

Date: Feb 5/86

MINERAL PROPERTY SUBMITTAL

Submittal # 86-

Submitted to: (Company) MCY Commodity Au Property Name: Engineer Mine

Lat/Long _____ MINDEP/Other 14 NTS: 104M/8 Area/Province BC

SUBMITTOR: Name: Erickson Gold Mines OWNER: _____
Address: 500-171 W. Esplanade Ave. Rick Semerville - v.p. Expl.
Phone: North Vancouver, BC 986-5661

CLAIMS: Total No. _____ Due Dates: _____

PRIOR WORK BY:

CAPSULIZED GEOLOGY:

DEPOSIT TYPE:
TARGET DESCRIPTION: Length _____ Width _____ Down Dip _____

MINERALIZATION & ASSAYS:

NEIGHBOURING PROPERTY OWNERS:

TERMS REQUESTED:

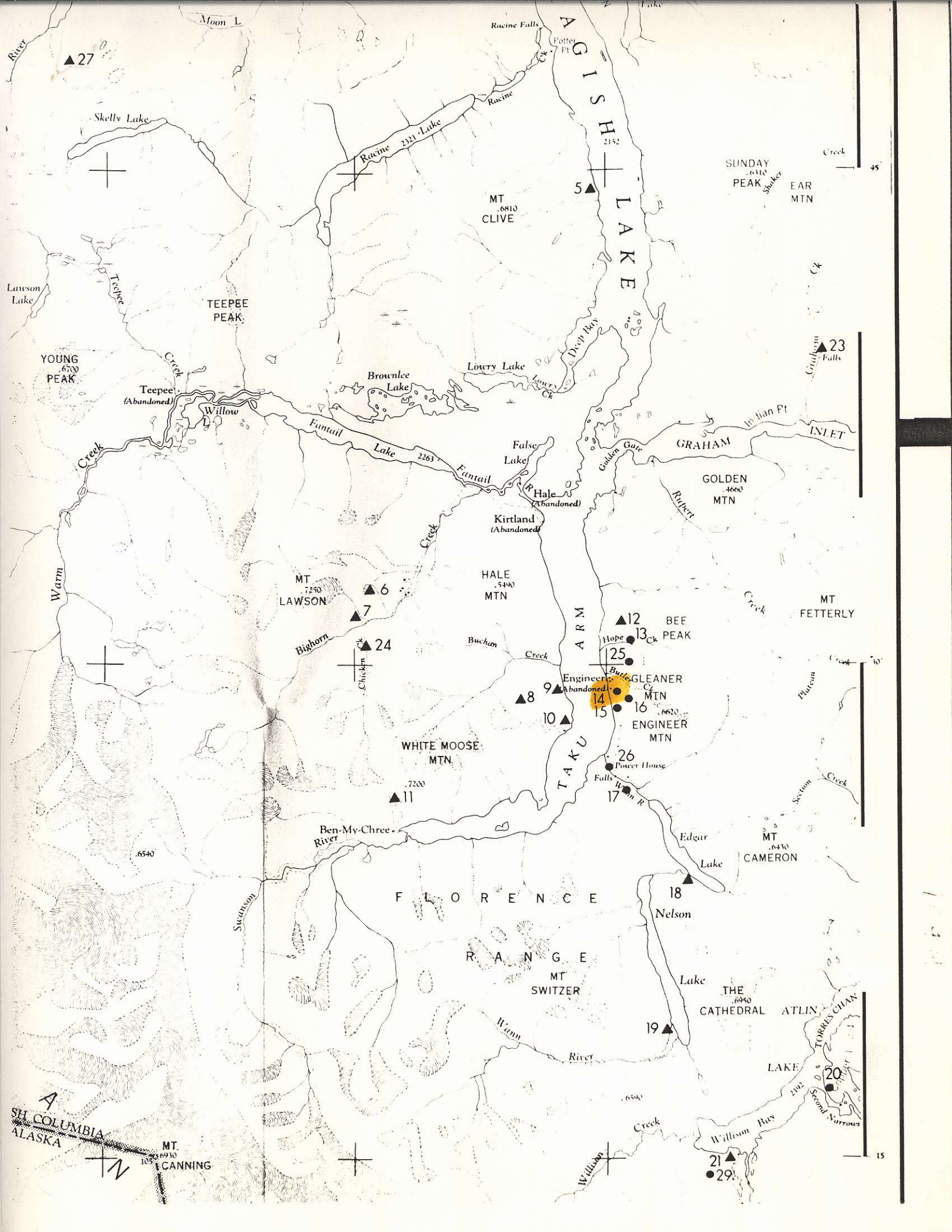
Rick Semerville decided (Feb. 19) that Erickson did not want to farm out this property.

