

Name: Kettle (Hydraulic Lake)

802653

Location: NTS Area 82 E/14
Lat. 49° 47' 45: Long. 119° 11' 40"
Mining Division: Osoyoos
- property located approx. 14 air miles SE of Kelowna

Owner: Tyee Lake Resources Ltd. (Placer Development Ltd. has a 55% interest in property)

Description: uranium mineralization within a thin layer (approx. 126' thick) of sandstone, conglomerate and regolith/layer overlain by basalt

Reserves: 2.0 million metric tons of mineralized conglomerate containing in excess of 1.5 million lbs of uranium oxide (Northern Miner, April 20, 1978)

Development:

1976	- Tyee Lake Resources Ltd. option property from Reco Management Enterprises Ltd.; mapping, drilling - 29 holes, 1,619 metres, acquisition of nearby claims
1976-77	- Noranda Exploration Co. Ltd. and Kerr Addison Mines Ltd. - joint venture option; geophysical survey, drilling - 23 holes, 4,500' mapping
1978	- Placer Development Ltd. option; \$100,000 program
1979	- assaying drill core of 1978 season, conducting mineralogical studies and laboratory leaching tests

Potential
Operation:

Open pit (?)

Impediments:

- provincial govt. inquiry into the uranium mining industry
- environmental concerns

Comments:

- Placer is committed to financing the property to production if it gives a production notice
- Placer has option for 3 yrs. commencing Aug. 1/78; if Placer gives a production commitment, it can increase its share up to 55%
- "To prevent oxidation, the core is being sealed and frozen prior to shipment to the laboratory, where it will undergo extensive metallurgical testing (Northern Miner, Sept. 21/78)
- basalt capping considered relatively thin (Northern Miner, Nov. 17/77)