DIAMOND DRILL REPORT
ON THE SID 1-6 MINERAL CLAIMS
BEAVER RIVER, YUKON TERRITORY
WATSON LAKE MINING DISTRICT
LATITUDE 60° 26' N; LONGITUDE 125° 50' W
N.T.S. MAP-SHEET 95C/5W

Based on work completed between
1 August and 31 August, 1980

for
E & B Explorations Ltd.

by
D.G. Leighton

D.G. Leighton & Associates Ltd.

16 September, 1980
This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representation work in the amount of $1,000.00.

D. Dobrée
Registered Resident Geologist
October 1, 1930

Considered as representation work under Section 53 (4) Yukon Quartz Mining Act.

J. M. Baxter
Supervising Mining Recorder

Commissioner of Yukon Territory
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DRILL HOLE LOCATIONS
GENERAL

A small diamond drilling program was carried out for uranium on the SID claim in August, 1980. In all, 65 feet (20 m) of IEX boring was completed. Object was to test bedrock below a drift-filled lineament which contained radioactive float at surface.

The property is owned by Silver Standard Mines Ltd. Work was done under the direction of R.R. Culbert and D.G. Leighton of D.G. Leighton & Associates Ltd. of Vancouver, B.C. The drill contractor was Terra Drilling Ltd. of Vancouver. The drilling was part of a larger program involving geological work on the property and surrounding area financed by E & B Explorations Ltd. of Calgary.

LOCATION AND ACCESS

The SID claims are located in the Yukon Territory about 170 kilometers east of Watson Lake. Geodetic coordinates are 60° 26' N; 125° 50' W.

Access is by way of helicopter from Watson Lake. Float planes can land at nearby Toobally Lakes from which heavy equipment can be ferried to the property.
CLAIMS - Watson Lake Mining District
SID 1-6        YA 513-518        Group No. 1368

PROPERTY DESCRIPTION

The geology of the area underlying the KID, SID and VISTA mineral claims is extremely complex. Cretaceous (?) intrusive rock consisting mainly of coarse grained syenite has invaded a variety of Proterozoic and Paleozoic lithologies ranging from dolomites to high grade metamorphic assemblages.

Minerals of possible economic interest include uranium-thorium, zinc, rare earths, niobium, silver and others.

DRILLING

(1) The location of drill holes in the SID-6 mineral claim is shown in an accompanying figure.

(2) No core was obtained except for a few feet of barren quartzite in hole 80-11.

(3) Drill logs are attached to this report.

(4) Drill expenditures related backup is attached. More data can be provided upon request.

(5) Core was logged radiometrically in the field rather than assayed.

Respectfully submitted,

16 September, 1980
D.G. Leighton
September 2, 1980

D. G. Leighton & Associates Ltd.,
3155 West 12th Avenue,
Vancouver, B.C.
V6K 2R6

Re: Project #109 Beaver River

12 IEX holes @ $2,000/hole  $24,000.00

<table>
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<th>Expendable equipment:</th>
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<tbody>
<tr>
<td>2 Adapter pins</td>
<td>$ 35.50</td>
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<tr>
<td>1 10' Mag. zirc. rods</td>
<td>68.70</td>
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<tr>
<td>5 5 Mag. zirc. rods</td>
<td>180.75</td>
</tr>
<tr>
<td>1 2 Mag. zirc. rods</td>
<td>28.60</td>
</tr>
<tr>
<td>1 Case oil</td>
<td>49.30</td>
</tr>
<tr>
<td>3 Casing shoe</td>
<td>300.00</td>
</tr>
<tr>
<td>1 Core barrel</td>
<td>122.00</td>
</tr>
<tr>
<td>300' Hose</td>
<td>374.40</td>
</tr>
<tr>
<td>9' casing</td>
<td>77.50</td>
</tr>
<tr>
<td>3 100 sekies bit</td>
<td>248.25</td>
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<tr>
<td>1 200 sekies bit</td>
<td>94.25</td>
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<tr>
<td>1 Rod grease</td>
<td>37.25</td>
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<tr>
<td>Reaming shell</td>
<td>82.25</td>
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<tr>
<td>1 Cross chopping bit</td>
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<tr>
<td>8 Core springs</td>
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<td>TOTAL</td>
<td>$1,801.10</td>
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**Disposition:**

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<td>VISTA Claims</td>
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<td>K10 Claims</td>
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<td>#1368</td>
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<td>#1367</td>
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DDH 80-11 SID LINEAMENT

-45° TOWARDS TRUE NORTH
SECTION TOWARDS 045°

Vertical Depth
Ft   m   %
0    0   -
5    0   -
10   0   -
15   0   -
20   95  -
25   95  -
30   -   -
35   -   -

Overburden
Quartzite (Rusty staining)

DDH 80-12 SID LINEAMENT

-45° TOWARDS TRUE NORTH
SECTION TOWARDS 045°

Depth
Ft   m   %
0    0   -
5    0   -
10   0   -
15   0   -
20   0   -
25   0   -
30   9   -
35   -   -

Overburden