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Vol. 5, Bk. 10

TOMBSTONE
Mining District
Cochise Co., AZ

Santa Fe Mining, Inc.
Drilling
Holes T 1 thru T 5

SANTA FE MINING
DOH T-1

DRILL ELEMENT ------>				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na
SAMPLE	HOLE	FROM	TO	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%
32658				2	37	50	108	0.60	8	7	753	2.92	11	5	0.08	4	108	1	2	2	13	3.10	0.044	12	10	0.78	134	0.01	4	1.73	0.01
32659				4	2588	1195	6972	42.00	37	15	233	3.71	6	5	0.00	1	25	90	2	2	7	0.55	0.026	4	24	0.17	46	0.01	3	0.65	0.01
32660				4	86	61	193	1.50	8	5	305	1.97	12	5	0.00	2	45	2	2	2	7	1.06	0.023	7	22	0.24	63	0.01	5	0.82	0.01
32661				2	62	38	96	0.90	9	6	642	2.97	9	5	0.20	3	88	1	2	3	3	2.56	0.048	5	10	0.64	24	0.01	3	0.29	0.01
32662				2	16	12	30	0.10	10	6	568	2.51	14	5	0.08	4	128	1	2	2	2	3.15	0.033	11	9	0.78	30	0.01	2	0.29	0.01
32663				3	18	31	219	0.20	8	1	297	1.70	2	5	0.00	1	67	1	2	3	2	1.55	0.020	5	16	0.38	20	0.01	2	0.16	0.01
32664				2	29	857	555	3.60	10	8	341	4.13	132	5	0.00	2	46	6	2	2	3	1.20	0.029	3	10	0.32	17	0.01	2	0.31	0.01
32665				3	25	1389	604	11.60	10	9	126	3.03	95	5	4.00	1	23	7	3	2	2	0.45	0.017	2	14	0.08	13	0.01	2	0.19	0.01
32666				2	23	477	392	2.70	9	5	311	4.39	135	5	0.00	1	42	3	2	2	4	1.13	0.024	2	11	0.34	12	0.01	2	0.44	0.01
29214	T-1	1307.5	1308.0	3	826	22659	54880	200.54	10	5	5048	1.28	32	5	0.86	1	75	535	169	5	21	9.04	0.012	17	17	3.15	9	0.01	8	0.63	0.01
29215	T-1	1308.0	1309.0	2	114	3087	5967	23.04	9	5	6061	2.52	94	5	0.48	1	94	76	21	2	9	18.34	0.001	16	5	1.53	7	0.01	9	0.14	0.01
29216	T-1	1317.0	1318.5	11	325	7354	8543	84.89	6	2	18254	1.16	76	5	0.32	1	140	66	78	2	5	27.55	0.001	29	2	0.37	30	0.01	9	0.17	0.01
29452	T-1	1321.0	1322.0	3	21	55	526	ND	19	3	4339	1.32	19	5	0.03	6	121	3	4	2	25	11.50	0.031	15	35	2.45	54	0.05	6	0.96	0.01
29453	T-1	1322.0	1323.0	1	11	41	755	ND	6	1	4767	0.68	17	5	0.02	1	153	2	5	2	12	18.70	0.008	21	9	4.97	2	0.03	20	0.47	0.01
29454	T-1	1323.0	1324.0	2	16	25	480	6.86	24	5	5119	2.52	47	5	0.10	9	119	2	2	2	20	8.67	0.036	28	22	0.90	95	0.01	11	0.48	0.01
29455	T-1	1324.0	1325.0	1	13	18	448	2.93	19	4	4550	2.16	45	5	0.07	6	135	2	3	2	19	11.12	0.030	23	14	0.74	58	0.01	4	0.39	0.01
29456	T-1	1325.0	1326.0	1	38	45	710	10.56	16	3	4417	1.98	46	5	0.10	6	110	6	2	2	17	14.86	0.033	30	20	0.95	12	0.01	9	0.49	0.01
29457	T-1	1326.0	1327.0	2	11	22	413	2.43	20	4	5014	2.20	43	5	0.06	7	156	1	2	2	24	10.65	0.035	25	26	1.11	49	0.01	6	0.50	0.01
29458	T-1	1327.0	1328.0	2	22	25	329	8.30	25	5	5071	2.43	58	5	0.10	6	113	2	2	2	18	12.95	0.031	40	22	1.70	22	0.01	7	0.35	0.01
29459	T-1	1328.0	1329.0	3	86	420	1851	2.95	19	4	4582	2.11	68	5	0.01	7	113	34	46	2	27	11.81	0.036	45	33	1.35	74	0.07	21	1.21	0.01
29460	T-1	1329.0	1330.0	2	31	48	1833	20.64	23	5	3843	2.14	50	5	0.08	7	143	6	6	2	22	9.11	0.038	72	36	1.35	55	0.02	8	0.68	0.01
29461	T-1	1330.0	1331.0	1	16	100	1070	ND	3	1	3344	0.33	4	5	ND	1	145	6	2	2	9	18.71	0.010	7	10	3.76	93	0.02	9	1.07	0.01
29462	T-1	1331.0	1332.0	3	73	688	1140	3.56	6	1	4648	0.85	20	5	0.05	1	146	50	5	2	9	21.47	0.004	12	8	1.64	88	0.01	13	0.47	0.01
29463	T-1	1332.0	1333.0	1	24	255	1193	1.95	4	1	5050	0.54	9	5	0.02	1	180	5	2	2	7	18.25	0.016	10	9	4.01	113	0.02	9	0.55	0.01
29464	T-1	1333.0	1334.0	1	27	119	1188	9.02	6	1	3449	0.58	5	5	ND	1	131	1	2	2	7	15.67	0.013	8	12	3.02	4	0.04	2	0.54	0.01
29465	T-1	1334.0	1335.0	2	8	56	254	ND	6	1	5167	0.80	5	5	ND	1	135	1	2	2	13	13.80	0.014	7	17	3.80	23	0.03	10	0.54	0.01
29466	T-1	1335.0	1336.0	1	10	184	599	ND	5	1	4483	0.53	7	5	0.02	1	198	3	2	2	7	12.92	0.016	8	12	5.37	348	0.02	5	0.77	0.01
29467	T-1	1336.0	1337.0	2	18	149	281	1.65	4	1	3353	0.47	9	5	ND	1	221	1	4	4	10	12.79	0.012	6	10	5.38	198	0.04	5	0.95	0.01
29468	T-1	1337.0	1338.0	3	6	31	114	1.75	9	4	4151	1.66	21	5	0.02	1	163	1	2	2	14	11.44	0.014	7	15	4.89	80	0.02	3	0.89	0.01
29469	T-1	1338.0	1339.0	2	7	29	92	ND	5	2	3939	0.60	6	5	ND	1	656	1	2	2	14	12.54	0.015	8	14	6.25	159	0.04	8	0.90	0.01
29217	T-1	1496.0	1498.0	3	49	288	136	43.75	42	52	600	16.99	298	5	0.41	4	12	1	11	2	4	1.14	0.018	2	14	0.10	9	0.01	5	0.11	0.01
29218	T-1	1516.5	1517.5	7	119	34	121	43.58	18	12	767	6.51	92	5	0.23	2	33	1	21	2	8	1.91	0.015	3	20	0.07	37	0.01	11	0.10	0.01
29221	T-1	1526.8	1527.0	3	118	165	35	ND	32	30	697	16.80	142	5	ND	1	22	2	27	2	2	3.81	0.007	4	13	0.04	4	0.01	2	0.09	0.01
29219	T-1	1531.5	1532.3	4	53	71	74	3.36	28	29	1715	14.84	55	5	0.07	2	20	1	6	2	8	4.76	0.006	3	11	0.25	5	0.01	4	0.16	0.01
29220	T-1	1532.5	1533.5	4	157	181	104	7.82	26	28	1817	17.50	102	5	0.14	2	29	2	19	3	6	5.73	0.009	4	11	0.19	7	0.01	4	0.14	0.01
29865	T-1	2632.0	2633.0	2	7	34	33	ND	1	1	201	0.20	3	5	ND	1	4264	1	2	2	1	38.19	0.003	2	2	0.22	58	0.01	2	0.09	0.01
29866	T-1	2633.0	2634.0	1	4	11	19	0.24	1	1	137	0.19	2	5	ND	1	4155	1	2	2	1	36.68	0.002	2	2	0.20	52	0.01	2	0.11	0.01
29867	T-1	2634.0	2635.0	1	6	2	14	0.48	4	1	236	0.20	2	5	ND	1	6286	1	2	2	1	36.85	0.001	2	2	0.19	66	0.01	2	0.10	0.01
29868	T-1	2635.0	2636.0	1	1	2	17	0.41	1	1	288	0.18	2	5	0.09	1	2404	1	2	2	1	37.90	0.001	2	2	0.25	36	0.01	2	0.12	0.01
29869	T-1	2636.0	2637.0	1	3	5	15	ND	1	1	294	0.17	3	5	ND	1	996	1	2	2	1	39.86	0.001	2	2	0.17	20	0.01	2	0.07	0.01
29870	T-1	2637.0	2638.0	2	6	12	51	0.24	4	1	384	0.25	3	5	0.01	1	719	1	2	2	3	39.01	0.003	2	4	0.25	19	0.01	2	0.17	0.01
29871	T-1	2638.0	2639.0	3	15	351	282	1.61	4	1	964	0.62	9	5	0.02	1	595	2	3	2	4	37.32	0.007	3	5	0.34	3	0.01	2	0.38	0.01
29872	T-1	2639.0	2640.0	2	35	275	185	ND	6	1	689	0.66	20	5	0.01	1	1231	1	2	3	4	34.90	0.006	6	7	0.30	13	0.01	7	0.25	0.01
29873	T-1	2640.0	2641.0	1	42	373	428	1.92	12	4	2300	0.97	4	5	0.01	1	1240	2	2	2	8	25.32	0.013	9	16	0.88	26	0.04	6	0.65	0.01
29874	T-1	2641.0	2642.0	17	387	8781	5627	32.64	2	2	6223	2.71	176	5	0.02	1	246	50	30	2	6	26.44	0.004	10	10	0.71	10	0.01	2	0.41	0.01
29875	T-1	2642.0	2643.0	6	435	5676	16086	37.99	2	1	6041	2.52	108	5	0.03	1	458	146	18	3	3	30.59	0.002	9	6	0.77	1	0.01	2	0.23	0.01
29876	T-1	2643.0	2644.0	1	16	41	99	ND	2	1	1414	0.31	2	5	ND	1	880	1	2	2	4	30.84	0.001	6	7	2.54	6	0.01	9	0.47	0.01
29877	T-1	2644.0	2645.0	1	7	8	27	ND	7	2	935	0.67	3	5	ND	1	601	1	2	2	9	30.64	0.001	8	13	2.71	10	0.01	9	0.91	0.01

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SAMPLE	K %	W PPM	As PPM	Sb PPM	Bi PPM	Ge PPM	Se PPM	Te PPM	F PPM
32658	0.84	1	8.70	0.6	0.2	0.2	0.2	0.3	970
32659	0.32	1	4.60	4.4	0.1	0.2	0.7	0.3	340
32660	0.39	1	10.80	1.8	0.1	0.2	0.2	0.3	390
32661	0.18	1	11.90	0.7	0.4	0.2	0.2	0.3	810
32662	0.14	2	14.30	0.5	0.1	0.2	0.2	0.3	560
32663	0.07	1	4.00	1.0	0.3	0.2	0.2	0.3	260
32664	0.11	1	131.60	1.9	0.4	0.2	0.9	0.3	490
32665	0.07	1	93.90	3.2	0.2	0.2	1.1	0.3	270
32666	0.08	1	140.50	1.7	0.5	0.2	0.8	0.3	400
29214	0.06	3	27.20	134.9	6.8	0.7	78.0	4.7	2680
29215	0.02	1	84.00	22.2	0.7	0.9	5.8	16.8	710
29216	0.01	1	63.90	81.4	0.3	1.0	28.1	8.3	660
29452	0.44	1	15.50	3.7	0.3	0.2	1.1	0.6	3420
29453	0.04	1	16.00	4.7	0.3	0.2	0.3	0.3	4090
29454	0.08	1	47.20	3.1	0.1	0.4	3.5	4.3	1400
29455	0.08	1	44.00	4.6	0.1	0.4	2.9	2.4	1110
29456	0.12	1	48.30	3.5	0.1	0.2	75.0	3.6	1790
29457	0.1	1	43.40	2.4	0.1	0.3	12.0	3.6	1390
29458	0.07	1	59.00	2.9	0.3	0.2	9.7	8.0	1260
29459	0.17	1	62.60	42.6	0.2	0.4	3.0	10.6	4540
29460	0.13	1	49.40	8.2	0.2	0.4	12.4	6.7	2100
29461	0.54	1	5.50	3.1	0.2	0.2	0.2	0.3	6550
29462	0.03	1	19.10	7.1	0.2	0.2	0.7	1.1	2570
29463	0.03	1	8.10	4.6	0.2	0.2	1.6	1.4	1920
29464	0.03	1	5.10	2.7	0.2	0.2	1.5	0.5	2250
29465	0.06	1	6.90	1.7	0.2	0.2	0.2	0.6	2650
29466	0.03	1	3.90	2.1	0.3	0.2	0.5	0.4	1830
29467	0.1	1	6.80	3.3	0.2	0.3	0.7	0.6	2910
29468	0.19	1	21.50	1.3	0.3	0.3	1.3	1.5	2620
29469	0.28	1	5.00	1.1	0.1	0.3	0.3	0.4	2820
29217	0.04	2	308.90	18.1	0.5	0.5	11.0	12.5	490
29218	0.06	41	89.60	24.0	0.2	0.8	9.8	11.4	340
29221	0.04	7	129.50	35.7	0.3	0.8	6.7	3.9	290
29219	0.05	100	60.60	9.6	0.3	0.6	22.0	3.7	490
29220	0.05	88	90.10	22.6	0.3	0.6	22.9	3.8	280
29865	0.01	1	3.60	0.9	0.1	0.4	0.3	0.3	140
29866	0.01	1	0.90	0.9	0.1	0.9	0.2	0.3	130
29867	0.02	1	0.70	0.3	0.1	0.6	0.2	0.3	150
29868	0.04	1	1.10	0.4	0.1	0.5	0.2	0.3	520
29869	0.04	1	2.60	0.6	0.1	0.2	0.2	0.3	650
29870	0.08	1	2.50	0.5	0.1	0.2	0.8	0.3	980
29871	0.11	1	9.70	5.6	0.4	0.3	1.1	1.4	1270
29872	0.05	1	19.50	3.3	0.5	0.2	1.3	1.4	410
29873	0.14	1	6.50	1.7	1.1	0.2	1.1	3.2	1500
29874	0.26	1	131.40	24.7	4.0	0.2	4.9	2.7	1640
29875	0.02	1	84.90	20.4	4.3	0.2	2.0	4.3	420
29876	0.02	1	3.90	1.6	0.1	0.2	0.2	0.6	540
29877	0.05	1	3.40	1.0	0.1	0.2	0.4	0.5	560

