A PROSPECTING REPORT FOR THE LEADER GROUP

The Leader Group consists of 6 claims, numbers 643-648 inclusive, and grouped under N/G 2088 Fort Steel Mining Division, B. C. These claims are located on the east side of Angus Creek at Lat. 49° - 36"
Long. 116° - 7" W.

These claims are registered under the name of Alfred Best, Box 738, Chemainus, B. C. VOR 1KO, telephone 246-4805.

These claims were prospected by the owner, Alfred Best, June 1-6 inclusive 1980.

This report contains the following:

HISTORY AND PRESENT CONDITIONS

The Leader was formerly the Wellington Group Scofield G. of C. 1915 and MMAR - B. C. 1952. M. Richmond Caines and O'Grady G. of C.

These claims were owned by the writer in 1956 and were since held by Royal Canadian Ventures of Kamloops, B. C.

All past explanation does not physically exist as the whole area within the claim boundaries has been devastated beyond recognition caused by the logging of the claims, waste and slash are everywhere making prospecting of the area quite exasperating and difficult (knowing a mineral deposit is there but where).

Form 10-11 was filed with Res. Engineer, Mr. Lane Nelson, and approved to clean out old workings. Only 2 of these were done due to logging still in practice on the claims.

All claims were prospected and rock exposures are now scarce due to logging slash and overburden.

PROSPECTING OBSERVATIONS

Observations

Dark sheen slate.

Chlorite schist abundant at location line of claims 5 and 6, banded green, 300 meters north of final posts and white. Granodorite outcrop location line of claims 1 and 2 230 meters north of initial post.

Vein in evidence at location line of claims 5 and 6 100 meters south of initial post. Quartz sampled app. .20 gold. Vein is 100 miles wide. Heavy overburden.

Quartz float found along location line of claims 3 and 4.

Fault fissure continues north after granodorite stock where visible edge of fault has curled over edges like an oyster shell. Along the fault plane vegetation differs and is easy to locate and follow. This occurs 50 meters south of the 1 and 2 final posts.

Where the Creston formation and Kitchener syke come together the rocks are practically unrecognizable. The Creston formation is light grey and the Kitchener syke is light green only on fresh surface. Where weathered they appear the same.

There is no doubt that a mineralized vein exists due to past reports, but due to the ground thrown up and heavy slash this could not be located on claims 1, 2, 3 and 4.

Other veins exist on the claims than previously outlined, these were noted on claims 5 and 6 near the north side of the granite porphy intrusion. These veins are narrow, banded white quartz, and have a tendency to run into the main fissure veins of the sawmill fault. These were not sampled.

A quartz vein was observed in Angus Creek at the waterfall 2 meters high. Here the Creston and Kitchener syke come together. The Kitchener syke being of a harder rock composition has caused the waterfall. The sawmill fault crosses the creek at this point.

The Intruded Granite Porphy outlined in previous references was prospected by the writer. Observations here follow. Location line of Claims 5 - 6 300 meters north of final posts.

This granite stock was sampled at numerous locations but no mineralization was observed. However, where this material had been broken up for road construction it showed considerable alteration and was softer than the material inplace.

Rivlets had deposited the decomposed granite down to the base of the bluff. About ½ cubic yard of this material was sampled by panning at several locations and fine dusty gold was observed.

This granite in place is a porphy white granite but where decomposed and oxidized weathers to an amber colour. This sand is quite heavy and does not travel far; it has the appearance and weight of tungsten (steel ingot).

Both gold and tungsten scheelite were observed in the fault fissure listed in past references. No indication was given to gold or tungsten in the granite porphy.

This granite stock is shown as No. 17 on the G. of C. H. A. M. Rice No. 2 is the Creston Formation. No. 3 Kitchener Syke (enclosed in report). Later this granite was examined by Dr. F. Shepherd of the B. C. Mines and Petroleum Office, Victoria. No precious metals were observed, the dark mineral being magnelite.

