UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOOSE-LEAF FIELD NOTEBOOK

9-137

T. H. L. Bahr — Magee [illegible], Traverse 1 — 2/23/52

Rod V. Frykland — Zalofta [illegible] — Elev. [illegible] 352.1 — cloudy

From	To	Stadia	Rod	H. B.	V. B.	H. D.	V. S.	Diff.	Elev.	Elev. Ins.	H. I.
									(348.2)		1.5
B.S.	~~1~~	~~5.16~~	~~9.3~~	~~—~~	~~49.1 / 29.0~~	~~516~~	~~4.6 / 2.0~~	~~-14.1 / 12.1~~	~~340.0~~		
	2	3.43	1.2	99.5	32	3.43	+6.9	+5.7	355.9		
CP 1									(348.2)	350.2	2.0
	X	5.16	10.2	—	50	516	0	-10.2	(340.0)		
CP 1	3	1.76	0.3	—	50	176	0	-0.3	349.9		
CP 3									(349.9)	352.1	2.2
	4	2.22 / ~~2.19~~	1.8	99.5	55	222 / ~~219~~	+11.1	+9.3	361.4		
	5	1.72	2.8	99.2	59	172	+15.5	+12.7	364.8		
	6	2.33	6.6	—	50	233	0	-6.6	345.5		
CP 4									(361.3)	362.8	1.5
B.S.	3	~~2.20~~	1.8	—	45	~~220~~	-11.0	-12.8	361.2 / 349.9		
F.S.	5	1.70	1.5	—	52	170	+3.4	+1.9	364.7		
CP 5									(364.8)		1.9
	3	1.74	4.7	99.3	43	174	-12.2	-16.9	~~364.9~~ / 349.9		
	3	1.[illegible]	[illegible]	99.3	43						
	[illegible]	1.70	[illegible]	99.[illegible]	43						

0.6 5 4 4 3.44 1.7 3.35 2.8 8.8
0.9
5.0

τ H.L. Sobol
Rod V. Fryklund

Calcite Pit
(C.P.)

2/23/52
cloudy

From	To	Stadia	Rod	H.B	V.B	H.D.	V.S.	Diff	Elev.	Elev. Ins	H.I
C.P. 3									349.9	351.6	1.7
	C.P. 7	.42	3.1	—	—	42	0	-3.1	348.5		
	C.P. 8	0.44	1.3	—	—	44	0	-1.3	350.3		
	C.P. 9	0.52	1.4			52	0	-1.4	350.2		
	" 10	0.68	0.9	—	—	68	0	-0.9	350.7		
	11	0.86	1.1	—	54	86	+3.4	+2.3	353.9		
	12	1.10	2.1	—	55	110	+5.5	+3.4	355.0		
	13	1.23	3.9	-	56	123	+7.4	+3.5	355.1		
	14	1.40	1.1	—	55	140	+7.0	+5.9	357.5		
	15	1.44	3.2	—	56	144	+8.6	+5.4	357.0		
	16	0.93	2.9	—	55	93	+4.7	+1.8	353.4		
	17	0.65	3.9	—	50	65	0	-3.9	347.7		
	CP 18	0.68	5.4	—	50	68	0	-5.4	346.2		
	" 19	0.77	5.0	-	50	77	0	-5.0	346.6		
	" 20	1.46	8.4	-	50	146	0	-5.0	346.6		
	" 2.	1.36	4.9	-	50	136	0	-4.9	346.7		
	" 22	0.96	4.2	-	50	96	0	-4.2	347.4		
	" 23	1.00	2.8	-	50	100	0	-2.8	348.8		
	24	0.67	2.7	-	55	67	+3.4	+0.7	352.3		
	" 25	0.55	2.1	-	59	55	+5.0	+2.9	354.5		
	26	0.42	1.2	—	63	42	-5.5	-6.7	354.9		
	" 27	0.36	3.4		64	36	+5.0	+1.6	353.2		
	" 28	0.27	1.6	-	50	27	0	-1.6	350.0		
	" 29	0.32	1.8	-	50	32	0	-1.8	349.8		
	" 30	0.44	2.3	-	50	44	0	-2.3	349.3		
	31	0.64	3.4	-	50	64	0	-3.4	348.2		

