

PRODUCT		PROVINCE	N.T.S. AREA	REF.
Zinc		British Columbia	82 F/3	
NAME OF PROPERTY Garnet Zone		HISTORY OF EXPLORATION AND DEVELOPMENT		
LOCATION		The Garnet zone covers a limestone belt to the west of the main H.B. area, and extends from an elevation of 4,200 feet down to an elevation of 2300 feet in Sheep Creek Valley. It includes: . . . "the Garnet and Legal Tender claims and the Black Rock No. 11 Fraction. (Old reports refer to the Black Jack group, which included the Legal Tender Crown-granted claim and three Black Jack recorded claims lying west of it). The workings consist of about a dozen trenches which crosscut the zone and a few shot adits. Much of the trenching was done late in 1926, and little surface or underground work has been done since. The Legal Tender and Garnet claims are part of the H.B. group and ground originally covered by the Black Jack claims is now part of the Black Rock group of American Zinc Company. More than thirty diamond-drill holes were to test the Garnet zone were drilled in 1948-49, and three holes were drilled at the southern end of the zone by American Zinc Company in 1951. . . . Drilling has delineated a zone or has continuously mineralized some 50 feet wide lying 150 to 200 feet west of the Garnet fault and outcroppings between elevations of 3,500 and 3,800 feet." (Fyles and Hewlett, 1959, pp.103,104). According to Fyles and Hewlett, the indicated grade of the mineralized zone is comparable to that of the H.B. No. 1. zone, however no <del>workings</del> for either zone have apparently been released. grade figures		
Lat. 49° 07'	Long. 117° 12'			
Mining Division	District	<del>Kootenay</del> Kootenay		
County	Township or Parish			
Lot	Concession or Range			
Sec.	Tp.	R.		
OWNER OR OPERATOR AND ADDRESS				
Note: Consolidated Mining and Smelting Company of Canada, Limited, Trail, B.C., own all of the area covered by the Garnet Zone, excepting the Black Rock No. 11 Fraction, owned by the American Zinc Company - See Black Rock Group.				
DESCRIPTION OF DEPOSIT				
Ore or substance				
Character of Deposit Fine grained sphalerite, pyrite and very minor galena occur in scattered lenses and as disseminated grains in dolomite. Two large dolomite zones are present, one on the eastern side of the Garnet zone, and the other on the western side <del>but</del> . . . The two zones are thought to represent a single horizon that is continuous around the apex of a north-south trending isoclinally folded syncline. The known mineralization is confined to these two <del>Country Rock</del> dolomite zones		According to Green (1954, p.20):		
Associated Minerals of value				

5-12-60

121379

HISTORY OF PRODUCTION

REFERENCES

Fyles, T.J., and Heeslett, C.G.; Stratigraphy and Structure of the Salmo Lead-Zinc Area; Bull. No 41, Dept. of Mines, B.C., 1959.

Green, L.H.; Wall-Rock Alteration of Cretaceous Lead-Zinc Replacement Deposits in Limestone; Salmo Map-Area, British Columbia; Bull. 29, Geol. Surv. of Canada, 1954.

Little, H.W.; Salmo Map-Area, British Columbia; Paper 50-19, Geol. Surv. of Canada, 1950.

Walker, J.F.; Geology and Mineral Deposits of the Salmo Map-Area, British Columbia; <sup>Mem 172</sup> Geol. Surv. of Canada, 1934.

Shipping point Distance from mine  
 Material shipped Carrier  
 Destination

MAP REFERENCES

H.B. and Garnet Groups, Kootenay District, British Columbia; Set 1:200' Fig 6, Accompanying Bull. 29.

Geological Map of the Lead-Zinc Area, Scale 1:2,000' - Fig 3 accompanying Bull. No 41.

Map 299A, Salmo Sheet, (Geol.), Accompanying Scale 1:mile - Accompanying Mem 172

Prel Map 50-19A, Salmo, (Geol.), Scale 1:mile. Accompanying Paper 50-19.

<sup>1926, p 778;</sup>  
~~Annual Report~~ of 1949, p 168; Dept. of Mines, B.C.

REMARKS