EXPENSES

6 days prospecting and physical work @ $100.00 per day June 1 - 6 inclusive	$600.00
Transportation Chemainus Leader Return	150.00
Meals and accommodation	200.00
Total	$950.00

MALASPINA COLLEGE

A REGIONAL COLLEGE SERVING CENTRAL VANCOUVER ISLAND

Statement of Course Completion:

ALFRED BEST *has*

successfully completed 56 *hours of instruction*

in PROSPECTING GEOLOGY *at*

Malaspina College

SOUTHERN CAMPUS.

K P Northcote

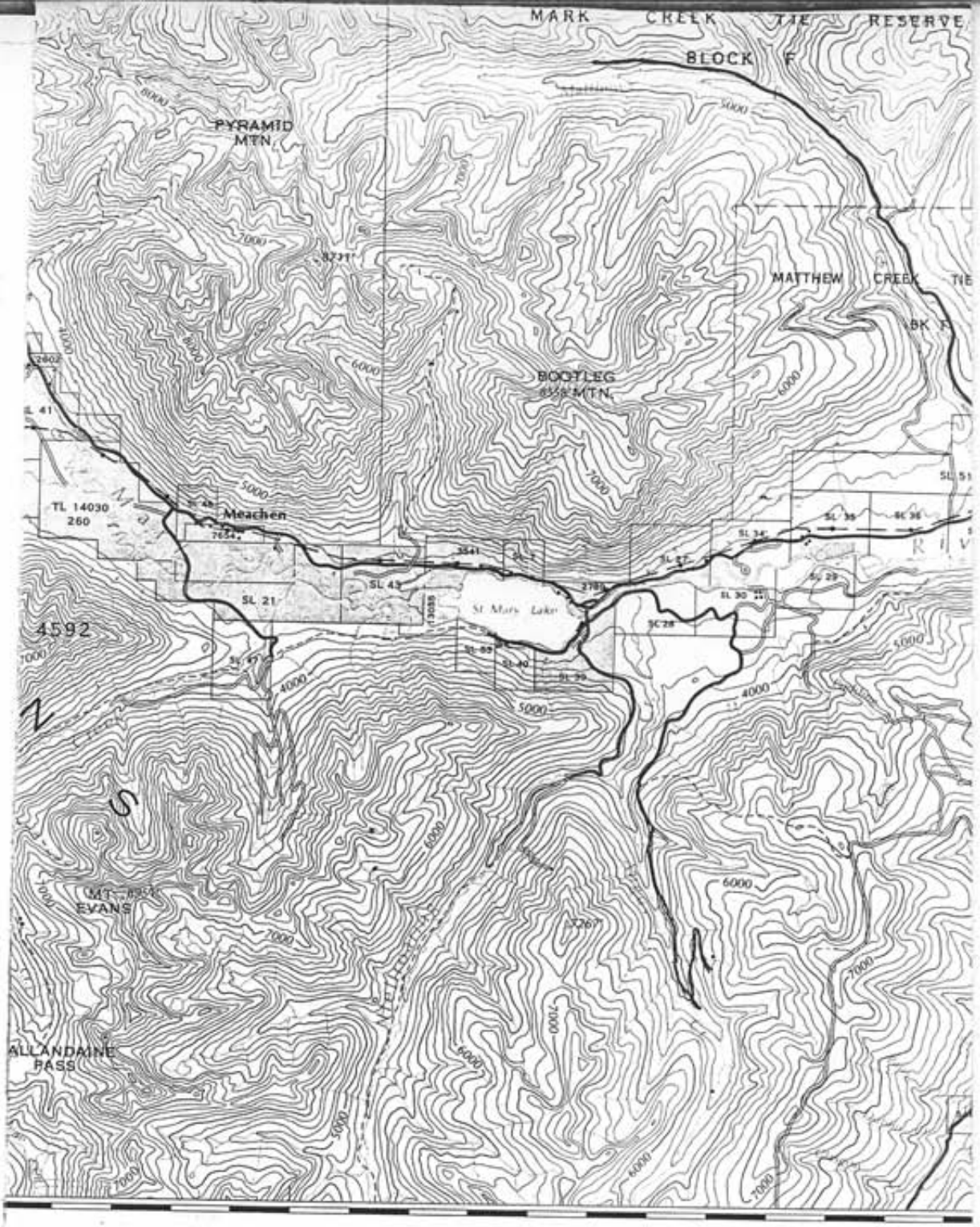
DR. K. NORTHCOTE - INSTRUCTOR

MARCH 15, 1979

DATED AT DUNCAN, B. C.

