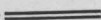


INDEXES AND LEGEND OF
M A P S A N D
REPORT

ON

ST. EUGENE MINE

MOYIE, B. C.



Fort Steele

MINING DIVISION

Alexander Smith
Geologist
~~MINING ENGINEER~~

82-F

ST. EUGENE MINE

MOYIE, B. C.

INDEX TO REPORTS

CONTAINED IN EXPANDING ENVELOPE

1. Report on St. Eugene Mine, Moyie, B. C., by -
Alexander Smith, July, 1949.
2. Earlier Reports on St. Eugene Mine by -
P. A. Chubb
F. A. Kerr
R. R. Wilson
S. J. Schofield
J. M. Turnbull
J. Drybrough
J. G. Gwillam
3. Magnetometer Survey Report & Map Mo-29 - Alexander Smith, 1949
4. Geochemical Prospecting " " " Mo-35 - " " "
5. Diamond Drilling " " "
6. Mine and Dump Sampling " " "
7. Society Girl Mine - L.K.Armstrong and S.L.MacDonald
8. Indexes and Legend.

EXTRA MAP LEGEND TAPED ON HEAVY SHEET IN FRONT OF
ENVELOPE

ST. EUGENE MINE

MOYIE, B. C.

M A P I N D E X

| <u>NO. of MAP</u> | <u>SCALE</u> | <u>DESCRIPTION</u> |
|-----------------------|--------------|---|
| Mo-1 | 1" = 200' | Barkshanty Creek Area, Moyie, B. C. |
| Mo-2 | 1" = 200' | Etna Creek Area, Moyie, B. C. |
| Mo-3 | 1" = 200' | Glencairn Creek Area, Moyie, B. C. |
| Mo-4 | 1" = 200' | Hogarth Area, Moyie, B. C. |
| Mo-5 | 1" = 200' | Larsen Area, Moyie, B. C. |
| Mo-6 | 1" = 200' | Rudd Area, Moyie, B. C. |
| Mo-7 | 1" = 200' | Society Girl Area, Moyie, B. C. |
| Mo-8 | 1" = 200' | Tradedollar Area, Moyie, B. C. |
| Mo-9 | 1" = 1000' | Geology & Topography, Moyie Area. |
| Mo-10 | 1" = 200' | Magnetometer Survey, Moyie Lake. |
| Mo-11 | 1" = 200' | Magnetometer Survey, Moyie #3 Group (Barkshanty Area) |
| Mo-12 | 1" = 200' | Magnetometer Survey, Moyie #6 Group (Tradedollar Area) |
| Mo-13 | 1" = 200' | Surface St. Eugene Mine Area - Geology and Topography. |
| Mo-14 | 1" = 200' | Surface Upper Mine to Society Girl Geology and Topography. |
| Mo-15 | 1" = 200' | Surface East Side of Lake Geology and Topography |
| Mo-16 | 1" = 200' | St. Eugene Mine Composite Level Plan Adit Levels. |
| Mo-17 | 1" = 200' | Longitudinal Projection (W. portion Aurora). |
| Mo-18 | 1" = 200' | Longitudinal Projection (Central por- tion Lower Workings St. Eugene). |

| <u>NO. of MAP</u> | <u>SCALE</u> | <u>DESCRIPTION</u> |
|-----------------------|--------------|--|
| Mo-19 | 1" = 200' | Longitudinal Projection (Upper Mine to Society Girl) |
| Mo-20 | 1" = 200' | Vertical Section along E. side of Moyie Lake. |
| Mo-21 | 1" = 80' | Section E2200 St. Eugene Mine Shaft Workings. (Lakeshore Shoots). |
| Mo-22 | 1" = 80' | Section E2600 St. Eugene Mine Shaft Workings. |
| Mo-23 | 1" = 80' | Section E3900 St. Eugene Mine, Moyie, Mine Section. |
| Mo-24 | 1" = 80' | Section E5700 St. Eugene Mine, Upper Mine Workings. |
| Mo-25 | 1" = 50' | Aurora & Guindon Plan of Workings. |
| Mo-26 | 1" = 50' | Aurora & Guindon Longitudinal Projection A-A. |
| Mo-27 | 1" = 50' | Guindon Longitudinal Projection D-D |
| Mo-28 | 1" = 1500' | Claim Map, Moyie Area. |
| Mo-29 | 1" = 1000' | Magnetometer Surveys, Moyie Area (included with Magnetometer Report - same folder). |
| Mo-30 | 1" = 90' | Moyie Tailings Pile & Soundings Map. |
| Mo-31 | 1" = 1000' | Chubb's Geology, Plan and Section. |
| Mo-32 | (Various) | Set of 15 Maps - F.A.Kerr, Moyie Geology. Compiled by B.Vincienne, 1938. |
| Mo-33 | 1" = 40' | 2200' Level St. Eugene Mine (S.S.Saxton) |
| Mo-34 | 1" = 40' | 2400' Level St. Eugene Mine (S.S.Saxton) |
| Mo-35 | 1" = 1000' | Geochemical Prospecting, Moyie Area. (Included with Geochemical Prospecting Report - same folder). |
| Mo-36 | 1" = 200' | Stratigraphic Columns. |
| Mo-37 | 1" = 80' | Set of St. Eugene Mine Level Plans with Gwillam's Notes. |

CRESTON FORMATION:

Quartzites - 725 

Argillites - 736 

ALDRIDGE FORMATION:

Thick Bedded Quartzites (- 4" Av.beds)

Light Blue - 740 

" " " banded

Dark Blue - 741 

Thin " " Arg. Quartzites (- 4" Av.beds)

Light Brown - 742 

" " " " " banded

Dark Brown - 743 

Argillaceous Siltstone

Terra Cotta - 744 

Argillites

Violet - 745 

Rythmatically Banded Marker Horizon (MAR)

Lavender - 746 


Purcell Sills & dykes

Green - 747 

Veins

Scarlet - 748 

Alteration

Orange - 749 

ABBREVIATIONS

ROCK TYPES

BANDING

Q - Quartzites
AQ - Argillaceous Quartzites
S - Siltstone
AS - Argillaceous Siltstone
A - Argillites
MAR - Chubbs banded marker bed

B - Banding
sB - occasional Banding
hB - hairlike Banding as in Argillites
gB - gradational Banding
MAR - Chubbs banded member

ROCK COLOR

SEDIMENTATION FEATURES

GENERAL

DG - Dark Grey
MG - Medium Grey
SG - Silver Grey
LG - Light Grey
Bl - Black
T - Tan
RW - Rusty Weathering
Gn - Greenish
Pu - Purple
Y - Yellowish
Mu - Mustard.

bp - bedding plane
ib - interbeds
Rm - Ripple marked
Rd - Rain drop casts
Mc - Mud cracks
C - Concretions
Cl - Glistening crystals
Xc - Crystal casts on bedding planes
FRG.Clv. - Fracture Cleavage

gr - grading
cl - clean
Ma - Massive
cr - Crudy (messy)
Alt - Alteration
Simi - Similar
Sa - Sandy
Sh - Shaly
Sl - Slaty
Bio - Biotite