



Datum Point No.	Index No.	Horizon Leveled	Elevation	± ? Exactness of Horizon	A B Grade of Leveling	Elevation Top of Chert	Elevation Top of Oil Rock
1	1911	Silurian (base)	963.0	E	B	631	506
2	1902	" (top)	975.1	E	A	640	515
3	1903	"	969.3	E	A	634	509
4	1903	"	971.1	E		636	511
5	1910	"	974.8	E		640	515
6	1903	"	970.3	E		635	510
7	1903	"	978.2	E		643	518
8	1910	Base of Dubuque	703.7	± 2'	A	634±	509
9	1910	top of Galena	758.0	+ 2'	A	638±	513
10	1910	Silurian	973.0	E	A	638	513
11	1910	"	972.9	E	A	638	513
12	1910	top of Galena	744.6	E	A	625	500
13	1910	"	742.3	E	A	622	497
14	1910	Silurian	963.8	E	A	629	504
15	1910	Silurian (base)	956.3	E	A	624	499
16	1910	Silurian	961.6	E	A	627	502
17	1910	"	963.9	E	A	629	504
18	1910	up. Recf. zone	675.8	?	A	636?	511?
19	1910	Silurian	956.1 948.8	E	A	621 614	496 489
20	1910	"	931.3	E	A	596	471
21	1910	"	932.6	E	A	598	473
22	1910	"	935.7	E	A	601	476

Datum Point No.	Index No.	Horizon Leveled	Elevation	Exactness of horizon	Grade of leveling	Elevation top of chert	Elevation top of Oil-truck
23	1910	Silurian ^(-3 1/2') (base)	933.2	E	A	601	476
24	1910	Silurian (top)	936.5	E	A	602	477
25	1910	"	943.3	E	A	608	483
26	1910	"	943.1	E	A	608	483
27	1910	"	940.8	E	A	606	481
28	1910	"	944.0 945.7	E	A	609 611	484 486
29	1915	"	939.2	E	A	604	479
30	1915	"	930.0	E	A	595	470
31	1915	Top of Galena	719.5	E	A	600	475
32	1915	Silurian (top)	935.3	E	A	600	475
33	1915	"	932.4	E	A	597	472
34	1915	"	938.6	E	A	604	479
35	1910	"	941.0	E	A	606	481
36	1910	"	941.0	E	A	606	481
37	1903	Upper Recp zone	700.4	??	A	660?	535?
38	1902	"	684.3	??	A	644?	519?
39	1902	"	689.7	??	A	650?	525?
40	1034	"	700.6	??	A	661?	536?
41	1035	"	695.6	??	A	656?	531?
42	1034	"	708.1	May be 10' lower	A	668?	543?
43	1034	Top Galena chert	665.5	E	A	666	541
44	1034	up. Recp zone	693.8	??	A	654?	529
45	1034	Top Galena chert	653.4	E	A	653	528
46	1915	up Recp zone	644.2	?	A	604?	479
47	1909	Top exp. chert	624.2	E	A	624+	499+
48							

Datum Point No.	Index No.	Horizon Levelled	Elevation	Exactness of Hor.	Grade of Leveling	Elevation top of chert	Elevation top of 0.1-roc R
48	1903	top exp. Galena	744.2	E	A	¹²⁰ 624+	¹²⁵ 499+
49	1903	Base of Dubuque	715.6	?	B	¹²⁰ 646?	521?
50	1903	Up. Peep zone	686.3	?	A	⁴⁰ 646?	521?
51	1903	"	685.8	?	A	646?	521?
52	0936	top Galena chert	689.6	E	A	690	¹²⁵ 565
53	0936	"	679.9	±2'	A	680 ±	555 ±
54	19W01	top exp. Galena chert	702.6	E	B	703+	578+
55	0936	base exp. noncherty	691.3	E	A	691-	566-
56	0936	top exp cherty	697.8	E	A	698+	573+
57	0936	base exp noncherty	719.2	E	A	719-	594-
58	1903	Up. Peep zone	687.1	?	A	647?	522?
59	1904	top exp. chert	632.4	E	A	632+	507+
60	1909	top exp. chert	639.6	E	B	640+	515+
61	0936	top Galena chert	692.7	E	A	693	568
62	0936	top exp. chert	651.1	?	B	^{644.1-} 651-670	¹²⁵ 526-545
63	0936	top Galena chert	^(690.7) 693.5	±3'	B	691	¹²⁵ 566
64	1029	"	688.0	E	A	688	563
65	1032	"	^(681.0) 678.4	±2'	B	687	556
66	1029	top exp. chert	660.3	E	A	660+	535+
67	1028	top exp. Galena	784.3	E	A	¹²⁰ 664+	539+
68	1028	base of exp. Dub.	743.4	E	A	¹²⁰ 673-	548-
69	1028	top of Galena	816.9	E	A	¹²⁰ 697	572
70	1028	base of exp. Sil.	937.3	E	A		
71	1027	top drill hole	803.8	E	A		
72							

