

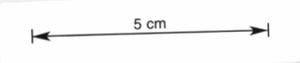
Iris River Area

Copper P.P.M.

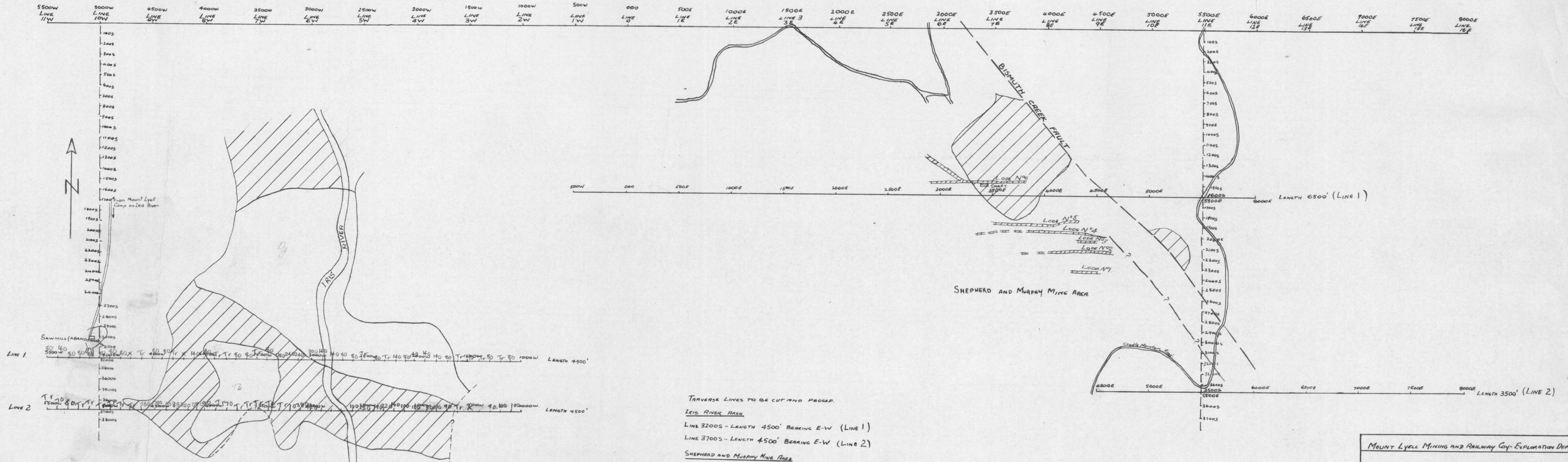
TRAVERSE LINES TO BE CUT AND PEGGED.

- IRIS RIVER AREA
 LINE 3200S - LENGTH 4500' BEARING E-W (LINE 1)
 LINE 3700S - LENGTH 4500' BEARING E-W (LINE 2)
- SHEPHERD AND MURPHY MINE AREA
 LINE 1600S - LENGTH 6500' BEARING E-W (LINE 1)
 LINE 3500S - LENGTH 3500' BEARING E-W (LINE 2)
 TOTAL LENGTH 19,000'

03-4918



MOUNT LYELL MINING AND RAILWAY COY. EXPLORATION DEP.
MOINA E.L. 8/65
 GEOPHYSICAL GRID LINES - IRIS RIVER AND
 SHEPHERD AND MURPHY MINE AREAS.
 SCALE 1" = 500' DEC. 1969.
R.G.B.



TRAVERSE LINES TO BE CUT AND PEGGED.

IRIS RIVER AREA

LINE 3200S - LENGTH 4500' BEARING E-W (LINE 1)

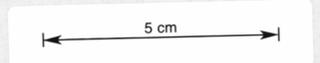
LINE 3700S - LENGTH 4500' BEARING E-W (LINE 2)

SHEPHERD AND MURPHY MINE AREA

LINE 1600S - LENGTH 6500' BEARING E-W (LINE 1)

LINE 3500S - LENGTH 3500' BEARING E-W (LINE 2)

TOTAL LENGTH 19000'



03-4918

MOUNT LYELL MINING AND RAILWAY COY-EXPLORATION DEPT.

MOINA E.L. 8/65

GEOPHYSICAL GRID LINES - IRIS RIVER AND SHEPHERD AND MURPHY MINE AREAS.

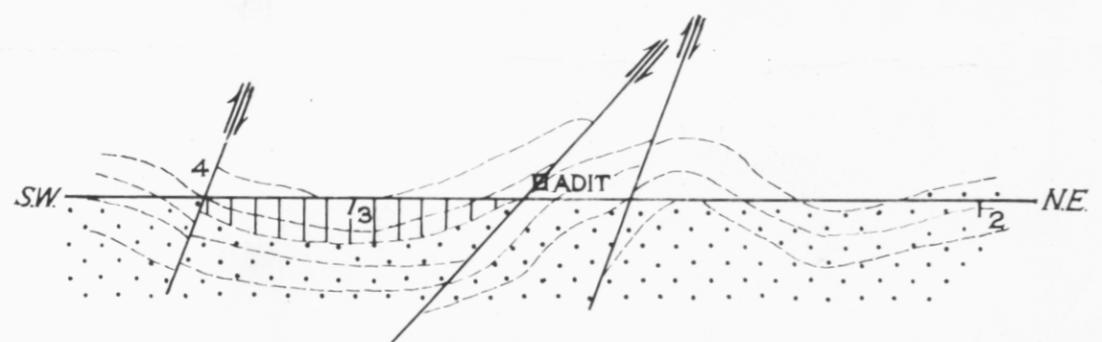
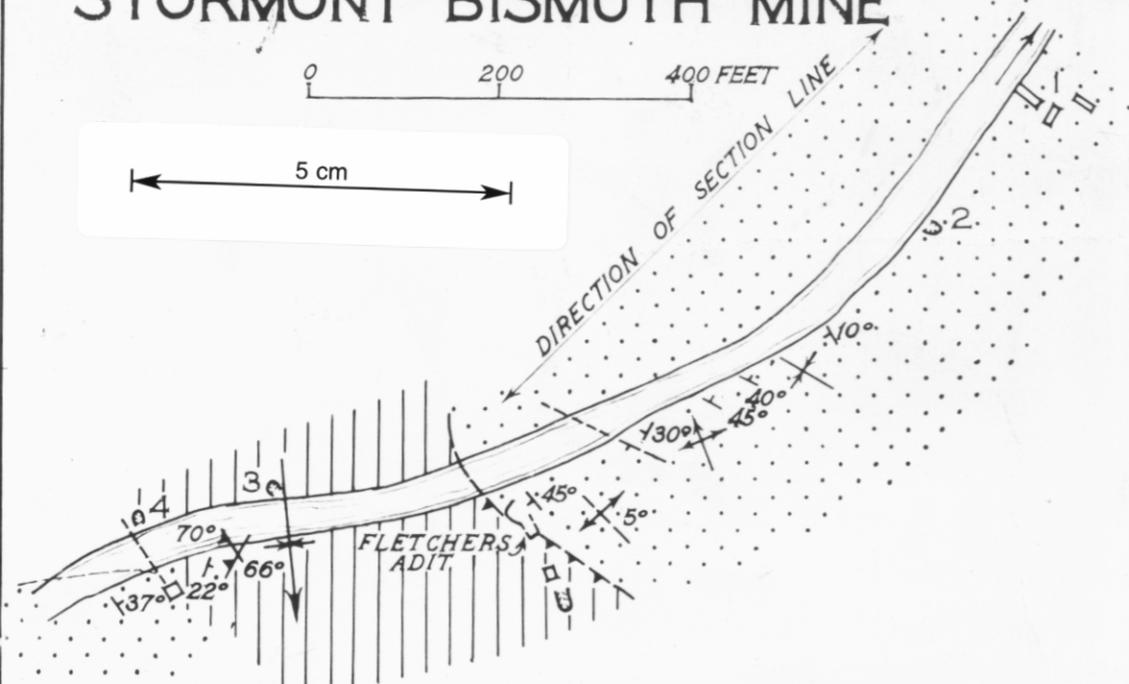
SCALE 1" = 500'

DEC. 1969.

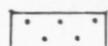
R.G.B.

