

MINERAL DEPOSIT INVENTORY

Map No. 82E/NW-53

Property No. 000744

Metal Industrial Mineral Placer Coal Lapidary

Name: KETTLE

Claim KETTLE 12 Owner TYEE LAKE RESOURCES (SEE REMARK)
Operator owner Year(s) 1976

Claim _____ Owner _____
Operator _____ Year(s) _____

Claim _____ Owner _____
Operator _____ Year(s) _____

Location: N.T.S. 82E/14E Lat. 49°47.5' Long. 119°12' U.T.M. _____
M.D. OSOYOOS, GREENWOOD, VERNON In park _____ E. & N. E.L. _____
Loc. plot. CENTRE OF DRILLING ON KETTLE 12 Source ASS. RPT. 6011 Prec. 2

Status: Producer Dev. Prospect Prospect Showing

Production: Tons _____ Grade: Au _____ Ag _____ Cu _____ Pb _____ Zn _____
Others _____ Year(s) _____
Reserves: Tons _____ Grade _____ Year _____
Tons _____ Grade _____ Year _____
Tons _____ Grade _____ Year _____

Development: Surface _____
Underground _____
Drilling _____
Surveys: Geol. _____ Geophys. _____ Geochem. _____

References: M.M.A.R. _____
G.E.M. 1976-E33, 1977-E37, 1978-E43 Expl. Form 1976
As. Rpt.: 6288, 6390, 6418 Prosp. _____ D.D. 6011 Other _____
Geol. _____ Geophys. _____ Geochem. _____
Geol. and maps _____

Summary description Anomalous radioactivity in drill holes.

Attitude of deposit: Strike _____ Dip _____ Azimuth _____ Plunge _____
Size: Length _____ Width _____ Depth _____

Minerals _____
Economic minerals _____
Assays _____

Remarks Tyee Lake Resources KETTLE Claims cover Nissho-Iwai Canada's PB claims and ownership boundaries are not clear

Recorded by DR/77 Revised by JJ10/78 Lib. Res. Comp. _____

Product(s)

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Map No. 82E/NW-53

Property No.

PRODUCT	URANIUM	PROVINCE OR TERRITORY	British Columbia	N.T.S. AREA	82 E/14	REF. U 2
NAME OF PROPERTY	KETTLE (HYDRAULIC LAKE)		HISTORY OF EXPLORATION AND DEVELOPMENT			
OBJECT LOCATED - Area of 1976 drilling.	UNCERTAINTY IN METRES 300. Lat. 49°47'45" Long. 119°11'40"		The property is located at Hydraulic Lake, 14 miles southeast of Kelowna, covering the head of Hydraulic Creek, Grouse Creek, and Browne Lake areas in the Vernon, Osoyoos, and Greenwood Mining Divisions. The property surrounds a group of PB claims (PB 180-259) owned by Nissho-Iwai Canada Ltd.			
Mining Division	Osoyoos	District	Tye Lake Resources Ltd. in March 1976 optioned 320 units, including the Kettle 1 to 23 claims (196 units) and the Uranus claim group, from Reco Management Enterprises Ltd. Tye Lake began a program of mapping and drilling. Significant uranium mineralization was discovered in hole 76-3 located near the north boundary of Lot 499 S and just south of the PB claims. By respective option agreements of June 1, 1976 and July 8, 1976 the company acquired Lot 945 S from George Thompson, of West Vancouver, and Lot 499 S from D. Wardlow of Kelowna. Work by Tye Lake included 1,619 metres of diamond drilling in 29 holes on Kettle 6, 7, 9, 11, 12, 17, 18.			
County		Township or Parish	By an agreement dated Sept. 3, 1976 Tye optioned a 60% interest in the property to Noranda Exploration Company, Limited and Kerr Addison Mines Limited for joint venture exploration and development, under Noranda management. Work by Noranda to April 1977 included an induced potential survey, and diamond drilling in 6 core and 17 rotary holes totalling about 4,500 feet. Diamond drilling was resumed in May 1977. The option agreement was abandoned in September 1977 and the property reverted to Tye Lake Resources Ltd. Detailed drilling of the discovery deposit delineated over 2 million metric tons of mineralized conglomerate containing in excess of 1.5 million pounds of uranium oxide. (Northern Miner, April 20, 1978).			
Lot		Concession or Range	Placer Development Limited optioned a 55% interest in the property in March 1978. Work during the year included 360 m of diamond drilling in 9 holes on Kettle 6 and 12. Placer carried out metallurgical tests in 1979. The option agreement was terminated on July 31, 1979.			
Sec	Tp.	R.	The British Columbia government on February 27, 1980 announced a seven-year moratorium on uranium mining and exploration in the province.			
OWNER OR OPERATOR AND ADDRESS	New Tye Resources Ltd.		The company name (Tye Lake) was changed in March 1980 to New Tye Resources Ltd.			
DESCRIPTION OF DEPOSIT	Uranium mineralization (autunite) occurs in a thin layer of unconsolidated Middle Tertiary sandstone, conglomerate and regolith which overlies Coryell intrusions and older rocks and are, in turn, overlain by plateau basalt. Drilling to April 1977 tested the mineralized zone for a length of approximately 900 feet across widths of 600 feet. Drilling in 1977 totalled 2,423 m in 39 diamond drill holes, and 4,522 m in rotary drill holes.					