240' to DR
spike lillie
804
-40
567

Datum Point No.	Index No.	Horizon Levelled	Elevation	Exact ness	Grade Leveling	Elevation top of chert	Elevation top of oil-rk
72	0935	top Galena chert	651.1	E	A	651	526
73	0936	"	679.6	E	A	680	555
74	0936	"	678.5	E	A	679	554
75	0936	"	678.3	E	A	678	553
76	0936	"	676.6	E	A	677	552
77	19W01	"	675.6	E	A	676	551
78	19W01	"	681.3	E	A	681	556
79	19W01	" (-2')	695.1	E	A	693	568
80	19W01	"	691.5	E	A	692	567
81	19W01	clay seam	630.9	E	A	692	567
82	19W01	"	631.7	E	A	693	568
83	19W01	"	630.7	E	A	693	568
84	19W01	"	628.5	E	A	690	565
85	19W01	"	625.4	E	A	686	561
86	19W01	Bedding plane 12'6" above clay seam	637.9	E	A	692	-
87	19W01	clay seam	624.9	E	A	686	561
88	19W01	"	624.9	E	A	686	561
89	19W01	"	612.9	E	A	674	549
90	19W01	Top Galena chert	676.0	E	A	676	551
91	19W01	"	667.9	E	A	668	543
92	19W01	"	666.2	E	A	666	541
93	19W01	"	664.1	E	A	664	539
94	19W01	"	661.5	E	A	662	537
95	1905	"	658.0	E	A	658	533
96	1905	"	656.7	E	A	657	532
97	1905	Base exp. locality	654.9	E	A	655-	530-

Correct Elev on Datum Point

- 49 - 715.6
- 50 - 686.3
- 51 - 685.8
- 52 - 689.6
- 53 - 679.9
- 54 - 702.6
- 55 - 691.3
- 56 - 697.8
- 57 - 719.2
- 58 - 687.1
- 59 - 632.4
- 60 - 639.6 Revised to
- 61 - 684.4 x 692.7
- 62 - 651.1
- 63 - 679.0 x 693.5
- 64 - 688.0
- 65 - 678.4
- 66 - 660.3
- 67 - 784.3
- 68 - 743.4 on a hole 761.6
- 69 - 816.9
- 70 - 937.3
- 71 - 803.8
- 72 - 651.1
- 73 - 679.6
- 74 - 678.5

- D 75 - 678.3
- 76 - 676.6
- 77 - 675.6
- 78 - 681.3
- 79 - 695.1
- 80 - 691.5
- 81 - 630.9
- 82 - 631.7
- 83 - 630.7
- 84 - 628.5
- 85 - 625.4
- 86 - 637.9
- 87 - 629.9
- 88 - 629.9
- 89 - 612.9 { Pipe clay open
- 90 - 676.0
- 91 - 667.9
- 92 - 666.2
- 93 - 664.1
- 94 - 661.5
- 95 - 658.0
- 96 - 656.7
- 97 - 654.9
- 98 - 640.4
- 99 - 648.5
- 100 - 641.0

