

# MAR 19540005: CLEAR HILLS

Received date: Dec 31, 1954

Public release date: Jan 01, 1956

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File ..... 24 .....

CALGARY, ALBERTA  
CANADA

October 25, 1954

Mr. H. W. Siebens  
Siebens Oil Producers Ltd.,  
1106 Crescent Road  
Calgary, Alberta

ECONOMIC MINERALS

FILE REPORT No.

FE-AF-003 (21)

Subject: Iron Ore Permit Number 3

Dear Mr. Siebens:

As requested by you, a geological inspection party was organized to examine the possibilities of iron ore outcrops on the permit mentioned above. I engaged the services of Mr. Wm. MacDonald, as Geologist, and Associated Helicopters Limited, for the conducting of this survey. The actual survey was started on September 1, 1954 and completed September 8, 1954. On September 1, Mr. MacDonald and I made an inspection of the rivers where probable outcrops would exist in the southern portion of the permit. On September 2, Mr. MacDonald returned to points of probable outcrops that had been observed by us during our first flight inspection.

On September 3, I spent approximately three hours making inspections of probable outcrops in the northern portion of the permit. After having made these two aerial surveys with numerous landings, I was of the opinion that all outcrops previously observed from air flights were of glacial composition, and this was later confirmed by Mr. MacDonald, as he has outlined in a previous report.

To further substantiate these findings I recall some results of a siesmograph crew that worked throughout the subject area in the year 1950 and of which crew I was Supervisor. Shot holes were drilled from 60 to 120 feet in depth, with no signs of ore of any type being encountered. Furthermore, in the drilling of the holes the mud circulation was maintained in all holes without difficulty. If ore bodies had been encountered in this drilling, the return circulation would have been difficult -if not impossible to maintain at the contact horizon of the ore.

We have investigated the possibilities of gravity meter surveys, magnetic surveys, and radio-active surveys, and they would be of negative value.

With the above facts and findings at hand, it is my recommendation that exploration work of all types be discontinued on this permit.

Mr. H. W. Siebens  
Siebens Oil Producers Ltd.  
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I am enclosing with this report maps indicating the landing points, as well as the approximate flight courses made over the area.

Yours very truly,

PHARES EXPLORATION COMPANY LTD.



Wayne A. Phares

WAP:lf

encls.

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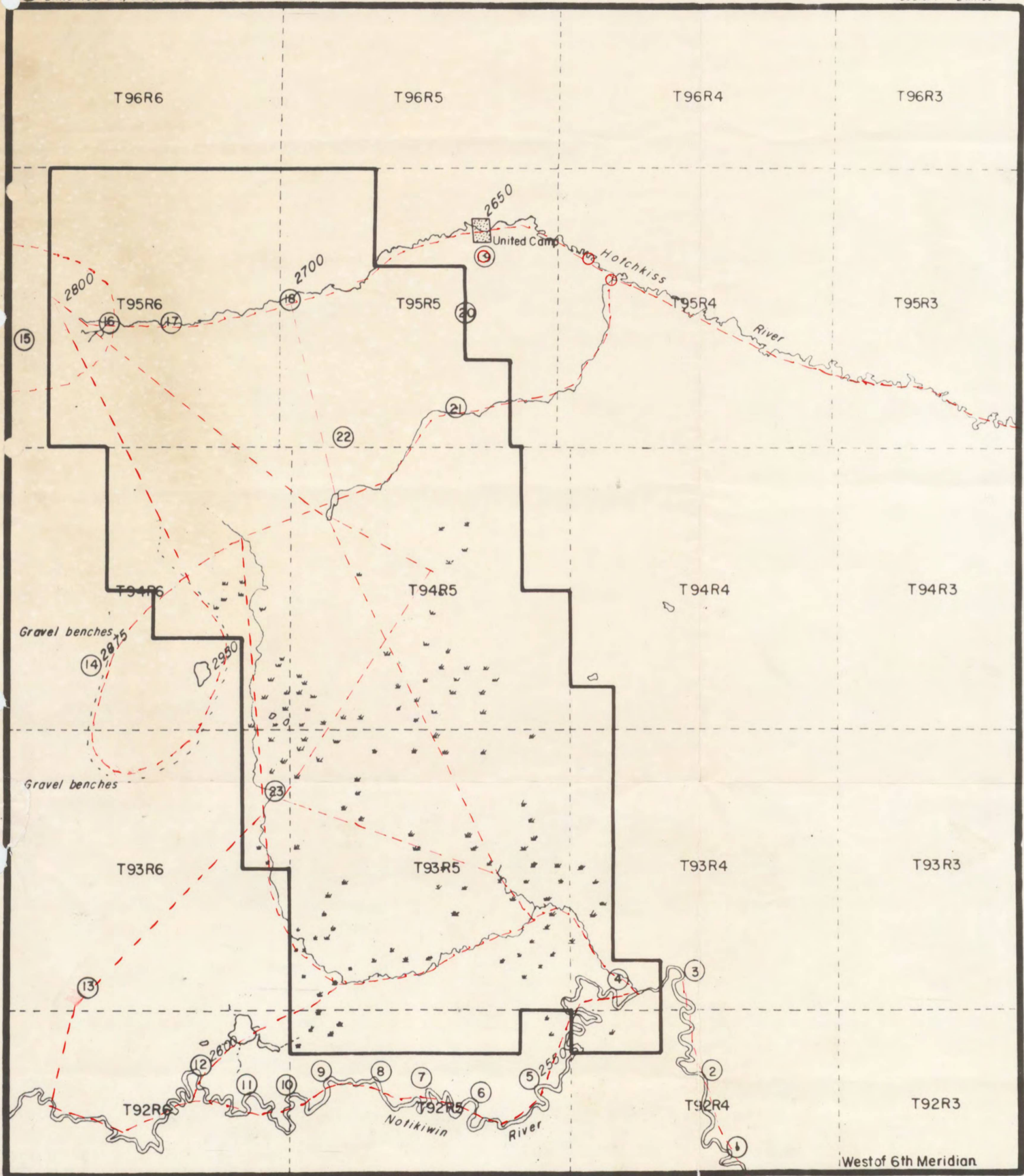
--- Flight Inspection Lines

○ Ore Outcrops

③ LANDINGS and/or SURFACE POINTS EXAMINED

(PLAN "1)

Scale: 1" = 2 miles



West of 6th Meridian

84E/2+7

# IRON PROSPECTING PERMIT No. 3

CANCELLED. FEBRUARY 21, 1955

DAVID MYRON VIPOND,

302 NORTHERN HARDWARE BLDG.,  
EDMONTON, ALBERTA.

DATE OF ISSUE - MARCH 24, 1954.  
AREA - 99,840 ACRES.

TP. 95

TP. 94

TP. 93

TP. 92

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R. 5

R. 4

R. 3 W. 6 M.

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