03-4918

LODE DEPOSITS STORMONT BISMUTH MINE

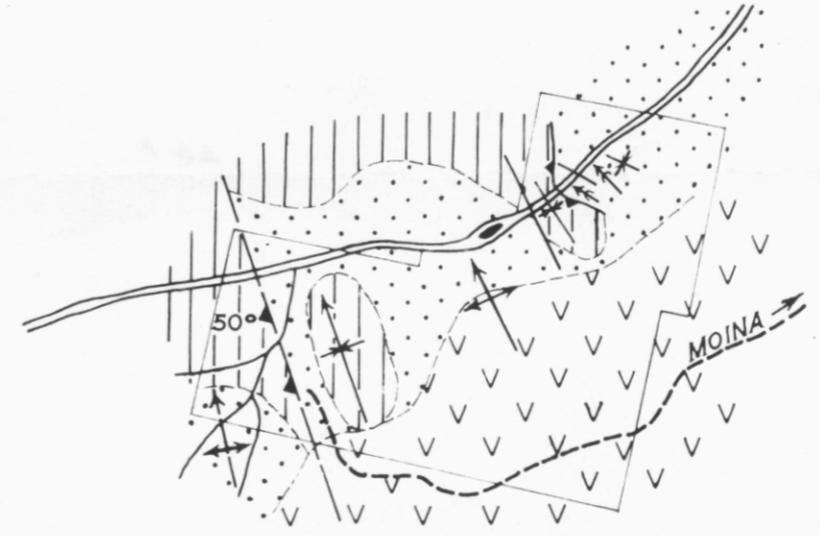


— LEGEND —

- BASALT 
- SKARN ROCK 
- MOINA SANDSTONE 
- WORKINGS 

- FAULT WITH DIP OF FAULT PLANE 
- DIP OF BEDDING OR BANDING 
- DIP OF PROMINENT JOINTING 
- FOLD AXIS WITH PLUNGE 

GENERAL GEOLOGY (BASED UPON RECORDS)

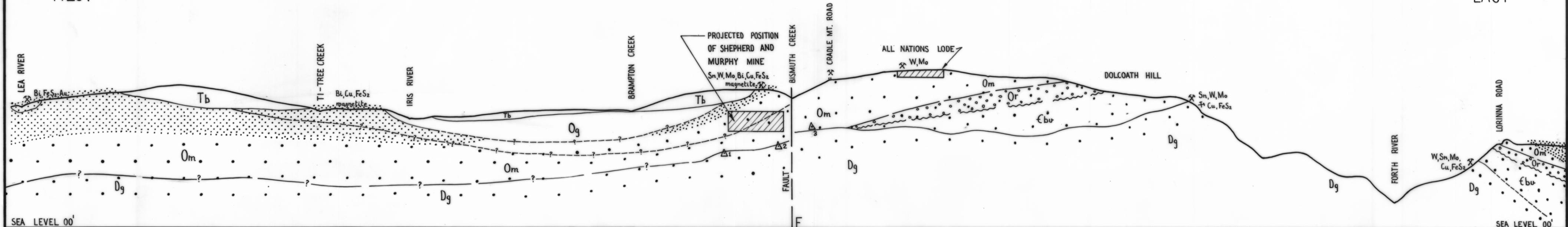


0 20 CHS.

K.L. BURNS GEOLOGIST
1958

WEST

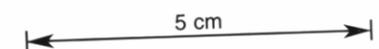
EAST



LEGEND

TERTIARY	Tb	BASALT	CAMBRIAN	Ebv	BULL CREEK VOLCANICS
ORDOVICIAN	Og	GORDON LIMESTONE	DEVONIAN	Dg	DOLCOATH GRANITE
		SKARN			Sn-W-Mo ZONE
	Om	MOINA SANDSTONE			Bi-Cu ZONE
	Or	ROLAND CONGLOMERATE		Δ	DIAMOND DRILL HOLE

03-491S



SCHMATIC GEOLOGICAL SECTION SHOWING MINERAL ZONING

HORIZONTAL SCALE: 4 INCHES = 1 MILE

VERTICAL SCALE: 1 INCH = 1,000 FEET

03.4918

MOINA AREA E.L. 8/65

GEOLOGICAL MAPPING

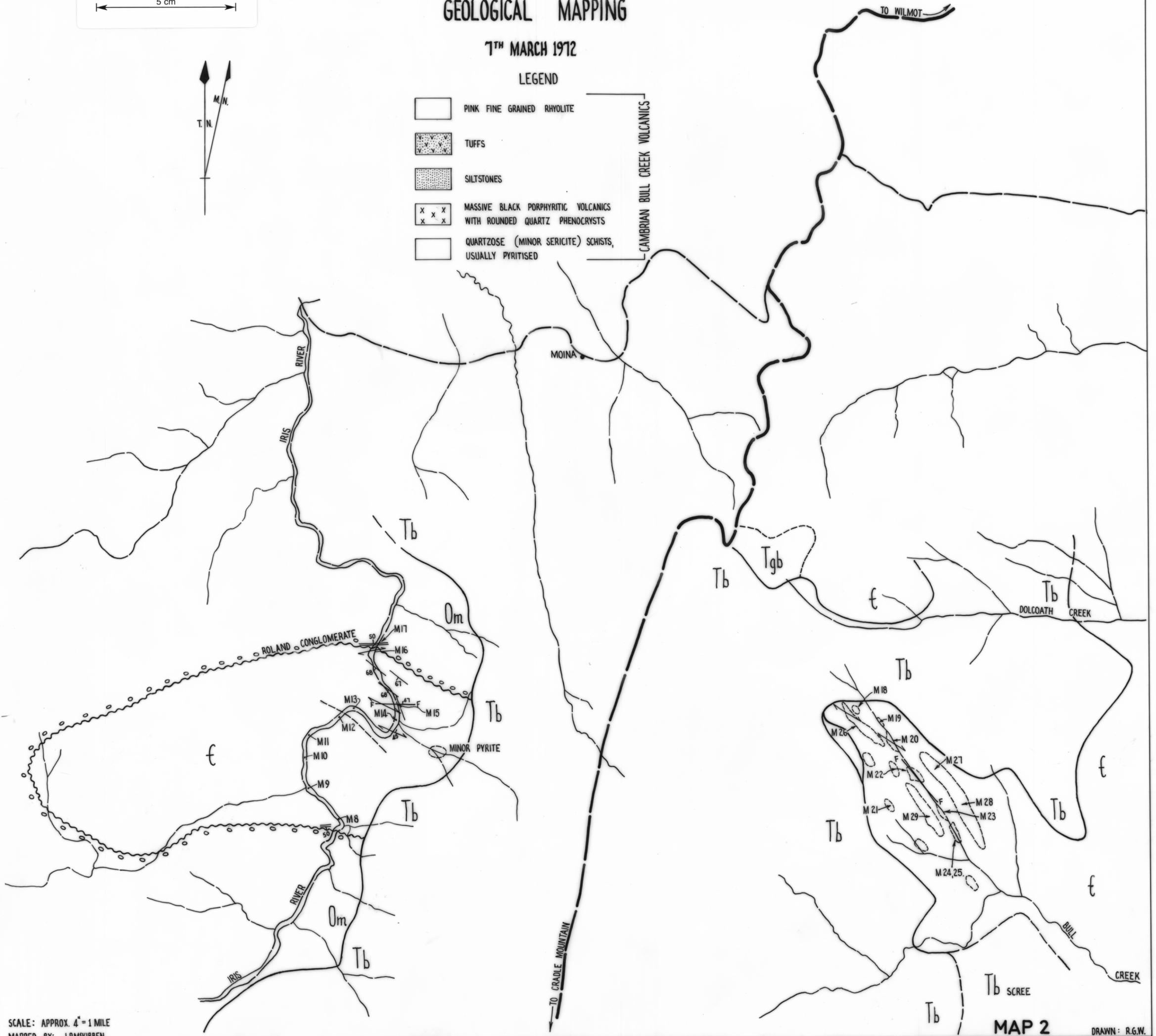
7TH MARCH 1972

5 cm

LEGEND

-  PINK FINE GRAINED RHYOLITE
-  TUFFS
-  SILTSTONES
-  MASSIVE BLACK PORPHYRITIC VOLCANICS WITH ROUNDED QUARTZ PHENOCRYSTS
-  QUARTZOSE (MINOR SERICITE) SCHISTS, USUALLY PYRITISED