K. Sabe
Rod Fryling

Magnet Cove Project
Catcite Pit

2/24/53
cloudy

From	To	Stadia	Rod	H.B	V.B	H.D	V.S	Diff	Elev	Elev. Ins	H.I.
ΔCP3	C.B.								349.9	351.9	2.0
	32	0.22	1.0	97.5	57	22	+ 1.5	+ 0.5	352.4		
	33	0.48	0.9	98	65	47	+ 7.2	+ 6.3	358.2		
	34	0.44	2.3	98	65	43	+ 6.6	+ 4.3	356.2		
	35	0.56	2.2	98	65	55	+ 8.4	+ 6.2	358.1		
	36	0.69	5.0	98	65	68	+ 10.4	+ 5.4	357.3		
	37	0.76	4.5	99	60	75	+ 7.6	+ 3.1	355.0		
	38	0.90	5.0	99	60	89	+ 9.0	+ 4.0	355.9		
	39	1.10	4.0	99	60	109	+ 11.0	+ 7.0	358.9		
	40	0.98	1.2	99.7	55	98	+ 5.0	+ 3.8	355.7		
	41	1.10	1.3	99.2	58	109	+ 8.8	+ 7.5	359.4		
C.P.	42	1.24	1.6	99	60	123	+ 12.4	+ 10.8	362.7		
	43	1.48	5.2	99	60	147	+ 14.8	+ 9.6	361.5		
	44	1.41	4.5	99	61	140	+ 15.5	+ 11.0	362.9		
	45	1.33	4.0	99	60	132	+ 13.3	+ 9.3	361.2		
	46	1.07	1.4	99	60	106	+ 10.7	+ 9.3	361.2		
	47	1.13	6.0	98.3	63	111	+ 14.7	+ 8.7	360.6		
	48	1.07	8.5	98.3	63	105	+ 13.9	+ 5.4	357.3		
	49	0.86	2.4	97.9	65	84	+ 12.9	+ 10.5	362.4		
	50	0.75	7.2	97.8	65	73.5	+ 11.3	+ 4.1	356.0		
	51	0.93	3.8	97.8	65	91	+ 13.9	+ 10.1	362.0		
	52	0.76	1.4	98	64	74.5	+ 10.6	+ 9.2	361.1		
	53	0.71	1.5	98	64	69.5	+ 10.0	+ 8.5	360.4		
	54	0.65	1.9	98	65	63.5	+ 9.7	+ 7.8	359.7		
	55	0.54	2.5	98	65	53	+ 8.1	+ 5.6	357.5		
	56	0.94	1.3	98	65	92	+ 14.1	+ 12.8	364.7		
	57	1.24	3.8	98	64	121.5	+ 17.3	+ 13.5	365.4		
	58	1.06	4.1	98	64	104	+ 14.8	+ 10.7	362.6		

* Soe! Rod Fry... (?)

Magnet Cove Project
Calcite Pit

2/26/52
sunny-cold

From	To	Stadia	Rod	H B	V B	HD	V.S.	Diff	Elev	Elev Inst	H I
									349.9	352.0	2.1
CP 3	CP										
CP	59	0.85	6.2	–	57	85	+ 6.0	– 0.2	351.8		
	60	0.97	6.1	92	67	96	+ 16.5	+ 10.4	362.4		
	61	1.35	5.9	97.5	66	132	+ 21.6	+ 15.7	367.7		
	62	1.65	3.4	98	65	162	+ 24.8	+ 21.4	373.4		
	63	1.67	11.2	98	65	164	+ 25.0	+ 13.8	365.8		
	64	0.60	5.5	98	64	59	+ 8.4	+ 2.9	354.9		
	65	0.39	7.3	98	64	38	+ 5.5	– 1.8	350.2		
	66	0.21	5.0	98	65	21	+ 3.2	– 1.8	350.2		
	67	0.27	2.7	–	50	27	0	– 2.7	349.3		
	68	0.35	2.7	–	50	35	0	– 2.7	349.3		
	69	0.42	4.0	–	50	42	0	– 4.0	348.0		
	70	0.47	4.5	–	50	47	0	– 4.5	47.5		
	71	0.58	4.6	–	50	58	0	– 4.6	47.4		
	72	0.70	4.4	–	50	70	0	– 4.4	47.6		
	73	0.81	4.0	–	50	81	0	– 4.0	48.0		
	74	0.90	3.3	–	50	90	0	– 3.3	48.7		
	75	0.96	4.3	–	50	96	0	– 4.3	47.7		
	76	1.10	4.1	–	50	110	0	– 4.1	47.9		
										352.0	2.1
CP 3	77	0.84	4.3	–	50	84	0	– 4.3	347.7		
CP	78	0.67	1.2	–	53	67	+ 2.0	+ 0.8	352.8		
	79	0.94	4.6	–	53	94	+ 2.8	– 1.8	50.2		
	80	1.30	5.8	–	53	130	+ 3.9	– 1.9	50.1		
	81	1.54	7.8	–	53	154	+ 4.6	– 3.2	48.8		
	82	1.70	7.5	–	53	170	+ 5.1	– 2.4	49.6		
	83	1.85	7.6	–	55	185	+ 9.3	+ 1.7	53.7		
	84	1.86	6.4	–	55	186	+ 9.3	+ 2.9	54.9		
	85	1.55	6.3	–	56	155	+ 9.3	+ 3.0	55.0		
	86	1.52	2.1	–	53	152	+ 4.6	+ 2.5	54.5		
	87	1.45	2.9	–	56	145	+ 8.7	+ 5.8	57.8		
	88	1.53	5.3	–	50	153	0	– 5.3	46.7		
	89	1.36	5.2	–	50	136	0	– 5.2	46.8		
	90	1.23	5.2	–	50	123	0	– 5.2	46.8		
	91	1.07	4.6	–	50	107	0	– 4.6	47.4		

