

# MAR 19630002: WEST CENTRAL ALBERTA

Received date: Dec 31, 1963

Public release date: Jan 01, 1965

## **DISCLAIMER**

By accessing and using the Alberta Energy website to download or otherwise obtain a scanned mineral assessment report, you ("User") agree to be bound by the following terms and conditions:

- a) Each scanned mineral assessment report that is downloaded or otherwise obtained from Alberta Energy is provided "AS IS", with no warranties or representations of any kind whatsoever from Her Majesty the Queen in Right of Alberta, as represented by the Minister of Energy ("Minister"), expressed or implied, including, but not limited to, no warranties or other representations from the Minister, regarding the content, accuracy, reliability, use or results from the use of or the integrity, completeness, quality or legibility of each such scanned mineral assessment report;
- b) To the fullest extent permitted by applicable laws, the Minister hereby expressly disclaims, and is released from, liability and responsibility for all warranties and conditions, expressed or implied, in relation to each scanned mineral assessment report shown or displayed on the Alberta Energy website including but not limited to warranties as to the satisfactory quality of or the fitness of the scanned mineral assessment report for a particular purpose and warranties as to the non-infringement or other non-violation of the proprietary rights held by any third party in respect of the scanned mineral assessment report;
- c) To the fullest extent permitted by applicable law, the Minister, and the Minister's employees and agents, exclude and disclaim liability to the User for losses and damages of whatsoever nature and howsoever arising including, without limitation, any direct, indirect, special, consequential, punitive or incidental damages, loss of use, loss of data, loss caused by a virus, loss of income or profit, claims of third parties, even if Alberta Energy have been advised of the possibility of such damages or losses, arising out of or in connection with the use of the Alberta Energy website, including the accessing or downloading of the scanned mineral assessment report and the use for any purpose of the scanned mineral assessment report so downloaded or retrieved.
- d) User agrees to indemnify and hold harmless the Minister, and the Minister's employees and agents against and from any and all third party claims, losses, liabilities, demands, actions or proceedings related to the downloading, distribution, transmissions, storage, redistribution, reproduction or exploitation of each scanned mineral assessment report obtained by the User from Alberta Energy.

N. S. EDGAR, P. ENG.

MINING ENGINEER

ECONOMIC MINERALS

FILE REPORT No.

FE-AE-022(0)

19630002

304 Noble Building,  
Edmonton, Alberta.

March 4, 1963.

REPORT ON IRON PROSPECTING PERMIT NO. 22.

Introduction.

This Permit covers land in Twp's. 79 and 80, Rg's. 9 and 10 West of the 6th. Meridian, Alberta. It was taken out to permit exploration for possible Iron ore occurrences to the west of Permit No. 21. The land area is outlined on the attached map. (Map #1, see plastic insert).

Work Program.

During January and February 1963, four holes were drilled on this Permit at the locations shown on the attached plan. Logs of the holes are included as an appendix to this report.

Interpretation of results.

All of these drill holes encountered deep glacial till overlying bedrock. Only two of the holes penetrated bedrock, namely 8-35-79-10-6, and 13-22-79-10-6.

Both of these bedrock intersections are at elevations calculated to be below the iron formation horizon known to lie to the east and since the general topography of the remainder of the Permit area also lies to the west and below this elevation, no ore intersections may be expected in any other holes that might be drilled in this area.

Recommendations.

In the light of the drilling results mentioned above, no further exploration can be recommended, and, accordingly, there is no further interest in maintaining the Permit.

  
N. S. Edgar, P. Eng.

TP. 80, R. 10

TP. 80, R. 9

TP. 79, R. 10

TP. 79, R. 9

N. S. EDGAR B.SC. P.ENG. EDMONTON-ALBERTA

PLAN OF IRON PROSPECTING PERMIT NO. 22  
SHOWING DRILL HOLE LOCATIONS

SCALE: 1" = 3333'

DATE: MARCH 4, 63

D'W'N: H. W.  
C'K'D: N. S.E.

LOG OF DRILL HOLE NO. 1-36-79-10W6Location: In SE 1/4 of LSD Elevation Top: NIL Depth: 100' Page No. 1Elevation: 2570 Inclination: 90° Date Completed: 2 February, 1963

Drill Core		Description	Samples		Description
From	To		From	To	
0'	12'	Tan coloured surface clays some iron-stained clay fragments			No samples
12'	100'	Glacial clay			
		Bottom of hole at 100' elev. 2470			
		<u>No bedrock</u>			

LOG OF DRILL HOLE NO. 3-36-79-10W6

Location: NE Corner of LSD Elevation Top: NIL Depth: 110' Page No. 1

Elevation: 2560 Inclination: 90° Date Completed: 2 February, 1963

Drill Core		Description	Samples		Description
From	To		From	To	
0'	11'	Tan coloured surface clay			No samples
11'	110'	Grey to brown glacial clay at 69' broken qtz. frags.  Bottom of hole at 110' elev. 2450			

LOG OF DRILL HOLE NO. 8-35-79-10W6

Location: Center of LSD Elevation Top: NIL Depth: 100' Page No. 1

Elevation: 2540 Inclination: 90° Date Completed: 2 February, 1963.

Drill Core		Description	Samples		Description
From	To		From	To	
0'	12'	Tan coloured surface clays			No samples
12'	91'	Glacial clay			
91'		<u>Bedrock</u> 2449			
91'	100'	Grey clay shale			
		Bottom of hole at 100' elev. 2440			

LOG OF DRILL HOLE NO. 13-22-79-10W6

Location: In NW Corner of LSD Elevation Top: NIL Depth: 70' Page No. 1

Elevation: 2610 Inclination: 90° Date Completed: 16 January, 1963.

Drill Core		Description	Samples		Description
From	To		From	To	
0'	9'	Tan coloured surface clays			Grab samples taken at 5' intervals
9'	54'	Blue grey, sticky, plastic, glacial clay			
54'		<u>Bedrock</u> elev. 2556			
54'	70'	Dark grey clay shale			
		Bottom of hole at 70' elev. 2540			