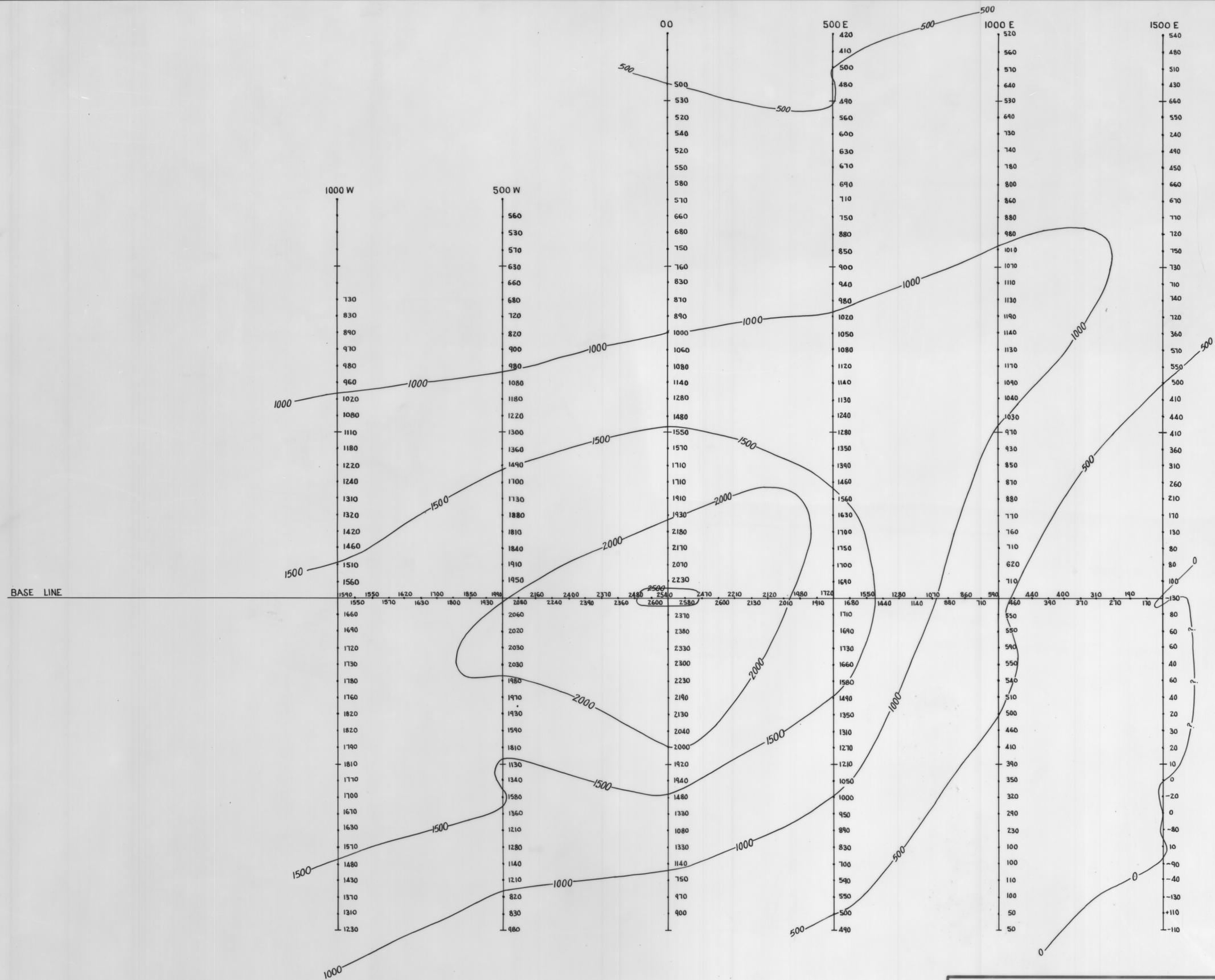
CAMBRIAN BULL CREEK VOLCANICS



SCALE: APPROX. 4" = 1 MILE
 MAPPED BY: J.P.M'KIBBEN

MAP 2

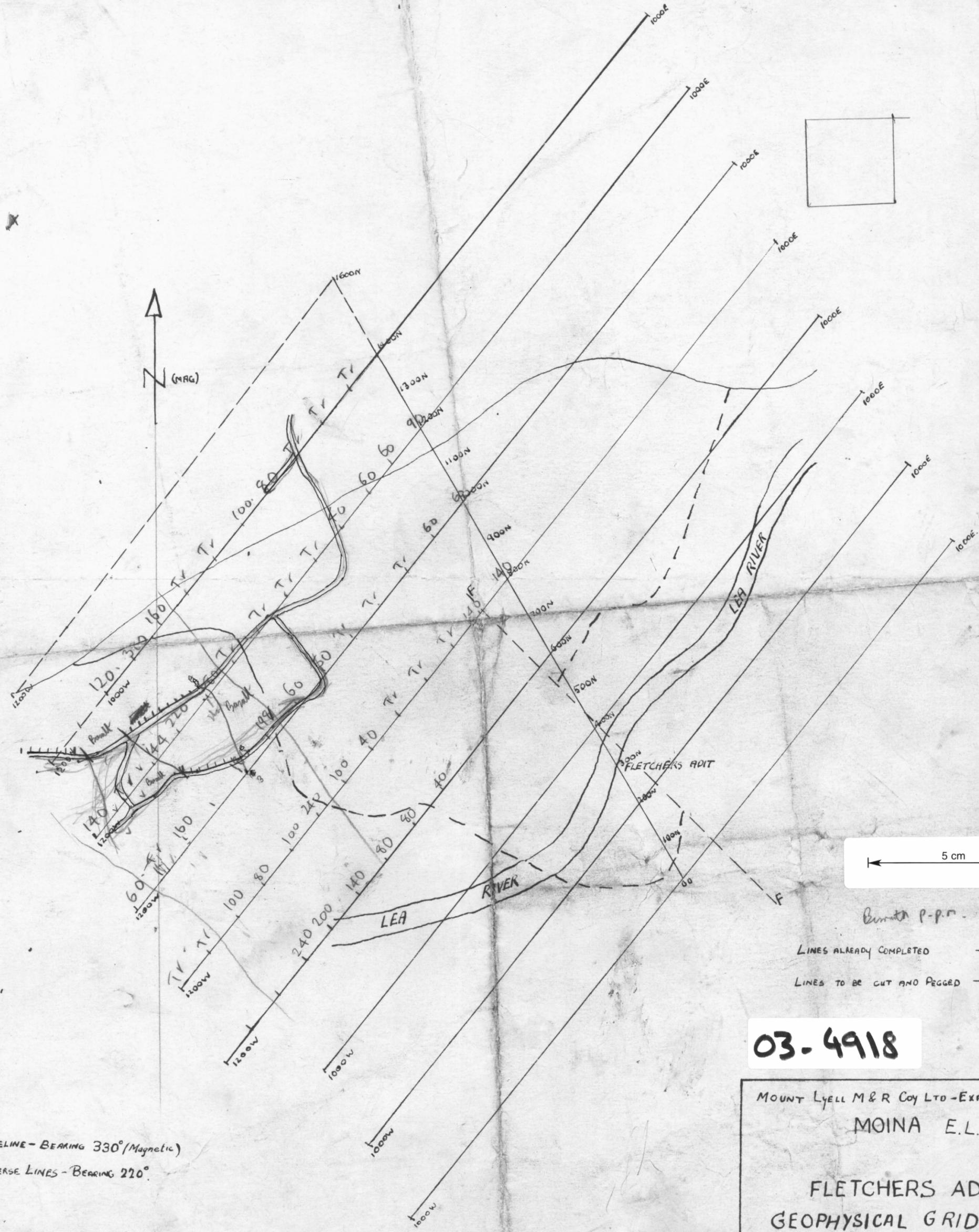
DRAWN: R.G.W.



03-4918



THE MOUNT LYELL M. & R. COY. LTD.	
GEOLOGICAL DEPARTMENT	
DRAWN BY	R.G.W.
TRACED BY	R.G.W.
CHECKED BY	L.A.N.
DATE	3-9-70
SCALE	1" : 200'
LEA RIVER 'F' GRID GROUND MAGNETIC SURVEY	
MAP 19	