π Sobel
I Frykland

Magnet Cove Project
Calcite Pit

2/26/52

From	To	Stadia	Rod	H B	V B	H D	V S	Diff	Elev	Elev Inst	HI
CP 3									349.9	352.0	E.I
	92	0.95	5.1	-	50	95	0	- 5.1	346.9		
	93	0.84	5.5	-	50	84	0	- 5.5	46.5		
	94	0.84	5.1	-	50	84	0	- 5.1	46.9		
	95	0.71	4.9	-	50	71	0	- 4.9	47.1		
CP	96	0.53	4.7	-	50	53	0	- 4.7	47.3		
	97	0.44	4.0	-	50	44	0	- 4.0	48.0		
	98	0.60	5.1	-	50	60	0	- 5.1	46.9		
	99	0.81	5.2	-	50	81	0	- 5.2	46.8		
	100	0.94	5.7	-	50	94	0	- 5.7	46.3		
CP 4	CP								361.3	363.0	1.7
	101	0.43	2.1	-	50	43	0	- 2.1	360.9		
	102	0.63	3.4	-	50	63	0	- 3.4	59.6		
	103	0.45	2.0	-	50	45	0	- 2.0	61.0		
	104	0.27	2.2	-	50	27	0	- 2.2	60.8		
	105	0.27	6.7	-	50	27	0	- 6.7	56.3		
	106	0.15	6.3	-	50	15	0	- 6.3	56.7		
	107	0.59	3.9	-	50	59	0	- 3.9	59.1		
	108	0.81	5.6	-	50	81	0	- 5.6	57.4		
	109	0.94	7.0	-	50	94	0	- 7.0	56.0		
	110	0.79	1.8	-	50	79	0	- 1.8	61.2		
CP	111	0.37	1.3	-	50	37	0	- 1.3	361.7		
	112	0.44	6.8	-	50	44	0	- 6.8	56.2		
	113	0.47	8.4	96	32	45	- 8.4	- 16.8	46.2		
	114	0.75	2.4	96	32	72	- 13.5	- 15.9	47.1	363.0	
	115	0.86	4.5	99	41	85	- 7.7	- 12.2	50.8		
	116	1.01	9.6	97	34	98	- 16.2	- 25.8	37.2		
	117	0.73	8.2	94	27	69	- 16.8	- 25.0	38.0		
	118	0.66	6.0	95	28	63	- 14.5	- 20.5	42.5		
	119	0.55	8.3	97.5	35	53.5	- 8.2	- 16.5	46.5		
	120	0.47	10.9	-	44	47	- 2.8	- 13.7	49.3		
	121	0.37	10.0	-	50	37	0	- 10.0	52.0		
	122	0.15	7.0	-	50	15	0	- 7.0	56.0		

25 / 1 1 2 3   121

A Sobel
[illegible]

