

Fairweather Area.

FR.

July 15 - 22nd

Branch  
105 N-2  
J. French  
1966

Formations consist of Granite, quartzites, skarn material, and quartz-mica schist.

Copper-Pyrrhotite occurs as small isolated bodies in the quartzites associated with skarn material.

The largest being approximately 25' long and 15' thick. Striking N. 40° W. and dipping South-westerly 45° +. These showings occur close to a granite plug at an elevation of 5800'. Most of the quartzites appear rusty on the surface, but when broken show very sparse Fe. mineralization.

The quartzites of Lone Cone (see sketch) contain considerable amounts of pyrrhotite, only a few specks of Chalcopyrite was noted.

The structure of the Cone has a anticlinal appearance. ~~and~~ and the mineralization occurs along the folds.

All the outcrops inspected South and west of the cone were of sedimentary origin having a NW-SE trend and dipping in general westerly.

Some of the sediments showed sinclinal folding.

No mineralization was noted. 24 soils and Silt (FR. 1-F to 24-F) were taken in the area.

J. B. French

Atlas Ex.

018042



# ATLAS EXPLORATIONS LIMITED

(N.P.L.)

BOX 3050

WHITEHORSE, YUKON TERRITORY

 = Showings

OVERBURDEN

6688'

GRANITE

QUARTZITES

75'

OVERBURDEN

LONE CONE

OVERBURDEN

OVER BURDEN



# ATLAS EXPLORATIONS LIMITED

(N.P.L.)

BOX 3050

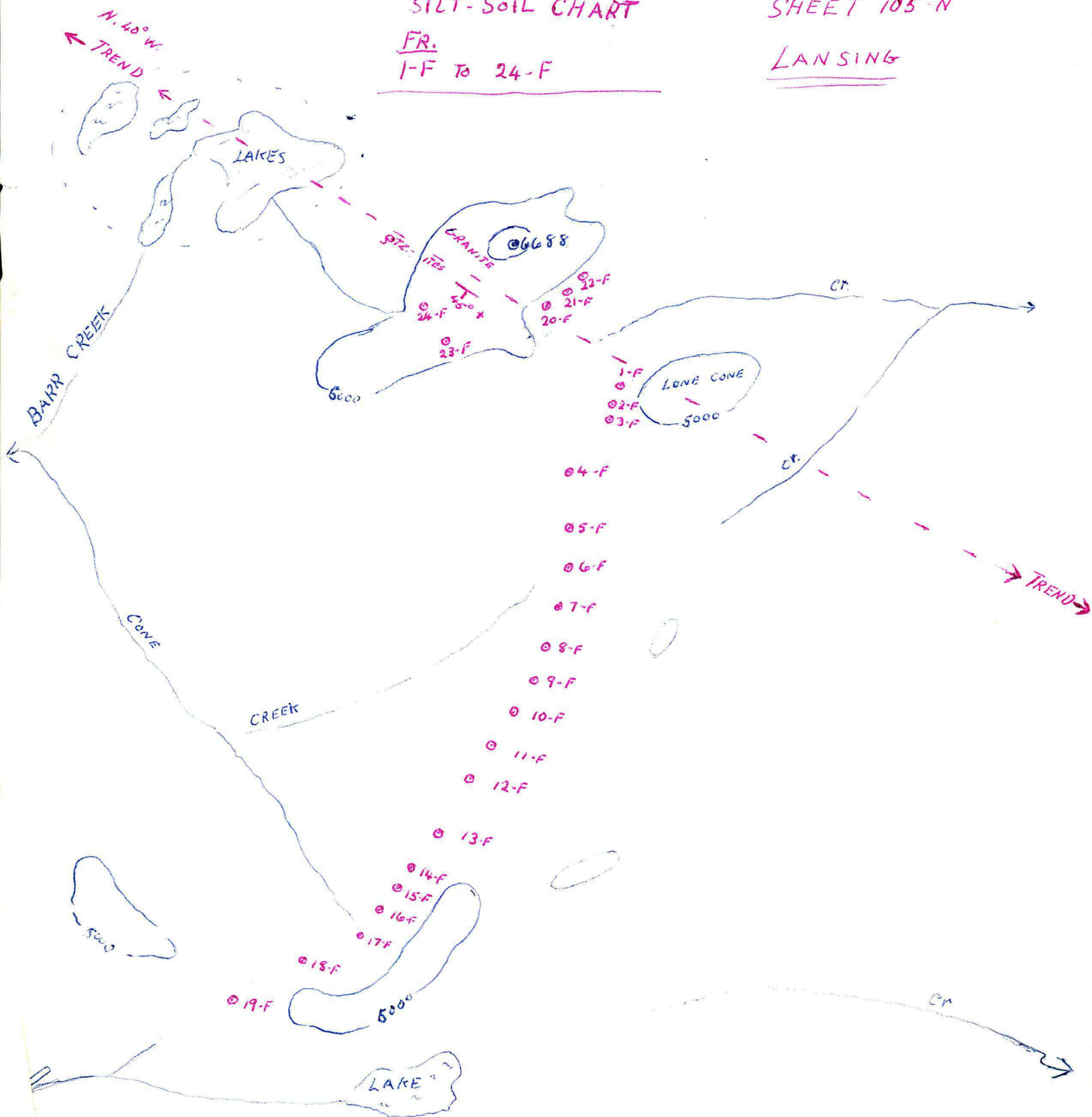
WHITEHORSE, YUKON TERRITORY

## SILT-SOIL CHART

SHEET 105-N

FR.  
1-F TO 24-F

LANSING





**ANALYTICAL WORK SHEET  
GEOCHEMICAL**

Report Number R-54-66

Weight of Sample 0.500g

From T. French

Extraction Hot HCl-HNO<sub>3</sub>

Tested For Cu-Pb-Zn

Volume Used 10 ml

Date 1 Aug 66

Analyst JROD + HAR

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
1	1-F	35	70	2	8	73	114			
2	2-F	34	68	2	8	71	110			
3	3-F	33	66	5	20	72	112			
4	4-F	17	34	4	16	78	126			
5	5-F	19	38	3	12	59	87			
6	6-F	32	64	8	32	70	108			
7	7-F	33	66	5	20	68	104			
8	8-F	31	62	4	16	69	106			
9	9-F	54	108	4	16	75	118			
10	10-F	55	110	7	28	78	126			
11	11-F	42	84	6	24	55	79			
12	12-F	43	86	5	20	58	85			
13	13-F	29	58	4	16	52	73			
14	14-F	37	74	5	20	64	96			
15	15-F	39	78	5	20	62	92			
16	16-F	24	48	5	20	58	85			
17	17-F	17	34	8	32	69	106			
18	18-F	20	40	9	36	64	96			
19	19-F	16	32	8	32	48	67			
20	20-F	29	58	6	24	63	94			
21	21-F	29	58	3	12	64	96			
22	22-F	21	42	1	4	51	72			
23	23-F	31	62	2	8	64	96			
24	24-F	74	1480	4	16	84	143			