14112 G.B.

DRILL ELEMENT ------>				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na
SAMPLE	HOLE	FROM	TO	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%
29878	T-1	2645.0	2646.0	1	8	6	30	0.38	4	2	1139	0.53	3	5	ND	1	676	1	2	2	7	31.91	0.001	8	11	2.35	11	0.01	3	0.65	0.01
29879	T-1	2646.0	2647.0	1	11	145	170	ND	3	1	1626	0.38	4	5	ND	1	925	1	2	2	9	28.49	0.021	10	11	2.71	2	0.01	2	0.57	0.01
29880	T-1	2647.0	2648.0	1	20	335	318	2043.0	2	1	1620	0.37	2	5	ND	1	1104	2	2	2	6	28.86	0.016	10	10	1.87	10	0.02	2	0.44	0.01
29881	T-1	2648.0	2649.0	1	81	5660	7620	8.02	5	6	3744	0.74	11	5	0.03	1	741	39	2	2	8	27.41	0.016	7	12	1.87	34	0.02	2	0.56	0.01
29882	T-1	2649.0	2650.0	1	45	2238	2428	3.05	11	3	4549	0.99	5	5	0.02	1	386	14	2	2	17	21.20	0.015	8	23	1.69	54	0.03	2	0.93	0.01
29883	T-1	2650.0	2651.0	1	174	5170	5133	1.61	12	4	4109	1.11	9	5	0.01	1	288	29	2	2	16	13.87	0.003	7	23	4.53	50	0.04	2	1.69	0.01
29884	T-1	2651.0	2652.0	3	116	506	744	0.86	25	8	2513	2.14	5	5	ND	4	133	5	2	2	28	8.10	0.029	9	32	4.33	65	0.10	10	1.89	0.01
29222	T-2	1564.0	1565.0	1	6	5	32	0.93	13	4	846	1.41	2	5	ND	5	83	1	2	2	20	7.41	0.022	17	31	2.23	127	0.06	4	2.05	0.01
29223	T-2	1565.0	1566.0	1	7	11	40	ND	17	6	1019	1.51	6	5	ND	5	74	1	2	2	21	5.88	0.023	16	32	2.43	147	0.06	3	2.10	0.01
29224	T-2	1566.0	1567.0	1	13	26	64	1.92	22	6	855	1.75	7	5	0.01	6	64	1	2	2	28	7.06	0.026	20	40	3.08	82	0.07	2	2.43	0.01
29225	T-2	1567.0	1568.0	1	9	3	33	0.48	12	5	1035	1.24	10	5	0.01	6	88	1	2	3	20	10.36	0.025	27	32	2.08	93	0.02	3	1.71	0.01
29226	T-2	1568.0	1569.0	1	13	7	45	ND	15	4	581	1.46	5	5	ND	5	62	1	2	2	18	4.36	0.023	14	31	2.15	76	0.03	2	1.99	0.01
29227	T-2	1569.0	1570.0	1	18	10	33	ND	15	4	899	1.40	3	5	ND	4	72	1	2	2	16	8.00	0.022	17	32	1.92	82	0.02	3	1.68	0.01
29228	T-2	1570.0	1571.0	1	16	8	29	ND	13	3	695	1.22	5	5	ND	5	74	1	2	2	18	8.09	0.023	17	31	1.86	55	0.02	2	1.89	0.01
29229	T-2	1571.0	1572.0	1	19	6	26	ND	8	2	2119	1.15	7	5	ND	1	150	1	2	2	25	22.68	0.013	18	19	1.33	130	0.02	4	1.41	0.01
29230	T-2	1572.0	1573.0	3	4	40	35	ND	4	2	2833	0.90	8	5	ND	1	1995	1	2	2	9	33.89	0.010	17	11	1.15	1886	0.01	3	0.60	0.01
29231	T-2	1707.0	1708.0	4	10290	17651	26291	25.54	5	11	1046	1.69	23	5	ND	4	202	167	6	2	11	2.26	0.022	2	14	11.09	5	0.03	5	1.53	0.02
29232	T-2	1708.0	1709.0	1	53	671	552	0.93	4	1	821	0.28	44	5	ND	1	138	4	5	2	5	18.87	0.005	5	7	3.51	18	0.02	60	0.47	0.01
29233	T-2	1709.0	1710.0	3	9580	24738	12714	24.86	5	6	2617	1.36	36	5	0.02	1	101	79	13	2	4	12.04	0.007	4	4	3.85	2	0.01	7	0.29	0.01
29234	T-2	1710.0	1711.0	3	7922	33488	29796	45.39	4	16	3545	1.80	37	5	0.08	1	48	191	32	2	2	9.11	0.001	3	7	0.87	22	0.01	2	0.07	0.01
29235	T-2	1711.0	1712.5	1	10400	11922	8413	17.90	5	6	3079	1.90	46	5	0.01	1	118	51	5	2	6	8.16	0.007	5	7	5.50	63	0.02	4	0.62	0.01
29236	T-2	1736.5	1738.0	1	15	31	41	1.54	1	1	838	0.16	9	5	ND	1	160	1	2	2	7	21.62	0.012	4	8	2.29	7	0.01	7	0.41	0.01
29237	T-2	2148.0	2148.2	3	1626	23467	14731	21.09	13	4	2711	1.87	10	5	0.01	1	104	83	27	2	19	15.35	0.006	2	17	0.51	11	0.03	2	0.68	0.01
29238	T-2	2148.2	2149.0	1	11	40	31	ND	1	1	333	0.10	9	5	0.01	1	275	1	2	2	4	34.61	0.003	3	2	0.07	8	0.01	10	0.15	0.01
29239	T-2	2149.0	2150.0	1	31	65	63	0.86	2	1	581	0.20	7	5	ND	1	262	1	5	2	6	32.31	0.005	4	4	0.86	23	0.01	11	0.25	0.01
29240	T-2	2150.0	2151.0	1	79	927	878	2.16	3	2	785	0.32	10	5	0.02	1	241	5	6	2	11	29.66	0.008	5	9	0.14	14	0.02	12	0.31	0.01
29241	T-2	2365.5	2366.7	1	45	111	105	4.29	2	1	279	0.20	8	5	0.01	1	505	1	2	3	5	31.51	0.003	3	6	0.19	4	0.01	9	0.29	0.01
29261	T-2	2366.7	2367.0	88	21646	27486	49379	64.42	8	6	1647	4.56	9	5	0.03	1	102	300	85	2	4	13.62	0.001	2	12	0.49	1	0.02	8	0.26	0.01
29242	T-2	2367.0	2368.0	1	25	75	27	2.64	5	1	216	0.14	6	5	0.01	1	468	1	2	2	3	33.22	0.003	3	5	0.17	6	0.01	6	0.24	0.01
29243	T-2	2540.5	2540.8	1	171	15872	1922	12.75	6	1	301	0.23	5	5	0.02	1	371	12	17	2	3	38.02	0.002	2	4	0.37	13	0.01	6	0.28	0.01
29244	T-2	2541.0	2542.0	1	22	783	78	5.52	4	1	200	0.30	11	5	ND	1	367	1	4	3	4	33.75	0.003	3	6	0.38	15	0.02	20	0.54	0.01
29245	T-2	2542.0	2543.0	1	5	3136	47	10.77	2	1	206	0.12	8	5	0.01	1	361	1	6	2	2	33.67	0.004	4	3	0.03	2	0.01	7	0.18	0.01
29246	T-2	2543.0	2543.8	2	8	117	45	2.91	3	2	212	0.18	5	5	0.03	1	391	1	2	2	3	33.17	0.005	7	4	0.04	2	0.02	12	0.24	0.01
29247	T-2	2557.0	2558.0	3	89	296	297	ND	21	6	724	1.09	15	5	0.02	2	826	2	7	2	10	16.43	0.037	13	18	1.64	39	0.06	30	1.69	0.01
29248	T-2	2558.0	2559.0	1	199	1642	1577	1.30	14	8	1355	1.06	17	5	ND	1	1820	10	5	2	13	17.54	0.021	10	14	4.10	143	0.05	24	1.42	0.01
29249	T-2	2559.0	2560.5	3	89	92	160	ND	38	12	1118	1.34	13	5	ND	2	1056	1	2	2	18	8.37	0.020	6	23	3.12	128	0.08	16	2.10	0.01
29411	T-2	2624.5	2626.0	4	66	60	56	ND	31	9	411	2.53	8	5	0.01	5	329	1	2	2	20	3.04	0.028	9	40	3.12	60	0.11	16	3.83	0.05
29250	T-2	2626.0	2627.5	3	33	55	83	3.12	32	6	260	2.06	10	5	0.02	5	514	1	2	2	29	3.04	0.247	13	43	2.29	63	0.16	37	4.43	0.05
29251	T-2	2881.5	2822.5	1	518	21353	42194	94.01	6	66	4981	0.90	17	5	ND	1	99	139	8	158	2	17.40	0.020	5	5	0.06	1	0.01	9	0.41	0.01
29252	T-2	2890.5	2891.0	2	504	365	405	41.90	10	4	464	1.05	8	5	0.17	6	529	3	5	5	8	10.63	0.020	11	18	0.09	33	0.07	10	0.68	0.01
29253	T-2	2891.0	2891.5	5	4242	17418	40474	462.72	47	13	423	6.63	132	5	1.09	5	446	306	130	5	8	1.85	0.033	7	25	0.14	10	0.03	5	1.86	0.04
29254	T-2	2891.5	2892.5	4	66	68	46	3.46	44	11	113	2.65	8	5	0.04	6	460	2	2	4	33	2.85	0.055	13	52	0.77	34	0.17	22	4.45	0.12
29255	T-2	2968.3	2969.0	4	41	286	360	0.65	11	1	567	1.09	3	5	0.02	7	42	2	2	2	9	7.25	0.044	11	25	0.08	1	0.05	15	0.91	0.01
29256	T-2	2969.0	2970.3	1	1505	15670	931	39.50	7	4	3072	1.61	12	5	0.03	1	74	7	4	58	5	20.75	0.013	4	8	0.15	3	0.01	10	0.25	0.01

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SAMPLE	K %	W PPM	As PPM	Sb PPM	Bi PPM	Ge PPM	Se PPM	Te PPM	F PPM
29878	0.04	2	1.70	2.2	0.1	0.2	0.2	0.3	810
29879	0.01	1	2.20	0.5	0.1	0.2	0.2	0.4	1120
29880	0.01	1	2.00	0.5	0.1	0.2	0.3	0.6	980
29881	0.01	1	3.80	3.4	0.2	0.2	0.8	0.5	1130
29882	0.57	1	4.50	2.0	0.3	0.2	3.6	4.4	3840
29883	1.16	1	3.80	2.8	0.2	0.2	7.4	5.7	9450
29884	0.98	1	5.20	2.2	0.1	0.2	0.7	2.3	5300
29222	0.44	1	3.10	1.3	0.2	0.5	0.3	0.3	1090
29223	0.38	2	3.90	1.6	0.2	0.9	0.2	0.3	1060
29224	0.43	1	4.10	1.0	0.1	0.6	0.3	0.3	1360
29225	0.2	4	7.30	1.0	0.1	0.5	0.2	0.3	980
29226	0.24	3	4.40	1.0	0.2	0.8	0.2	0.3	1120
29227	0.18	2	4.10	0.8	0.2	0.6	0.2	0.3	1750
29228	0.23	2	2.50	0.6	0.1	0.4	0.2	0.3	1420
29229	0.16	2	3.30	1.0	0.2	0.7	0.2	0.3	3210
29230	0.05	3	3.70	2.0	0.1	0.9	0.3	0.3	600
29231	0.02	2	17.80	7.0	0.2	0.8	2.2	1.1	1380
29232	0.19	1	44.20	4.5	0.1	0.7	3.2	1.1	4310
29233	0.06	1	29.40	12.0	0.1	1.8	3.2	1.4	2780
29234	0.02	1	38.80	32.0	0.1	1.4	4.3	1.9	2790
29235	0.02	1	39.90	0.7	0.2	1.4	1.4	0.9	2200
29236	0.03	2	5.80	0.4	0.1	0.5	0.2	0.3	1650
29237	0.03	1	6.70	27.4	1.1	0.8	39.4	2.7	1790
29238	0.06	1	3.60	2.4	0.2	1.2	0.2	0.3	880
29239	0.03	1	6.80	4.9	0.1	0.9	0.4	0.3	800
29240	0.02	1	8.40	7.2	0.1	0.7	2.0	1.6	950
29241	0.01	2	5.10	4.1	0.2	0.8	0.4	0.3	870
29261	0.02	67	8.00	86.7	1.0	1.5	91.7	24.6	810
29242	0.01	1	4.90	3.2	0.2	0.8	0.2	0.3	700
29243	0.18	1	2.60	11.8	0.3	1.2	21.3	6.4	810
29244	0.18	2	10.60	6.1	0.2	1.1	3.7	0.9	940
29245	0.01	4	6.30	7.2	0.4	1.3	13.4	3.9	310
29246	0.01	3	4.40	3.0	0.2	0.9	0.5	0.3	490
29247	0.23	1	17.50	8.8	0.2	1.2	3.6	1.4	2000
29248	0.41	1	14.20	4.7	0.3	1.1	15.9	4.5	2780
29249	0.7	1	10.80	2.9	0.1	0.9	3.1	0.6	3050
29411	0.82	1	7.60	2.1	0.5	0.6	2.8	0.5	2700
29250	0.85	1	7.60	1.4	0.8	0.8	0.6	0.3	2900
29251	0.02	7	12.90	7.3	151.9	0.2	202.7	2.4	200
29252	0.14	1	10.10	6.2	4.0	0.2	3.9	7.0	650
29253	0.12	1	121.80	136.6	3.4	0.7	3.4	4.6	1540
29254	0.37	3	10.60	1.6	1.6	0.8	3.3	1.0	3300
29255	0.03	2	5.30	1.9	0.8	0.4	1.5	0.3	1500
29256	0.01	15	9.20	3.0	61.7	0.2	43.2	1.7	340

