

Location/Identification

MINFILE Number:	082M 321		
Name(s):	<u>SPAHATS SOUTH</u>		
	RAFT		
Status:	Showing	Mining Division:	Kamloops
		Electoral District:	Kamloops-North Thompson
Regions:	British Columbia	Resource District:	Thompson Rivers Natural Resource District
BCGS Map:	082M071		
NTS Map:	082M12W	UTM Zone:	11 (NAD 83)
Latitude:	51 43 33 N	Northing:	5734427
Longitude:	119 51 50 W	Easting:	302213
Elevation:			
Location Accuracy:	Within 500M		
Comments:	See location map in Property File - S. Enns, A. Winkler [1983-02-01]: Final Report 1982 Geochemical Survey Kootenay Arc Tungsten Project, Kidd Creek Mines.		

Mineral Occurrence

Commodities:	Tungsten		
Minerals	Significant:	Scheelite	
	Associated:	Garnet, Quartz, Idocrase, Actinolite, Wollastonite, Pyroxene	
	Alteration:	Garnet, Actinolite	
	Alteration Type:	Skarn	
Deposit	Character:	Disseminated	
	Classification:	Skarn, Replacement, Epigenetic	
	Type:	K05: W skarn	

Host Rock

Dominant Host Rock:	Metasedimentary		
Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Proterozoic-Cambrian	-----	-----	Shuswap Metamorphic Complex
Isotopic Age	Dating Method	Material Dated	
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Lithology: Garnet Actinolite Skarn, Quartz Feldspar Biotite Schist, Quartz Feldspar Gneiss, Quartz Mica Schist, Hornblende Quartz Feldspar Schist

Comments: 0.5 to 1.5 metre bands of skarn zone host scheelite mineralization. The skarn zones consist of garnet and actinolite with lesser amounts of pyroxene, idocrase and wollastonite.

Geological Setting

Tectonic Belt: Omineca

Terrane: Barkerville

Inventory

Ore Zone: SAMPLE
Category: Assay/analysis

Year: 1982
Report On: N
NI 43-101: N

Sample Type: Rock

Commodity	Grade
Tungsten	0.16 per cent

Comments: a sample assayed 0.16 per cent tungsten trioxide over 0.5 metre

Reference: Property File - S. Enns, A. Winkler [1983-02-01]: Final Report 1982 Geochemical Survey Kootenay Arc Tungsten Project, Kidd Creek Mines

Ore Zone: FLOAT
Category: Assay/analysis

Year: 1979
Report On: N
NI 43-101: N

Sample Type: Grab

Commodity	Grade
Tungsten	1.32 per cent

Comments: float grab samples from the area assayed up to 1.32 per cent tungsten trioxide

Reference: Property File - S. Enns, A. Winkler [1983-02-01]: Final Report 1982 Geochemical Survey Kootenay Arc Tungsten Project, Kidd Creek Mines

Capsule Geology

The Spahats South tungsten occurrence is located on the south face of Raft Mountain.

The area is underlain by quartz-feldspar-biotite schist, quartz-felspar gneisses, quartz-mica schists and hornblende-quartz-feldspar schists of the Proterozoic to Paleozoic Shuswap Assemblage. These have a general north east -striking schistosity with a south east dip ranging from 45 to 60 degrees. Locally, isoclinal folding is present.

Locally, 0.5 to 1.5 metre bands of skarn zone host scheelite mineralization. The skarn zones consist of garnet and actinolite with lesser amounts of pyroxene, idocrase and wollastinite. In 1982, a sample assayed 0.16 per cent tungsten trioxide over 0.5 metre. Previous float grab samples from the area, collected in 1979, assayed up to 1.32 per cent tungsten trioxide (Property File - S. Enns, A. Winkler [1983-02-01]: Final Report 1982 Geochemical Survey Kootenay Arc Tungsten Project, Kidd Creek Mines).

In 1979, Texasgulf completed a program of stream sampling and prospecting on the area. In 1982, Kidd Creek Mines completed regional geochemical sampling and prospecting on the area as part of the Kootenay Arc Tungsten project.

Bibliography

EMPR OF 1991-17

EMPR PF (S. Enns, A. Winkler [1983-02-01]: Final Report 1982 Geochemical Survey Kootenay Arc Tungsten Project, Kidd Creek Mines, N. von Fersen (1984-02-01): 1983 Summary Report on the Kootenay Arc Tungsten Project Anomaly Investigations Southern British Columbia, Kidd Creek Mines)

GSC MAP 48-1963

GSC OF 290; 637

GSC P 64-32

Date Coded: 2016/03/31

Coded By: Karl A. Flower (KAF)

Field Check: N

Date Revised: 2016/04/05

Revised By: Karl A. Flower (KAF)

Field Check: