

Revised: Feb. 28/90

520694

IDENTITY: 104A(38)

Common Name: RED CLIFF

Other Names: Little Pat, Montrose

Mining Div: Skeena NTS: 104A/4W

Metals: Au,Ag,Cu (Zn,Pb)

Latitude: 56°06' Longitude: 129°54'

Status: Prospect

MINFILE ID: 104A 037, 036

Terrane: Stikinia(H)

Deposit Type: Fissure Vein, Disseminated

History:

<u>Year</u>	<u>Property Data</u>	<u>Owner/Operator</u>	<u>Work</u>
1908	Red Cliff, etc; 5 CL	Lydden, etc/A.Smith	DI,ST,TR,UG
1909	" ; 5 CG	Red Cliff Mg CL	CF,UG,TR,MU
1910	" "	" "	MU
1911	" "	" "	MU
1912	" "	" "	MU,MC
1921	" "	R. Wood, etc	AQ,TR,PR
1939	" "	R. Wood estate/H. Haywood	TR,PR,BS,UG
1940	" "	"/Red Cliff Extension Mg CL	BS,UG
1941	" "	" "	BS,UG
1948	" "	" /Yale Mg C	AS
1950	" "	" /Yale Lead and Zinc ML	DD(610m)
1959	" "	Yale Lead and Zinc ML	RD
		/Orofino ML	
1973	" ; 13 CG*	Int Mogul ML**/Adam Mg L & Citex ML	UG,DD,MU
1987	"	Joutel RL	GL
1988	"	"	DD(6/1007m),GL,GC,TR

*Consolidated with Big Casino showing 104A(37) in 1973

**Formerly Yale Lead & Zinc ML

Description:

Country rocks in the area of the Red Cliff prospect are Lower to Middle Jurassic Hazelton Group highly altered and sheared, red and green volcanic sandstones and conglomerates intercalated with irregular, porphyritic andesite flows. The stratified rocks have been cut by the extensive Portland Canal dyke swarm immediately to the south of the property. Mineralization occurs above the westerly-dipping Lydden Creek fault, an extension of the main Bear River cataclasite zone.

Mineralization occurs in three locations. The southern, Red Cliff deposit is the discovery zone and was the focus of most of the early development and the 1973 underground mining. It occurs in shear zones and consists of lenses of coarse-grained milky quartz with pods of pyrite and chalcopyrite + sphalerite and galena. Other mineralization, also confined to shear zones, consists of disseminated pyrite and chalcopyrite. Sericite and carbonate alteration are overprinted by later carbonate-quartz veinlets and segregations. Grab samples of banded pyrite-chalcopyrite veins up to 2.4 m wide assay from 6 to 18% Cu, 10.3 g/t Au to 61.7 g/t Au and 34.3 g/t Ag. The pyrite is auriferous, with samples of clean pyrite running up to 10.3 g/t Au.

Common Name: RED CLIFF

Description (cont'd):

The Little Pat occurrence is located immediately north of the Red Cliff prospect and has received little work.

The Montrose showing is located in the canyon of Lydden Creek. The 1939 to 1946 exploration concentrated on this area. Shear zones in silicified andesites are mineralized with pyrite, pyrrhotite and minor chalcopyrite and sphalerite. Grab samples of this mineralization assay as high as 233 g/t Au and 41 g/t Ag with only Tr. Cu. A 1940 30.8 tonne shipment from this zone yielded an average grade of 82.3 g/t Au and 32.2 g/t Ag and 0.8% Cu.

References:

- MMAR 1908, p.56; 1909, p.67; 1910, p.62; 1911, p.72; 1912, pp.104,107
1921, p.66; 1939, p.66; 1940, p.52; 1941, p.54; 1946, p.79;
1950, p.78; 1959, p.8
GEM 1973, p.494
EBC 1988, p.C207
BCMM Bull 58, pp.124, 132, 151
BCMM Info Circ 1989-1, p.17
GSC Mem 32, p.47; 175, p.141
GSC Map 216A, 315A, 9-1957
AR 17465