T-1

F-1

T-2

T-2

14112 G.B.

DESCRIPTIVE STATS

SAMPLE HOLE	DRILL ELEMENT ------> FROM	TO	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %
ALL SAMPLES																														
COUNT	217	216	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226
AVERAGE			15.4	450.4	2435.8	2730.0	31.955	9.3	3.9	3948.9	1.542	41.0	5.1	0.098	2.2	292.6	24.0	15.1	3.2	12.6	19.313	0.0252	9.2	16.2	1.1	35.5	0.029	17.4	0.618	0.012
ST.DEV.			132.6	1951.2	5420.6	7164.4	164.86	9.1	6.8	5812.4	2.424	187.6	0.6	0.433	2.0	632.3	60.9	42.2	11.0	38.2	10.711	0.0261	7.7	13.5	1.4	130.2	0.028	53.7	0.786	0.011
MIN.	140.0	141.0	1	1	2	14	0	1	1	113	0.04	2	5	0	1	12	1	2	2	1	0.46	0.001	2	1	0.01	1	0.01	2	0.02	0.01
MAX.	3001.5	3002.5	1951	21646	33488	54880	2043	50	66	41694	17.5	1401	14	4.02	11	6286	535	344	158	570	39.86	0.181	72	151	11.09	1886	0.17	680	4.45	0.12
DRILL HOLE T-1																														
COUNT	46	46	46	46	46	46	45	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46
AVERAGE			2.6	78.7	1430.0	2642.9	56.783	10.8	5.5	3344.8	2.557	38.0	5.0	0.075	2.2	693.3	24.2	11.6	2.2	10.3	20.083	0.013	12.4	13.4	1.9	47.4	0.020	6.1	0.531	0.010
ST.DEV.			2.0	146.6	3761.4	8331.7	297.64	9.8	9.7	2929.5	4.461	56.0	0.0	0.156	2.2	1225.9	80.7	27.3	0.6	7.5	11.339	0.011	13.3	8.9	1.7	61.2	0.018	4.5	0.403	
MIN.	1307.5	1308	1	1	2	14	0	1	1	137	0.17	2	5	0	1	12	1	2	2	1	1.14	0.001	2	2	0.04	1	0.01	2	0.07	0.01
MAX.	2651	2652	17	826	22659	54880	2043	42	52	18254	17.5	298	5	0.86	9	6286	535	169	5	28	39.86	0.038	72	36	6.25	348	0.1	21	1.89	0.01
DRILL HOLE T-2																														
COUNT	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
AVERAGE			4.6	1717.8	5547.8	6082.7	22.128	11.7	6.3	1299.9	1.296	15.1	5.0	0.042	2.0	325.5	37.4	10.2	7.4	11.5	16.450	0.018	8.8	17.4	1.6	83.6	0.039	10.7	1.186	0.017
ST.DEV.			13.5	4250.0	9338.7	12727	72.426	11.5	10.3	1362.5	1.202	24.0	0.0	0.168	2.1	421.2	78.6	23.5	25.3	8.3	11.060	0.014	6.1	12.8	2.0	288.4	0.038	11.0	1.116	0.020
MIN.	1564	1565	1	4	3	26	0	1	1	113	0.1	2	5	0	1	39	1	2	2	2	1.85	0.001	2	2	0.03	1	0.01	2	0.07	0.01
MAX.	3001.5	3002.5	88	21646	33488	49379	462.72	47	66	6529	6.63	152	5	1.09	7	1995	306	130	158	33	38.02	0.055	27	52	11.09	1866	0.17	60	4.45	0.12
DRILL HOLE T-3																														
COUNT	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
AVERAGE			3.1	34.7	89.7	280.7	3.130	5.8	2.5	3241.1	1.761	64.8	5.0	0.045	4.3	84.9	2.4	8.6	2.0	14.3	14.980	0.029	14.3	16.0	0.5	23.0	0.042	22.8	0.558	0.017
ST.DEV.			1.0	15.5	64.2	137.2	3.985	2.8	1.3	1261.5	0.637	64.6	0.0	0.074	3.5	31.3	1.1	9.4	0.0	14.5	6.610	0.025	4.7	5.2	0.4	14.3	0.022	25.6	0.321	0.011
MIN.	140	141	1	18	2	30	0	2	1	1569	0.78	6	5	0	1	29	1	2	2	2	2.17	0.009	6	8	0.06	2	0.01	2	0.16	0.01
MAX.	183	184	5	83	273	535	13.82	11	5	5463	3.45	237	5	0.24	11	137	5	31	2	68	28.58	0.093	22	25	1.79	60	0.09	105	1.17	0.05
DRILL HOLE T-4																														
COUNT	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
AVERAGE			74.9	333.4	4385.5	2916.6	45.844	8.4	2.7	5220.8	1.101	95.9	5.0	0.055	1.2	252.8	45.9	38.9	2.4	26.6	25.584	0.015	6.0	13.4	1.1	29.8	0.018	6.1	0.525	0.010
ST.DEV.			300.5	713.7	5651.4	3552.4	168.77	8.3	2.5	6936.1	0.941	224.6	0.2	0.062	0.7	245.6	71.0	75.7	1.6	65.5	18.137	0.017	4.2	10.2	0.8	40.4	0.020	7.3	0.599	
MIN.	1219	1220	1	4	25	60	0	1	1	285	0.04	4	5	0	1	47	1	2	2	1	2.5	0.001	2	1	0.1	1	0.01	2	0.02	0.01
MAX.	2932	2933	1951	3298	23066	14196	1107.2	29	13	41694	5.2	1401	6	0.27	4	1252	427	344	12	570	38.76	0.081	18	33	3.19	184	0.1	42	2.61	0.01
DRILL HOLE T-5																														
COUNT	69	68	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69
AVERAGE			2.4	147.8	975.2	1581.1	23.992	8.0	2.2	5889.6	1.026	17.6	5.2	0.141	1.8	117.2	10.0	9.5	2.5	6.9	20.888	0.043	8.3	19.4	0.7	8.4	0.035	36.1	0.420	0.011
ST.DEV.			1.8	363.5	1583.1	2697.5	91.916	8.1	2.6	7966.3	1.718	17.0	1.1	0.591	1.3	84.5	15.3	23.3	1.4	6.3	8.214	0.034	3.6	18.7	0.7	12.0	0.029	92.6	0.518	0.010
MIN.	984	985	1	5	15	26	0	1	1	197	0.08	3	5	0	1	21	1	2	2	1	3.48	0.004	2	2	0.01	1	0.01	2	0.03	0.01
MAX.	2564	2565	10	2354	9487	17423	627.33	50	17	37615	12.06	80	14	4.02	7	495	100	178	12	41	39.21	0.181	19	151	2.65	63	0.17	680	3.93	0.09

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K	W	As	Sb	Bi	Ge	Se	Te	F
%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
226	226	226	226	226	226	226	226	226
0.126	8.9	40.49	15.48	1.38	0.53	4.33	2.30	1657.6
0.179	31.2	128.79	38.60	10.87	0.33	16.98	3.09	2774.9
0.01	1	0.7	0.3	0.1	0.2	0.2	0.3	80
1.16	280	1797	321.8	151.9	1.8	202.7	24.6	26700
46	46	46	46	46	46	46	46	46
0.141	6.1	35.11	11.45	0.55	0.36	7.51	3.26	1841.3
0.236	19.7	53.59	23.43	1.24	0.23	16.03	3.80	1827.9
0.01	1	0.7	0.3	0.1	0.2	0.2	0.3	130
1.16	100	308.9	134.9	6.8	1	78	16.8	9450
41	41	41	41	41	41	41	41	41
0.172	3.7	12.91	10.19	5.76	0.78	11.73	1.95	1508.3
0.216	10.3	19.91	24.46	24.97	0.39	34.33	3.96	977.3
0.01	1	2.5	0.4	0.1	0.2	0.2	0.3	200
0.85	67	121.8	136.6	151.9	1.8	202.7	24.6	4310
19	19	19	19	19	19	19	19	19
0.113	1.1	57.29	10.11	0.16	0.20	0.20	0.85	731.6
0.079	0.2	56.02	9.67	0.05	0.00	0.00	1.61	240.4
0.01	1	6.4	1.8	0.1	0.2	0.2	0.3	310
0.25	2	204	31.8	0.2	0.2	0.2	7.6	1160
42	42	42	42	42	42	42	42	42
0.136	19.9	104.02	38.55	0.51	0.35	2.41	3.07	2856.7
0.154	45.7	278.12	71.20	1.10	0.20	4.04	2.64	5621.6
0.02	1	3.8	0.3	0.1	0.2	0.2	0.3	80
0.67	264	1797	321.8	6.7	0.8	15.6	11	26700
69	69	69	69	69	69	69	69	69
0.071	10.2	16.37	10.56	0.34	0.75	0.62	2.05	1300.1
0.101	38.4	15.82	25.27	0.87	0.20	0.81	2.29	1310.2
0.01	1	3.2	0.4	0.1	0.2	0.2	0.3	130
0.8	280	72.5	188.3	6.6	1.2	3.5	9.5	9380

14112 G.B.

Santa Fe Pacific Mining, Inc.

TOMBSTONE PROJECT

Tombstone Mining District, Cochise County, Arizona

Drill Hole Number T-1, Total Depth 2834', Location ____ N, ____ E, Bearing N/A, Inclination VERTICAL, Core Size(s) NC/NX, Elevation ~4650, Date Started 30 Aug 88, Date Completed 4 Nov 88, Logged by KE/WDR, Total Pages 81.

1. Footage: depth below collar.
2. Recovery: horizontal lines indicate top and bottom of run, number indicates percentage of core recovered.
3. Formation: name of formation in drilled interval.
4. Lithology: standard symbology is used and is explained in the description column; symbols may be combined.
5. Bedding Angle: angle of bedding to the axis of the core.
6. Fractures: column shading indicates relative intensity of fracturing; 1st column: weak, 2nd column: moderate, 3rd column: strong.
7. Angles: angle of fractures to the axis of the core.
8. Faults, Shearing, Etc.: symbols are used as follows; ▬: fault, ⚌: shear, ▲▲▲: brecciation; symbols may be combined.
9. Calcite/Quartz Veining: symbols indicate presence of veins/veinlets: // X ; width of line indicates relative thickness; density of pattern in column or cross hatchuring indicates relative abundance of veins/veinlets in interval.
10. Alteration: column shading indicates relative intensity of alteration; 1st column: weak; 2nd column: moderate; 3rd column: strong. Wide column to right uses symbology to indicate style of alteration: // X vein/veinlet-controlled; disseminated; •• : spots, blebs; : dendritic; : stylolitic. Lack of symbol in column indicates pervasive/massive alteration. Non-standard symbols are explained in description column.
11. Mineralization: column shading indicates intensity of mineralization; 1st column: weak (<2%), 2nd column: moderate (2-10%), 3rd column: strong (10-50%), mass column: massive (>50%). Style column uses the same symbology as for alteration, above. Major column headings (pyrite, Mn oxide, gl-sl) show general mineralization type; the complete mineralogical description appears in the description column.
12. Description: column contains information not detailed in preceding columns.
13. Assay: horizontal lines indicate interval assayed.

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
5	50		RUBBLE																				CORE RUBBLE: Probably Bisbee Arkose.					
10	100	BISBEE		35	20												X						BISBEE ARKOSE & ARKOSIC SANDSTONE: mostly fine-med. grained arkose w/ ½"-1' interbeds of cr. arkose & arkosic Ss.					
15	100				20 30		X										X											
20	100						X										X											
25	100				20		X										X						ARKOSIC conglomerate: max fragment size ~ 0.5"					
30	100				45		X										X						ARKOSE & ARKOSIC Ss.					
35	100				20		X										X											

ALTERATION

MINERALIZATION

page: 1

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style, wms, mass)	MANGANESE OXIDE (style, wms, mass)	GALENA-SPHALERITE (style, wms, mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
40	100	BISBEE		40	40																		ARKOSE (CONT.)					
45	100				40																		SILTSTONE: Thinly Bedded w/ minor arkosic interbeds.					
					20																							
50	100				45																							
					20																							
55	100																						FAULT ZONE: 1' clay & Limonite cemented angular breccia in hanging wall; remainder of zone strongly sheared and broken w/ abundant clayey-limonite stained gouge.					
60	100				45																		SILTSTONE: Massive, grey green in color.					
	50																											
65	100																											
70	70																											

page: 2

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
75	70	BISBEE			75																		SILTSTONE: (CONT.)					
	95				75																							
80	100				20																							
	100				15																							
85	100				45																		ARKOSE: Brownish to greygreen in color, generally massive but in places thinly bedded, fine grained, Spottily hornfelsed arkose containing thin interbeds of siltstone.					
				45	15																							
90	100				20																							
					10																							
				45	25																							
					50																							
95	100				45																							
					15																							
100	100																											
105					60																							

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DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
	100	BISBEE			20																		ARKOSE: (CONT.)					
					10																							
110	100				45																							
					30																							
					40																							
115	100				30																							
				40																								
120	100																											
125	100				30																							
	100				30																							
130				40	45																							
	100																											
135	100				40																							
140																												

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DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA (page: 5) Au	Ag	Cu	Pb	Zn
				40																			ARKOSE: (CONT.)					
145	100	BISBEE			30																		PEBBLY ARKOSE: med.-DK. grey in color, v fine grained non-bedded arkose to siltstone containing 1-2% subangular → subrounded white quartz pebbles (~ ¼"); unit v. hard; weakly hornfelsed.					
					35																							
150					60																							
	100				25																							
155					0																		ARKOSE: AS ABOVE.					
					5																							
160	100				70																							
					35																		(1-2% pyrite assoc. w/ calcite-chlorite veinlets and small veinlet-controlled altered patches)					
165					10																							
170	100																											
175																												

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
180	100	BISBEE																					ARKOSE: (CONT.) bluish grey, fine to med. grained, massively bedded arkose w/ few silty layers. Hornfelsing indicated by increased hardness, irregular "green-spotting".					
185																												
190	100																											
195																												
200	100																											
205	100																						CONGLOMERATE: subangular → subround fragments (¼"-½", occasionally up to 2½") tan siliceous siltstone & lt grey quartz in a white to lt. grey siliceous matrix. Size of pebbles clearly increases down hole.					
210																												

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DRILL HOLE: T-1

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
	100																						CONGLOMERATE. (CONT.) AS ABOVE.					
215		BISBEE			70 70																		ARKOSE! AS ABOVE					
220	100				60																							
225																												
					60 75																							
230	100																											
235																												
					25 70																							
240	100				20																							
245																												

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
250	100	BISBEE			60, 70, 10																		ARKOSE: (CONT.) AS ABOVE.					
255					15, 35																							
260	100				25, 50																							
265					50																							
270	100																											
275					25																							
280																												

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DRILL HOLE: T-1

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
	100	BISBEE			50																		ARKOSE: (CONT.) AS ABOVE.					
					30																		LIMESTONE: grey → green in color; fossiliferous in part, fossils replaced by silica; epidote & chlorite present; vein controlled MnOx; very minor pyrite; Thin shaley interbeds.					
					85																							
285					30																							
					40																							
					15																							
290	100			40	50																		ARKOSE: Lt grey in color → green in part; Lt Hornfelsing; Calcite veins & fracture fillings; Bleach & Follows or parallels remanent bedding. Quartz infilling of secondary porosity.					
					70																							
					25																							
295																												
					55																							
300	100				40																							
					15																							
305				50	50																							
310	100				85																							
	100																											

Symbol	Meaning
X	Pyrite
X	Manganese oxide
✓	Epidote + chlorite

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
					50																		ARKOSE: (CONT.) AS ABOVE.					
					70															X								
																				X								
320	100				30															/								
		BISBEE			25																							
					70															/								
325	100				20																							
					30															/								
					15																							
					60																							
330	100				30															/								
					60																							
335					70																							
					15																							
	100				20																							
340																												
					30																							
345					30																		Epidote spotting (rimmed w/calcite, ≈ ½" – 3" in diameter).					
					50																							

page: 10

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA (page: 11) Au	Ag	Cu	Pb	Zn
355	100	BISBEE			60																		ARKOSE: med → DK grey, fine to med. grained, generally massively bedded Arkose.					
					50																							
					20																							
					55																							
					50																							
					60																		Epidote Spotting.					
					60																							
360	100				50																							
					30																							
					25																							
					55																							
					50																							
					50																							
365	100				30																							
					60																							
					60																							
					70																							
					15																							
					15																							
370	100				10																							
					20																							
375	100				30																							
380	100				30																							
385	100				40																							

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
						60																		ARKOSE: (CONT.). AS ABOVE.					
						90																							
						60																							
390	100	BISBEE				30																							
						35																							
						40																		LIMESTONE: white, micritic, w/irregular blobs of silica ± epidote. (few quartz clastic grains					
395																								ARKOSE: AS ABOVE.					
						5																							
						40																							
	100					35																							
400				45																									
						40																							
405																													
	100																												
410						5																		BANDED SILICIFIED ZONE: appears to have skarn texture but no calc-silicate minerals, lower ½ of zone is brecciated & recemented by silica.					
						5																							
	100					5																							
415						10																							
						20																							

DRILL HOLE: T-1

DESCRIPTION

ARKOSE: (CONT.) AS ABOVE

Plates of aurichalcite (See Alteration - OTHER).