Magnet Cove Project
Calcite Pit

2/26/52

From	To	Stadia	Rod	H B	V B	H D	V S	Diff	Elev	Elev/Inst	H I
CP 6									345.5	347.5	2.0
	123	0.59	4.4	-	50	59	0	-4.4	343.1		
	124	0.69	3.4	-	50	69	0	-3.4	44.1		
	125	0.67	3.5	-	50	67	0	-3.5	44.0		
	126	0.68	3.5	-	50	68	0	-3.5	44.0		
	127	0.57	3.5	-	50	57	0	-3.5	44.0		
CP	128	0.70	2.5	-	50	70	0	-2.5	45.0		
	129	0.81	1.6	-	50	81	0	-1.6	45.9		
	130	0.92	0.5	-	50	92	0	-0.5	347.0		
	131	0.62	2.4	-	50	62	0	-2.4	45.1		
										2/28/52	
C.P. 5									364.8	366.8	2.0
	132	0.48	2.8	-	53	48	+1.5	-1.3	365.5		
	133	0.41	7.0	-	50	41	0	-7.0	59.8		
	134	0.28	8.1	-	50	28	0	-8.1	58.7		
	135	0.16	10.1	-	50	16	0	-10.1	56.7		
	136	0.20	2.3	-	50	20	0	-2.3	64.5		
	137	0.37	2.1	-	50	37	0	-2.1	64.7		
	138	0.52	1.0	-	50	52	0	-1.0	65.8		
	139	0.66	2.3	-	50	66	0	-2.3	64.5		
	140	0.65	4.0	-	50	65	0	-4.0	62.8		
	141	0.61	4.4	-	50	61	0	-4.4	62.4		
	142	0.67	11.2	-	50	67	0	-11.2	55.6		
	143	0.75	4.0	98	35	73.5	-11.3	-15.3	51.5		
	144	0.86	4.4	98	35	84	-12.9	-17.3	49.5		
	145	0.97	4.1	-	50	97	0	-4.1	62.7		
	146	0.80	2.6	-	50	80	0	-2.6	64.2		
	147	0.65	2.9	-	50	65	0	-2.9	63.9		
	148	0.54	1.3	-	50	54	0	-1.3	65.5		
	149	0.28	11.7	-	50	28	0	-11.7	55.1		
	150	0.45	12.7	-	50	45	0	-12.7	54.1		
	151	0.37	4.9	-	50	37	0	-4.9	61.9		
	152	0.55	5.6	-	50	55	0	-5.6	61.2		

2/28/52

R Sobel
I Frykland

Magnet Cove Project
Calcite Pit

From	To	Stadia	Rod	HB	VB	H.D	V.S	Diff	Elev	Elev last	H.I
CP 5									364.8	366.8	2.0
	153	0.55	3.8	-	50	55	0	- 3.8	363.0		
	154	0.75	3.4	-	50	75	0	- 3.2	63.6		
	155	0.80	3.0	-	50	80	0	- 3.0	63.8		
	156	0.94	2.2	-	50	94	0	- 2.2	64.6		
	157	1.16	2.1	-	53	1.16	+ 3.5	+ 1.4	68.2		
	158	0.76	5.2	-	50	76	0	- 5.2	61.6		
	159	0.88	7.7	-	50	88	0	- 7.7	59.1		
	160	1.11	8.9	-	50	1.11	0	- 8.9	57.9		
?	161	1.29	6.7	-	50	1.29	0	- 6.7	60.1		
	162	1.51	2.6	-	50	1.51	0	- 2.6	64.2		
	163	1.54	3.7	-	50	1.54	0	- 3.7	63.1		
	164	1.21	3.7	-	50	1.21	0	- 3.7	63.1		
	165	0.51	2.7	-	50	51	0	- 2.7	64.1		
CP 6									345.5	348.0	2.5
	166	1.32	1.0	-	50	1.32	0	- 1.0	347.0		
	167	1.15	2.0	-	50	1.15	0	- 2.0	46.0		
	168	1.01	1.8	-	50	1.01	0	- 1.8	46.2		
	169	0.92	2.5	-	50	92	0	- 2.5	45.5		
	170	0.90	1.9	-	50	90	0	- 1.9	46.1		
	171	0.92	1.9	-	50	92	0	- 1.9	46.1		
	172	0.96	1.6	-	50	96	0	- 1.6	46.4		
	173	0.82	1.7	-	50	82	0	- 1.7	46.3		
	174	0.76	1.9	-	50	76	0	- 1.9	46.1		
	175	0.58	3.2	-	50	58	0	- 3.2	44.8		
	176	0.39	3.4	-	50	39	0	- 3.4	44.6		
	177	0.33	3.3	-	50	33	0	- 3.3	44.7		