Vinita Anand

ASSISTANT DIRECTOR OF CONTINUING EDUCATION



REFERENCE

Roads: Hard Surface
Loose Surface, Main
Loose Surface, Secondary
Rough (may be private, closed or unusable)
Trail
Highway Route Number
Railway
Power Line (Main)
Lighthouse
Survey Control Station (Main) △
Elevation in feet above mean sea-level
Contours (Interval 200 feet)
Swamp or Marsh
Intermittent Lake or Seasonal Inundation
Mud, Sand, or Gravel
Glacier or Icefield
Dyke
Customs Office
Communications Tower
Forest Service Lookout

Divided More than 2 Lanes 2 Lanes

Station Flag Stop

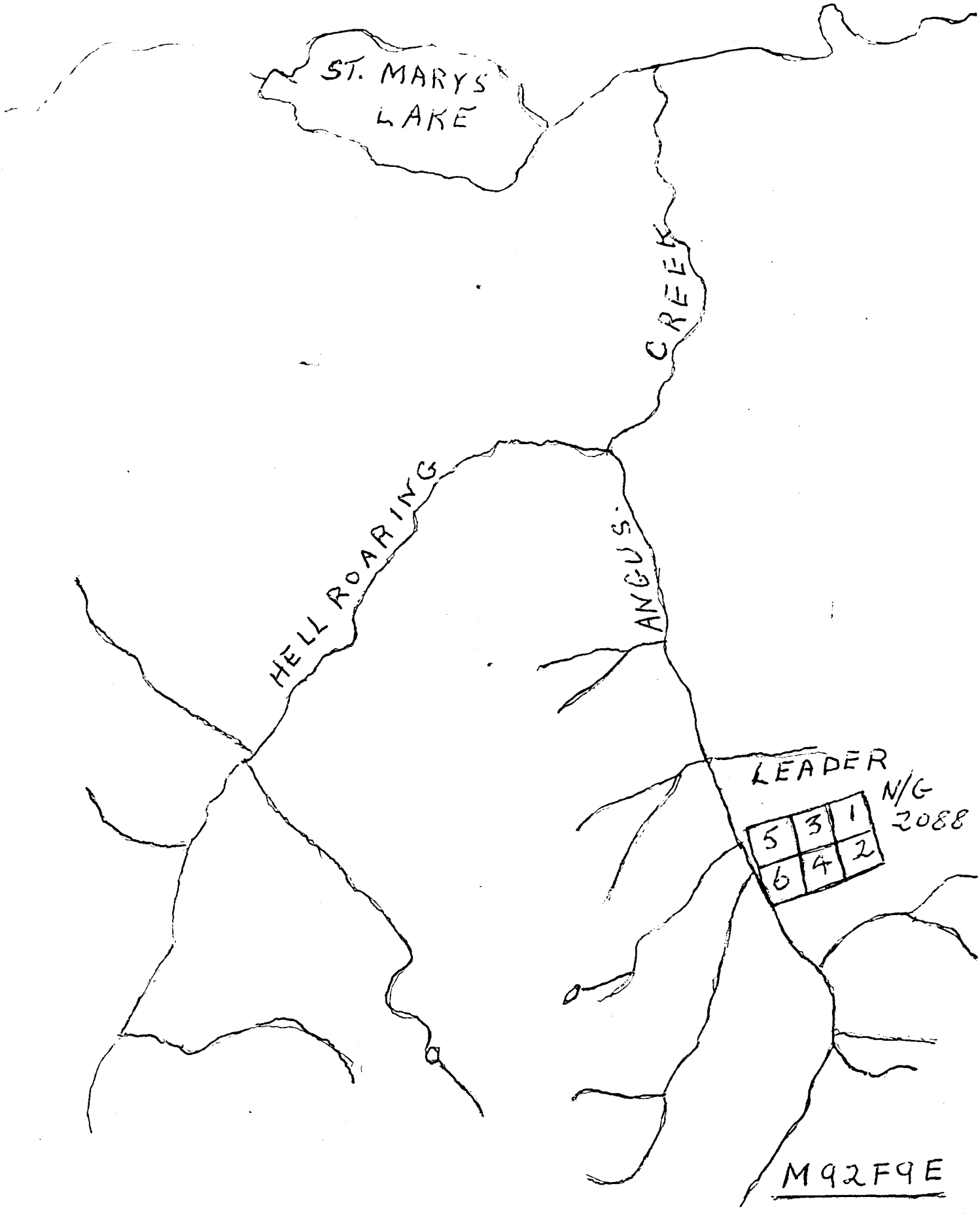
With Lighthouse

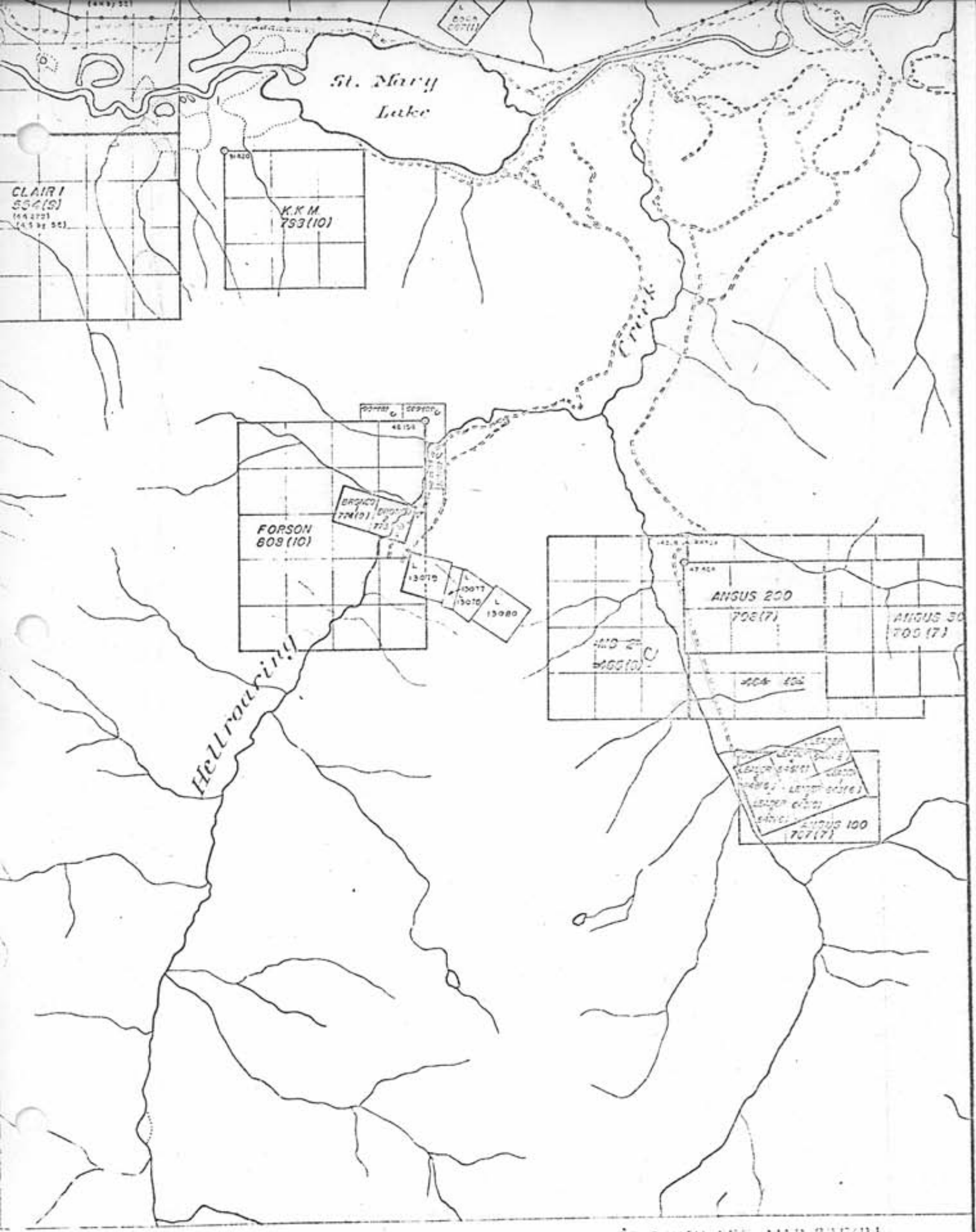
.8315'