LIMESTONE: white → cream, fine grained Ls., upper interval shows weak dolomitization

ARKOSE: AS ABOVE.

SILTSTONE: Olive drab, extremely fine grained to aphenitic, mod. hornfelsed SILTSTONE or SHALE.

ARKOSE: AS ABOVE.

DOLOMITIC-LIMESTONE: Brownish tan → Lt. grey in color, massively bedded; Calcite veining & vein controlled mineralization of pyrite & manganese.

M.A.P. ~ 0.3 g/t

ASSAY DATA

page: /3

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
					50																		DOLOMITIC-LIMESTONE: (CONT.) AS ABOVE.					
					20																							
	100				60																		ARKOSE: AS ABOVE.					
460				50	15																							
					50																		Fe Staining resembles "Nevada-wonder rock".					
		BISBEE			10																							
					50																							
465	87																											
					50																							
470																							NO CORE RECOVERY					
	100				30																							
					40																							
					30																							
					10																							
475	100			50																								
					50																							
					60																							
					0																							
480					40																							
	100			50	0																							
					50																		DOLOMITIC ZONE: GRAINY TEXTURE; Epidote spotting & blebs of pyrite (1"-1½" across). very dk in color.					
					60																							
					60																							
					40																							
485																												
	100				15																		ARKOSE: AS ABOVE.					
					70																							
					15																							
					65																							
					70																							
490																												

ALTERATION

MINERALIZATION

ASSAY DATA

DRILL HOLE: T-1

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
	100	BISBEE																					ARKOSE: AS ABOVE.					
	100				50																							
495					60																							
					50																							
500	100				50																							
					40																							
					15																							
					60																							
505					75																							
					10																							
					50																							
					15																							
510	100				15																							
					25																							
					35																							
					40																							
515					35																							
					15																							
					40																							
520	100				35																		(pyrite ≈ 1/16")					
					15																							
					40																							
					15																							
					35																							
					15																							
525					35																							

Footage scale: 495, 500, 505, 510, 515, 520, 525

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
530	100	BISBEE		50	45																		ARKOSE: AS ABOVE.					
					55																							
				50	15																							
																							Epidote Spotting					
535					50																							
																							CONGLOMERATE: Lt in color - mostly Quartz clasts (1¼"-½")					
					60																		ARKOSE: AS ABOVE.					
					10																							
540	100				50																							
					10																							
					50																							
545				50																								
					45																							
550	100																											
				50	50																							
555																												
					60																		CONGLOMERATE: As ABOVE, Except an increase in clast Size (½"-3"), matrix sand size, clasts mostly quartz, some siltstone clasts.					

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DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
	100	BISBEE																					CONGLOMERATE: (CONT.) AS ABOVE.					
565					60																		matrix has been replaced by calcite (Assoc. w/ Bleaching).					
	100																											
570					50																							
575																							WOLLASTONITE replacing some clasts.					
	100																						ARKOSE: AS ABOVE.					
580					60																							
585																												
	100				50																							
590																							Pyrite "blobs" ASSOCIATED w / Epidote spotting					
595																												

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DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
600	100	BISBEE		30	25, 15, 35, 10, 25																		ARKOSE: As Above.					
	100			30	40, 45, 70, 70																							
605				35	65, 70																							
610	100				70, 80																							
615					35																							
620	100			30	70																							
625					25																							
	100			35	15																		LIMESTONE: DK. grey, mottled, minor pyrite veins					
																							ARKOSE: As Above.					

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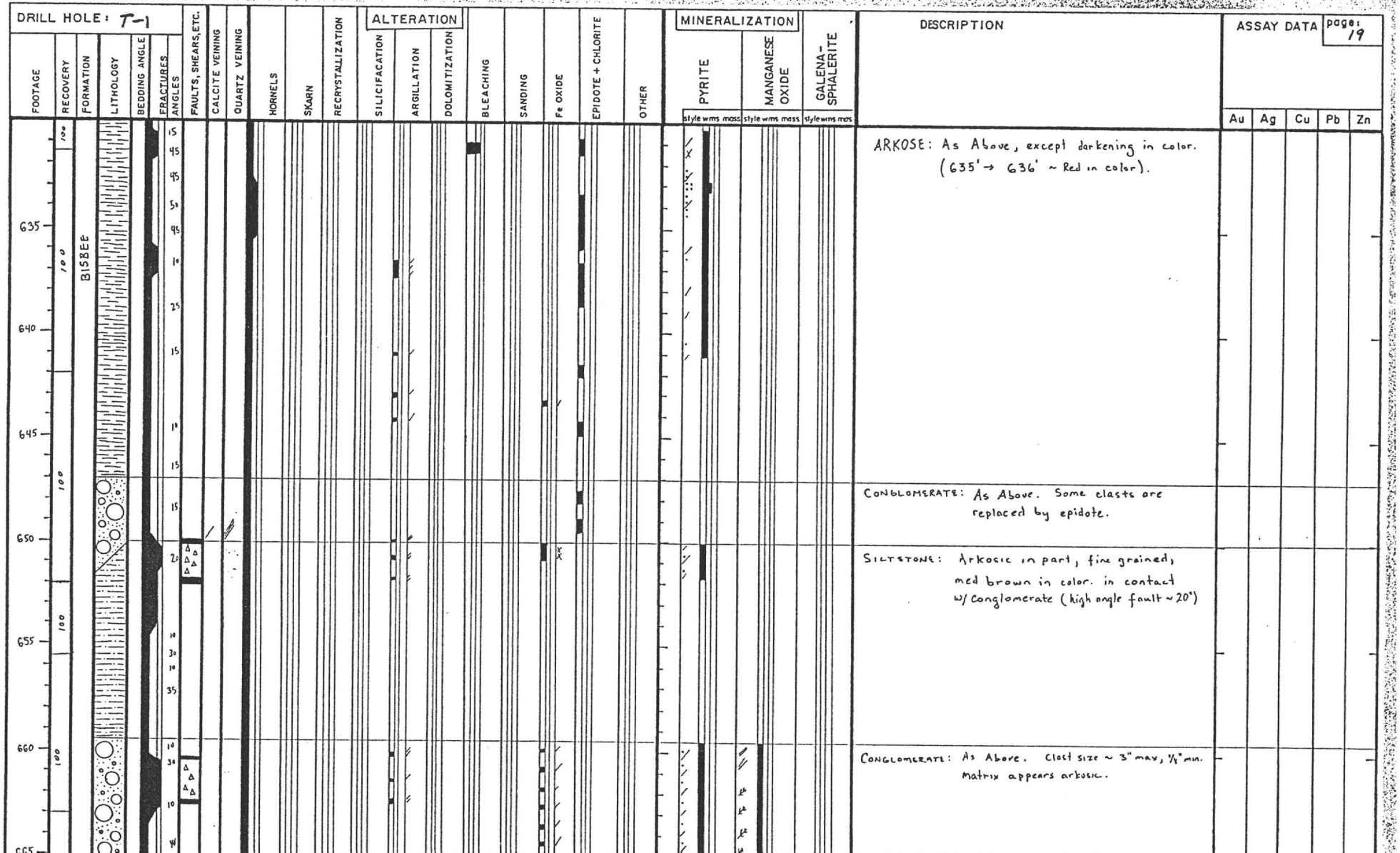
DRILL HOLE: T-1



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ARKOSE: As Above, except darkening in color. (635' → 636' ~ Red in color).

CONGLOMERATE: As Above. Some clasts are replaced by epidote.

SILTSTONE: Arkosic in part, fine grained, med brown in color. in contact w/ Conglomerate (high angle fault ~ 20°)

CONGLOMERATE: As Above. Clast size ~ 3" max, ½" min. Matrix appears arkosic.

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn

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670 — 675 — 680 — 685 — 690 — 695 — 700

RECOVERY: 100 / 100 / 100 / 100 / 100

FORMATION: BISBEE; EPITAPH DOL.

BEDDING ANGLE: 45

FRACTURES ANGLES: 10, 10, 35, 15, 15, 30, 15, 35, 30, 40, 10, 60, 35, 25, 60, 10, 10, 15, 10, 20, 40, 35, 55

CONGLOMERATE: As Above. high angle contact w/ARKOSE.

ARKOSE: As Above.

LIMESTONE: highly broken up rock, Fe staining numerous calcite veins.

ARKOSE: As Above.

LIMESTONE: massive, even fine grained, Lt grey in color.

FREE CALCITE xtls ≈ 1/2" wide

ARKOSE: Highly sheared & brecciated, red in color (Fe Stained), MnOx dendrites & dissem. MnOx.

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
																							ARKOSE: CONT.					
					35																		LIMESTONE: As Above.					
					15																							
705		EPITAPH DOL.			40																							
					40																							
710					25																							
					10																							
					25																							
715																							ARKOSE: As Above.					
					10																		LIMESTONE: As Above, except very brecciated, MnOx dendrites & dissem.					
					10																							
720					50																							
					15																							
					10																							
725					10																		ARKOSE: As Above; except very brecciated, MnOx dendrites & high angle fault.					
					35																							
					10																							
730					10																							
					15																							
					10																		LIMESTONE: As Above., calcite veining					
735					10																							

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
740	100	EPITAPH DOL.			10, 60, 15, 60, 15, 30, 7, 10																		LIMESTONE: As Above.					
745	100				15, 15, 60, 55																							
750	100				10, 10, 25																							
755	100				50, 55, 15																							
760	100				60, 15, 10, 10																							
765					15, 65, 15																							
770					15																							

ASSAY DATA page: 22

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
775	100	EPITAPH DOL.																					LIMESTONE: As Above, minor diagenetic pyrite					
780	100				50																							
					10																		increasing recrystallization					
					5																							
					<5																							
					10																							
785					0																							
					10																							
					65																		SILTSTONE: Very fine grained, Thin Arkose Layer (~5"), red in color					
790	100				15																		LIMESTONE: As Above.					
					10																							
					55																		SILTSTONE: As Above.					
795	100				10																							
					15																		LIMESTONE: As Above, numerous solution channels.					
					30																							
					30																							
800	100				10																							
					45																		SILTSTONE: As Above, less Arkose bedding.					
					55																		LIMESTONE: As Above.					
					55																		SILTSTONE: As Above, except increasing hornfels.					
805																												

ASSAY DATA

DRILL HOLE: T-1

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
810	100	EPITAPH DOL.			10, 5																		LIMESTONE: As Above.					
																							SILTSTONE: As Above.					
																							DOLOSTONE: Green in color, Epidote spotting, minor Argillation					
815	100				10, 50, 45																		SILTSTONE: increased hornfels, very hard in places, dk green in color, Arkose in part. (> 3" when present), vein controlled chlorite. [Core has metal grouned in from coreberrel - Brass].					
820				45																								
825	60 [MISS LATCH]				15																							
830	100				35																							
835					35																							
840																												

DRILL HOLE: T-1

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
		EPITAPH DOL.		50, 10																			LIMESTONE: As Above, except mildly skarned & fossiliferous w/ echino frags & Brachiopods.					
				45, 15																			SILTSTONE: As Above, increasing hornfels.					
845				45																			DOLOSTONE: Green → red in color; some epidote spotting; effervesces weakly.					
				50, 45, 10, 5, 10																			SILTSTONE: As Above.					
850																												
855																												
				15, 45, 10																			LIMESTONE: Lt grey → green in color; intraformational conglomerate; mildly skarned. intercalated "pink" dolostone beds (1"-2" Thick when present).					
860																												
865				10																								
870				15																								
				15																								

Au | Ag | Cu | Pb | Zn

DRILL HOLE: T-1

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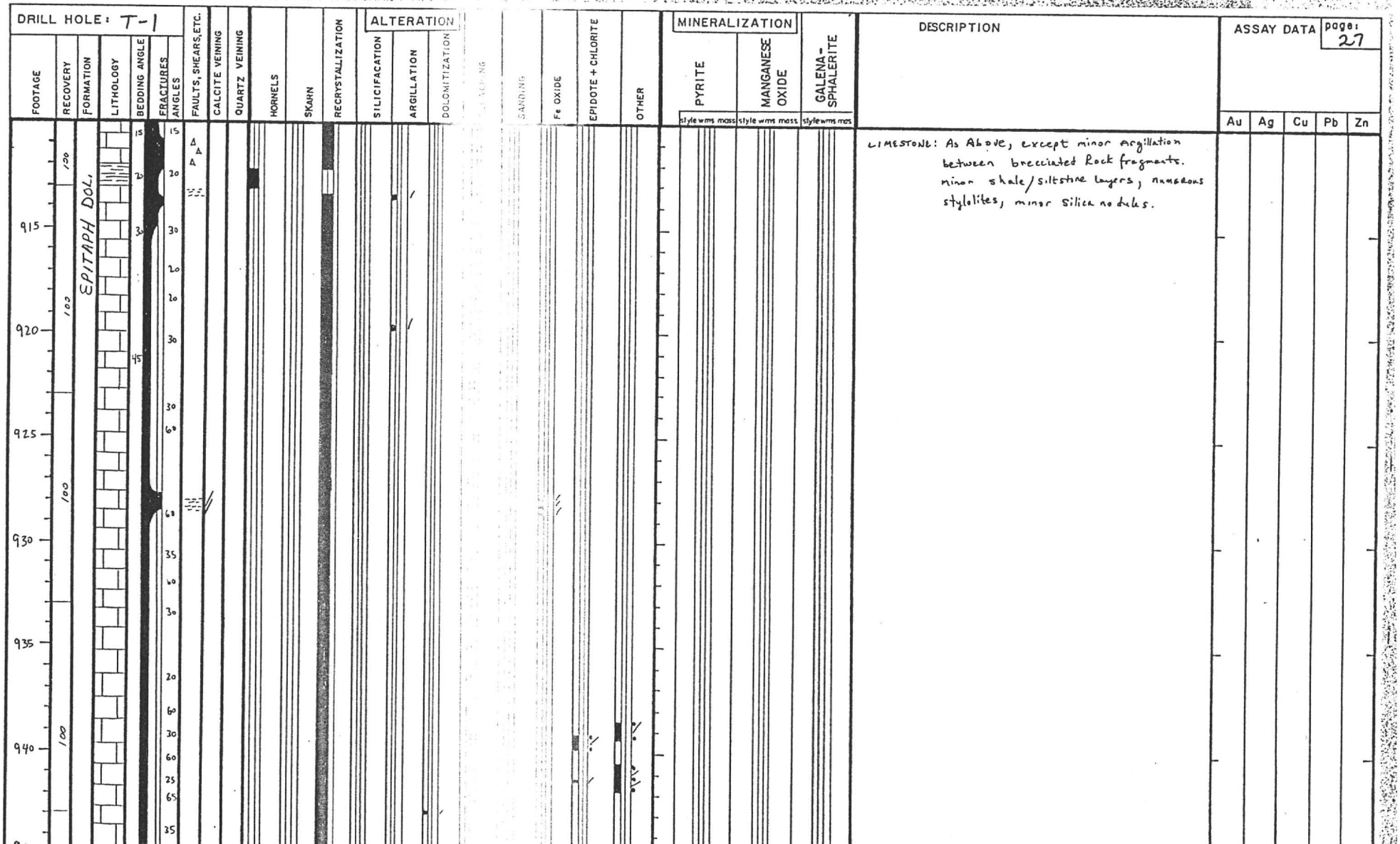
FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
		EPITAPH DOL.																					DOLOSTONE: Pink in color, Brecciate, reacts weakly to HCl, minor diagenetic pyrite altering to limonite, minor silica.					
880																							LIMESTONE: As Above, except becoming green in color.					
885																												
					5																		DOLOSTONE: As Above, except not brecciated.					
890																							LIMESTONE: As Above, replacement by epidote of some rock fragments.					
895																												
					5																		DOLOSTONE: As Above, minor siltstone layers.					
					10																		Limestone: As Above.					
900																												
905					10																							
					15																							
					10																							
					10																							