T Sabol
I Frykland

Magnet Cove Project 2/29/52
Calcite Pit

From	To	Stadia	Rod	HB	VB	HD	VS	Diff Elev	Elev Inst	H.I
CP 6								345.5	348.0	2.5
	178	0.56	3.1	-	50	56	0	- 3.1	344.9	
	179	0.65	2.5	-	50	65	0	- 2.5	45.5	
	180	0.64	2.5	-	50	64	0	- 2.5	45.5	
	181	0.41	3.0	-	50	41	0	- 3.0	45.0	
	182	0.42	2.4	-	50	42	0	- 2.4	45.6	
	183	0.57	2.1	-	50	57	0	- 2.1	45.9	
	184	0.67	2.2	-	50	67	0	- 2.2	45.8	
	185	0.60	1.8	-	50	60	0	- 1.8	46.2	
	186	0.43	3.7	-	50	43	0	- 2.7	45.3	
	187	0.33	3.5	-	50	33	0	- 3.5	44.5	
	188	0.31	3.7	-	50	31	0	- 3.7	44.3	
	189	0.46	5.3	-	50	46	0	- 5.3	42.7	
	190	0.33	5.1	-	50	33	0	- 5.1	42.9	
	191	0.22	4.3	-	50	22	0	- 4.3	43.7	
CP	192	0.45	5.3	-	50	45	0	- 5.3	42.7	348.0
	193	0.62	8.2	-	57	62	+4.3	- 3.9	44.1	
	194	0.89	11.3	-	58	89	+7.1	- 4.2	43.8	
	195	1.12	12.5	99.2	58	111	+9.0	- 3.5	44.5	
	196	0.87	11.3	99.2	42	86	- 7.0	-18.3	29.7	
	197	0.80	11.5	99	40	79	- 8.0	-19.5	28.5	
	198	0.61	11.2	98	36	60	- 8.5	-19.7	28.3	
	199	0.48	11.3	96.5	32	46	- 8.6	-19.9	28.1	
	200	0.75	11.0	99	40	74	- 7.5	-18.5	29.5	
	201	1.02	11.9	99.2	42	101	- 8.2	-20.1	27.9	
	202	1.24	11.4	99.2	43	123	- 8.7	-20.1	27.9	
	203	1.86	10.6	99.5	45	185	- 9.3	-19.9	28.1	
	204	1.40	8.9	99.2	42	139	-11.2	-20.1	27.9	
	205	1.04	11.1	99.2	42	103	- 8.3	-19.4	28.6	
	206	1.24	4.8	99.2	42	123	- 9.9	-14.7	33.3	
	207	0.86	10.8	99	40	85	- 8.6	-19.4	28.6	
	208	0.87	11.3	99	40	86	- 8.7	-20.0	28.0	
	209	1.25	10.7	-	47	125	- 3.3	-14.5	33.5	
	210	1.34	12.2	99.5	45	1335	- 6.7	-18.9	29.1	
	211	1.73	10.8	99.5	45	172	- 8.7	-19.5	28.5	
	212	2.26	8.1	-	47	226	- 6.8	-14.9	33.1	

K Sabel
B Frykland

Magnet Cove Project
Calcite P.T.

2/29/52

From	To	Stadia	Rod	HB	VB	HD	V.S	Diff	Elev	Sta Last	HI
CP3									349.9	352.0	2.1
	213	1.20	6.2	-	50	-120	0	- 6.2	343.8		
	214	1.33	6.0	-	50	133	0	- 6.0	46.0		
S	215	1.32	6.1	-	50	132	0	- 6.1	45.9		
	216	1.58	6.3	-	50	158	0	- 6.3	45.7		
1	217	1.48	6.1	-	50	148	0	- 6.1	45.9		
	218	1.49	6.7	-	50	149	0	- 6.7	45.3		
										31/52	
CP4									361.3	363.2	1.9
	219	0.95	2.1	-	50	95	0	- 2.1	361.1		
	220	1.07	8.1	-	50	107	0	- 8.1	55.1		
	221	1.38	12.0	-	49	138	+1.4	-13.4	49.8		
	222	1.24	5.1	98	38	123	-14.9	-20.0	43.2		
	223	1.36	10.2	98	37	133	-17.7	-27.9	35.3		
	224	1.70	7.5	98	37	167	-22.1	-29.6	33.6		
	225	1.62	6.0	99	40	160.5	+16.2	-22.2	41.0		
1	226	2.00	9.7	99	39	198	-22.0	-31.7	31.5		
	227	2.35	7.1	99.2	43	233	-16.5	-23.6	39.6		
S	228	2.45	9.1	99.5	45	244	-12.3	-21.4	41.8		
	229	2.05	6.7	99.5	45	204	-10.3	-17.0	46.2		
1	230	1.91	9.3	99.5	45	190	-9.6	-18.9	44.3		
	231	1.46	4.7	-	49	146	-1.5	- 6.2	57.0		
	232	1.76	7.7	-	49	176	-1.8	- 9.5	53.7		
	233	1.62	8.7	-	50	162	- 0	- 8.7	54.5		
	234	1.53	8.1	-	50	153	0	- 8.1	55.1		
	235	1.17	5.8	-	50	117	0	- 5.8	57.4		
	236	1.10	9.3	-	50	110	0	- 9.3	53.9		
	237	1.47	10.4	-	48	147	- 3.0	-13.4	49.8		
	238	1.35	12.4	-	48	135	- 2.7	-15.1	48.1		