Associated minerals or products of value

Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa.
120049

HISTORY OF PRODUCTION

REFERENCES

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1976, p. E 33; 1977, p. E 37; 1978, p. E 43.
 Mineral Sector; Corporation Files: "Tyee Lake Resources Ltd.".

MAP REFERENCES

Map 15-1961, Kettle River (West Half), (Geol.), Sc. 1": 4 miles, Geol. Surv. of Canada.

#Tyee Lake Resources Ltd., Diamond Drill Hole Map, Kettle 12 claim, Sc. 1":275 ft. - in Northern Miner, Oct. 28, 1976, p. 11.

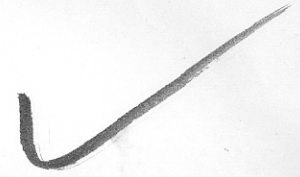
Map 8511 G, Kelowna, (Aeromag.), Sc. 1":1 mile.

*Map 82 E/14 E, Kelowna, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR	DMacR					
Date	06-78	10-80					

BCI 82 E/NW - 53



MINFILE
NEW ORE RESERVES DATA
INPUT FORM

A.D.D.N. 082E N.W. 053 B.C. MAP NO.

7.1.0.0 | KETTLE - TOTAL DEPOSIT | ORE ZONE NAME

7.2.0.0 | IN | CATEGORY (QUALITY)

7.3.0.0 | 7,710,000 | KG | QUANTITY, UNITS

7.4.0.0 | . | DILUTION FACTOR

7.5.0.0 | | COMMENTS ON
7.5.0.0 | | DILUTION FACTOR

7.6.0.0 | 7.7.0.9.0.7 | DATE OF CALCULATION (YYMMDD)

7.7.0.0 | | CALCULATION
7.7.0.0 | | AUTHOR

7.8.0.0 | | COMMODITY, GRADE, UNITS, CUTOFF

7.8.0.0 | |

7.8.0.0 | |

7.8.0.0 | |

7.8.0.0 | |

7.8.0.0 | |

7.9.0.0 | THE VALUE OF THIS UR DEPOSIT IS ESTIMATED TO BE 70,000,000.00 DOLLARS. | GENERAL
7.9.0.0 | | COMMENTS

8.0.0.0 | GCNL #172, SEPT. 7, 1977, RES. | BIBLIOGRAPHY

8.0.0.0 | GCNL #220, NOV. 16, 1977, RES. |

CODER'S INITIALS G.S.



MINFILE
NEW ORE RESERVES DATA
INPUT FORM

A D D N B.C. MAP NO.

7 1 0 0 ORE ZONE NAME

7 2 0 0 CATEGORY (QUALITY)

7 3 0 0 QUANTITY, UNITS

7 4 0 0 DILUTION FACTOR

7 5 0 0 COMMENTS ON DILUTION FACTOR

7 6 0 0 DATE OF CALCULATION (YYMMDD)

7 7 0 0 CALCULATION AUTHOR

7 8 0 0 COMMODITY, GRADE, UNITS, CUTOFF

7 8 0 0

7 8 0 0

7 8 0 0

7 8 0 0

7 8 0 0

7 9 0 0 GENERAL COMMENTS

7 9 0 0

8 0 0 0 GCNL #159, AUG 3, 1979, RES. BIBLIOGRAPHY

8 0 0 0 N, MINER, SEPT 8, 1977, P. 19, RES.

CODER'S INITIALS G.S.



MINFILE
NEW ORE RESERVES DATA
INPUT FORM



A, D, D, N, B.C. MAP NO.

7,1,0,0 ORE ZONE NAME

7,2,0,0 CATEGORY (QUALITY)

7,3,0,0 QUANTITY, UNITS

7,4,0,0 DILUTION FACTOR

7,5,0,0 COMMENTS ON DILUTION FACTOR

7,6,0,0 DATE OF CALCULATION (YYMMDD)

7,7,0,0 CALCULATION AUTHOR

7,8,0,0 COMMODITY, GRADE, UNITS, CUTOFF

7,8,0,0

7,8,0,0

7,8,0,0

7,8,0,0

7,8,0,0

7,9,0,0 GENERAL COMMENTS

7,9,0,0

8,0,0,0 N. MINER, NOV 17, 1977, P. 6 RES BIBLIOGRAPHY

8,0,0,0 N. MINER, AUG 16, 1979, P. 413 RES

CODER'S INITIALS G.S.