DRILL HOLE: T-1



DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
					35																		LIMESTONE: As Above.					
					45																		DOLOSTONE: MASSIVE, grey in color, minor calcite veining					
950	100	EPITAPH Dol.		60	50																		SILTSTONE: HORNFELSED; med-green in color, VUG CONTAINING free Quartz xls ~ 1/4" long.					
					55																							
					60																							
					10																		Limestone: As Above; Epidote spotting & veining					
955					35																							
																							DOLOSTONE: Lt "Apple" green in color, mod rextlzd, Individual grains of epidote. Stylolites containing galena ≈ 1/16", occasionally assoc. w/ MnOx ± 1/32"					
960	100				45																							
965																					/	≈ ≈						
970	100																					≈						
					60																	≈						
975							/										•				/	≈						
																						≈						

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DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wrms mass)	MINERALIZATION: MANGANESE OXIDE (style wrms mass)	MINERALIZATION: GALENA-SPHALERITE (style wrms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
	100	EPITAPH DOL.			10																		DOLOSTONE: (CONT.) As Above.					
985																												
	100				45																							
990																												
					15																		LIMESTONE (MARBLE); mod-Rextlzd, v. lt grey in color					
995																												
	100				45																							
1000																												
					60																							
1005																												
	100																											
1010																												
					10																							

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DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mass)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
					50																		LIMESTONE: As Above.					
					5																							
	100	EPITAPH DOL.			60																							
1020					60																							
1025					15																							
1030	100				30																							
1035					30																							
1040	100				20																							
1045					15																							
					30																							

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1055		EPITAPH DOL.			10																		LIMESTONE: As Above, v. uniform, faint Argillation & very spotty in appearence (rextln).					
					15																							
					0																							
					25																							
1060				50	30																							
1065					35																							
1070																												
					30																							
1075																												
					45																		Shear, w/ Hematite & clay					
					50																							
1080																												
					45																							

DRILL HOLE: T-

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mass)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
1090	100	EPITAPH DOL			10, 35, 15		/																LIMESTONE: As Above:					
1095							/																					
1100	100				45, 50																							
1105							/																SILTSTONE / SHALE: Hornfelsed, Green in color, V. Hard (siliceous), Epidote.					
					50, 10																							
1110	100				15, 10		/																DOLOMITIC-LIMESTONE: MOTTLED, GREEN, RED & WHITE in color, MnOx, minor pyrite.					
																							SILTSTONE / SHALE: As Above.					
																							LIMESTONE: Massive, "Apple" Green in color, MnOx (fracture controlled), Argillaceous in part, minor skarning: WOLLASTONITE					
1115					25, 35, 45, 10																							

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DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
1125	100	EPITAPH DOL.			45																		SILTSTONE/SHALE (CONT.) AS ABOVE, slighly calcareous.					
					10																							
1130	100			45	40																		DOLOMITIC-LIMESTONE: As Above, mildly skarned					
					55																		SILTSTONE/SHALE: As Above, except bleached & Argillized.					
1135																												
1140	100				15																		DOLOMITIC-LIMESTONE: As Above, MnOx along fractures.					
					45																							
1145	100				40																		SILTSTONE/SHALE: As Above / NOT bleached, Clays contain gypsum.					
					45																							
1150					10																							
					15																							

ALTERATION

MINERALIZATION

ASSAY DATA

DRILL HOLE: T-1

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
	100	EPITAPH DOL.				5, 40																		SILTSTONE / SHALE: As Above.					
1160	100			50		20, 40, 50, 40																		LIMESTONE: Lt green → red in color, Hematite stained.					
1165	100					50, 5, 5, 10, 85, 10																		SILTSTONE / SHALE: Interbedded Shale & Siltstone, Alternating Dk grey & red shales, Calcite w/ gypsum.					
1170	100					20, 15																		LIMESTONE: Trending from lt green → grey → lt grey in color (Top → bottom), Stylolites, increasing argillite towards bottom. many fractures are high angle (~5° - 15°).					
1175	100					45, 10																							
						10																		DOLOSTONE: Red in color, minor MnOx, increasing fractures.					
1180	100					15, 45																		CALCAREOUS SHALE: Red beds preserved in part, Hematite stained					
1185	100					60, 65, 10, 55, 10, 15																		LIMESTONE: As above but uniform in color.					
				60		55, 60																		SILTSTONE: As Above.					

DRILL HOLE: T-1

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
	100	EPITAPH DOL.		55	45, 50, 15, 10																		SILTSTONE: As Above					
1195																							LIMESTONE: As Above					
	100				65, 65																		SILTSTONE/SHALE: As Above.					
1200	100			50	30, 40																							
1205	100				30, 25																							
	100				30, 15																							
1210				50	15, 10, 25																							
1215	100				10, 40, 30, 10																							
1220	100			55	30, 5, 5, 15																		LIMESTONE: As Above.					

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
					10																		LIMESTONE. (CONT.) As Above.					
					30																							
					10																							
					5																							
1230	100	EPITAPH DOL.			10																							
				4°	20																							
					35																							
					40																							
1235					40																							
	100				10																							
1240					40																							
					30																		SHALE. Brown → dk grey; finely bedded; mod. Hornfelsed (ESPECIALLY ALONG BEDDING) chlorite along fractures; minor epidote spotting, minor diagenetic pyrite.					
					60																							
					20																							
1245					60																							
	100				55																							
				50	60																		INTERBEDDED SHALE / LIMESTONE: Hematite stain along fractures, Stylolites.					
1250					45																		DOLOMITIC-LIMESTONE. Lt grey → Lt green in color, minor fracture controlled pyrite, v. minor diagenetic pyrite. No Skarning					
					85																							
					70																							
					5																							
1255					75																							
					60																							
					30																		LIMESTONE: As Above, No Skarning.					

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
	100	EPITAPH DOL.		40	45, 70																		SHALE: As Above					
1265					90																							
	100				75, 5, 10																		LIMESTONE: As Above; except mod. → Strongly stained w/ FeOx; mod. MnOx @ 1266½'; mod Argillization @ 1266'-1267'					
1270					65																							
				40	90																		INTERBEDDED SHALE / LIMESTONE: As Above.					
					15																		DOLOMITIC - LIMESTONE As Above.					
1275					90, 90, 90																							
	100																						IGNEOUS INTRUSION: (SCHEFFELIN GRANODIORITE) Buff → Red in Color; Fspar weathering to Kaolin; ≈ 10-15% Hornblende & Biotite; mafics have been chloritized, Hematite has been introduced.					
1280					15																							
					45																							
1285					10																		LIMESTONE: As Above, except increasing rextlzn, vugs & dissoln. pores.					
	100				5																							
1290					10																							
					15																							

DRILL HOLE: T-1

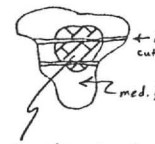
FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mass)	DESCRIPTION
	100	EPITAPH DOL.																						LIMESTONE: As Above only weakly rextlzd, vuggy (but not sanded) below mineralized zone.
1300	100			70		70																		
						90																		
1305	100					85																		
																								semimassive galena-sphalerite 1307'-1308' gl > sl > arg? >> py.
1310	100																							argentite (?) cubic xtls, submetalic, coatings & veinlets
1315																								
	100																							
1320						30																		
						25																		
1325						80																		

1308'
1' M.A.P.
opt 122

1304' 6.0 opt

1310' 10.2 opt

1317' 9.8 opt



← late veinlets cutting sl, & gl composed of argentite?

← med. f. grained gl replacing Sl. ± arg?

honey yellow sl; mineralized interval has sharp footwall contact @ 25° to core

ASSAY DATA page: 38

Au	Ag	Cu	Pb	Zn
		%	%	%
.86	oz 5.81	0.09	8.3	7.5
.48	22.04	% .01	% .33	% .75
.32	84.89	% .03	% .81	% 1.07
ppm	ppm	ppm	ppm	ppm
0.03	ND	12	50	460
0.02	ND	10	40	498
0.10	6.68	11	20	440
0.07	2.95	9	12	360
0.10	10.56	11	18	484
0.06	2.43	8	22	372
0.10	8.30	15	40	360
0.01	2.95	% .01	% .04	% .21

DRILL HOLE: T-1

DESCRIPTION

LIMESTONE: As Above

[Reduced to NX @ 1340']

GOUGE: greenish-yellow white clayey gouge. frags are of skarn unit below. sticks suggest struct. is @ 10°-15° to core axis.

ALTERNATING SKARN & HORNFELS: INTERBEDDED LIMESTONE & ARKOSE/SILTSTONE: SKARN is light yellow white containing qtz, wollastonite & probable yellow garnet or vesuvianite - all cut by wk calcite veining. Hornfels is hard, fine grain brownish grey, baked, arkose & siltstone w/ some epidote - chlorite development along bedding.

ASSAY DATA

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Au	Ag	Cu	Pb	Zn
ND	ND	14	100	905
0.05	3.56	% .01	% .11	% .14
0.02	1.95	24	260	990
ND	9.02	% .01	% .01	% .14
ND	ND	6	60	198
0.02	ND	9	180	490
ND	1.65	18	160	178
0.02	1.75	7	40	58
ND	ND	5	40	80

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1370	100	EPITAPH DOL		50	45																		ALTERNATING LIMESTONE/ARKOSIC SILTSTONE (CONT.) As Above.					
1375	100			60	30																		ARKOSE: GRADES From ARKOSE → fine grained SILTSTONE/ARKOSE, mod. Norrfolked, fractures become predominatly Qtz filled w/ minor calcite filling last of porosity in places. Pyrite assoc. w/ Qtz veining. minor chloritization along fractures.					
1380	100			50	25																							
1385					15																							
1390					20																							
1395					5																							

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DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
	100	EPITAPH DOL			5																		ARKOSE: As Above					
					5																							
1405					30																							
	100				5																							
1410					10																							
					15																							
					5																							
1415					20																							
	100				5																							
					5																							
1420					20																							
					5																		LIMESTONE: Massive, Lt grey → Buff in color, mod Silicified, Skarned, Qtz filled fractures w/very trace pyrite Assoc. w/veining.					
1425				40	35																							
	100				0																							
					40																							
					10																							
					0																		ARKOSE: As Above, except w/interbedded Sandy dolomitic-Limestone, Buff in color, dissem. & Fracture controlled pyrite increasing, minor MnOx Assoc. w/ carbonate units.					
					5																							
1430				45	25																							
					15																							
					5																							
				45	90																							

ASSAY DATA

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DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
1440	100	EPITAPH DOL.			5, 5, 40																		ARKOSE: As Above, Calcareous in part					
1445	100			45	5, 10																		LIMESTONE: massive, mottled ~ Lt grey → Buff in color, Lty Skarned, Soln vugs filled w/Qtz.					
1450					45, 30																		ARKOSE: As Above.					
1455	100				50, 45, 5, 30, 30																		DOLOMITIC-LIMESTONE: massive, Lt grey → Dk grey in color, interbedded w/ thin calcareous Sandy layers that are dk brown in color. (1/4" - 1/2" + thick).					
1460				50	65																		ARKOSE: As Above.					
1465					20, 50, 45																		LIMESTONE: As Above, except increasing MnOx Along fractures & Dissem. outwards.					

ASSAY DATA page: 42

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
1475	100	EPITAPH DOL.			60, 45, 30																		ARKOSE: As Above					
				45	60, 35																		LIMESTONE: DOLOMITIC IN PART, SLIGHTLY SANDY.					
1480					45																		ARKOSE: As Above.					
1485	100				50																		LIMESTONE: MASSIVE, Lt grey in color, Pyrite Assoc. w/ high angle shear (~50°) increasing Silt & Sand, lenses down section. Sand fraction is hornfelsed.					
1490					50																							
				50																								
1495																										°/o	°/o	°/o
1500	100				60, 40																		Semimassive Fe-pyrite	.41	43.75	ND	0.03	0.01
1505					5, 35																							