345.5
13.6
331.9

π Sibel   Magnet Cove   3/8/52
Ι Fryklund   Calcite Pit

From	To	Stadia	Rod	H.B	V.B	H.D	V.S	Diff	Elev	Elev. Inst	HI
CP 3									349.9	352.2	2.3
	239	2.21	12.3	–	50	~~221~~	0	-12.3	339.9		
239									(339.9)	341.5	1.6
	3	2.24	7.3	99.5	57	222 ~~223~~	+15.7	+ 8.4	349.9		
	240	0.53	3.5	–	57	53	+ 3.7	+ 0.2	341.7		
	241	0.83	1.4	99.2	58	82	+ 6.6	+ 5.2	46.7		
	242	0.53	1.0	–	52	53	+ 1.1	+ 0.1	41.6		
	243	0.72	3.4	99.2	58	71	+ 5.8	+ 2.4	43.9		
	244	0.96	6.1	99	60	95	+ 9.6	+ 3.5	45.0		
	245	1.15	6.6	99	60	114	+ 11.5	+ 4.9	46.4		
	246	1.33	9.8	99	60	132	+ 13.3	+ 3.5	45.0		
	247	1.18	12.0	99	60	117	+ 11.8	- 0.2	41.3		
	248	1.54	1.4	–	50	154	0	- 1.4	40.1		
	249	1.66	1.6	–	50	166	0	- 1.6	39.9		
	250	1.90	1.4	–	50	190	0	- 1.4	40.1		
	251	2.13	0.2	–	50	213	0	- 0.2	41.3		
	252	2.38	0.8	–	50	238	0	- 0.8	40.7		
	253	2.89	10.0	–	52	289	+5.8	- 4.2	37.3		
	254	3.14	0.8	–	50	314	0	-0.8	40.7		
	228	3.10	1.4	–	50	310	0	-1.4	40.1		
	255	2.99	5.1	–	50	299	0	-5.1	36.4		
	256	3.26	0.7	–	50	326	0	-0.7	40.8		
	257	2.80	1.3	–	50	280	0	-1.3	40.2		
	258	2.58	1.7	–	50	258	0	-1.7	39.8		
6									345.5	347.8	2.3
	259	1.44	4.7	99.2	42	143	-11.5	-16.2	331.6		
									(331.8)		
259											3.1
									331.9		
	6	1.44	3.9	99	60	143	+14.4	+10.5	345.5		

J. Sobol
Fyfford

Magnet Cove
Carlisle Pit

3/2/52

From	To	Stadia	Rod	H.B.	V.B.	H.D.	V.S.	Diff	Elev	Elev Inst	H.I.
259									331.8	334.9	3.1
	260	1.46	3.6	96	70	141	+ 27.2	+25.6	360.5		
	261	1.60	9.4	96	70	153.5	+ 32.0	+22.6	57.5		
	262	1.36	5.3	99	60	135	+ 13.6	+ 8.3	43.2		
1	263	1.22	2.9	99	60	121	+ 12.2	+ 9.3	44.2		
P	264	1.09	7.2	–	52	109	+ 2.2	– 5.0	29.9		
U	265	0.64	6.0	–	50	64	0	– 6.0	28.9		
1	266	0.95	7.1	–	50	95	0	– 7.1	27.8		
	267	0.56	6.9	–	50	56	0	– 6.9	28.0		
	268	0.94	4.8	–	50	94	0	– 4.8	30.1		

