

0720 0009

171  
Item 13Snyder Shaft Section

Depth in Ft.	Horizon	Description
From - To	Thickness	
00 - 12	12 Feet	Thin bedded, fine grained, light gray limestone dips 12° N.
12 - 45.5	33.5 "	Heavy bedded, blue banded limestone.
45.5 - 48.5	3.0 "	Thin bedded, fine grained, light gray, banded limestone.
48.5 - 58.0	9.5 "	Massive, fine grained, blue banded limestone.
58. - 62	4.0 "	Three beds of light gray, banded, fine grained limestone.
62 - 74	12. "	Fine grained, banded, blue limestone.
74 - 79.5	5.5 "	Thin bedded, light gray limestone with clay parting top and bottom.
79.5 - 86.5	7. "	Thin bedded, light gray limestone, beds dip 11° N. top and bottom.
86.5 - 92	5.5 "	Thick beds of dark blue, fine grained limestone.
92 - 93	1 "	Single bed light gray, banded limestone.
93 - 100.5	7.5 "	Massive, fine grained, gray limestone.
100.5 - 105	4.5 "	Massive, fine grained, light gray limestone.
105 - 108	3. "	Single bed, dark blue, fine grained limestone.
108 - 112	4 "	Two beds dark gray, fine grained limestone
112 - 113	1 "	Light gray limestone, strongly mineralized with silver and lead.
113 - 121	8 "	Fine grained, gray limestone, much fractured and recemented with calcite and spots of lead carbonate.
121 - 124	3 "	Fine grained, gray limestone, not brecciated.
124 - 131	7 "	Massive, fine grained, gray limestone with 6" bed with clay partings at the base.
131 - 136	5 "	Fine grained, light gray limestone.
136 - 143	7 "	Fine grained, gray limestone
143 - 144	1 "	Very shaly, light gray limestone. Distinctive horizon.
144 - 159	15 "	Massive, gray, mottled limestone.
159 - 175	16 "	Massive, dark gray, banded limestone.
175 - 183	8 "	Thin bedded, light gray limestone, quite shaly at bottom.
183 - 205	22 "	Fine grained, gray, mottled limestone. Partly brecciated and recemented with calcite. Beds dip 10° N.
205 - 216	11 "	Fine grained, gray limestone with shaly bed at bottom.
216 - 259	43 "	Massive, fine grained, gray limestone. Stope on fissure in these beds.



259 - 304	45 feet	Massive, gray limestone. Stoping in these beds.
At 304		<sup>Gypsy</sup> Floor of 200 level station.
304 - 341	37	Massive, fine grained, dark gray limestone.
At 542		<sup>Gypsy</sup> Floor of 600 level station and May Day fault.
542 - 628	86 "	Massive, dark blue, mottled limestone.
628 - 668	40 "	Massive, fine grained, gray and light gray limestone
668 - 678	10 "	Light gray, banded limestone. Beds dip 8° - N.20° E,
At 678		Floor of the 700 level station.
678 - 690	12 "	Light gray, banded limestone with iron seams on bedding.
690 - 774	84 "	Light gray, banded limestone resembling Dagmar of Tintic. Dips 22° N.E.
At 774.		Floor of the 800 level.
774 - 798.5	24.5 "	Thin beds of light gray, banded limestone (Dagmar type.)
At 798.5		The Tempest fault crosses the shaft N.65°E and dips 55°SE. Hanging wall beds dip 30° NE.
798.5-810	11.5 "	Thin beds, fine grained, gray limestone. Beds dip 8° S.
810 - 835	25 "	Thick beds, blue vermicular limestone.
At 835		Floor of the 900 level.
835 - 869	34 "	Massive, fine grained gray limestone, no banding, Dips 12° S. 70° E.
At 869		Fault N. 60° W dips 44° SW. At 50' beds strike N.20°E and dips 15° SE.
869 - 896	27 "	Massive, blueish gray limestone. Some red mottling and 2" clay seam at bottom.
		At 45 ft. a fault strikes N.50° E. and dips 45 ° SE.
896 - 912	16	Massive gray limestone. At 75 ft tight slip N.75° E. dips 60° SE.
912 - 931.5	19.5 "	Massive, gray and light gray limestone.
At 931.5		Floor of the 1000 level station.
931.5-981.5	50 "	Massive, dull gray limestone, wavy banding.
981.5-1009.5	28 "	Massive, dull gray limestone, no banding.
At 1009.5		Floor of 1100 level station.
1009.5-1021.5	12 "	Massive, dull gray limestone, lighter in color than that above the 1100 level.
At 1021.5		Present bottom of the shaft. No water.