

HISTORY OF PRODUCTION

REFERENCES

Mineral Policy Sector; Corporation Files:
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 117, Geol. Surv. of Canada.

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 1956, p. 142; 1968, p. 293.

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MAP REFERENCES

- Map 1362 A, Lardeau, (Geol.), Sc. 1:250,000 - accomp.
 Memoir 369.
- #Map of Placer Leases, Sc. 1:50,000, Fig. 2, Report by C.R.
 Saunders, March 1974 - accomp. Tapin Copper Mines
 Limited Statement of Material Facts, May 1974.
- *Map 82 K/15, Bugaboo, (Topo.), Sc. 1:50,000.
 Sketch Map of Bugaboo Creek placer deposits, C. 1":14 miles,
 Fig. 1, p. 29, Report by Rose, 1958.

REMARKS

Comp./Rev. By	DMacR	CFL	DMacR				
Date	7-75	11-79	02-86				

NAME OF PROPERTY

VOWELL & MALLOY CREEKS

DESCRIPTION OF DEPOSIT (continued)

allanite, magnetite, ilmenite, rutile, sphene, apatite, fluorite, and zircon. Cassiterite and molybdenite were also found in some of the black sand concentrates. Testwork by Dillingham suggests that the minerals allanite, rutile, zircon, monazite, and an unidentified titano-niobate (possibly pyrochlore) could be recovered in a sink-float process and that its concentrate could contain 2.25% U_3O_8 , 6% Nb_2O_5 , 2.5% ThO_2 , 6% cerium, and a number of other rare earths. Manganese was also reported from latest ddh's.

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

As result of all work completed until late fall of 1979, reserves of Vowell creek are calculated at 20,000,000 cu. yd. (15,291,000 cu. meters) of placer gravels grading 0.036 lb/cu yd. (16.33 gms/cu. meter) U_3O_8 and 0.331 lb/cu. yd. (150.14 gms/cu. meter) Nb_2O_5 (N.M. Oct. 25/79, p. 22).

Under 1979 economic conditions, the Vowell creek property is regarded as important for its uranium content with columbium as a by-product. Western Uranium Explorations is now ready for pilot plant testing of Vowell creek (280 hectares) placer uranium-columbium property.

In 1983 Western Uranium sold its interest in 8 placer claims to Coronation Resources (Canada) Inc.