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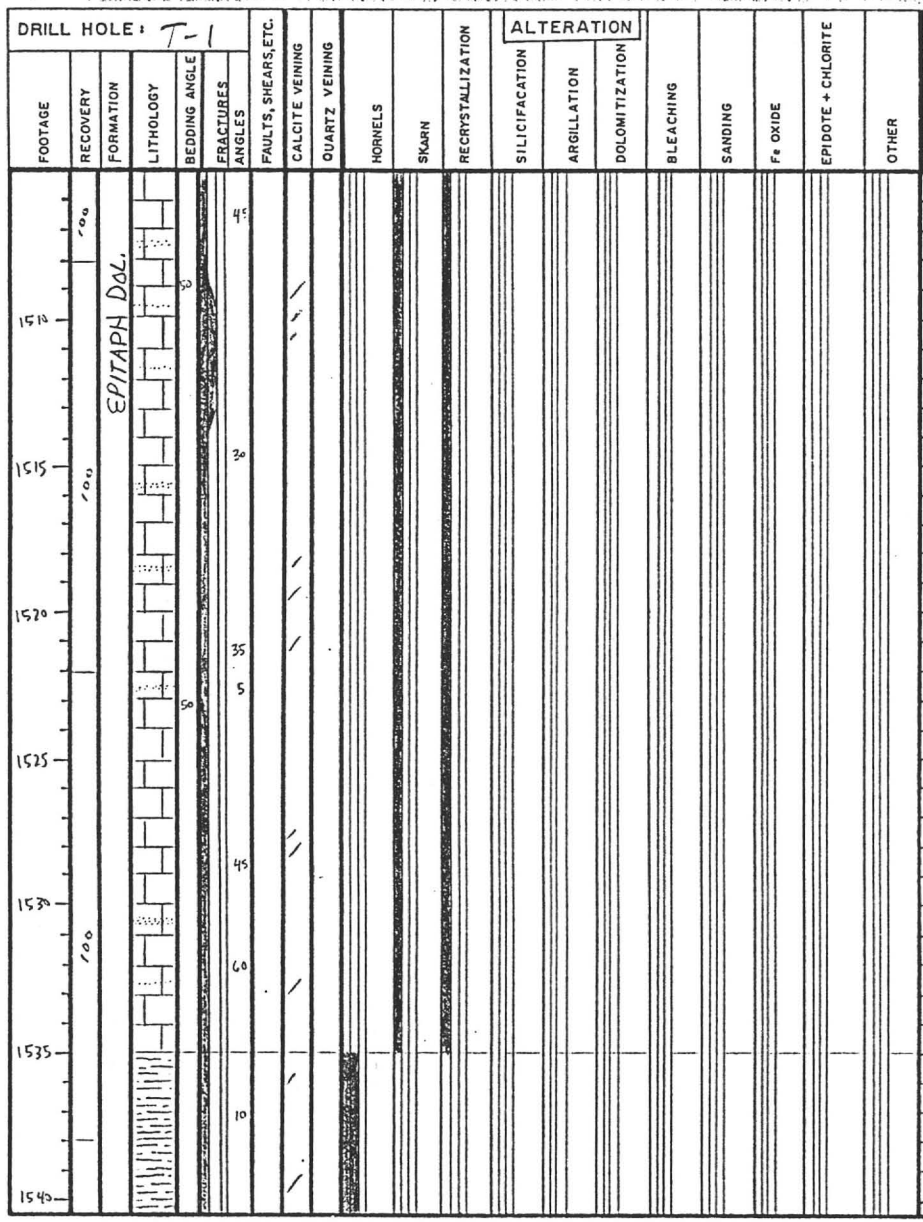
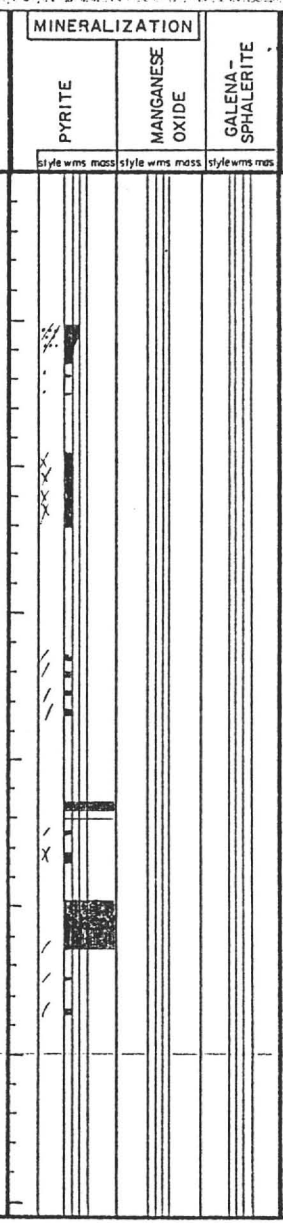
DRILL HOLE: T-1





DESCRIPTION

LIMESTONE (CONT.) As Above. Skarn style texture Decreasing down Section

Semimassive Pyrite

Semimassive Pyrite

ASSAY DATA page: 44

Au	Ag	Cu	Pb	Zn
		ppm	ppm	ppm
.23	43.58	100	40	118
			%	%
ND	ND	ND	0.03	0.01
		ppm	ppm	ppm
0.07	3.36	36	60	44
0.14	7.82	100	120	35

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
1545	100	EPITAPH DOL			60																		SILTSTONE: CONT. As Above. Hornfels decreasing					
					45																							
					70																							
1550					45																							
					85																							
1555				50	75																							
					5																							
	100				35																							
1560					65																							
1565					20																							
1570					45																		LIMESTONE: As Above, except getting cleaner.					
					50																							
																							BLACKJACK SPHALERITE					
1575					45																							

ALTERATION

MINERALIZATION

ASSAY DATA

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
				55		45																		LIMESTONE (CONT.) As Above.					
	100	EPITAPH DOL.				90																		SILTSTONE: As Above, slightly calcareous, very dirty, interbedded w/ mudstone, grey green in color. Where brecciated voids have been filled in by calcite or matrix has been replaced by calcite.					
1580						50																							
						50																							
1585						50																							
				50		45																							
1590	100																												
1595						55																							
1600	100																												
						50																							
				50		5																							
1605						75																							
						5																							
1610						45																							

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
	100	EPITAPH DOL.			50																		SILTSTONE: (CONT.) As Above.					
1615					5																		LIMESTONE As Above, but more consistant Skarning					
					55																							
1620	100				15																							
					60																							
1625																							SILTSTONE.					
					55																		LIMESTONE: (As Above).					
				55																								
1630	100				35																		Epidote spotting.					
1635					55													Epidote spotting										
1640					10																							
				55	40																							
1645																												

ASSAY DATA page: 47

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn

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DESCRIPTION

LIMESTONE (CONT.)

TALC - CHLORITE.

BLACKJACK SPHALERITE & GALENA.

SILTSTONE: REDDED, lt grey → dk grey in color talc - chlorite replacement of minor beds.

DOLOSTONE: Lt green → grey in color, Serpentine replacement in part.

LIMESTONE: As Above.

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mass)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1655	100	EPITAPH DOL		55	5, 50, 50, 45, 50																		LIMESTONE (CONT.) REDUCING IN SKARN.					
																							SILTSTONE: AS ABOVE					
1690					1, 5, 35, 50																		LIMESTONE: AS ABOVE.					
1695					50																							
1700					55, 5, 50																							
1705				53																								
1710					45																							
1715					55																							

page: 4/9

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
					45																		LIMESTONE: (CONT) As Above.					
1720	100	EPITAPH																										
					10																							
1725				55																								
1730	100				30																							
																							Serpentine along fracture.					
1735					60																							
					0																							
					10																							
					55																							
1740				40																								
	100				40																							
																							DOLOSTONE: Lt green → dk green in color, Reacts weakly to HCl, bedded, bleached in part.					
1745					55																							
				40	0																							
1750					45																							

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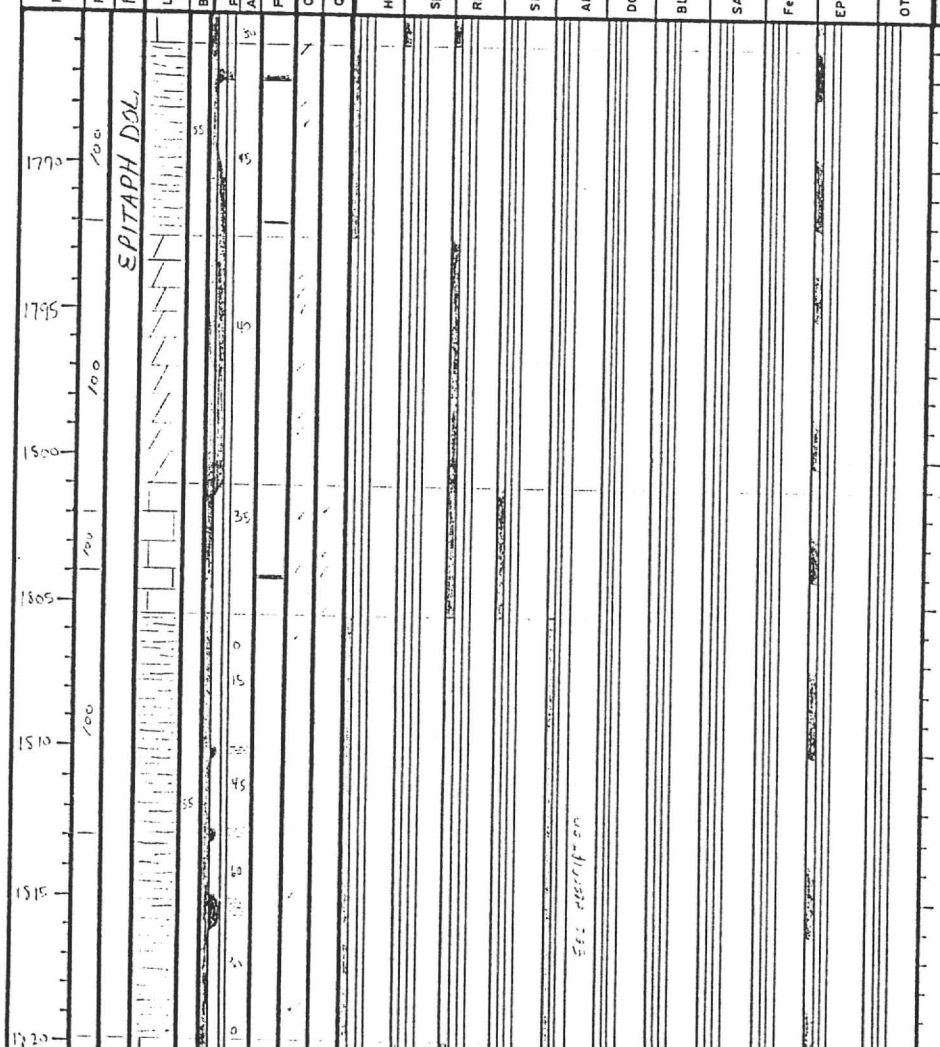
DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
1755		EPITAPH DOL.			45, 10, 30, 5																		DOLOSTONE: (CONT.) As Above					
1760					10, 45																		LIMESTONE; As Above					
1765					10, 20, 80, 5																							
1770					15, 30																							
1775				45	10, 0																		FeOx Staining (whole rock).					
1780					5, 35, 5, 5																							
1785					40																							

ASSAY DATA page: 51

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mass)	DESCRIPTION	ASSAY DATA (page: 52) Au	Ag	Cu	Pb	Zn
		EPITAPH DOL.				30																		L.S. [illegible]					
																								SILTSTONE: V. Lt grey, "chinese tale" shot throughout core, very soft, some minor pyrite					
1790	100			55		45																							
1795	100					40																		DOLOSTONE: Lt grey, mild skarning giving the rock a [illegible] appearance [illegible] (0°) cutting rock, [illegible]					
1800																													
	100					35																		LIMESTONE: massive, Lt → med grey [illegible], solution [illegible], some filled w/ [illegible] 1/2" → 1" [illegible]					
1805						0																		SILTSTONE: As above, [illegible] pyrite [illegible], tale-chlorite [illegible] w/ shears.					
						15																							
1810	100																												
				55		45																							
						60																							
1815																													
						30																							
1820						0																							



DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
		EPITAPH DOL.				0																		LIMESTONE: As [illegible]					
						10																							
1825						0																							
	100			55		5																							
1830						45																							
						50																							
1835						10																							
						45																							
1840						40																							
	100					45																							
1845						50																							
				55		30																							
1850						60																							
	100																												

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
1860	100	EPITAPH DOL.			40, 55, 55, 70								Fault Gouge															
1865				55	50, 55																							
1870					45																							
1875	100				30, 10																							
1880					20, 35																							
1885					55																							

LIMESTONE: As above, [illegible] along fractures (See "other" under alteration), occasional serpentine along fractures

Disseminated galena sphalerite

SILTSTONE: As above

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
	100	EPITAPH			40																							
					35																							
1895					70																							
		COLINA			40																							
1900																												
					50																							
1905	100																											
1910					35																							
1915																												
					45																							
1920				55																								
					55																							
1925																												

SILTSTONE: (CONT.) AS ABOVE, EXCEPT PINK in color. pre-sanding also noted.

CONTACT EPITAPH ↑ COLINA ↓

LIMESTONE: lt grey → white in color, mildly recrystlzd, speckelled w/ a black silicate mineral (unidentified), occasional epidote spotting, & occasional stylolites. much of the rock exhibits a pre sanding condition where small grains(?) have been argillized or dissolved, occasional finely disem. Fe_2O_3, galena & pyrite (see under mineralization).

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DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
		COLINA				45																		LIMESTONE: As Above					
1930																													
1935						70																							
1940						60																							
1945						35																		talc-chlorite assoc. w/ shear					
						45																							
		55																											
1950						5																							
1955																													
						60																							
						10																							
1960						0																							

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mass)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
						0																	LIMESTONE: (CONT) As Above.					
						10																	FRACTURE RELATED SULFIDES: seam of galena-sphalerite ≈ 1/8" across					
	100	COLINA				5																						
						40																						
1965																												
						50																						
1970																												
	100																											
1975																												
						50																						
1980																												
						75																						
						55																						
1985	100																											
1990																												
						50																	HEMATITE STAINED ROCK; uniform throughout core ≈ 1991' → 1995'					
1995						55																						

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
					60																		LIMESTONE: ms, hbox					
2000		COLLINA																										
	100				55																		No Apparent bedding.					
2005																												
					60																		Fe Stained					
2010					10																							
					30																							
2015					0																							
					30																							
	100				5																							
2020					45																							
					5																							
2025					0																							
					50																							
2030					45																							

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
					45		/										/						LIMESTONE: As Above, except increasing Rextln. (getting coarser).					
2035	100	CALMIA					/										/											
2040					50		/																No Apparent bedding					
2045	100				50																							
2050					35		/																					
2055					40		/																					
2060					35		/																					

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
	100	COLUMNA			45		/																LIMESTONE: (CONT) As above.					
					50		/																					
2070					40																							
					55		/																					
2075					40																							
					10																							
2080					70		/																					
	100				45																							
2085																												
					50																							
2090																												
	100				45		/										/											
2095																												
					45		/										//											
					50		/										/											
2100																												
2105																												
2110																												
2115																												
2120																												
2125																												
2130																												
2135																												
2140																												
2145																												
2150																												
2155																												
2160																												
2165																												
2170																												
2175																												
2180																												
2185																												
2190																												
2195																												
2200																												

DRILL HOLE: T-1

ASSAY DATA page: 61

FOOTAGE | RECOVERY | FORMATION | LITHOLOGY | BEDDING ANGLE | FRACTURES ANGLES | FAULTS, SHEARS, ETC. | CALCITE VEINING | QUARTZ VEINING | HORNELS | SKARN | RECRYSTALLIZATION | ALTERATION: SILICIFACATION, ARGILLATION, DOLOMITIZATION | BLEACHING | SANDING | Fe OXIDE | EPIDOTE + CHLORITE | OTHER | MINERALIZATION: PYRITE (style wms mass), MANGANESE OXIDE (style wms mass), GALENA-SPHALERITE (style wms mas) | DESCRIPTION | Au | Ag | Cu | Pb | Zn

