

Diamond Drill Hole No. 1, Iron King Area, Arizona

T.5N., R.14 E., Gila County

Coordinates: N. 50,518
E. 48,997

Elev. collar: 5,754
Total depth: 146.0 ft.

Footage	% Fe	Recovery	Geology
			0-18.0 - Weathered diabase.
			18.0 - 20.5 - Weathered siliceous shale.
			20.5 - 25.5 - serpentinized talc altered Mescal l.s., 2" diabase sill @ 22.5, diss. Fe ₃ O ₄ starts @ 22.5.
25.5 - 27.5	44.8	100%	
27.5 - 33.0	22.0	60	25.5 - 33.0 - serpentine and talc, fair to good Fe.
33.0 - 35.0	41.4	100	
35.0 - 39.0	10.3	98	33.0-38.0 - serpentine and talc, siliceous L.S. poor to fair Fe.
39.0 - 41.0	32.6	98	
41.0 - 43.0	24.2	98	
43.0 - 45.0	47.1	98	
45.0 - 47.0	34.8	97	38.0 - 55.0 serpentine and talc, good to exc. Fe., base of Fe at 55.0.
47.0 - 49.0	57.0	95	
49.0 - 51.0	61.0	95	
51.0 - 54.0	59.0	95	
			55.0 - 66.0 fresh l.s., minor Fe @ 65 - 66.
54.0 - 84.5		81	
Too low to assay			66.0-78.0 - silicified l.s., minor serpentine chert @ 73.
			78.0-85.0 - minor serpentine & chlorite, shaly silicified l.s., thin diabase sill @ 83, top of Fe @ 84.0.
84.5 - 90.0	21.6	92	
90.0 - 96.0	15.3	50	
96.0 - 98.0	57.9	83	
98.0 - 100.0	62.4	83	
100.0 - 102.0	5.4	83	
102.0 - 104.5	30.6	68	85.0 - 115.0 - chlorite & serpentine, local unaltered l.s., thin diabase sill @ 96, poor to excellent Fe.
104.5 - 106.5	12.9	87	
106.5 - 109.0	5.8	100	
109.0 - 111.5	52.5	100	
111.5 - 115.9	14.9	100	
			115.0 - 146.0 - medium gray l.s., some chlorite and local diopside, weakly silicated, two thin altered diabase sills @ 118-119.5, l.s. - diabase contact @ 143.
			Bottom @ 146.0