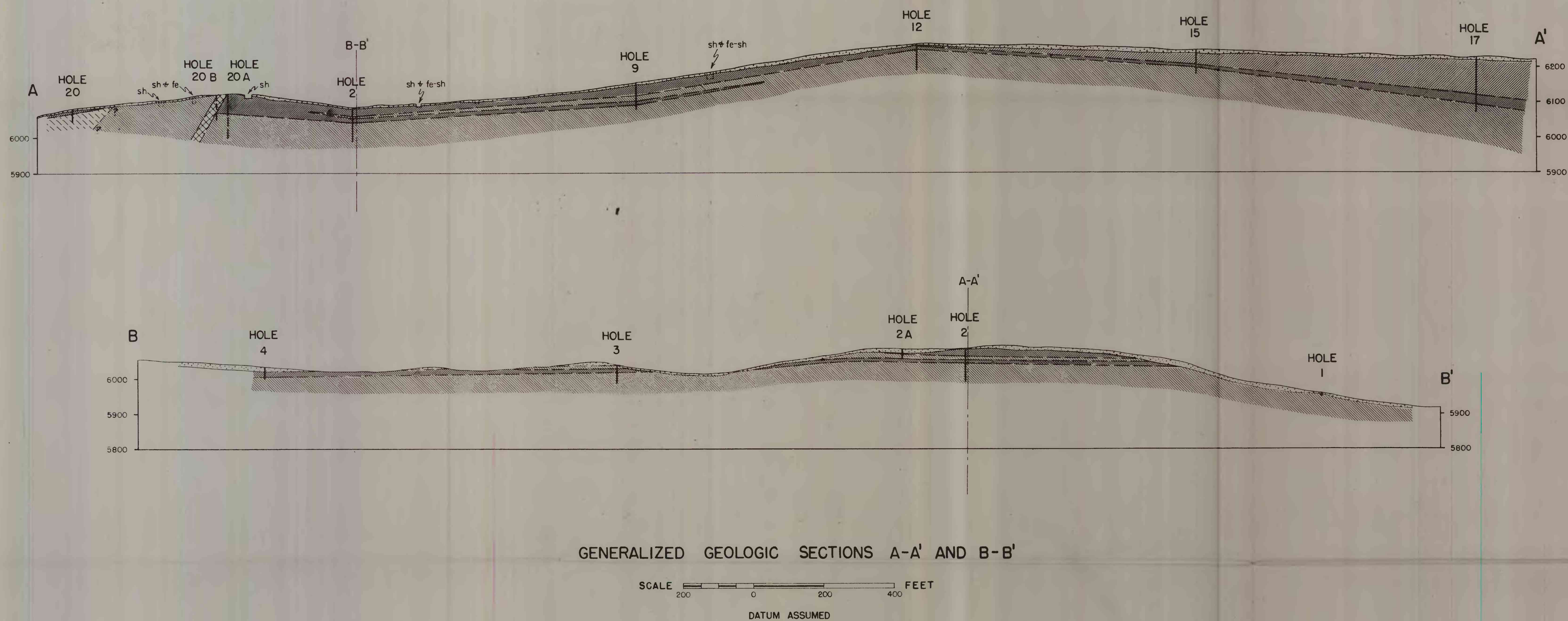


46-15



HOLE 18
Elev. Collar 6023

Fl.	%Fe	%S	%P	%SiO ₂	%CaO
0	6.61	0.041	0.015	0.26	0.08
5	8.41				
10	13.37				
15	12.51				
20	15.69				
25	12.11				
30	9.96				
35	20.06				
40	14.31				
45	7.72				
50	8.48				
55	6.10				
60					

HOLE 19
Elev. Collar 5955

Fl.	%Fe
0	10.45
5	10.39
10	9.36
15	8.84
20	7.25
25	

HOLE 20
Elev. Collar 6080

Fl.	%Fe
0	4.87
5	4.24
10	3.89
15	4.17
20	4.74
25	5.00
30	4.93
35	

HOLE 20B
Elev. Collar 6120

Fl.	%Fe
0	20.87
5	23.32
10	23.12
15	16.18
20	13.17
25	6.84
30	5.05
35	6.70
40	5.43
45	4.84
50	4.55
55	4.77
60	4.55
65	4.57
70	

HOLE 20A
Elev. Collar 6130

Fl.	%Fe	%S	%P	%SiO ₂
0	41.60	0.34	0.047	25.74
5	43.70	0.34	0.043	26.49
10	41.15	0.43	0.049	30.07
15	36.25	1.30	0.042	36.20
20	45.58	0.67	0.046	23.34
25	46.50	0.19	0.040	22.36
30	41.75	0.16	0.039	30.00
35	47.90	0.15	0.035	19.80
40	46.00	0.14	0.021	24.34
45	43.78	0.16	0.020	27.47
50	33.86			
55	24.70			
60	33.86			
65	32.75			
70	23.07			
75	13.84			
80	33.14			
85	38.00			
90	34.28	0.19	0.047	43.27
95	40.10	0.38	0.051	35.01
100	19.07			
105	13.82			
110	19.07			
115	12.62			
120	7.80			
125	6.55			
130	5.01			
135	4.67			

HOLE 4
Elev. Collar 6035

Fl.	%Fe
0	3.29
5	6.31
10	2.86
15	11.84
20	12.31
25	11.16
30	2.67
35	2.81
40	2.42
45	2.61
50	2.39

HOLE 3
Elev. Collar 6040

Fl.	%Fe
0	3.81
5	2.68
10	2.86
15	2.75
20	2.77
25	2.77
30	2.81
35	2.81
40	2.61
45	2.39
50	