Footage: 2105, 2110, 2115, 2120, 2125, 2130

Recovery: 100, 100

Formation: COLINA

Fracture angles: 0, 25, 45, 65, 15, 45, 50, 35, 45, 50, 50, 45

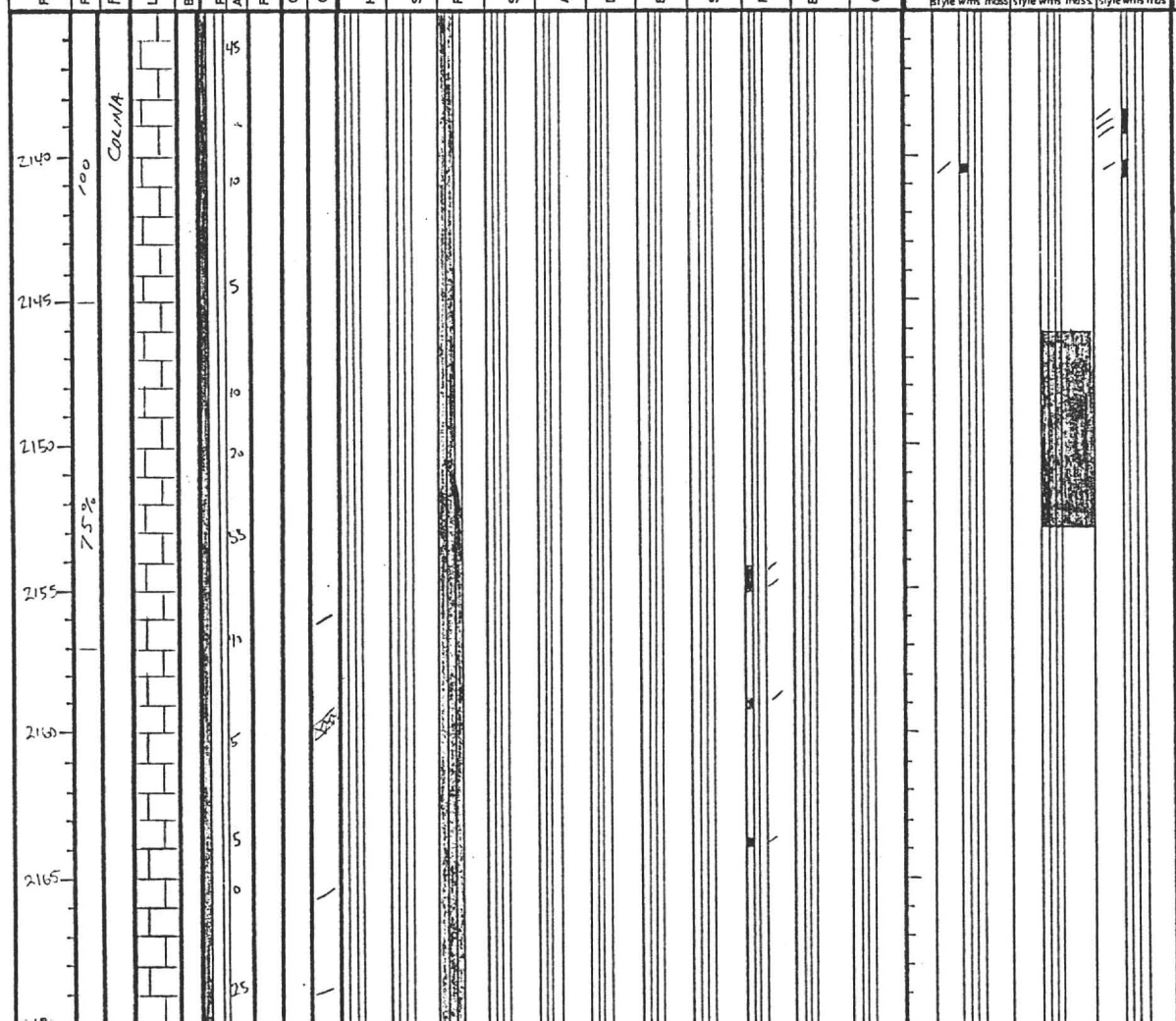
DESCRIPTION

LIMESTONE: (CONT.) As Above

No Apparent bedding

LIMESTONE is getting red in color, FeOx Staining

DRILL HOLE: T-1



DESCRIPTION

LIMESTONE. CONT. As Above, back to v. lt grey → white in color.

1/4" galena - sphalerite seam

Assoc. Malacite (?) bright tourquois-green mineral. (Probably crysocola).

M.A.P.			
↙	①	18.7 opt	Assay
	②	18.3 opt	
	③	19.2 opt	

Semi-massive → massive Manganese (?) Sooty black, some small pieces are noticably heavier than others, possibly assoc. w/ galena or argentite?. This consists of the missing or non-recoverable core (25% — 30%?). also minor calcite mixed throughout

xtls assoc. w/ massive MnOx:

Smokey brown in color.

? ← probably scholenohedral calcite 12/5/58 FS.

Qtz veins throughout. (1/4" wide → >1" wide).

ASSAY DATA page: 62

Au	Ag	Cu	Pb	Zn
<.005	<.05	10	160	60
<.005	<.05	638	1.91%	988
<.005	<.05	14	100	140
<.005	.35	982	2.22%	.21%
<.005	<.05	26	290	130
<.005	<.05	92	.15%	292

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
	100	COLINA			40																		LIMESTONE: As Above.					
	100				5																							
2175																												
					0																							
2180					5																							
	100																											
2185					15																							
					60																							
2190																												
	100																											
					45																		massive calcite Rhombs. ≃ ½" → 2" in size					
2195																												
					0																							
					5																							
2200																												
					20																							
					35																							
2205																												

ASSAY DATA page: 62

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
	1.0	COLUMA			5																		LIMESTONE: CONT. AS above.					
					25			/																				
2210																												
	1.0				30																							
2215								/																				
					45																							
					55			/																				
2220																												
					70																							
					5																							
					70																							
2225																												
					0																							
	1.0				95			/															1/16" - 1/4" seams of galena-sphalerite.					
2230					50			/																				
2235								/																				
					45																							
2240																												

ASSAY DATA page: 64

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2245	100	COLMA			0		/	/														/	LIMESTONE: (CONT.) As Above					
					45		/																					
							/															/						
2250					0																							
					0																							
					40																							
2255	100				0																							
					5																	/						
					0																							
2260	100				40																							
					0																		very fine fracture controlled mineralization 1/32" - 1/16" wide @ 0 & 90° to core					
					40																							
					0																							
					0																							
					5																							
2265					40																							
					55																							
2270					40																							
2275					40																							

page: 55

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2280	100	COLMA			0																		LIMESTONE: (CONT.) As Above					
					10																							
2285																												
					40																							
2290																												
2295	100				70																							
2300					50																	/						
					35																							
2305					50																							

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
		COLUMN			15																		LIMESTONE: (CONT.) As Above, except starting to pickup skarn, garnet formation appearing.					
2315																												
					25																							
2320																												
2325					20																							
					35																							
2330																												
2335					20																							
					55																							
2340																												
					15																							

page: 67

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
	100				45																	
2350		QL-N/A			5																	
					40																	
2355	100				5																	
					45																	
					50																	
2360					70																	
					40		X															
2365					60																	
					0																	
					10																	
2370	100				60																	
					70																	
2375																						

DESCRIPTION

LIMESTONE: (CONT.) As Above. occasional Stylolites, Cannot assertain bedding.

2-5% pyrite, <1-2% galena-sphalerite

[ASSAY]

LARGE xtls of sphalerite ≃ 1" in size. Some galena [(≃ 9% of total are sulfides)]

[2.3 opt]

ASSAY DATA page: 65

Au	Ag	Cu	Pb	Zn
<.005	.12	30	.17%	1.01%
.03	.06	29	78	198
.01	.08	20	60	58

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA (page: 69) Au	Ag	Cu	Pb	Zn
						60																		LIMESTONE: (CONT.) As Above, increasing Rextln., lacking in mineralization.					
2385	100	COLINA				50																							
2390						50																							
2395						60																		} fracture controlled galena-sphalerite (≈ 9% of total ≈ 1/8" wide					
2400	100					70																							
2405						70																							
2410						50																							
						55																							
						40																							

2525

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA (page: 70) Au	Ag	Cu	Pb	Zn
	100					90																		LIMESTONE: (CONT.) As Above.					
2420		COLINA																											
2425						90																							
	100					70																							
2430																													
2435																													
2440																								galena - sphalerite not associated w/ high angle (0°) fractures.					
						50																							
						5																							
						45																							
	100					10																							
2445						45																							
						5																							

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
						50		/															/	LIMESTONE: (CONT.) As Above. 1/16" sphalerite (amberjack, blackjack) & possible trace galena.					
2455		CULINA				50																		SHALE INTERBED.					
2460	100					50		/															/	1/16" sphalerite > galena					
2465						45																							
																								SHALE: Bedded; v. calcareous. Redish brn in color.					
2470																							/	1/2" Sphalerite > galena > pyrite.					
	100					50		/																DOLOSTONE: fine grained; v. mild skarning, epidote & chlorite alteration.					
2475						50																							
																								LIMESTONE: As Above.					
2480						45		/																					
						45		/																					
2485						50		/																					

DRILL HOLE:

ASSAY DATA — page: 72

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	FRACTURES ANGLES	CALCITE VEINING	MINERALIZATION	DESCRIPTION
~2487	100	COLINA	Limestone symbol	(Solid core)	/		LIMESTONE: (CONT.) As Above.
2490							
2495							
~2498				25		Pyrite: marked	
2500							
~2502	100			30	/ /		
~2503				15			
2505				45		Galena–Sphalerite: /	1/8"
~2507				60			
~2509				55			
2510				55	/		
~2513				50			
2515							
~2516				55			
~2518				45	/	Galena–Sphalerite: marked	Black Jack sphalerite veinlets ≥ 1/32" – 1/16" wide.

Form columns: FOOTAGE, RECOVERY, FORMATION, LITHOLOGY, BEDDING ANGLE, FRACTURES ANGLES, FAULTS, SHEARS, ETC., CALCITE VEINING, QUARTZ VEINING, HORNFELS, SKARN, RECRYSTALLIZATION, ALTERATION (SILICIFACATION, ARGILLATION, DOLOMITIZATION), BLEACHING, SANDING, Fe OXIDE, EPIDOTE + CHLORITE, OTHER, MINERALIZATION (PYRITE, MANGANESE OXIDE, GALENA-SPHALERITE; style wms mass), DESCRIPTION, ASSAY DATA (Au, Ag, Cu, Pb, Zn)

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
	100	COLUMN			55		/																LIMESTONE: (CONT.) As ABOVE.					
2525					60		/																					
	100				70		/																					
2530					40																							
	100																											
2535					55																							
					55		/																					
2540	100				60																							
					50																							
2545																												
	100				10																		dissem. galena or blackjack sphalerite <<1% (0.1 o/t Ag M.A.P.)					
2550																												
2555																												

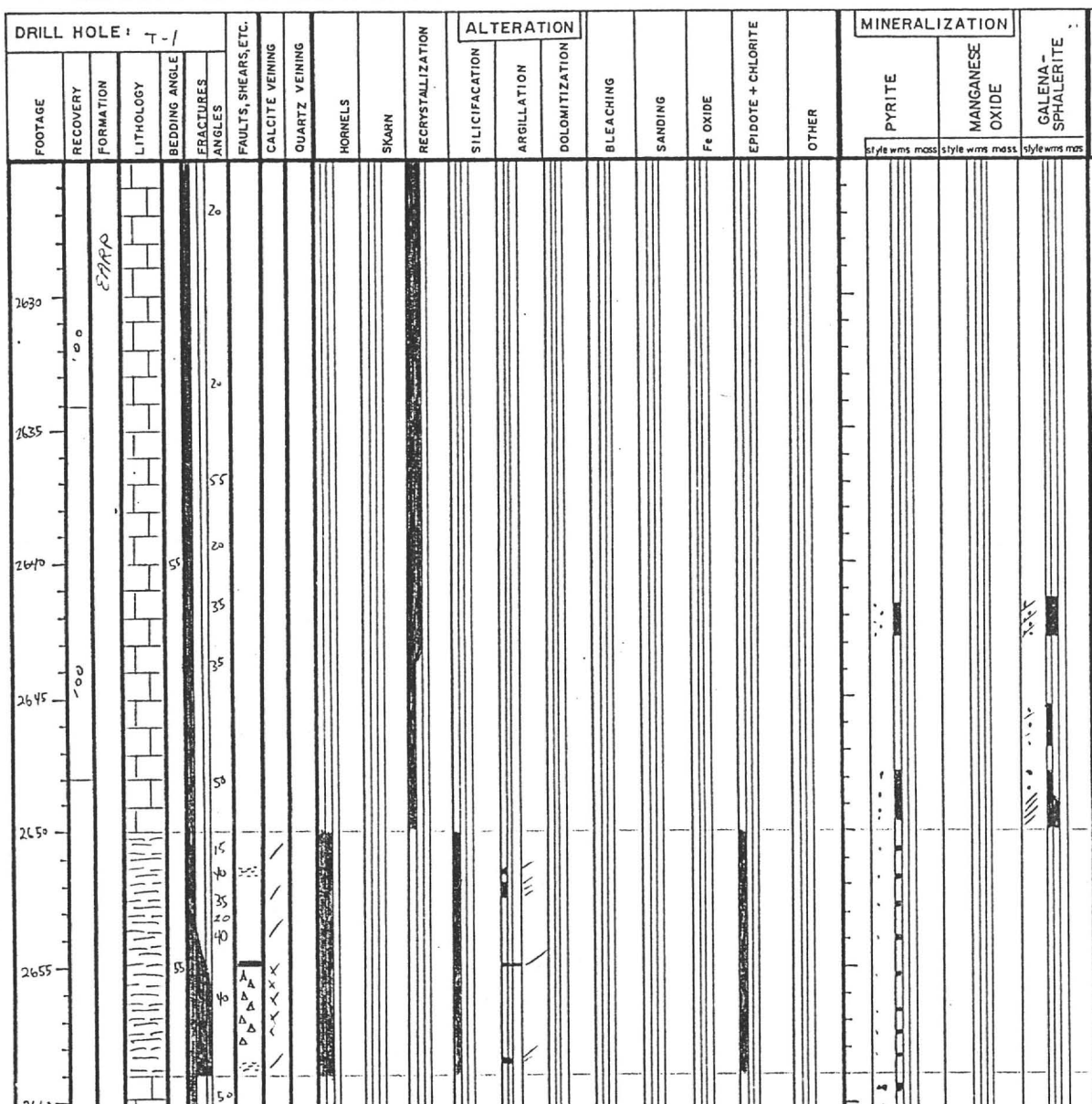
DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
					55		/																LIMESTONE: (CONT. As Above), varying amount of rextlzn, v. minor pyrite.					
	100				45																							
2560				40			/																					
2565																												
		COLINA			45																							
2570	100				10																							
					5																		[TOP OF EARP FM.]					
					30		/																SHALE: finely bedded, lt tan → lt grey in color; v. hard.; v. finely disseminated pyrite; hornfelsed, partially silicified.					
2575				75			/																					
		EARP			15		/																					
2580																												
					30		/																					
	100			75			/																					
2585					55																		LIMESTONE, As Above.					
					35																							
2590					15																							

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
						50																		LIMESTONE: (CONT.) As Above.					
2595		EARP				70																							
2600	100					55																							
2605						50																		SHALE: As Above, minor chloritization along bedding.					
				75		50																		<1% pyrite, dissem. & fracture controlled.					
2610																													
	100			75		80																							
2615																													
						45																		LIMESTONE: As Above.					
2620						0																							
						50																							
						5																		Quartz vug, Fe stained, final stage calcite (minor)					
						50																		0.3 OPT MAP galena > pyrite.					

