MAR 19560001: SOUTHWESTERN ALBERTA

Received date: Dec 31, 1956
Public release date: Jan 01, 1958

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Drilling for Iron Ore is now confined to the Narasek area. There will be no further drilling done either at Iron Flats or the Narasek Area this year. With the exception of a slight number of assays pertaining to the Narasek Area, complete assay information has been received. It is therefore possible to arrive at final estimates of ore outlined in these two areas during the exploration program carried out in 1956. This has been done and the results are tabulated below.

**Narasek**

<table>
<thead>
<tr>
<th>Ore</th>
<th>Tons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over 40% Fe</td>
<td>2,570,000</td>
</tr>
<tr>
<td>Between 30 and 40% Fe</td>
<td>2,050,000</td>
</tr>
<tr>
<td>Less than 30% Fe</td>
<td>3,050,000</td>
</tr>
</tbody>
</table>

The average grade of the ore over 40% is 46.2% and that of the 30 to 40% is 35%. Therefore a reserve of 4,650,000 tons of ore averaging 40% iron has been defined.

**Iron Flats**

<table>
<thead>
<tr>
<th>Ore</th>
<th>Tons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over 40% Fe</td>
<td>5,100,000</td>
</tr>
<tr>
<td>Between 30 and 40% Fe</td>
<td>4,100,000</td>
</tr>
<tr>
<td>Less than 30% Fe</td>
<td>6,200,000</td>
</tr>
</tbody>
</table>

The average grade of the ore over 40% is 45.0%.

**Milvain's**

Drilling is progressing as rapidly as possible in this area with the purpose of determining the westerly extension of the ore horizon. As soon as the results of the drilling are known, similar estimates will be made of the area.

Respectfully,

R. H. Diamond, Engineer.
Midseason Report: July 25, 1956
by Robt. Stenier

Iron Flats (other drilling)
- immediately available - 5 - 14 m. tons
- potential - upwards of 25 m. tons
- "siderite 55" underlying the ore which could be mined.

Burmis North (before drilling)
area between Bottrich's and Maracek Tunnel
may contain 78 million tons grading 42 to 47% iron. "A conservative estimate."
Possible potential closer to 195 m. tons.

Todd Creek (before drilling)
around 38 million tons.
IRON PROSPECTING PERMIT NO. 5

CANCELLED August 3, 1957

WEST CANADIAN COLLIERIES LIMITED,
BLAIRMORE, ALBERTA.

AREA - 80,167.7 ACRES.

LEASES SELECTED - AUGUST 2, 1957.

- LEASES.
IRON PROSPECTING PERMIT No. 7

CANCELLED. August 3, 1957

JEAN ALBERT BRUSSET, 1/6 WEST CANADIAN COLLIERIES, LIMITED, BLAIRMORE, ALBERTA.

AREA - 34,808 ACRES.

LEASES SELECTED - AUGUST 2, 1957.
- LEASES.
IRON PROSPECTING PERMIT NO. 7

AMENDED AS TO PERMIT AND LEASE SELECTION.
CANCELLED: AUGUST 3, 1957
JEAN ALBERT BRUSSET,
% WEST CANADIAN COLLIERIES, LIMITED,
BLAIRMORE, ALBERTA.

DATE OF ISSUE: OCTOBER 20, 1955.
AREA: 34,678 ACRES.

LEASES SELECTED: AUGUST 2, 1957.

- LEASES.
IRON PROSPECTING PERMIT No. 8

CANCELLED: August 21, 1957
WILLIAM BIRD,
BLAIRMORE, ALBERTA.
AREA – 47,840 ACRES.