

675956

Cal Everett
Esso 1981 Report

McDAME PROJECT, BRITISH COLUMBIA

NTS 104 P/4E Lat. 59°15' Long. 129°37'

Target: Gold-silver bearing quartz veins in early Mississippian to late Devonian Sylvester Group volcanic and sedimentary rocks.

History: Lode claim staking in the Cassiar District began after 1934 when native gold was discovered in quartz veins near Quartzrock Creek. Between 1934-1960, several gold-bearing veins were located within the district in a zone 8 km wide extending from Pooley Creek to Quartzrock Creek. Only limited exploration was carried out on the showings to 1960.

Exploration within the McDame District has intensified in recent years due to substantial increases in the price of gold. Several companies have initiated diamond drilling, surface and underground development programs. In 1979 Esso Resources Canada Ltd. optioned from Erickson Gold Mining Corp. 78 mineral claims aggregating 250 contiguous units thereby establishing a substantial land position within the core of the gold camp.

1981 Program: Field work completed in 1981 included: an aeromagnetic survey of the gold camp, a soil geochem program, trenching of soil anomalies obtained from the 1980 geochem program, detailed surface saw sampling of vein systems, 1465 m of diamond drilling, re-logging and re-assaying of sixteen 1975/1977 drill holes, regional reconnaissance mapping, and heavy mineral orientation stream geochem surveys of the gold camp.

<u>Expenditures 1981:</u>	Exploration	\$ 376,000
	Land Acquisition	<u>75,000</u>
	Total	\$ 451,000

1982 Program: Assay results from surface sampling and diamond drilling of the vein structures within the claim groups indicate that anomalous precious metal values occur in discrete pods and shoots within the vein systems. Potential for large tonnage lode-type deposits does not exist. Should exploration for low tonnage gold-silver deposits ($> .100$ oz Au) be considered as attractive targets, a continued diamond drilling program is required in 1982 to test the limitations of the "one" drill intersection gold occurrences delineated from the 1981 exploration program.

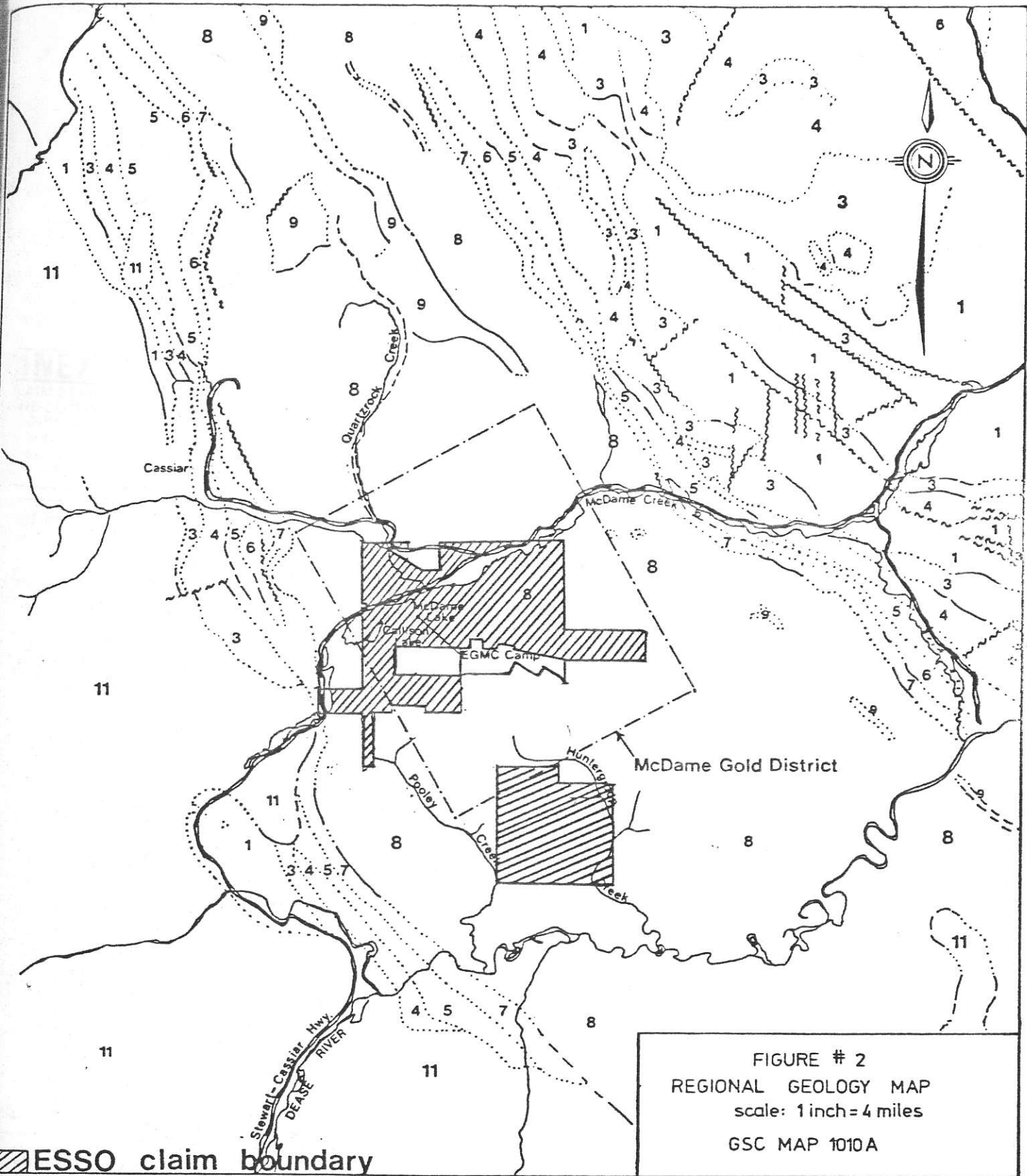


FIGURE # 2
 REGIONAL GEOLOGY MAP
 scale: 1 inch = 4 miles
 GSC MAP 1010 A

ESSO claim boundary

LEGEND

JURASSIC AND/OR CRETACEOUS

Cassiar Intrusions

MISSISSIPPIAN

Ultramafics

UPPER DEVONIAN AND LOWER MISSISSIPPIAN

DEVONIAN

McDame Group

ORDOVICIAN ↔ DEVONIAN

Sandpile Group

CAMBRIAN AND ORDOVICIAN

Kechika Group

LOWER CAMBRIAN

Atan Group

Good Hope Group