INTERVIEWED BY: AJP.
OVERVIEW:

RECOMMENDATIONS:
JSB
WR
AS *keep watching.*
JMc

FILED NTS: 1) Claim Map 2) Data Submitted 3) Exam report 4) 1 copy this form

FINAL DISPOSITION:



▲ 27

YOUNG PEAK
6700

TEEPEE PEAK

MT
6810
CLIVE

SUNDAY
6910
PEAK

EAR
MTN

▲ 23
Falls

MT
7250
LAWSON

HALE
5490
MTN

GOLDEN
4660
MTN

MT
FETTERLY

▲ 6
▲ 7
▲ 24

WHITE MOOSE
MTN
7200

▲ 12
▲ 13
BEE PEAK

▲ 14
▲ 15
ENGINEER
6620
MTN

▲ 16
ENGINEER
MTN

MT
6430
CAMERON

FLORENCE
RANGE
MT
SWITZER

THE
6950
CATHEDRAL ATLIN

LAKE
TORRES CUIAN

SH COLUMBIA
ALASKA

MT
6930
CANNING

15

Description:

The Engineer Mine occurs in Lower and Middle Jurassic Laberge Group clastic sedimentary rocks that are intruded by a Tertiary subvolcanic, leucocratic granite stock.

Mineralization consists of a network of narrow quartz veins cut at an oblique angle by a 6 to 12 m wide silicified and altered shear zone.

At least 19 veins have been located on surface and many more were found underground. They occur in random orientations and also radiating from barren, pipe-like quartz stockworks which are locally called "hubs". The veins vary from less than 1 to 15 m in width, dip steeply and consist largely of quartz, calcite and wallrock material. Mineralogy varies from fine free gold in hematitic quartz to complex assemblages of pyrite, chalcopyrite, gold-tellurides and antimony sulfosalts. A depth zoning is present with sulfosalts more plentiful near surface. Grades are very erratic. One drift face sampled by a government engineer and reported in the 1914 MMAR assayed 2451 g/t Au and 1731 g/t Ag across 30.5 cm. Old records show that the Double Decker Vein on the No. 8 level is 1.2 m wide and has a 24 m unmined section grading 41.1 g/t Au and a 10 m section grading 98.3 g/t Au.

Shear zone mineralization is relatively low grade and fairly uniform in character, consisting of disseminated native gold and silver with pyrite, tellurides and arsenides in crushed and brecciated slate. Two such zones are present. Shear Zone A is at least 1200 m long and is marked on surface by a pronounced topographic depression. A representative grab sample of this type of mineralization assayed 1.2 g/t Au and 4.1 g/t Ag.

Production:

Intermittent production from the Engineer Mine by a variety of operators between 1913 and 1952 totalled 15,564 tonnes that averaged 36.1 g/t Au and 17.9 g/t Ag.

References:

- MMAR 1900, p.760(?); 1911, p.57; 1914, p.89; 1918, p.90; 1925, p.113; 1929, p.120; 1930, p.122; 1933, p.73; 1944, p.40; 1945, pp.43,61; 1946, pp.35,60; 1948, p.60; 1952, p.39
BCDM Bull 1, p.24
GSC Mem 37, p.74
GSC Sum Rpt 1930A, p.11
GSC Map 19-1957
CMH 1981-82, p.267
GCNL Mar.1, May 20, June 24, July 8,24, Aug.8/75; Mar.1/76
Daughy and Ikona (1975)