Depression

INDEX

3


ST. MARYS LAKE
CREEK
HELL ROARING
ANGUS
LEADER
N/G
2088
5
3
1
6
4
2
M92F9E



FORT STEELE MINING DIVISION

TO SOUTH SEE MAP 82F/3E


HUNGRY PEAK
MT HOOKER
SPHINX MTN
PYRAMID MTN
NORTH STAR HILL
BOOTLEG MTN
Meachams
St Mary R.
St Mary Lake
SNOWCREST MTN
MT. EVANS
MT. MCKAY
WHITE GROUSE MTN
HAYSTACK MTN
MT DAVIE
GRASSY MTN
OLD BALDY PEAK
Creek
Kamma
Moyie North Cr.
Moyie Cr.
River
Cooper L.

30BC79084 M 259

CRANODORITE
STOCK

2

23½/20

CUT

LOCAL BOULDERS

ADIT CAVED

CLAIM POSTS 1234

CUT

FAULT

3

4

457.20 MTS

320/40

ROCK BLUFFS

CRANIT PORHY INTRUSION

ANGUS CREEK

1

N

6

PERMIT NO. MX .....

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

MINERAL RESOURCES BRANCH
INSPECTION AND ENGINEERING DIVISION

NOTICE OF WORK ON A MINERAL PROPERTY

(Pursuant to section 10 of the *Mines Regulation Act*)

This form is to be completed and signed by all companies or individuals carrying out exploration work **one week prior to commencement of work** and **one week prior to cessation of work.** Keep one copy and forward one copy to the District Inspector of Mines (*see Notes on reverse side, at bottom of page*).

1. NAME OF PROPERTY Leader
   Number of claims 6 Principal Claim Group N/G 2088
2. LOCATION: Mining Division Fort Steel NTS Map Sheet (e.g., 82E/9E) 82F9E
   Lat. 49 ° 36 ' Long. 116 ° 7W ' Locality and Access Dorothy Road
   South of St Mary Lake up Angus Creek.
3. OWNER: Name Alfred Best FMC No. 192931
   Address Box 438 Cranbrook City .....
   Province B.C. Postal Code V0R1N0 Telephone No. 426-4805
4. OPERATOR: Name ..... FMC No. .....
   Address as above City as above
   Province ..... Postal Code ..... Telephone No. .....
5. DURATION OF EXPLORATION WORK: From June 1/80 to June 6/80
6. EXPLORATION WORK: Indicate **PROPOSED** ☐ or **COMPLETED** ☒

   Geophysical ..... Geochemical .....
   Linecutting (distance, width, method) ..... m^2
   Drilling — Number of Sites ..... Total Area ..... m^2
   Road Construction — Length ..... m Width ..... m Area ..... m^2
   Underground Exploration ..... (type)
   Trenching (number, method) ..... Area ..... m^2
   Test Pits (number, method) 2 Handwork Area 2 Mtrs square each m^2
   Stripping Area ..... Other (Camp) ..... Area ..... m^2
   Name of Contractor Owner Number of men employed 1
7. DATE FOREST SERVICE ADVISED BY OPERATOR .....
   Name and Title of Forest Official not required
   Address .....

SIGNATURE OF APPLICANT Alfred Best TITLE Owner
Print Name ALFRED BEST DATE May 24th 1980

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