BASELINE - BEARING 330° (Magnetic)
 TRAVERSE LINES - BEARING 220°

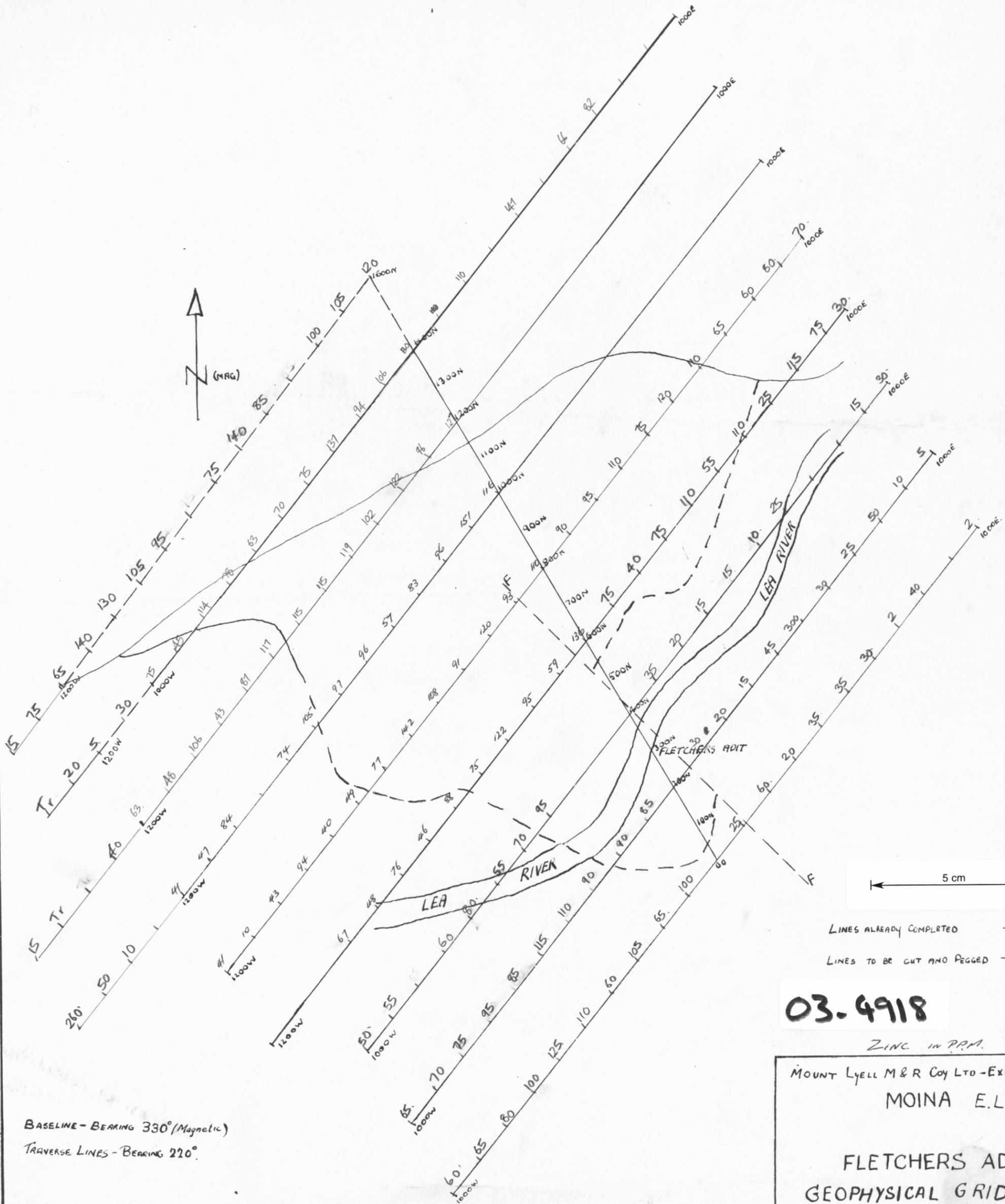
5 cm

Burns P.P.M.

LINES ALREADY COMPLETED ———
 LINES TO BE CUT AND PEGGED - - -

03-4918

MOUNT LYELL M & R COY LTD - EXPLORATION DEPT.
 MOINA E.L. 8/65
FLETCHERS ADIT
GEOPHYSICAL GRID LINES
 SCALE 200' = 1"



BASELINE - BEARING 330° (Magnetic)
 TRAVERSE LINES - BEARING 270°

LINES ALREADY COMPLETED

LINES TO BE CUT AND PEGGED

03.4918

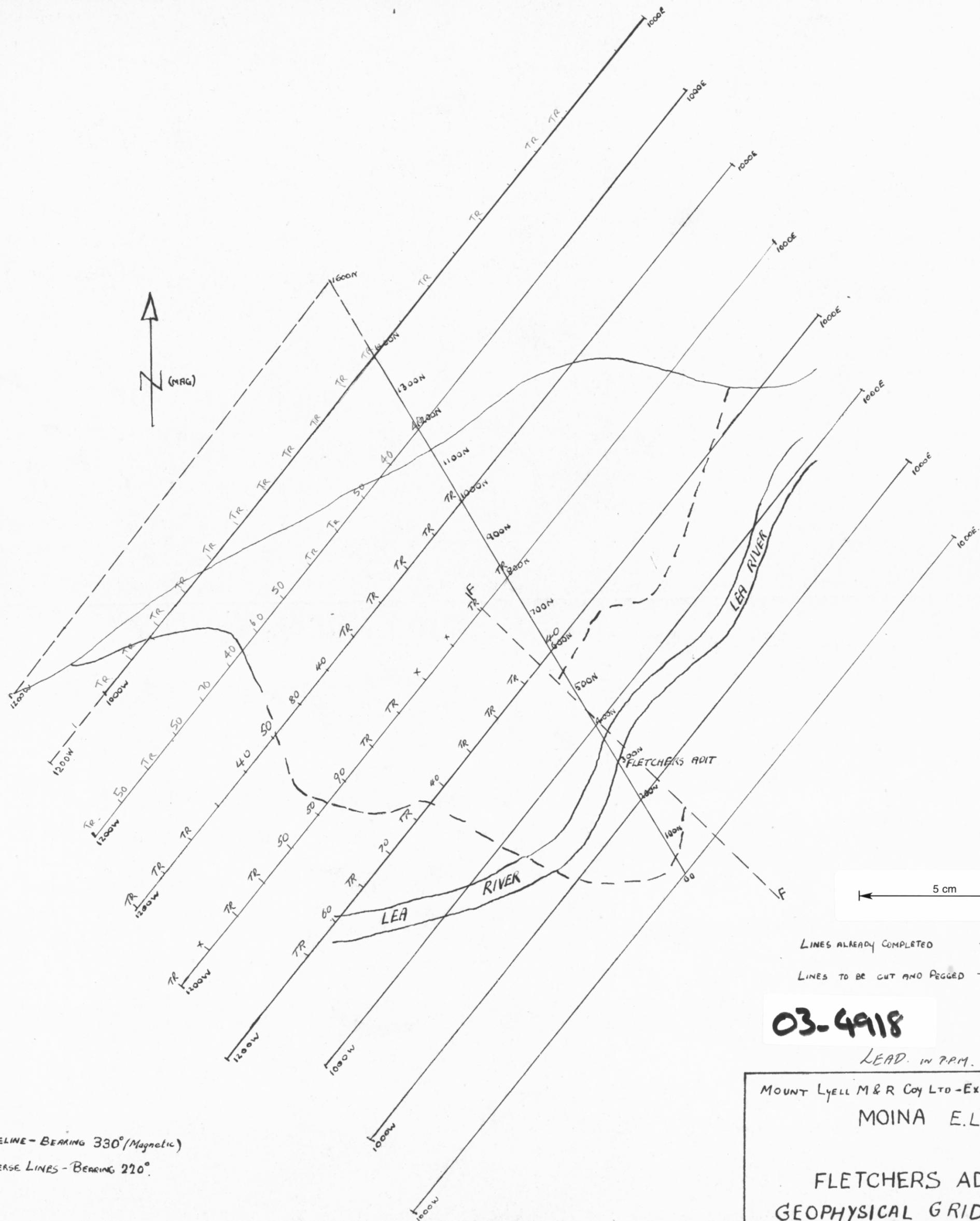
ZINC IN P.P.M.

MOUNT LYELL M & R Coy LTD - EXPLORATION DEPT.

