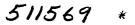
PRODUCT IRON	PROVINCE OR Br TERRITORY	itish Columbia	N.T.S. AREA	103 B/6	REF. FE 4
NAME OF PROPERTY ADONIS			ORATION AND DEVI on the southeast		resby Island,
Uncertainty in metres 100.	.ong. 131°11'11" Jueen Charlotte	These showings, on the southeast coast of Moresby Island, are between Harriet Harbour and Ikeda Cove from about 500 to 60 feet elevation on the Ikeda side of the ridge. The deposit is on the Adonis claim, Lot 1865, and extends onto the Sweet Pea claim, Lot 68 (part of the Lily Group, 103 B/6, Cul). The Adonis claim is held by mineral lease by Jedway Iron Ore Limite but the Sweet Pea is held by Falconbridge Nickel Mines Limited and any ore mined on it will be on a royalty basis to that company. The Adonis showing was probably discovered between 1906 and 1908 although there is little record of the early history. In 1912 the claim was Crown-granted to Messrs. P. Drummond, R.A. Trethawey and J.O. Trethawey. Silver Standard Mines Limited carried out the first exten-			
represented by the Karmutsen and Kunga Format Triassic in age. The Karmutsen Formation is of submarine basic lavas, related clastic roc minor limestone. These are conformably overl stones and argillites. The Adonis deposit is a pyrometasomatic m occurs at the lower contact of limestone and It is not known whether this limestone is tha tion or a lens in the Karmutsen. There is al diorite porphyry and minor diorite at this co zation andesite sills are common. The showings are contained in a small blo faults about 180 feet apart and trending nort faults occurred prior to mineralization. Mine of fairly massive magnetite, pyrite, chalcopy: ninerals, largely replacing the greenstone bu limestone and possibly the diorite porphyry. altered to skarn.	SCRIPTION OF DEPOSIT the rocks of the area are of the Vancouver Group, locally sented by the Karmutsen and Kunga Formations, both early sic in age. The Karmutsen Formation is a thick accumulation bmarine basic lavas, related clastic rocks, dykes, sills and limestone. These are conformably overlain by Kunga lime- s and argillites. The Adonis deposit is a pyrometasomatic magnetite deposit that s at the lower contact of limestone and Karmutsen greenstone. not known whether this limestone is that of the Kunga Forma- or a lens in the Karmutsen. There is also a sill-like body of te porphyry and minor diorite at this contact. Post-minerali- n andesite sills are common. The showings are contained in a small block bounded by steep s about 180 feet apart and trending north 65° east. These s occurred prior to mineralization. Mineralization consists irly massive magnetite, pyrite, chalcopyrite and skarn als, largely replacing the greenstone but definitely also some tone and possibly the diorite porphyry. The latter is in part ed to skarn. the estimated potential of the deposit is 136,733 tons with 35%			e e t	and 1960. Late 64 and drilled 64 the presence connect with th 64 for produc- tional drillin ne extending
Associated minerals or products of value		Mineral I	Resources Branch, Departmer	nt of Energy, Mines	and Resources, Ottawa.

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HISTORY OF PRODUCTION	REFERENCES
In 1964, 106,674 tons of ore grading 35% iron were mined.	Brown, A.S.; Geology of the Queen Charlotte Islands; Bull. 54, pp. 198, 199, 202-203; British Columbia Dept. of Mines, 1968.
	Reports of Minister of Mines, British Columbia: 1912, p. 325; 1960, pp. 11-12; 1961, pp. 13-15; 1962, pp. A-47, 11- 12; 1963, pp. A-47, 16; 1964, pp. A-53, 46, 330; 1965, pp. A-53, 69; 1966, pp. 53-54, 69; 1966, pp. 63-64; 1967, p. 57; 1968, pp. 70-71.
	Jeffery, W.G.; Moresby Island; Annual Report, 1959, pp. 12, 14, British Columbia Dept. of Mines.
	Young, G.A., and Unglow, W.L.; The Iron Ores of Canada, Vol.I; British Columbia and Yukon; Economic Geology Series No. 3, p. 48, Geol. Surv. of Canada, 1926.
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Gilleland, H.B.; Early Production Anticipated by Silver Standard; Western Miner and Oil Review, Vol. 32, October 1959, pp. 110, 112, 113.

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Jedway Iron Ore Limited; Western Miner and Oil Review, Vol. 35, September 1962, p. 28.

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MAP REFERENCES

Fig. 5, Geology of the Queen Charlotte Islands, (Geol. and

#Map 103 B-C (MI), (#27), Moresby Island, Sc. 1:250,000; B.C.

Topo.), Sc. 1:125,000; Accomp. Bulletin 54.

Fig. 34 (#37), Mineral Resources Map, (Geol.), Sc. 1":

Dept. of Mines and Petroleum Resources, 1969.

8 miles; Accomp. Bulletin 54.

*Map 103 B/6 E, Jedway, (Topo.), Sc. 1:50,000.

REMARKS

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