HOLE 2A
Elev. Collar 6080

NO SAMPLES

HOLE 2
Elev. Collar 6083

Fl.	%Fe
0	12.52
5	17.5
10	8.54
15	22.5
20	5.39
25	4.30
30	8.81
35	3.96
40	3.50
45	3.20
50	2.69
55	2.42
60	2.98
65	2.54
70	2.67
75	2.80
80	3.11
85	2.75
90	
95	

HOLE 1
Elev. Collar 5960

Fl.	%Fe
0	13.67
5	13.93
10	

HOLE 8A
Elev. Collar 6100

Fl.	%Fe
0	11.70
5	6.80
10	6.24
15	5.05

HOLE 8
Elev. Collar 6100

Fl.	%Fe
0	2.58
5	10.53
10	4.72
15	3.77
20	3.00
25	3.68
30	2.80
35	3.14
40	2.87
45	2.69
50	

HOLE 12B
Elev. Collar 6168 (Approx.)

Fl.	%Fe
0	13.50
5	39.50
10	31.48
15	19.60
20	

HOLE 9
Elev. Collar 6155

Fl.	%Fe	%S	%P	%SiO ₂	%CaO
0	43.05	0.25	0.067	21.59	0.30
5	45.35	0.23	0.046	17.11	0.34
10	32.80	0.18	0.056	31.09	0.55
15	26.47	0.13	0.073	38.88	0.56
20	16.95				
25	11.77				
30	7.14				
35	7.81				
40	7.96				
45	8.11				
50	7.29				
55	7.51				
60	11.39				
65	13.27				
70	6.01				
75					

HOLE 13A
Elev. Collar 6155 (Approx.)

Fl.	%Fe
0	25.35
5	19.41
10	

HOLE 12A
Elev. Collar 6210 (Approx.)

Fl.	%Fe
0	20.56
5	32.50
10	25.75
15	18.41
20	

HOLE 12
Elev. Collar 6265

Fl.	%Fe	%S	%P	%SiO ₂	%CaO
0	29.75	0.398	0.052	39.64	0.52
5	32.80	0.534	0.047	35.45	0.54
10	15.95				
15	14.96				
20	17.35				
25	9.65				
30	6.34				
35	4.41				
40	4.20				
45	4.62				
50	7.11				
55	3.98				
60	4.01				
65	3.30				
70					

EXPLANATION

- Overburden
- Limonite and hematite detrital boulders in overburden
- Cherty, ferruginous shale
- Ferruginous shale, locally hematite and limonite
- Vein form hematite, limonite and jasperoid quartz
- Shale, locally ferruginous, calcareous and cherty
- Limestone

HOLE 6
Elev. Collar 5935

Fl.	%Fe
0	10.92
5	10.57
10	13.69
15	11.92
20	5.97
25	4.62
30	

HOLE 6A
Elev. Collar 5925

Fl.	%Fe
0	39.50
5	31.27
10	36.51
15	31.94
20	27.67
25	33.35
30	7.89
35	

HOLE 21
Elev. Collar 5880

Fl.	%Fe	%S	%P	%SiO ₂
0	SOIL			
5	41.98	1.22	0.087	22.27
10	17.70			
15				
20				

HOLE 15
Elev. Collar 6250

Fl.	%Fe
0	20.01
5	31.32
10	29.31
15	29.20
20	30.59
25	13.70
30	14.30
35	26.22
40	44.01
45	15.52
50	28.80
55	13.35
60	5.34
65	7.61
70	

HOLE 16
Elev. Collar 6380

Fl.	%Fe	%S	%P	%SiO ₂	%CaO
0	24.69	0.178	0.057	52.50	0.78
5	33.61	0.306	0.058	43.61	0.15
10	32.95	0.250	0.070	43.35	0.02
15	22.00				
20	12.70				
25	13.70				
30	14.30				
35	26.22				
40	19.58				
45	8.69				
50	15.52				
55	5.95				
60	5.65				
65					

HOLE 17
Elev. Collar 6225

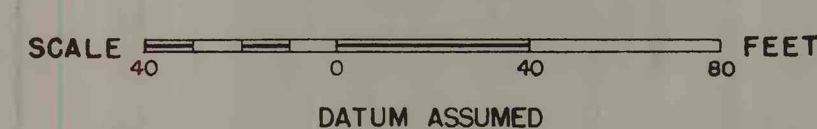
Fl.	%Fe	%S	%P	%SiO ₂	%CaO
0	13.64				
5	11.50				
10	10.26				
15	8.32				
20	8.65				
25	15.56				
30	19.21				
35	17.80				
40	19.10				
45	17.61				
50	19.40				
55	19.09				
60	20.21				
65	24.04				
70	20.71				
75	20.25				
80	25.49				
85	36.00				
90	36.61				
95	40.31				
100	42.30	0.798	0.038	25.48	1.27
105	45.70	0.962	0.037	21.99	0.09
110	42.26	0.894	0.031	24.65	0.12
115	48.61	0.796	0.027	15.20	0.02
120	48.87	0.486	0.024	13.73	0.10
125	43.71	0.396	0.028	22.90	0.02
130	32.68				
135	19.09				
140	8.01				
145	5.51				
150					

Holes 20A and 20B logged by J. B. Hopkins of the U.S. Bureau of Mines.

SECTIONS AND CHURN DRILL LOGS
SHEEP CREEK IRON DEPOSIT
MEAGHER COUNTY, MONTANA

G. E. GOODSPEED P. J. FITZSIMMONS
AUGUST 1943

LOGS OF CHURN DRILL HOLES



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