MOINA E.L. 8/65

FLETCHERS ADIT
 GEOPHYSICAL GRID LINES

SCALE 200' = 1"



BASELINE - BEARING 330° (Magnetic)
 TRAVERSE LINES - BEARING 220°

03-4918

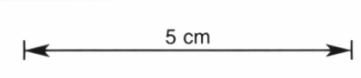
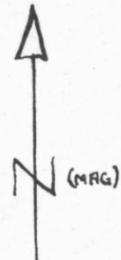
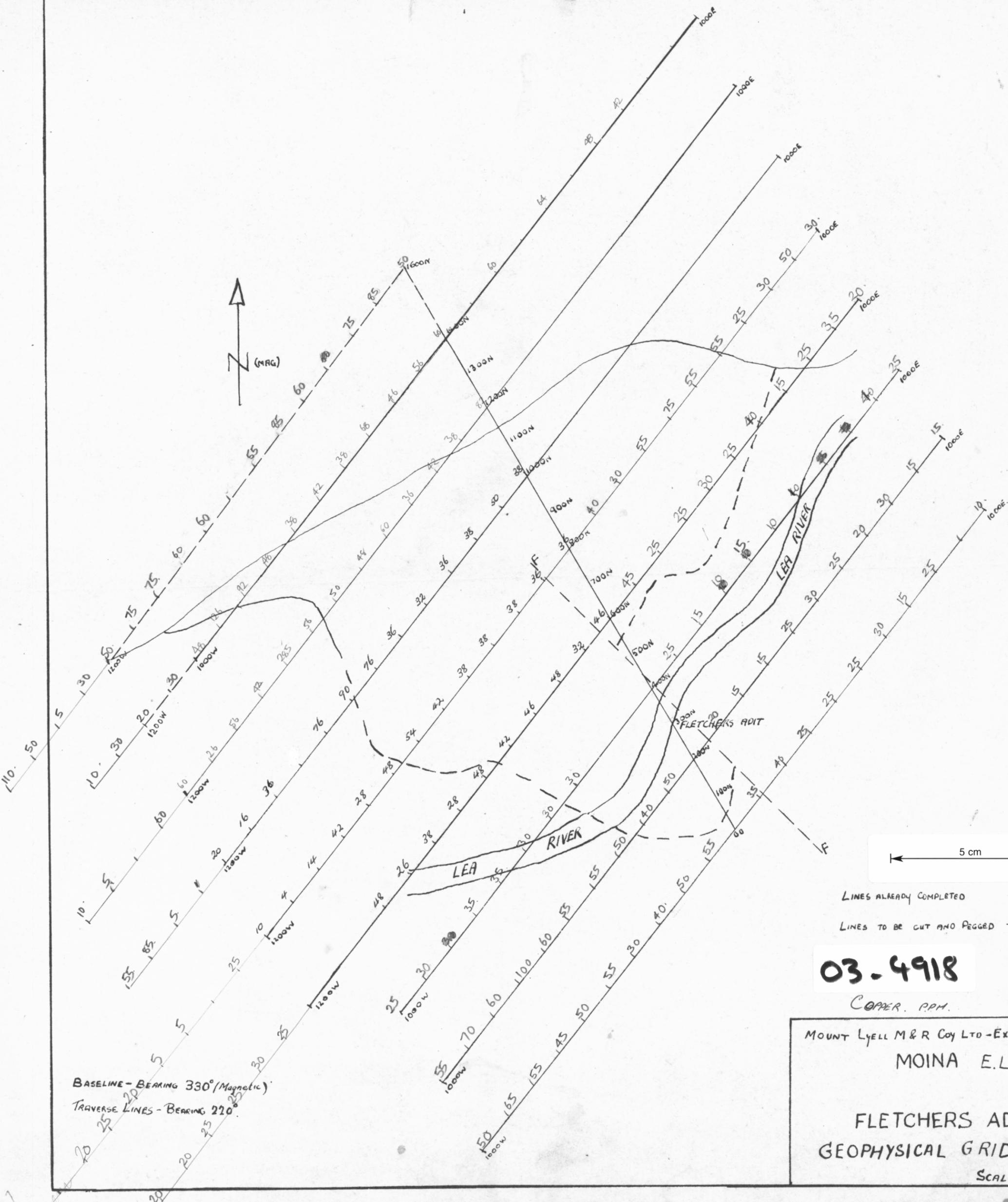
LEAD. in P.P.M.

MOUNT LYELL M & R Coy LTD - EXPLORATION DEPT.

MOINA E.L. 8/65

FLETCHERS ADIT
 GEOPHYSICAL GRID LINES

SCALE 200' = 1"



 LINES ALREADY COMPLETED
 - - - - -
 LINES TO BE CUT AND PEGGED

03-4918

COPPER. P.P.H.

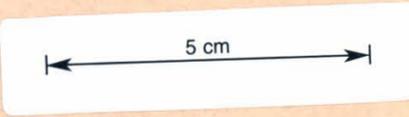
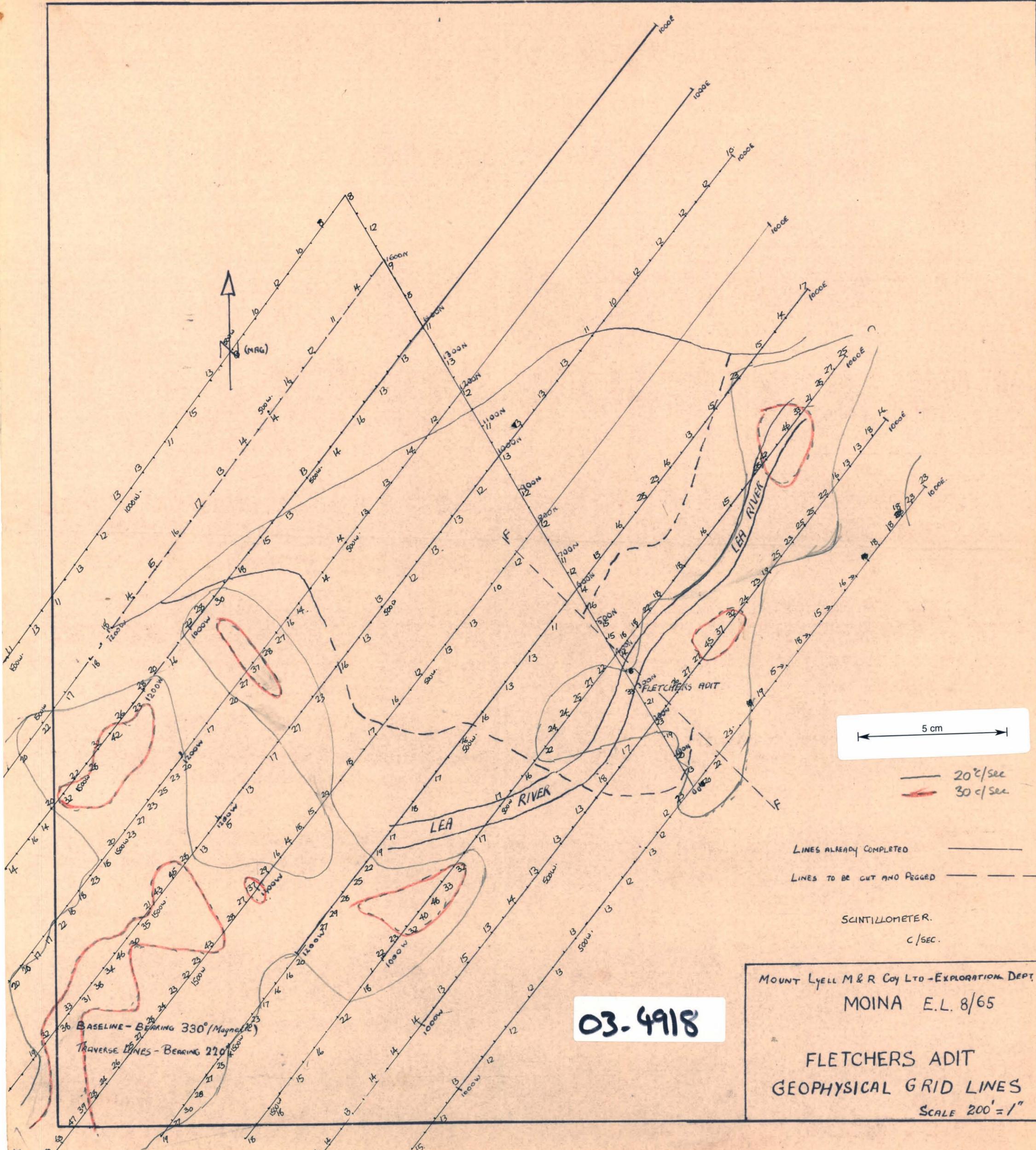
MOUNT LYELL M & R Coy LTD - EXPLORATION DEPT.

