



**BUTLER BROTHERS**  
 MAP SHOWING EXPLORATIONS  
 ON  
 NE 1/4 - N.W. 1/4 SEC. 9-57-21.  
 SCALE 1" = 200'  
 SCALE OF PITS 1" = 20'  
 DATE OF MAP [REDACTED]

**DRIFT No 7**

FROM TO	IRON	SIL.	AL.	MOIST.
0 25	60.86	399	.96	
25 50	59.05	692	1.32	
50 75	60.05	437	1.32	
75 100	61.97	272	1.34	
100 125	62.45	319	1.03	
125 150	53.44	396	6.13	
150 175	49.55	1263	8.22	
175 200	58.43	612	.94	7.8
200 225	56.49	9.52	.78	6.8
225 250	54.39	1316	.83	8.0
250 275	55.87	8.34	1.15	8.3
275 300	57.13	6.83	1.26	8.3
300 310	52.96	14.53	1.19	9.8

N.C.C. No 1

FROM TO	IRON	SIL.	AL.	MOIST.
0 25	56.94	7.56	.98	8.8
25 50	55.00	7.08	1.43	9.2
50 83	57.72	6.83	1.52	10.3

**S.C.C. No 1**

FROM TO	IRON	SIL.	AL.	MOIST.
0 25	55.85	7.81	.83	8.8
25 59	53.37	10.53	1.33	9.0
59 70	42.14	30.33	.90	9.6

N.C.C. No 2

FROM TO	IRON	PHOS.	SIL.	MNG.	ALUM.	MOIST.
0 25	55.03	0.72	8.13	1.64	1.23	9.9
25 35	52.44	0.63	14.17	.60	1.29	
35 45	49.55	0.78	13.16	3.48	.93	
45 55	52.04	0.49	12.01	2.64	1.06	
55 65	45.64	0.80	20.23	2.79	1.19	
65 79	47.09	1.04	19.13	2.32	2.12	15.2

**S.C.C. No 2**

FROM TO	IRON	SIL.	AL.	MOIST.	
0 10	57.10	7.41	.76	1.21	9.8
10 20	56.45	7.53	.66	.79	7.7
20 30	51.38	15.17	.83	.83	10.0
30 40	47.01	21.50	.86	1.24	9.1
40 50	47.87	21.18	.44	1.63	9.8
50 60	50.89	15.93	.76	1.32	10.8
60 70	42.46	27.86	1.26	1.11	11.0
70 77	27.96	52.84	1.38	.69	6.9

**DRIFT No 8**

FROM TO	IRON	SIL.	AL.	MOIST.		
0 10	49.84	0.55	15.23	2.80	2.68	10.0
10 20	48.37	0.67	12.56	3.82	1.55	11.6
20 30	47.76	0.43	22.02	.74	1.00	8.3

**RAISE 33**  
927.0

FROM TO	IRON	SIL.	AL.	MOIST.	
33 33	53.34	10.08	32	6.86	17.10
27 27	62.77	3.03	40	1.02	9.20
16 16	47.34	13.25	88	8.26	19.20

One Not Sampled  
 IRON SILICA MN. AL. MOIST.

**TP 31**  
1002.0

DEPTH	IRON	SIL.	AL.	MOIST.
SURFACE				
15				

**TP 32**  
1002.1

DEPTH	IRON	SIL.	AL.	MOIST.
5 SURFACE				

**TP 36**  
919.0

DEPTH	IRON	SIL.	AL.	MOIST.	
10 1/2	46.74	14.33	.72	8.39	19.70
13 1/2	51.11	15.79	.52	1.43	8.10
25	57.35	5.98	.60	1.15	9.00
32	52.98	15.15	1.20	.73	8.90
38 1/2	51.03	15.62	1.46	3.41	13.10

Water

**RAISE 34**  
928.1

DEPTH	IRON	SIL.	AL.	MOIST.	
35 SURFACE					
30	48.33	13.24	46	8.28	17.40
27	60.78	4.24	46	1.97	15.00
19	59.20	5.84	34	3.38	15.30
14	59.33	5.70	22	1.05	9.90
2	42.28	16.60	1.56	11.42	16.20

One Not Sampled  
 IRON SILICA MN. AL. MOIST.

**TP 37**  
921.8

DEPTH	IRON	SIL.	AL.	MOIST.	
4 SURFACE					
7 1/2	49.68	19.24	1.20	1.74	11.90
11	Taconite				

**TP 41**  
888.8

DEPTH	IRON	SIL.	AL.	MOIST.	
10 1/2	50.11	0.74	19.11		
15 1/2	59.69	0.62	6.72		
20	58.40	0.72	9.13		
24 1/2	56.16	0.94	12.27		
27 1/2	56.32	0.81	10.48		

**RAISE 36**  
930.3

DEPTH	IRON	SIL.	AL.	MOIST.		
36 SURF.						
22	49.43	0.94	15.33	4.2	3.81	11.4
12	53.15	0.77	11.40	5.4	1.84	12.7
2	42.52	0.79	17.51	.90	11.60	24.1

IRON PHOS. SIL. MN. AL. MOIST.

**TP 33**  
921.5

DEPTH	IRON	SIL.	AL.	MOIST.	
9	43.29	27.88	1.02	.81	10.76
24	54.63	13.21	.76	1.78	11.00
32	54.15	13.28	1.08	1.12	9.20
41	48.10	19.43	2.12	1.26	15.20

Water

**TP 38**  
892.2

DEPTH	IRON	SIL.	AL.	MOIST.	
17	43.72	28.98			
22	57.12	9.63			
29	58.82	7.06			
31	53.42	6.98			
34	50.02	20.05			

QTZ.

**LD.H.A-1**  
852.6

DEPTH	IRON	SIL.	AL.	MOIST.	
5	41.13	0.59	34.00	.30	.84
10	42.50	0.61	39.97	.31	.82
15	38.19	0.64	39.17	.23	.61

**TP 34**  
922.6

DEPTH	IRON	SIL.	AL.	MOIST.	
7	56.32	11.73	.90	1.14	10.20
20	39.91	34.69	.24	1.17	12.00

HEAVY QTZ.

**TP 39**  
911.6

DEPTH	IRON	SIL.	AL.	MOIST.	
10 1/2	55.94	6.58			13.8

P.R.

**C.D.H.A-2**  
853.3

DEPTH	IRON	SIL.	AL.	MOIST.	
5	48.12	0.50	21.48	.96	1.24
10	46.89	0.48	25.45	.68	.98
15	50.25	0.38	23.40	.24	.53
20	44.96	0.28	30.38	.28	.90
25	39.12	0.27	41.34	.16	.56
30	43.39	0.33	34.04	.14	.61

**TP 35**  
922.8

DEPTH	IRON	SIL.	AL.	MOIST.	
4	Taconite				

**TP 40**  
890.8

DEPTH	IRON	SIL.	AL.	MOIST.	
7	45.50	26.20			
11	32.03	47.21			
22	52.06	17.17			
28	56.65	11.93			

**C.D.H.A-3**  
852.8

DEPTH	IRON	SIL.	AL.	MOIST.	
5	48.00	0.69	25.03	.14	.49
10	42.83	0.77	31.63	.24	.55
15	50.42	0.69	21.30	.20	.54
20	52.95	0.68	19.20	.14	.69
25	49.55	0.50	24.99	.12	.49
30	53.12	0.55	19.92	.22	.60