

MAIN PRODUCT: GOLD PRINC. PROD.: (MAJOR COMMODITY IN AN UNEXPL. DEPOS.)		PROV. OR TERR.: BRITISH COLUMBIA PROV. OU TERR.:	N.T.S. AREA: Prop./Prop. 104B/01 S.N.R.C : Depos./Gîte 104B/01	REF.: AU 012 RÉF.:	MINSYS NO: 120169- 0 NO MINSYS:
NAME OF DEPOSIT: SILVER BUTTE, NOM DU GÎTE :		BIG MISSOURI-KANSAS		Age of Host Rocks/Âge des roches hôtes: JURASSIC	
Object located: Kansas zone Objet localisé:		Uncertainty : 300 (meters/mètres) Facteur d'incertitude:	Geological province/Province géologique: CORDILLERAN OREGEN		
Latitude/Latitude: 56°06'15		Longitude/Longitude: 130°01'40		HISTORY OF EXPLORATION AND DEVELOPMENT HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR	
UTM zone/Région UTM: 9 UTM North./UTM Nord: 6218095 UTM East./UTM Est: 435727		Work on deposit : GEOPHYSICAL, GEOCHEMICAL, DRILLING Travail sur le gîte:			
Mining division/Division minière: SKEENA District/District: CASSIAR		Workings Type : UNDERGROUND AND OPEN PIT Type d'exploit.:		Workings Size : SMALL Dimension de l'exploit.:	
OWNER OR OPERATOR / PROPRIÉTAIRE OU EXPLOITANT Name: TENAJON SILVER CORP. Nom :		The Kansas (Lot 3218), Big Missouri (Lot 3217), Winer (Lot 3212) and Packer Fraction (lot 5540) claims are located on Big Missouri Ridge, some 25 km northwest of Stewart and 1 km southwesterly from the main underground workings of the Province claim (Big Missouri mine - 104 B/1, AU 2). Although part of the Big Missouri mine property from about 1904 the above claims received little exploration during that period of ownership. Buena Vista Mining Company, Limited in 1939 carried out surface sampling and drove a short adit under the better showings. A geochemical soil survey by El Paso Mining and Milling Company in 1971 indicated anomalous Ag-Pb values. Consolidated Silver Butte Mines Ltd. acquired the claims in June 1972. Test pitting and sampling was done in 1978 in the vicinity of the geochemical anomaly. Esso Minerals Canada optioned a 60% interest in the property in 1980. Work by Esso in 1980-83 included geochemical soil surveys (600 samples), an electromagnetic survey over 9 km, trenching, and 3,090 m of drilling in 36 holes. This work discovered a new mineralized zone on the Kansas-Big Missouri claims some 200' above and 800' east of the Granduc road. Esso financed the work program, earning its 60% interest in the property. Consolidated Silver Butte elected to convert its 40% interest to a 20% carried interest in net proceeds. Tenajon Silver Corp in August 1985 acquired from Esso an option to earn a 50% interest in the property. Work in 1986 included 996 m of diamond drilling in 4 holes and an attempted adit was driven for 20 metres. There were done 12,500 feet of surface diamond drilling in 1987 and No. 1 Portal was collared. In 1988, there were done 3,200 feet of lateral work and there were diamond drilled 10,000 feet in 36 underground holes. On the surface there were diamond drilled 14,500 feet in 23 holes. In 1989 Tenajon acquired Esso's interest in the property and by mid-1990 there diamond drilled 11 underground holes for 3,200 feet and 13 surface holes for 6,880 feet. Westmin Resources Limited optioned the property to obtain 50% interest.			
Type: OWNER Year of information : 1990 Année de l'information:					
DESCRIPTION OF DEPOSIT / DESCRIPTION DU GISEMENT					
Type/Type		Host Rocks/Roches hôtes			
<p>A northeasterly striking sulfide-rich siliceous zone occurs within metamorphosed andesitic volcanics believed to be of the Lower Jurassic Hazelton Group. The zone dips 50 to 60 degrees to the northwest. Exposures on the Big Missouri and Winer claims indicate an apparently continuous zone about 600 metres long and 70 metres wide. The siliceous material contains pyrite, galena, sphalerite, chalcopyrite, and low values in gold and silver. Trench samples averaged 0.628% Cu, 0.65% Pb, 6.4% Zn, 2.07 oz/t Ag, 0.012 oz/t Au across 13 metres.</p>					
Discovery : Year 1982 Découverte: Année		Uncertainty: EXACT Incertitude:	Method : CONVENTIONAL Méthode:		
Associated minerals or products and status/Minéraux ou produits associés et statut					
AG	PB	ZN	CU		
2	2	2	2		
Source/Source: / / -REGULAR Printed/imprimée le: 14 May/Mai 1991			© Mineral Policy Sector, Department of Energy, Mines and Resources, Ottawa, Canada © Secteur de la politique minière, Énergie, Mines et Ressources, Ottawa, Canada		

HISTORY OF PRODUCTION / HISTORIQUE DE LA PRODUCTION

First Year : Last year :  
 Première année: Dernière année:

-----

REFERENCES / BIBLIOGRAPHIE

V. Ryback-Hardy; Report on the Big Missouri claim, 22/10/78, in Consolidated Silver Butte Mines Statement of Material Facts 17/09/79.

Mineral Policy Sector; Corporation Files: "Consolidated Silver Butte Mines Ltd."; "Esso Minerals Canada"; "Tenajon Silver Corp."; "Tenajon Resources Corp."

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1978, p. E 257.

Exploration in British Columbia; BCDM: 1980, p. 461; 1981, p. 282.

Mineral Exploration Reviews; BCDM: 1983, p. 10; 1985, pp. 15, 19; 1986, pp. 13, 37.

George Cross News Letter: 1982, No. 164; 1986, No. 178.

Mallott, M.L.; Silver Butte in Exploration in British Columbia 1988, British Columbia Ministry of Energy, Mines and Petroleum Resources, pp. B145-B152, 1989.

BC Minfile 104 B150.

MAP REFERENCES / RÉFÉRENCES CARTOGRAPHIQUES

Geological Map of the Stewart Area, Sc. 1": ½ mile, Fig, 3, Sheet B, Bulletin No. 58, B.C. Dept. of Mines, 1971.

Big Missouri Group, (claim boundaries, workings, and mineralized zones), Sc. 1": 1,000 feet, Fig. 25 - accomp. Bulletin No. 58.

Geology and major mineral deposits, Sc. 1 cm: 1 km, Fig. 66, p. 188, Geological Fieldwork, 1982, BCDM.

S-B Property, Kansas Zone, Sc. 1 cm: 100 m, Tenajon Silver Corp, April 1987.

Big Missouri claim, claim map & workings, Sc. 1: 5,000, in Consolidated Silver Butte Mines Statement of Material Facts 17/09/79.

Map 104 B/1, Leduc Glacier, (Topo.), Sc. 1: 50,000.

REMARKS / REMARQUES

PROVINCIAL LINK: 104B150

Last rev./Dernières m-à-j:  
 By/Par:

/ /

/ /

05/07/1991  
 YJL