F. Sabel
J. Fryklund

Potash Sulphur Springs 8/12/52

From	To	Stadia	Rod	H.B	V.B	HD	V.S	Diff	Elev	E.I	H.I
P.1									470.8	474.0	3.2
P	2	2.59	3.3	94	27	239	-58.4	-61.7	412.3		
P	3	1.55	6.8	98	36	152	-21.6	-28.4	445.6		
P	4	4.10	5.2	96.5	32	396	-73.8	-79.0	395.0		
P	5	2.00	5.0	93.5	55	187	-49.0	-53.0	421.0		
P	6	1.49	4.7	94	26	140	-35.8	-40.5	433.5		
P	7	1.57	10.4	95	30	151	-31.4	-41.8	432.2		
P	8	1.70	12.0	96	31	163	-33.2	-45.2	428.8	474.0	
P	9	1.66	12.8	97.5	35	154	-24.0	-36.8	37.2		
P	10	1.54	11.8	98.5	38	152	-18.5	-30.3	43.7		
P	11	1.36	9.6	97	34	132	-21.8	-31.4	42.6		
P	12	1.27	7.2	96	30	122	-25.4	-32.6	41.4		
P	13	1.10	10.1	96	30	106	-22.0	-32.1	41.9		
P	14	0.78	8.6	96	30	75	-15.6	-24.2	49.8		
P	15	0.46	8.0	96	30	44	-9.2	-17.2	56.8	474.0	
P	16	0.28	11.3	98.8	39	28	-3.1	-14.4	59.6		
P	17	0.28	9.2	98.8	39	28	-3.1	-12.3	61.7		
P	18	0.46	7.5	98.8	39	45	-5.1	-12.6	61.4		
P	19	0.87	6.0	96.5	32	84	-15.6	-21.6	52.4		
P	20	1.17	6.9	97.5	35	114	-17.6	-24.5	49.5		
	21	1.54	10.3	97	34	149	-24.6	-34.9	39.1		
	22	2.25	1.7	96	30	215	-45.0	-46.7	27.3		
	23	2.08	8.2	96	30	204	-41.6	-49.8	24.2		
	24	2.06	10.8	95.2	29	196	-43.3	-54.1	19.9		
	25	2.12	12.2	95.2	29	202	-44.5	-56.7	17.3		
	26	1.77	11.9	95.2	29	168	-37.1	-49.0	25.0	474.0	
	27	1.42	9.4	95.2	29	135	-29.8	-39.2	34.8		
R	28	1.41	9.1	96	30	135	-28.2	-37.3	36.7		
	29	0.86	6.0	95	29	82	-18.1	-24.1	49.9		
	30	0.90	5.8	97	34	87	-14.4	-20.2	53.8		
	31	0.52	7.3	97	34	50	-8.3	-15.6	58.4		
	32	0.50	1.7	–	44	56	-3.4	-5.1	68.9		
	33	1.10	4.0	–	46	110	-4.4	-8.4	65.6		
	34	1.22	9.6	99.2	43	121	-8.5	-18.1	55.9		
	35	1.74	2.0	97.5	35	171	-26.1	-28.1	45.9		

T Sokol — Potash Sulphur Springs — 3/12/52
D Fryklund

From	To	Stadia	Rod	H.B	V.B	H.D	V.S	Diff	Elev	E.I	H.I
P 1									470.8	474.0	3.2
P	36	0.44	4.2	97	67	43	- 7.5	-11.7	462.3		
	37	0.42	7.7	-	50	42	0	- 7.7	68.3		
	38	0.68	6.3	-	50	68	0	- 6.3	67.7		
	39	0.69	5.8	-	52	69	+ 1.4	- 4.4	69.6		
	40	0.75	3.6	99	64	74	+ 7.5	+ 3.9	77.9		
	41	0.73	9.6	-	45	73	- 3.7	-13.3	60.7		
	42	0.93	8.2	-	45	93	- 4.7	-12.9	61.1		
	43	0.98	11.1	-	50	98	0	-11.1	62.9	474.0	
	44	1.13	10.3	97.5	46	112	-4.5	-14.8	59.2		
	45	1.01	3.8	99	60	100	+10.1	+ 6.3	80.3		
	46	1.15	9.3	98.5	62	113	+ 13.8	+ 4.5	78.5		
	47	1.26	5.2	97	67	122	+ 21.4	+16.2	490.2		
	48	1.58	8.5	99.5	73	149	+ 36.4	+27.9	501.9		
	49	1.78	10.5	94	74	167	+ 42.7	+32.2	506.2		
	50	2.25	5.0	93	76	209	+ 58.5	+53.5	527.5		
	51	1.86	4.0	93	78	173	+48.4	+44.4	518.4		
P	52	1.23	4.8	93	76	114	+ 32.0	+27.2	501.2		
	53	0.60	4.5	93	76	56	+ 15.6	+11.1	485.1		
	54	1.21	10.2	99	60	120	+ 12.1	+ 1.9	475.9		
	55	1.60	5.0	99.5	55	159	+ 8.0	+ 3.0	477.0	474.0	
	56	1.61	6.3	-	50	161	0	- 6.3	467.7		
	57	2.08	10.8	99.7	52	207	+ 4.2	- 6.6	467.4		
	58	2.35	11.5	99.7	52	234	+ 4.7	- 6.8	467.2		
	59	1.97	8.3	99	59	195	+ 17.7	+ 9.4	483.4		
	60	1.82	5.5	98	65	178	+ 27.4	+ 21.9	495.9		
	61	2.05	5.3	95	72	195	+ 45.1	+ 39.8	513.8		
	62	1.21	3.9	-	50	121	0	- 3.9	470.1		
	63	1.33	8.1	95.5	45	132	- 6.7	-14.8	459.2		
	64	1.61	3.2	95.5	45	160	- 8.1	-11.3	62.7	474.0	
	65	1.85	11.8	99.3	43	184	- 13.0	-24.8	49.2		
	66	1.94	8.4	99.5	45	193	- 9.7	-18.1	55.9		
	67	2.36	11.2	99.7	47	235	- 7.1	-18.3	55.7		
	68	1.27	9.7	99	40	126	- 12.7	-22.4	51.6		
	69	1.80	12.0	99	40	178	- 18.0	-30.0	44.0		
	70	1.73	11.6	98.5	38	170	- 20.8	-32.4	41.6		