MOINA E.L. 8/65

FLETCHERS ADIT
GEOPHYSICAL GRID LINES

SCALE 200' = 1"

BASELINE - BEARING 330° (Magnetic)
 TRAVERSE LINES - BEARING 220°



— 20 c/sec
 — 30 c/sec

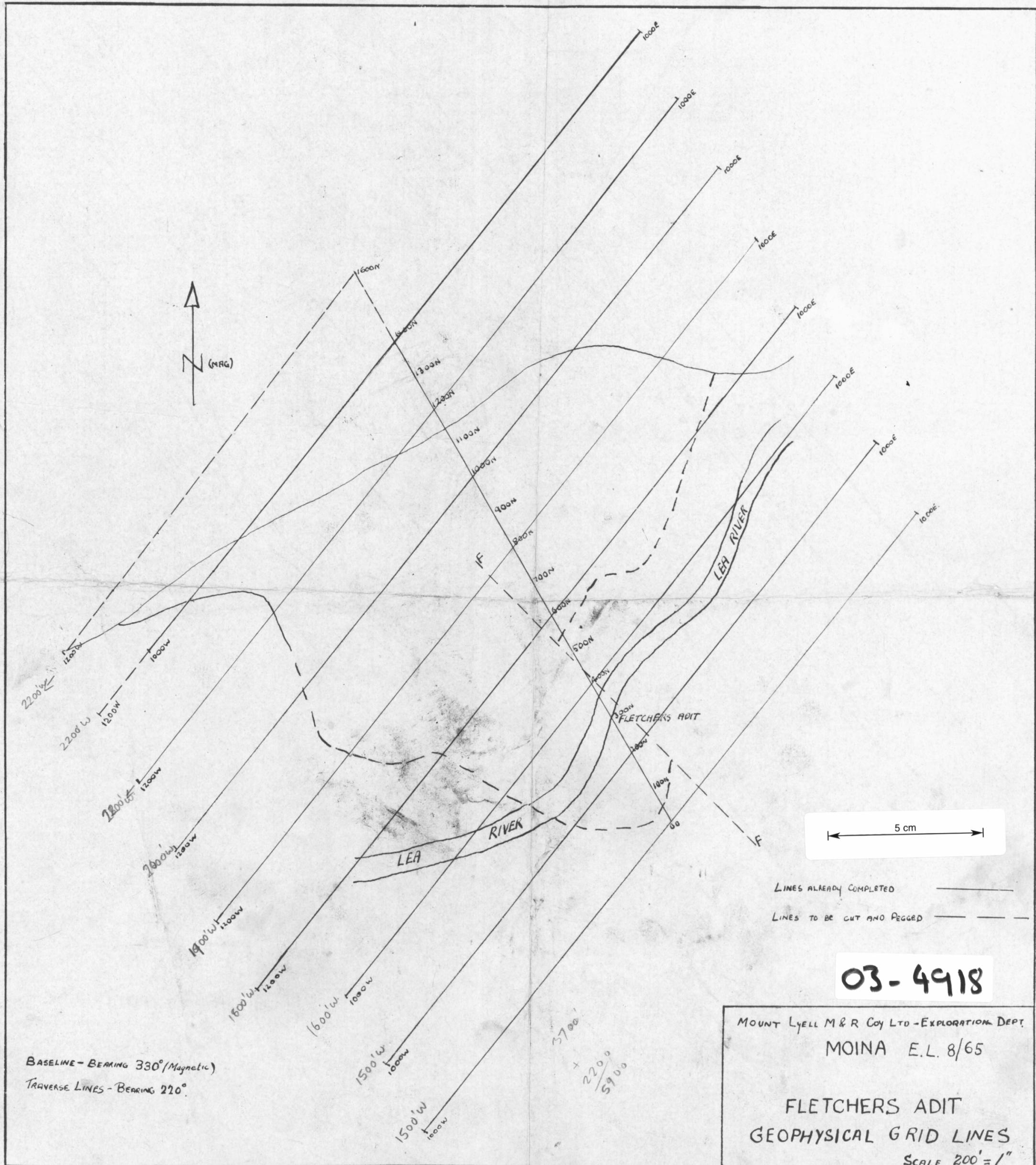
— LINES ALREADY COMPLETED
 - - - LINES TO BE CUT AND PEGGED

SCINTILLOMETER.
 C/SEC.

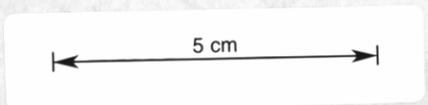
03-4918

MOUNT LYELL M & R COY LTD - EXPLORATION DEPT.
 MOINA E.L. 8/65
 FLETCHERS ADIT
 GEOPHYSICAL GRID LINES
 SCALE 200' = 1"

BASELINE-BEARING 330° (Magnetic)
 TRAVERSE LINES-BEARING 220°



BASELINE - BEARING 330° (Magnetic)
 TRAVERSE LINES - BEARING 210°

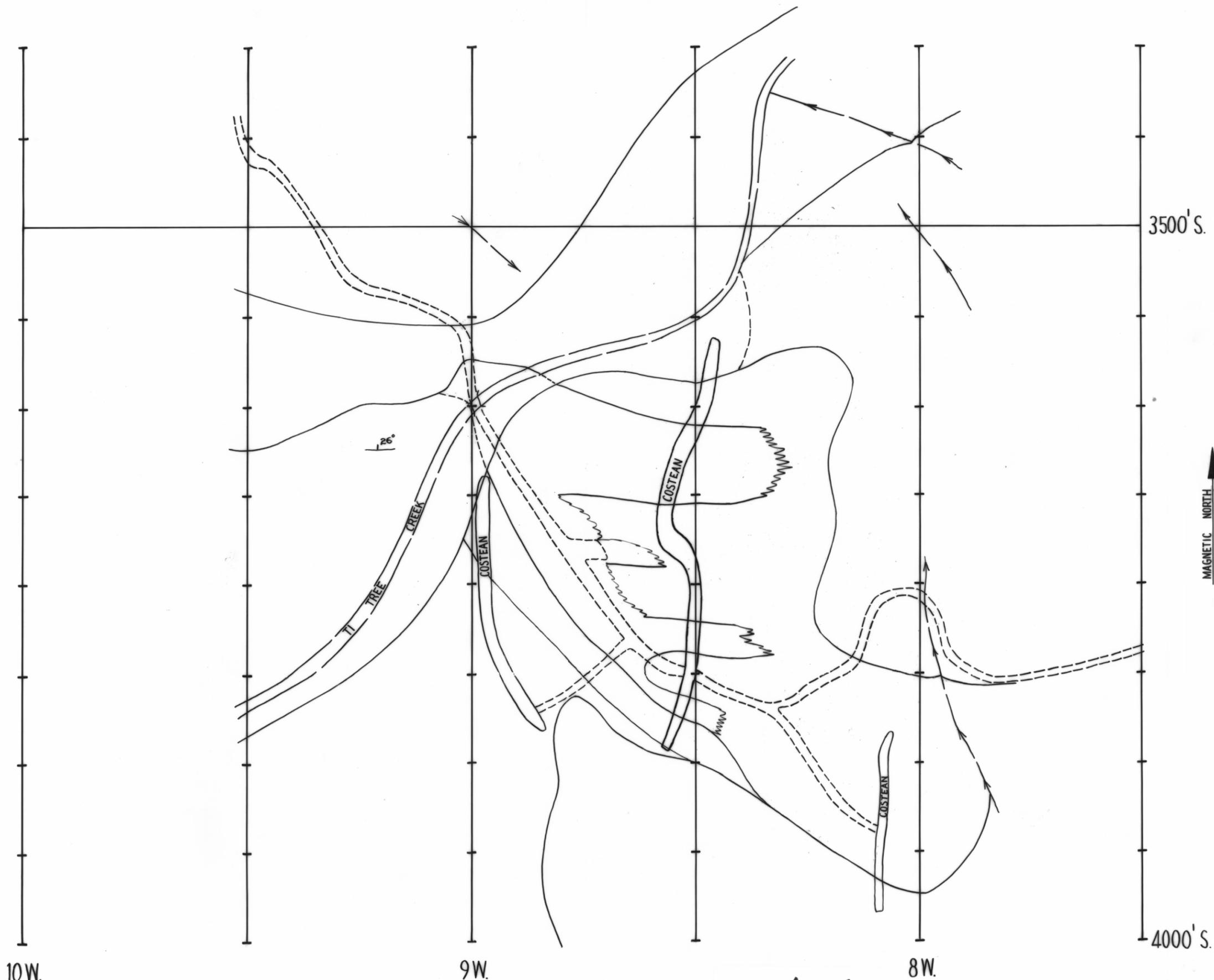


LINES ALREADY COMPLETED ———
 LINES TO BE CUT AND PEGGED - - -

03-4918

MOUNT LYELL M & R COY LTD - EXPLORATION DEPT.
 MOINA E.L. 8/65
 FLETCHERS ADIT
 GEOPHYSICAL GRID LINES
 SCALE 200' = 1"

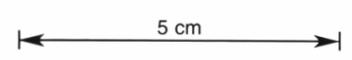
3700'
 + 2200'
 5900'



