

Schroeter, Tom EM:EX

880553

TGS → Bearpaw
(new)
→ Stone
(new)

From: Aldrick, Dani EM:EX
Sent: Tuesday, October 13, 1998 4:29 PM
To: Hora, Dan EM:EX; Simandl, George EM:EX; Nixon, Graham EM:EX; Schroeter, Tom EM:EX; Lane, Bob EM:EX; Lefebure, Dave EM:EX; McMillan, Bill EM:EX; Smyth, Ron EM:EX; Jones, Larry EM:EX; McKillop, Greg EM:EX
Subject: Stone(d)
Sensitivity: Private

Hello Everyone,

Here is another update on the Bearpaw and Stone mineral occurrences (a.k.a. the Bearpaw Ridge Intrusive Complex)

Thanks to Bob Lane, Greg McKillop, Dave Lefebure, Larry Jones and Danny Hora for passing all this information along.

The claim names are: Stone 1-2 and BT 1-21, and the property is owned by 26BT Resources Ltd.

In 1992, 26BT Resources traveled to the Bear Paw Ridge area to investigate anomalies noted on government gravity and magnetic maps. Follow-up stream sediment sampling (heavy mineral separates) yielded samples unusually rich in magnetite. Staking took place in 1992, followed by an aeromag survey in 1993, and additional staking in 1994. Diamond drilling took place in 1994, 1995 and 1996. A total of 26 holes with an aggregate length of 1005 metres tested the anomalies. Significant concentrations of magnetite, ilmenite and rutile were identified within a folded and foliated dioritic orthogneiss. Assays of grab samples are as high as 25% FeO + 5% TiO. In addition to the drilling, 26BT Resources has covered much of their claims with helicopter-supported Mag and EM surveys as well as ground follow-up. In 1995 a review of all data led to the staking of the BT12 to BT21 claims. In 1997 a Mag-Em survey was flown by Dighem and a geological mapping program generated the first bedrock map of the property. A 1:10,000 scale map is included in A.R. #25280. The same A.R. reports a "crude reserve estimate", using a combination of magnetic field and magnetite content to 'calculate' the estimate, of 62 million tons of recoverable magnetite, in 5% of the zone (a 2.5 sq km area).

Total expenditures for this property since 1992, as provided by the company, are \$335,000.

The streams draining the southern and northern flanks of Bearpaw Ridge are all considered to be high productivity salmon streams, so environmental constraints may be a significant factor for any large operation.

Danny Hora emphasizes that even a small amount of magnesium in the rock can create metallurgical / recovery havoc, if the magnesium is preferentially substituted in the ilmenite crystal lattice - replacing titanium.

Larry Jones has created two new MINFILE entries for the magnetite-ilmenite deposit, which represents the first occurrence of this deposit type identified in British Columbia (Magmatic Ti-Fe Oxide Deposits), and for the nearby dimension-stone deposit. Their respective MINFILE References are: MI 093I 028 - Bearpaw Ridge, and MI 093I 029 - Stone. There are a total of 12 assessment reports filed for these properties (see our website MINFILE database).

The cut grid recently established for geological mapping and ground geophysical surveys over the property was laid out by chain and compass. Wonder if they bothered to correct for declination?

Cheers,

Dani

Dani Aldrick