From	To	Stadia	Rod	H.B.	V.B.	H.R.	V.S.	Diff	Elev	F.I.	H.I.
P1									470.8	474.0	3.2
	71	1.20	5.1	99	40	119	-12.0	-17.1	456.9		
	72	1.00	7.4	99	40	99	-10.0	-13.4	457.6		
	73	1.88	11.6	97	34	182	-30.0	-41.6	432.4		
	74	2.46	11.6	97	33	237	-41.8	-53.4	420.6		
	75	1.90	12.7	96.5	32	183	-34.2	-46.9	427.1		
△	76	2.08	11.9	-	50	208	0	-11.9	462.1		
P76									(462.1)	464.7	2.6
BS	1	2.10	8.6	99.3	57	208	+14.7	+6.1	470.8		
	77	0.23	5.0	-	50	23	0	-5.0	59.7		
	78	3.33	2.1	-	50	33	0	-2.1	62.6		
	79	0.52	4.6	-	50	52	0	-4.6	60.1		
	80	0.53	10.1	-	50	53	0	-10.1	54.6		
	81	0.75	7.0	-	50	75	0	-7.0	57.7		
	82	1.04	5.9	-	50	104	0	-5.9	58.8		
	83	1.25	8.5	-	50	125	0	-8.5	56.2		
	84	1.33	11.2	-	50	133	0	-11.2	53.5		
	85	1.76	9.3	-	50	176	0	-9.3	55.4		
	86	1.74	4.6	-	51	174	+1.7	-2.9	61.8		
	87	1.45	4.0	-	53	145	+4.4	+0.4	65.1		
	88	1.58	4.1	99	60	156	+15.8	+11.7	76.4		
	89	1.64	8.6	99.5	45	163	-8.2	-16.8	47.9		
	90	1.08	8.5	-	50	108	0	-8.5	58.2		
	91	1.21	11.1	99	40	120	-12.1	-23.2	41.5		
	92	0.96	5.0	96	30	92	-19.2	-24.2	40.5		
	93	0.66	11.3	99	40	65	-6.6	-17.9	46.8		
	94	0.75	10.5	96	30	72	-15.0	-25.5	39.2		
	95	1.12	8.3	96	30	108	-22.9	-30.7	34.0		
	96	1.37	5.4	96	30	132	-27.4	-32.8	31.9		
	97	1.14	7.8	99	40	113	-11.4	-19.2	45.5		

Located on plane table sheet

Calcite Pit Samples
cut by H.L. Sobel 3/4/52 –

No.	Length of channel
VF-CP 1	2.3'
CP 2	1.5'
CP 3	2.1'
CP 4	2.4
VF CP 5	7.4
VF CP 6	2.0
VF CP 7	1.9
VF CP 8	4.5
VF CP 9	3.8
VF CP 10	2.0
VF CP 11	3.2
VF CP 12	2.7
VF CP 13	3.1
VF CP 14	2.5
VF CP 15	7.7
VF CP 16	1.9
VF CP 17	7.0
VF CP 18	4.4
VF CP 19	2.4
VF CP 20	1.8
VF CP 21	2.1

These samples are located on plane table sheet.