Correct Datum Elevations

D 101 - 763.8
102 - 678.8
103 - 682.1
104 - 687.0
105 - 685.2
106 - 675.2
107 - 722.9
108 - 779.6
109 - 800.0
110 - 763.1
111 - 788.5
112 - 752.1
113 - 781.3
114 - 746.4
115 - 673.4
116 - 707.4
117 - 672.9
118 - 664.7
119 - 1063.4
120 - 620.4
121 - 622.4
122 - 633.5
123 - 620.9
124 - 621.5

D 125 - 724.3
126 - 971.8
127 - 791.7

Batum Point No	Index No.	Horizon Levelled	Eleva.	Exact-ness	Grade of leveling	Elevation top of chert	Elevation top of al Rock
98	1905	top Sil. chert ^{plant}	640.4	E	A	640+	125 515+
99	1908	base exp. noncherty	648.5	E	A	649-	524-
100	1908	top G. chert	641.0	E	A	641	516
101	1033	top exp. Stew.	763.8	E	A	70 694+	569+
102	1033	top G. chert	678.8	±3'	A	679±	554±
103	1033	"	682.1	±2'	A	682±	557±
104	1033	base exp. noncherty	687.0	-1.5'	A	687-	562-
105	1033	top G. chert	685.2	E	A	685	560
106	1033	top exp. G. chert	675.2	E	A	675+	550+
107	1033	Up. Recp.	722.9	±5'	A	40 683?	558?
108	1033	base Dub.	779.6	-12'?	B	70 710??	585??
109	1033	top exp. G.	800.0	E	B	120 680+	⁵⁷³ 555+
110	1033	base exp. Dub.	763.1	E	B	70 693-	568-
111	1033	top G.	788.5	?'	B	120 669?	544?
112	1033	top exp. St.	752.1	?	C	70 682+	557+
113	1904	top exp. G.	781.3	E	A	120 661+	536+
114	1904	base exp. Dub.	746.4	E	A	70 676-	551-
115	1905	top exp. cherty G.	673.4	E	A	673+	548+
116	1905	Up. Recp.	707.4	?	A	40 667?	542?
117	1904	base exp. noncherty	672.9	E	A	673-	548-
118	1033	top G. chert	664.7	E	A	665	540
119	1033	(20± below Sil. chert) top exp. Sil.	1003.4	E	A	315 688?	563
120	1909	top G. chert	620.4	E	A	620	125 495
121	1904	top "	622.4	E	A	622	497
122	1904	" "	633.5	E	A	634	509
123							

Datum Point No.	Index No.	Horizon leveled	Eleva.	Exact ness	Grade of Leveling	Eleva top. chert	Eleva. top O.R.	
123	1909	base exp. manchaity	620.9	E	A	621-	496-	
124	1909	top chert	621.5	E	A	622	497	
125	1933	Pilot Knob Mine	724.3	1?	C			
126	1910	Sil. (top)	971.8	E	B	335 637	512	
127	1933	top casing ^{OR at} 195	791.7	E	A	722	597	
128	1910	top of ledge about 2' above base of outcrop - exp. rocks					-	
129	1904	base exp. manchaity	671.5		A	672-	547-	
130	1904	top exp. cherty	630.9			631+	506+	745
131	1910	Top of Galena	745.2			625	500	
132	1033	Three drill holes 200' to O.R.	800				600 ±	
133	1903	(comp. parts) Top of Galena (S. Fork)	758.9			639	514	$\frac{759}{245} = 5.13$
134	1903	Top of exp Galena N. Fork	756.4			636	511	$\frac{756}{245} = 5.13$
135	1903	Top of exp Galena	758.5			639	514	$\frac{690}{165} = 5.25$
136	1903	Recep zone	689.9			650?	525?	
137	1033	Base exp. Rubique	747.4			677	552-	$\frac{747}{195} = 5.22$
138	1033	Top exp. cherty below WPA	703.0			703	578	$\frac{703}{125} = 5.78$ 195
139	1032	Top exp cherty +15' pos.	672.2			672+	547-562	$\frac{672}{125} = 5.47$
140	1032	Base of outcrop	621.9					622
141	0936	Top cherty	693.1			693	568	$\frac{693}{125} = 5.68$
142	0936	Top cherty (E)	694.5			695	570	$\frac{695}{125} = 5.70$
143	0936	" (W)	690.5			691	566	