MAR 19700004: COLD LAKE

Received date: Dec 31, 1970
Public release date: Jan 01, 1972

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Department of Mines and Minerals,  
Mineral Division,  
Agriculture Building,  
9718 - 107th Street,  
Edmonton 6, Alberta.

Gentlemen:

Re: Quartz Mineral Exploration Permit No. 76  
Cold Lake Area

Please accept this letter as a report of the work carried out on Quartz Mineral Exploration Permit No. 76. A statutory declaration of the expenditures incurred is also included as a part of this report.

In compliance with our original work program a test hole was drilled on this permit. The following is a list of the data pertinent to this hole:

Location: Lsd. 4, Sec. 35, Twp. 63, Rge. 3 W4M  
Co-ordinates: north 390', east 340'  
Licence No.: 35453  
Hole Size: 4 3/4"  
Depth: 575 feet  
Bore Hole Fluid: water and mud.  
Terminal Formation: 2nd White Specks.  
Completion Date: January 13, 1969.  
Logs: Self Potential 569' - surface.  
Natural Gamma Ray 569' - surface.  
Resistance 569' - surface.  
Samples: 0' - 366' 477' - 535'  
Core: 366' - 477' 535' - 575'  
Plugs: 0' - 25'

The gamma ray curve gave a negative result with respect to the occurrence of uranium ore. The core and samples were checked in Casper, Wyoming for the occurrence of uranium minerals and they also gave a negative result. A copy of the log is attached to this report.

The expenditures incurred in this work program were as follows:
<table>
<thead>
<tr>
<th>Service</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilling</td>
<td>$914.29</td>
</tr>
<tr>
<td>Casing 57' @ 5.50 per foot</td>
<td>$313.50</td>
</tr>
<tr>
<td>Living Allowance 2.6 days @ $7.00 per day for 7 men</td>
<td>$127.40</td>
</tr>
<tr>
<td>Coring 151' @ $5.50 per foot</td>
<td>$830.50</td>
</tr>
<tr>
<td>Logging</td>
<td>$860.40</td>
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<tr>
<td>Supervision and Overhead</td>
<td>$300.00</td>
</tr>
<tr>
<td>Evaluation (core and logs)</td>
<td>$400.00</td>
</tr>
</tbody>
</table>

**TOTAL COSTS** $3,746.09

The drilling, coring and logging were given out on the basis of a five well program and therefore, it has been necessary to take the total invoices and divide them by five in order to pro-rate the costs to the test hole at Cold Lake. We would be happy to furnish you with copies of the invoices if you should wish to examine them.

We intend to surrender this permit in view of the negative results obtained in our exploration program and if this report meets with your approval we respectfully request that our deposit be returned to the address given below.

Yours very truly,

HARRY L. TAYLOR
PETROLEUM AND MINING GEOLOGISTS LTD.
47 Hollinsworth Building,
301 - 8th Avenue, South West,
Calgary 2, Alberta.

Encl.
c.c. Cliffs of Canada Ltd.,
Thunder Bay, Ontario.

THIS IS EXHIBIT "A" REFERRED TO IN THE ATTACHED STATUTORY DECLARATION.

SWORN before me at the City of Calgary, in the Province of Alberta, this 20th day of January, A.D. 1970.

A Commissioner for Oaths in and for the Province of Alberta.
QUARTZ MINERAL EXPLORATION PERMIT No. 76

DATE OF ISSUE - DECEMBER 12, 1968
AREA - 9,920 ACRES

GEOSCOPE PETROLEUM CONSULTANTS LTD.,
235 EXAMINER BLDG.,
805 - 5th STREET S.W.,
CALGARY, ALBERTA

TP. 64
TP. 63
R. 3 W. 4 M.
QUARTZ MINERAL EXPLORATION PERMIT No. 76

CANCELLED

GEOSCOPE PETROLEUM CONSULTANTS LTD.,
235 EXAMINER BLDG.,
805 - 5th STREET S.W.,
CALGARY, ALBERTA

DATE OF ISSUE - DECEMBER 12, 1968
AREA - 9,920 ACRES
NO LEASES SELECTED

R. 3 W. 4 M.