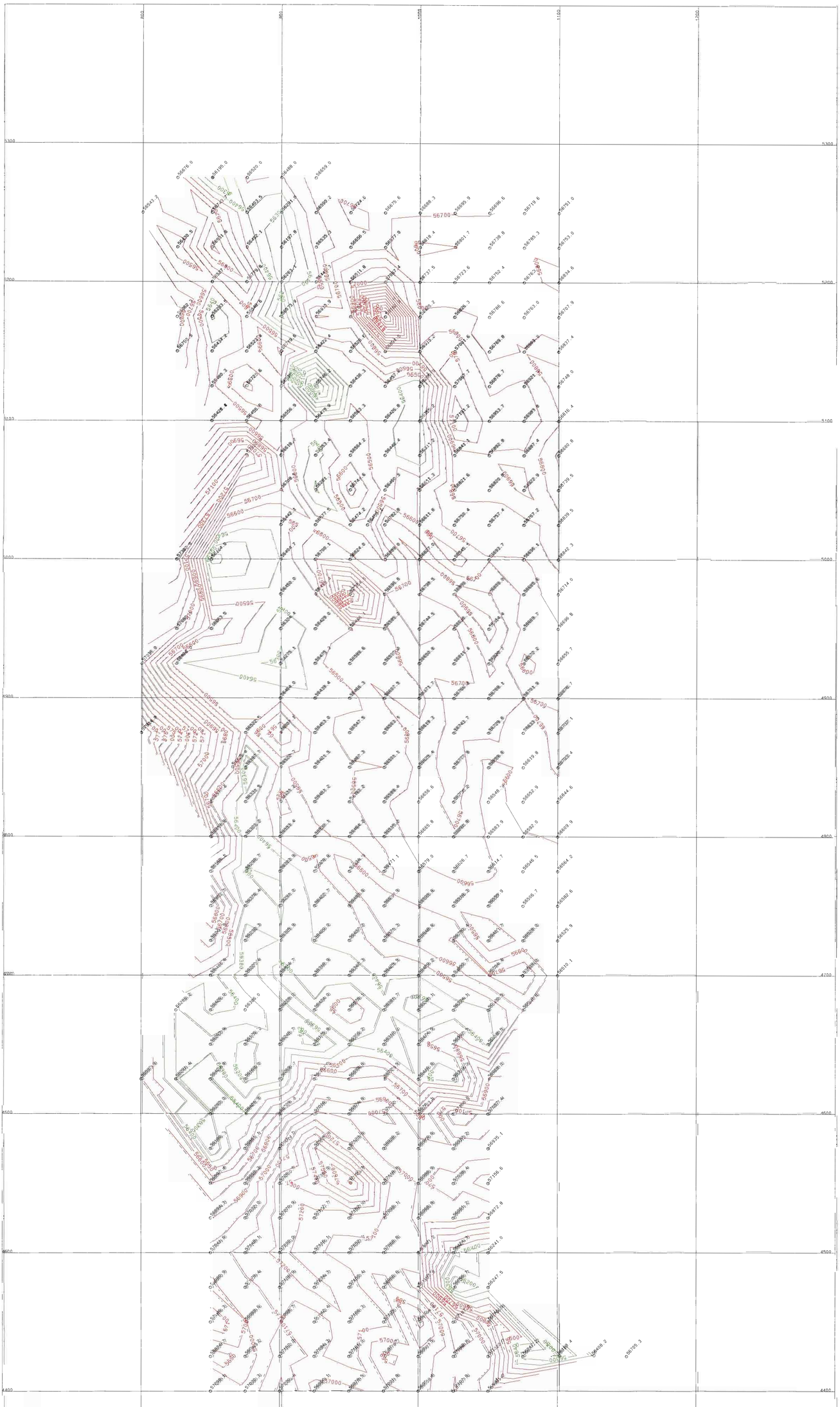
Fording Coal Limited

White Rock Claim Group
Bedrock Geology

Fording COAL LIMITED

Date: June, 1993 | Figure: 2

Scale: 1:1000



MAP SCALE

Fording COAL LIMITED

0 25 51 76

NO	DATE	MADE BY	DESCRIPTION
1			
2			
3			
4			
5			

REVISIONS

DATE	DRAWN BY	CHECKED	APPROVED
30-Jul-93	RTG		

CALGARY EXPLORATION AND DEVELOPMENT

WHITE ROCK CLAIM - GROUND MAGNETOMETER DATA (GAMMAS)

MAP INDEX NUMBER	SCALE	DRAWING NUMBER
	1:1000	FIGURE 3