PRODUCT COPPER	TERRITORY	DLIGINU COLUMDIA	N.T.S. AREA	94 K/11	REF. CU 2		
NAME OF PROPERTY DAVIS_KEAYS, EAGLE		HISTORY OF EXPLORATION AND DEVELOPMENT The Eagle-Mike vein lies between elevations of 6,100 and					
OBJECT LOCATED - Eagle-Mike vein. UNCERTAINTY IN METRES 300. Lat. 58°33'15" Mining Division Liard District County Township or Parish	7,300 feet across a Yedhe Creek, a tribu west-southwest of Fo Two Fort Nelson Keays, staked the su Davis-Keays Mining (7,300 feet across a ridge at the head of a south fork of Yedhe Creek, a tributary of the Toad River about 100 miles west-southwest of Fort Nelson. Two Fort Nelson prospectors, Harris Davis and Robert Keays, staked the showings and in June 1967 incorporated Davis-Keays Mining Co. Ltd. to carry out exploration work.					
Lot Concession or Range Sec Tp. R.		Bonanza, Eagle, Lois 1968-69 was done in crosscutting, drift:	Additional staking was done to a total of 398 claims in the Bonanza, Eagle, Lois, DK, Ger, and other groups. Work during 1968-69 was done in three adits totalling 8,048 feet of crosscutting, drifting, and raising. Underground diamond drilling was done in 16 holes totalling 3,478 feet on the				
OWNER OR OPERATOR		Eagle vein. In March 1970 a whereby The Dowa Min Keays \$1,300,000 for studies. Work durin vein, included geolo crosscutting, and ra underground diamond Eagle-Mike vein had distance of 1,600 for	finance loan ag ning Co., Ltd. o r exploration wo ng the year, mai ogical mapping, aising on 3 leve drilling in 34 been explored w	reement was r of Tokyo, adva ork and feasik nly on the Ea 12,878 feet o ls, and 9,475 holes. To da underground ov	eached inced Davis- pility igle-Mike of drifting, if feet of ite the ver a vertical		
DESCRIPTION OF DEPOSIT The property is underlain by Precambrian Formation that has been divided into three to bottom to top comprise limestone and interbo- shale, dolomite and interbedded dolomitic sl shale with minor interbedded impure limeston of diabase dykes, ranging from a few to more trend, for the most part, northeasterly and tically. The dykes are characterized by a r contact metamorphism of the surrounding sed: Precambrian strata are folded about axes the southeastward. Most folds are concentrated trending belt roughly 8,000 feet wide that of from southwest to northeast. This belt, the rich in diabase dykes, contains almost all the easterly parallel to the belt and dip vertion northwest, nearly perpendicular to the axes plunging folds. Of all the veins discovered Associated minerals or products	ida estimated by MacDona of May 1970 as follo Proven 1 Probable Possible (The Dickenson Group Kam-Kotia Mines Davis-Keays through agreement of July 19 increase its interes ment work. Kam-Kot: property on August 1 feet of drift on the 872 feet of undergroup ate serly Semi proven Probable Possible	<pre>sublevels, and a number of connecting raises. Reserves were estimated by MacDonald Consultants in a feasibility report of May 1970 as follows:</pre>					

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HISTORY OF PRODUCTION

REFERENCES

*Sinclair, A.J. and Deraisme, J.; A Geostatistical Study of the Eagle Copper Vein, Northern British Columbia; The Canadian Institute of Mining & Metallurgy, Bulletin, Vol. 67, June 1974, pp. 131-142.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 51; 1970, p. 42; 1971, pp. 76-78 ++; 1972, p. 491.

Mineral Policy Sector; Corporation Files: "Davis-Keays Mining Co. Ltd."; "Kam-Kotia Mines Limited"; "Dickenson Mines Limited".

Western Miner, Nov. 1970, p. 28.

MAP REFERENCES

#Generalized Geology and Location Map in the Vicinity of the Eagle and Harris Veins, Sc. 1":1,900 ft. (approx.), Fig. 9, Geology, Exploration, and Mining, 1971, British Columbia Dept. of Mines.

Map 1343 A, Tuchodi Lakes, (Geol.), Sc. 1:125,000 - accomp. Memoir 373, Geol. Surv. of Canada, 1973.

*Map 94 K/ll W, Racing River, (Topo.), Sc. 1:50,000.

DMacR

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REMARKS

Comp./Rev. By

Date

For other veins on the Davis-Keays property see: Cu 10 to 13 and PB 1.

BCI 94 K - 12

PRODUCT	COPPER	TERRITORY	DLIFTRU COTMUDIA	N.T.S. AREA 94 K/11	KEF. CU 2		
NAME OF PROPERTY DAVIS_KEAYS, EAGLE_MIKE VEIN		During 1972 dia totalling 9,108 fee	HISTORY OF EXPLORATION AND DEVELOPMENT (continued) During 1972 diamond drilling was done in 10 holes totalling 9,108 feet on the Eagle and Bonanza claim groups. By 1976 the property had been reduced to 139 claims. Kam- Kotia held a 38% interest in Davis-Keays. The Dowa Mining Co. Ltd., which held a mortgage on the property, agreed not to foreclose for 5 years, with a 5 year extension under certain conditions.				
area, only the Eagle-Mike vein has been proven to contain economic copper mineralization. This structure has been traced for a horizontal distance of roughly 4,500 feet, and has been							
stone and dolomite of Late Precambrian age. Adjacent to the vein, these wall rocks have undergone various degrees of silicification and decalcification. Contacts between vein and altered wall rock are sharp.							
Sulphides occur in both massive and disseminated form. Chalcopyrite is by far the most abundant (80 to 95% of total sulphides), with pyrite and negligible quantities of covellite being the only others recognized to date. Chalcopyrite is			te				
commonly present as massive patches of large anhedral grains. Less commonly, it forms a fine, fracture filling in the earlier- deposited pyrite. Pyrite forms small irregular masses or indi- vidual grains distributed unevenly throughout the vein. Covell- ite occurs sporadically throughout the mine in very minor			ier- di-				
amounts, principally as a thin rim around some chalcopyrite grains and along thin irregular fractures within pyrite grains. Small amounts of limonite are associated spatially with covell- ite. Oxidation at and near the surface, and along some fracture			11-				
zones, has produced abundant limonite, malachite and azurite locally. The vast proportion of the vein, however, is essen- tially unoxidized. Gangue is principally quartz with lesser but variable amounts of carbonate.			- but				
northwest. D upper part of Local reversa	strikes approximately N36°E and Dips are variable, averaging and the vein and about vertical is als of dip have been observed is	bout 80 degrees in in the lower level	the s.				
tion exists, a complex len	workings. Tein width is about 4 feet, but mostly in the range of 1 to 9 ticular form. Despite abundar tially continuous. Only two f	feet giving the v nt post-ore faults	ein , the				
lateral offse	ets (10 to 20 ft) are known.	LAULUS WICH SIGHI	TCAUC				