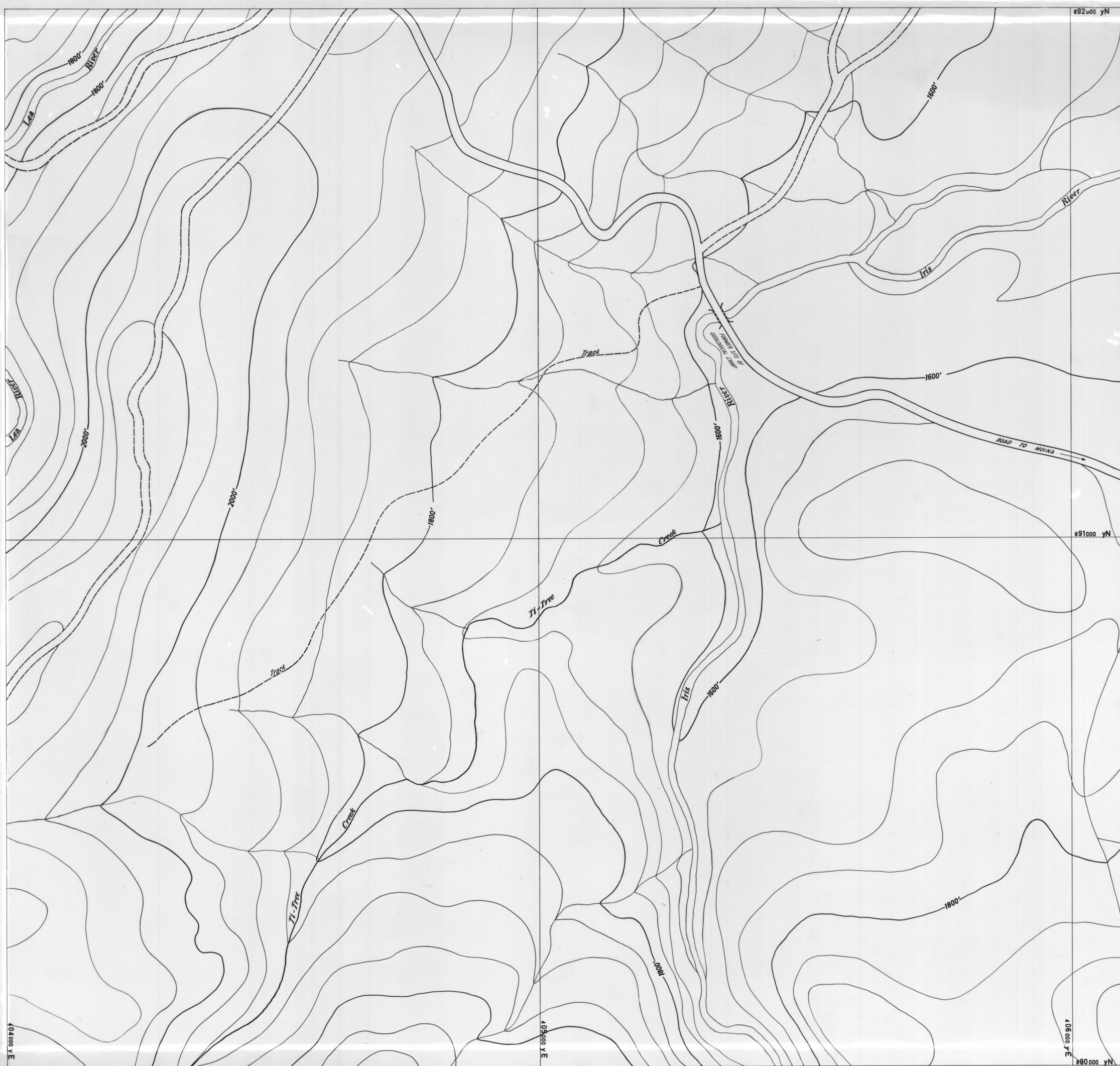
03-4918

LEGEND

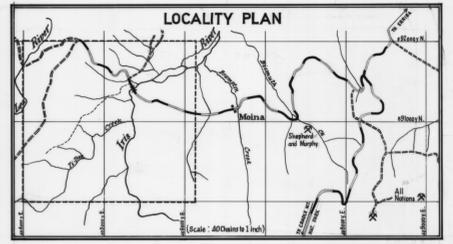
- | | |
|--|--|
| <input type="checkbox"/> RIVER GRAVELS AND ALLUVIUM | <input type="checkbox"/> MAGNETIFEROUS, CHLORITISED SKARN |
| <input type="checkbox"/> TERTIARY BASALT | <input type="checkbox"/> "TRANSITION BEDS" - SILTSTONE AND SANDSTONE |
| <input type="checkbox"/> TERTIARY "GREYBILLY" | <input type="checkbox"/> MOINA SANDSTONE |
| <input type="checkbox"/> GARNETIFEROUS "CALC SILICATE" SKARN | |



THE MOUNT LYELL M. & R. COY. LTD. EXPLORATION DEPARTMENT TI - TREE CREEK GRID GEOLOGICAL MAP	DRAWN BY. J.P.MCK. TRACED BY. R.G.W. CHECKED BY. J.P.MCK. DATE. 18-8-'71 SCALE. 1" = 100' 1 : 1200
	MAP 9



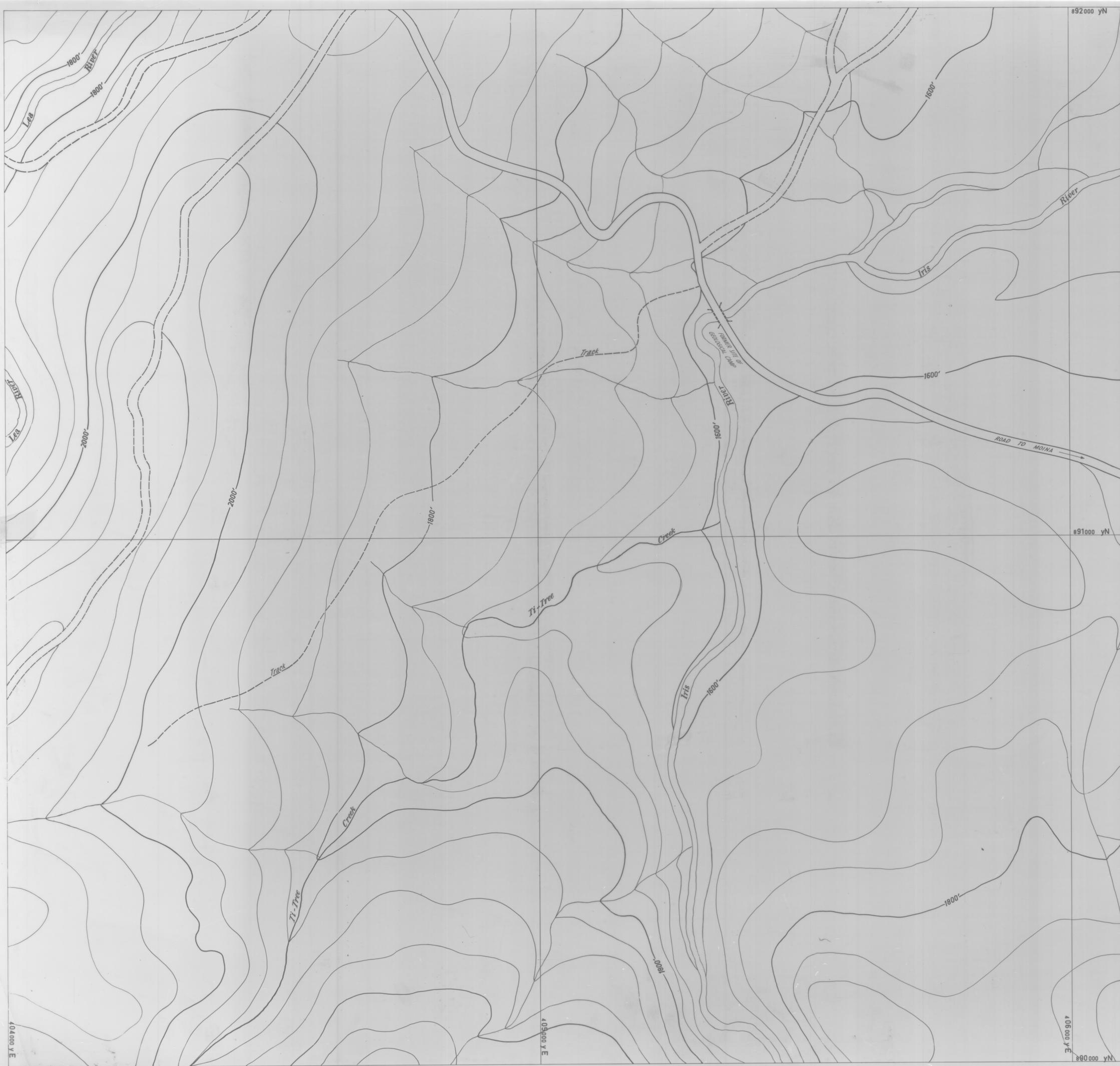
ENLARGED FROM LANDS & SURVEYS
DEPT. 40 CHAINS TO 1 INCH SERIES.
CO-ORDINATES ARE STATE GRID.
CONTOUR INTERVAL 50 FEET.



