

### Location/Identification

<b>MINFILE Number:</b>	092ISW092		
<b>Name(s):</b>	<u>LYTTON BAR</u>		
<b>Status:</b>	Showing	<b>Mining Division:</b>	Kamloops
<b>Regions:</b>	British Columbia	<b>Electoral District:</b>	Yale-Lillooet
<b>BCGS Map:</b>	092I023	<b>Resource District:</b>	Cascades Forest District
<b>NTS Map:</b>	092I04E	<b>UTM Zone:</b>	10 (NAD 83)
<b>Latitude:</b>	50 14 58 N	<b>Northings:</b>	5567309
<b>Longitude:</b>	121 35 46 W	<b>Easting:</b>	600089
<b>Elevation:</b>	150 metres		
<b>Location Accuracy:</b>	Within 500M		
<b>Comments:</b>	Located in the Lytton Bar black sands on the west side of the Fraser River, 1.6 kilometres north of the Fraser and Thompson rivers confluence (Minister of Mines Annual Report 1948).		

### Mineral Occurrence

<b>Commodities:</b>	Uranium		
<b>Minerals</b>	<b>Significant:</b>	Uraninite	
	<b>Mineralization Age:</b>	Unknown	
<b>Deposit</b>	<b>Character:</b>	Unconsolidated	
	<b>Classification:</b>	Placer	
	<b>Type:</b>	C01: Surficial placers	

### Host Rock

<b>Dominant Host Rock:</b>	Sedimentary		
<b>Stratigraphic Age</b>	<b>Group</b>	<b>Formation</b>	<b>Igneous/Metamorphic/Other</b>
Quaternary	Unnamed/Unknown Group	Unnamed/Unknown Formation	-----
<b>Isotopic Age</b>	<b>Dating Method</b>	<b>Material Dated</b>	
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<b>Lithology:</b>	Gravel		

### Geological Setting

<b>Tectonic Belt:</b>	Intermontane	<b>Physiographic Area:</b>	Pavilion Ranges
<b>Terrane:</b>	Quesnel		

### Inventory

<b>Ore Zone:</b>	SHOWING	<b>Year:</b>	1948
<b>Category:</b>	Assay/analysis	<b>Report On:</b>	N
		<b>NI 43-101:</b>	N
<b>Sample Type:</b>	Bulk Sample		

Commodity	Grade
Uranium	0.1600 per cent

**Comments:** Equivalent uranium oxide.

**Reference:** Minister of Mines Annual Report 1948.

### ***Capsule Geology***

The Lytton Bar showing is located in the Lytton Bar black sands on the west side of the Fraser River, 1.6 kilometres north of the Fraser and Thompson rivers confluence.

The black sands are radioactive. A concentrate assayed 0.16 per cent equivalent uranium oxide (Minister of Mines Annual Report 1948). Uraninite is the likely source of radioactivity (Geological Survey of Canada Economic Geology 16).

### ***Bibliography***

EMPR AR \*1948-180

EMPR MAP 22; 39

EMPR OF 1990-32

GSC EC GEOL 16, p. 45; 16 (Rev.), p. 234

GSC MAP 1010A; 42-1989

GSC MEM 262

GSC OF 551; 980

GSC P 46-8; 47-10; 81-1A, pp.185-189; 85-1A, pp. 349-358

**Date Coded:** 1987/09/03

**Coded By:** Larry Jones (LDJ)

**Field Check:** N

**Date Revised:** 1991/02/20

**Revised By:** Shielagh N. Banfield (SNB)

**Field Check:** N