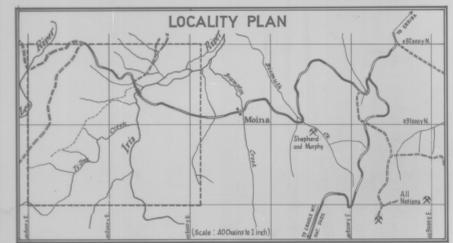
THE MOUNT LYELL M. & R. COY. LTD
GEOLOGICAL DEPARTMENT
E. L. 8/65
TI-TREE CREEK AREA
03-4918

DRAWN BY L.A.N.
TRACED BY J.H.C.
CHECKED BY J.H.C.
DATE 10/2/71
SCALE 200' TO 1"





ENLARGED FROM LANDS & SURVEYS
DEPT. 40 CHAINS TO 1 INCH SERIES.
CO-ORDINATES ARE STATE GRID.
CONTOUR INTERVAL 50 FEET.



THE MOUNT LYELL M. & R. COY. LTD		DRAWN BY L.A.N.
GEOLOGICAL DEPARTMENT		TRACED BY J.H.C.
E. L. 8/65		CHECKED BY <i>K.C.C.</i>
TI-TREE CREEK AREA		DATE 10 / 2 / 71
03-4918		SCALE 200' TO 1"

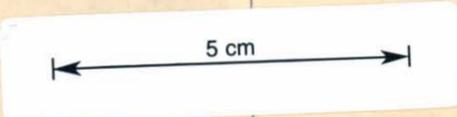
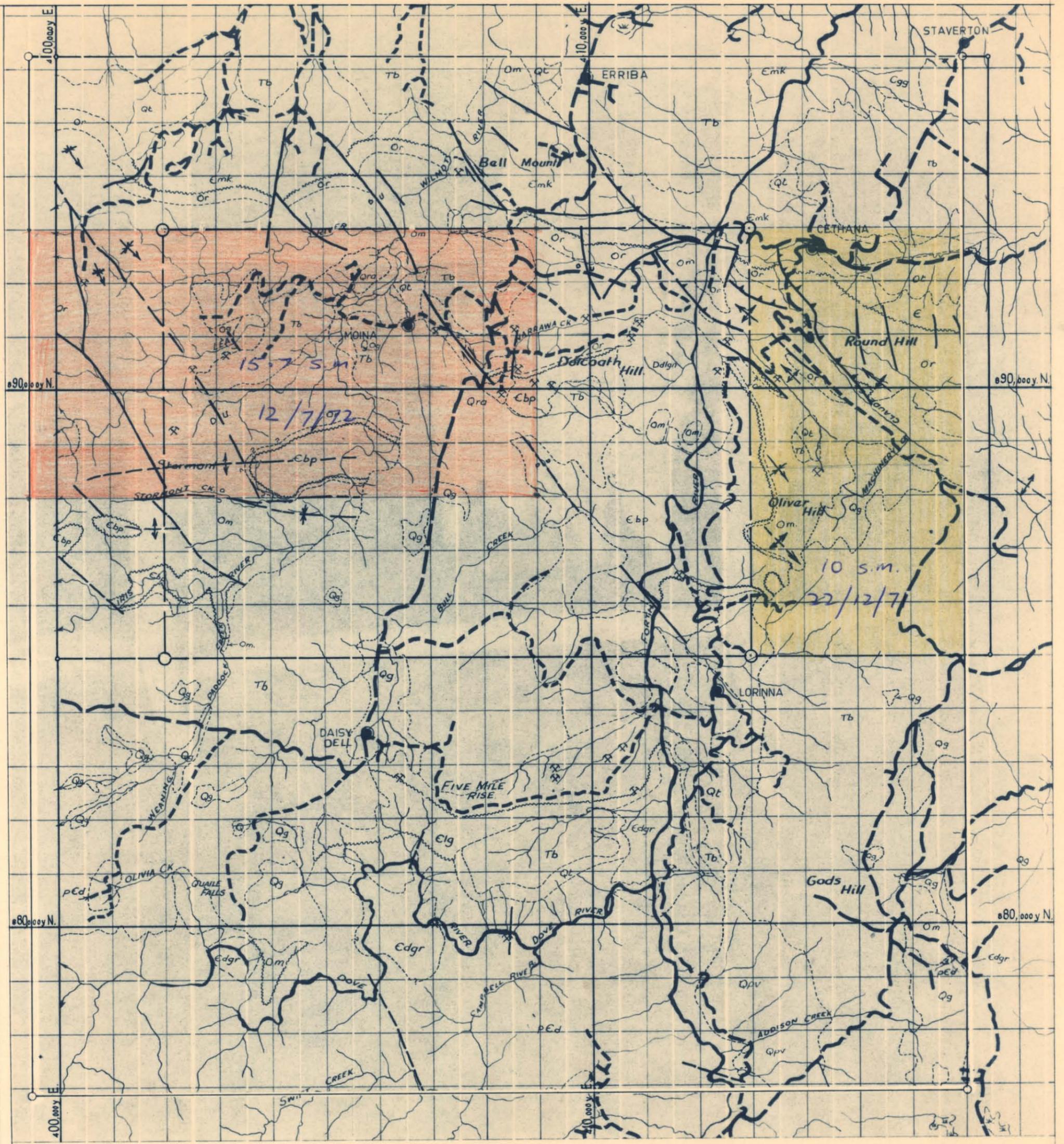


404000 yE

405000 yE

406000 yE

890000 yN

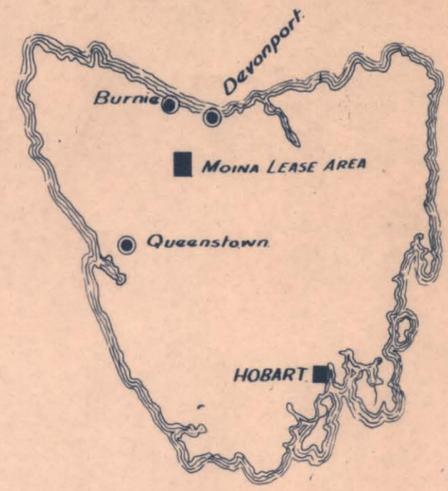


AREAS EXEMPTED BY PROCLAMATION
 UNDER THE MINING ACT 1929
 PER SECTION 6 SUBSECTION 1
 PARAGRAPH (b)

03-4918

E. L. 8/65 MOINA AREA	
SCALE: 1"=1mile	DATE: June 71
CHECKED: KOR.	FIG. N ^o :

J.H.C.



LEGEND

CAINOZOIC	QUATERNARY	Qrd	Recent Alluvium
		Qt	Basalt talus and landslide debris
		Qt	Quartzite and conglomerate talus
		Qg	Marsh deposits and residual gravels
		Qpv	PLEISTOCENE Varved clays
TERTIARY	T	Ts	Sands clays and conglomerate
	ORDOVICIAN	Og	Skarn (Metamorphosed limestone)
Og		Gordon Limestone	
Om		Moina Sandstone including Caroline Ck. Beds	
Or		Roland Conglomerate	
CAMBRIAN	Ebp	Bull Creek Formation	
	Eg	Lorinna Greywacke	
	Emk	Minnow Keratophyre	
PRECAMBRIAN	pc	pcd	Dove group
IGNEOUS ROCKS			
	T	Tb	TERTIARY Basalt
DEVONIAN	D	Ddgr	Dolcoath granite
CAMBRIAN	E	Edgr	Dove granite
	E?	Es	Serpentinite

Established boundary — position approximate	---
Inferred probable or indefinite boundary	---
Unconformity	~ ~ ~
Thrust fault (teeth on upper plate)	— / —
Wrench Fault	— / —
Fault with direction of movement	— / —
Mine or prospect	⊗
Lode Trends	—
Principal roads	— — —
Vehicular tracks	— — —
River or creek	—
Swamp or marsh	—

THE MOUNT LYELL M. & R. COY. LTD.
EXPLORATION DEPARTMENT

MOINA AREA E.L. 8/65
LOCALITY MAP OF
MINERALISATION & AREAS INVESTIGATED
1968/69

DRAWN:	J.C.
TRACED:	R.W.
CHECKED:	K.O.R.
DATE:	13-8-69
SCALE:	1" : 1 mile

03-4918

03-4918

5 cm