DRILL HOLE: T-1



DESCRIPTION

LIMESTONE: (CONT.) As Above, increasing Stylolites, mineralization increasing Strongly

≃ 10-20% in places.
7.9 ~ 11.4 map: Pyrite = galena > sphalerite
Assay

< 1%

1% ≃ 10%
1.8-3.0 m A.P. Pyrite ≃ galena > amberjack &
ASSAY blackjack sphalerite

SHALE: BEDDED; dk grey in color; calcareous in part; dissem pyrite & galena,

Breccia zone: Healed with calcite.

LIMESTONE: As Above, except greatly reduced in mineralization

ASSAY DATA

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Au	Ag	Cu	Pb	Zn
ppm	ppm	ppm	ppm	ppm
ND	ND	6	38	54
ND	.24	1	18	42
ND	.49	1	16	40
0.09	0.41	2	26	41
ND	ND	1	14	19
0.01	.24	2	20	53
0.02	1.61	9	264	240
0.01	ND	26	230	182
0.01	1.92	33	320	490
0.02	32.64	% .04	% .93	% .73
0.03	37.91	% .04	% .57	% 1.79
ND	ND	13	34	75
ND	ND	5	12	32
ND	0.38	4	10	34
ND	ND	6	130	158
ND	2.43	15	340	462
0.03	8.02	% .01	% .54	% .84
0.02	3.05	32	1760	>1000
0.01	1.61	% .02	% .62	% .69
ND	.86	83	420	740

DRILL HOLE: J-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
	100	EARP			45																		LIMESTONE: (CONT.) As Above.					
					50																							
2665																												
					45																							
2670	100																											
					40																							
					0																							
2675					15																							
					50																							
					0																		SHALE: As Above, except bleached, v. weakly Silicified.					
					90																							
2680					50																							
					0																							
					15																							
					90																							
					45																		LIMESTONE: As Above, except occasional thin shale interbeds.					
2685																												
					50																							
	100																											
					50																							
2690																												
					45																							

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
																							LIMESTONE: As Above.					
2700		ESARP																					SHALE/SILTSTONE: massive (Thinly bedded in sparcely spaced intervals (3" or less)); bleached, v. weak hornfelsing; can be scratch w/ knife; v. weak occasional mineralization along fractures, v. weakly calcareous in part; unit weakly argillized					
2705	100			45	15		/																					
2710					55		/																					
2715				45																		/	black/jark sphalerite. <<1%					
2720	100				45 0 15 10 5		/																<<1%					
																							pyrite >> sphalerite ± galena remanient red bed(?) dirty in part (≃ 5").					
2725				45																			<2%.					
2732				40																								

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mass)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
						40																		SHALE/SILTSTONE (CONT.) As Above.					
						55																							
2735	100	EARP				60																		LIMESTONE: As Above, fossiliferous in part (fusilinids?)					
						70																		SHALE: v. fine grained, bedded, Lt grey → Lt green in color					
				45																									
2740						65																							
						75																		LIMESTONE: As Above, v. fossiliferous (fusilinids), some dissem. & fracture controlled sphalerite ≃ galena.					
2745																								≃2%					
	100					90																		SHALE: As Above.					
						90																							
2750				45																									
2755																								LIMESTONE: massive Lt grey → white in color, mod. rectlzd, ltly argillaceous blackjack sphalerite & v.v. finely dissem pyrite					
2760						65																							
2765																													

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DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
	100	EMRP			45																		LIMESTONE. (CONT.) As Above.					
					80																							
2770																												
2775					80																							
	100				35																							
2780																												
					15																							
					15																							
2785					0		/											PLATY					DOLOSTONE: massive, strongly pyritic, argillaceous in part, cut by numerous vertical structures, Fe stained along vertical fractures, Lt green in color overall; Sharp contact top & bottom of unit. possible graphite on slickensides near upper contact (see under "other")					
					5		/										/											
					0		/																					
					10																		≈ 15-20% pyrite					
2790					5		/																					
					15		/																					
					0		/																					
	100				0																							
					5		/																					
2795					15		/																LIMESTONE: As Above					
					45																							

ASSAY DATA page: 80

DRILL HOLE: T-1

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFICATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
					35		/																LIMESTONE: (CONT.) As Above.					
					10		/																					
2805		EMRP																				/	galena > sphalerite.					
					0																		SHALE: As Above, except calcareous in part., green in color					
					5																							
	100				14		/													/								
					10		/ /																					
2810																												
					10		/													/								
					5		/													/								
					20																							
					30																		Granodiorite (Scheffelin?) "Dike-like" intrusion rust in color (decomposing pyrite, biotite & hornblend), Fspars alt. to kaolin					
					60																							
2815					90																							
					10																							
					20		/																SHALE: As Above.					
					35																							
					15		/																					
2820					45																							
					45																							
					20		/																					
					90																							
	100				35		/																					
2825					10																		Granodiorite (As Above) Kspars alt. to Kaolinite					
					35																		(M.A.P. 1.1 opt Ag)					
					10																							
					45																							
					60																							
2830					55																							
					10																							
					30																							
					15																		T.D 2834': hole lost due to cave @ 1800'- bit & core barrel left in bottom of hole					

SANTA FE MINING
DOH T-2

DRILL ELEMENT ------>				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na
SAMPLE	HOLE	FROM	TO	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%
29878	T-1	2645.0	2646.0	1	8	6	30	0.38	4	2	1139	0.53	3	5	ND	1	676	1	2	2	7	31.91	0.001	8	11	2.35	11	0.01	3	0.65	0.01
29879	T-1	2646.0	2647.0	1	11	145	170	ND	3	1	1526	0.38	4	5	ND	1	925	1	2	2	9	28.47	0.021	10	11	2.71	2	0.01	2	0.57	0.01
29880	T-1	2647.0	2648.0	1	20	335	318	2243.0	2	1	1620	0.37	2	5	ND	1	1104	2	2	2	6	28.86	0.016	10	10	1.87	10	0.02	2	0.44	0.01
29881	T-1	2648.0	2649.0	1	81	5868	7620	8.02	5	6	3744	0.74	11	5	0.03	1	741	39	2	2	8	27.41	0.016	7	12	1.87	34	0.02	2	0.56	0.01
29882	T-1	2649.0	2650.0	1	45	2238	2428	3.05	11	3	4549	0.99	5	5	0.02	1	386	14	2	2	17	21.20	0.015	8	23	1.69	54	0.03	2	0.93	0.01
29883	T-1	2650.0	2651.0	1	174	5172	5133	1.61	12	4	4103	1.11	9	5	0.01	1	288	29	2	2	16	13.87	0.003	7	23	4.53	50	0.04	2	1.69	0.01
29884	T-1	2651.0	2652.0	3	116	506	744	0.86	25	8	2513	2.14	5	5	ND	4	133	5	2	2	28	8.10	0.029	9	32	4.33	65	0.13	10	1.89	0.01
29222	T-2	1564.0	1565.0	1	6	5	32	0.93	13	4	846	1.41	2	5	ND	5	83	1	2	2	20	7.41	0.022	17	31	2.23	127	0.06	4	2.05	0.01
29223	T-2	1565.0	1566.0	1	7	11	40	ND	17	6	1019	1.51	6	5	ND	5	74	1	2	2	21	5.68	0.023	16	32	2.43	147	0.06	3	2.10	0.01
29224	T-2	1566.0	1567.0	1	13	26	64	1.92	22	6	855	1.75	7	5	0.01	6	64	1	2	2	28	7.06	0.026	20	40	3.08	82	0.07	2	2.43	0.01
29225	T-2	1567.0	1568.0	1	9	3	33	0.48	12	5	1035	1.24	10	5	0.01	6	88	1	2	3	28	10.36	0.025	27	32	2.88	93	0.02	3	1.71	0.01
29226	T-2	1568.0	1569.0	1	13	7	45	ND	15	4	581	1.46	5	5	ND	5	62	1	2	2	18	4.36	0.023	14	31	2.15	76	0.03	2	1.99	0.01
29227	T-2	1569.0	1570.0	1	18	10	33	ND	15	4	899	1.40	3	5	ND	4	72	1	2	2	16	8.00	0.022	17	32	1.92	82	0.02	3	1.68	0.01
29228	T-2	1570.0	1571.0	1	16	8	29	ND	13	3	695	1.22	5	5	ND	5	74	1	2	2	18	8.09	0.023	17	31	1.86	55	0.02	2	1.89	0.01
29229	T-2	1571.0	1572.0	1	19	6	26	ND	8	2	2119	1.15	7	5	ND	1	130	1	2	2	25	22.68	0.013	18	19	1.33	130	0.02	4	1.41	0.01
29230	T-2	1572.0	1573.0	3	4	40	35	ND	4	2	2833	0.90	8	5	ND	1	1995	1	2	2	9	33.89	0.018	17	11	1.15	1886	0.01	3	0.68	0.01
29231	T-2	1707.0	1708.0	4	10290	17651	26291	25.54	5	11	1046	1.69	23	5	ND	4	202	167	6	2	11	2.26	0.022	2	14	11.09	5	0.03	5	1.53	0.02
29232	T-2	1708.0	1709.0	1	53	671	552	0.93	4	1	621	0.28	44	5	ND	1	138	4	5	2	5	18.87	0.005	5	7	3.51	18	0.02	60	0.47	0.01
29233	T-2	1709.0	1710.0	3	9580	24738	12714	24.86	5	6	2617	1.36	36	5	0.02	1	101	79	13	2	4	12.04	0.007	4	4	3.85	2	0.01	7	0.29	0.01
29234	T-2	1710.0	1711.0	3	7922	33488	29796	45.39	4	16	3545	1.80	37	5	0.09	1	48	191	32	2	2	9.11	0.021	3	7	0.87	22	0.01	2	0.07	0.01
29235	T-2	1711.0	1712.5	1	10400	11922	8413	17.90	5	6	3879	1.90	46	5	0.01	1	118	51	5	2	6	8.16	0.007	5	7	5.50	63	0.02	4	0.62	0.01
29236	T-2	1736.5	1738.0	1	15	31	41	1.54	1	1	838	0.16	9	5	ND	1	160	1	2	2	7	21.62	0.012	4	8	2.29	7	0.01	7	0.41	0.01
29237	T-2	2148.0	2148.2	3	1626	23467	14731	21.09	13	4	2711	1.07	10	5	0.01	1	184	83	27	2	19	15.35	0.006	2	17	0.51	11	0.03	2	0.68	0.01
29238	T-2	2148.2	2149.0	1	11	40	31	ND	1	1	333	0.18	9	5	0.01	1	275	1	2	2	4	34.61	0.005	3	2	0.07	8	0.01	10	0.15	0.01
29239	T-2	2149.0	2150.0	1	31	65	63	0.86	2	1	581	0.20	7	5	ND	1	262	1	5	2	6	32.31	0.005	4	4	0.06	23	0.01	11	0.25	0.01
29240	T-2	2150.0	2151.0	1	79	927	678	2.16	3	2	785	0.32	10	5	0.02	1	241	5	6	2	11	29.66	0.008	5	9	0.14	14	0.02	12	0.31	0.01
29241	T-2	2365.5	2366.7	1	45	111	185	4.29	2	1	279	0.20	8	5	0.01	1	505	1	2	3	5	31.51	0.003	3	6	0.19	4	0.01	9	0.29	0.01
29261	T-2	2366.7	2367.0	88	21646	27486	49379	64.42	8	6	1647	4.56	9	5	0.03	1	102	300	65	2	4	13.62	0.001	2	12	0.49	1	0.02	8	0.26	0.01
29242	T-2	2367.0	2368.0	1	25	75	27	2.64	5	1	216	0.14	6	5	0.01	1	468	1	2	2	3	33.22	0.003	3	5	0.17	6	0.01	6	0.24	0.01
29243	T-2	2540.5	2540.8	1	171	15872	1922	12.75	6	1	301	0.23	5	5	0.02	1	371	12	17	2	3	38.02	0.002	2	4	0.37	13	0.01	6	0.28	0.01
29244	T-2	2541.0	2542.0	1	22	783	78	5.52	4	1	200	0.30	11	5	ND	1	367	1	4	3	4	33.75	0.003	3	6	0.38	15	0.02	20	0.54	0.01
29245	T-2	2542.0	2543.0	1	5	3136	47	10.77	2	1	206	0.12	8	5	0.01	1	361	1	6	2	2	33.67	0.004	4	3	0.03	2	0.01	7	0.18	0.01
29246	T-2	2543.0	2543.8	2	8	117	45	2.91	3	2	212	0.10	5	5	0.03	1	391	1	2	2	3	33.17	0.005	7	4	0.04	2	0.02	12	0.24	0.01
29247	T-2	2557.0	2558.0	3	69	296	297	ND	21	6	724	1.09	15	5	0.02	2	826	2	7	2	10	16.43	0.037	13	18	1.64	39	0.06	30	1.69	0.01
29248	T-2	2558.0	2559.0	1	199	1642	1577	1.30	14	8	1355	1.26	17	5	ND	1	1020	10	5	2	13	17.54	0.021	10	14	4.10	143	0.05	24	1.42	0.01
29249	T-2	2559.0	2560.5	3	89	92	160	ND	38	12	1118	1.34	13	5	ND	2	1056	1	2	2	18	8.37	0.020	6	23	3.12	120	0.08	16	2.10	0.01
29411	T-2	2624.5	2626.0	4	65	60	56	ND	31	9	411	2.55	8	5	0.01	5	329	1	2	2	28	3.04	0.020	9	40	3.12	68	0.11	16	3.03	0.05
29250	T-2	2626.0	2627.5	3	33	55	83	3.12	32	6	250	2.06	10	5	0.02	5	514	1	2	2	29	3.04	0.047	13	43	2.29	63	0.16	37	4.43	0.05
29251	T-2	2801.5	2802.5	1	518	21353	42194	94.01	6	66	4981	0.90	17	5	ND	1	99	199	8	150	2	17.40	0.020	5	5	0.06	1	0.01	5	0.41	0.01
29252	T-2	2890.5	2891.0	2	524	365	425	41.92	10	4	464	1.05	8	5	0.17	6	529	3	5	5	8	10.63	0.020	11	18	0.09	33	0.07	10	0.68	0.01
29253	T-2	2891.0	2891.5	5	4242	17418	40474	462.72	47	13	423	6.63	132	5	1.09	5	446	305	130	5	8	1.65	0.033	7	25	0.14	10	0.03	5	1.06	0.04
29254	T-2	2891.5	2892.5	4	66	68	46	3.46	44	11	113	2.65	8	5	0.04	6	462	2	2	4	33	2.85	0.055	13	52	0.77	34	0.17	22	4.45	0.12
29255	T-2	2968.3	2969.0	4	41	286	360	0.65	11	1	567	1.09	3	5	0.02	7	42	2	2	2	9	7.25	0.044	11	25	0.08	1	0.05	15	0.91	0.01
29256	T-2	2969.0	2970.3	1	1505	15670	931	39.50	7	4	3072	1.61	12	5	0.03	1	74	7	4	50	5	20.75	0.013	4	8	0.15	3	0.01	10	0.25	0.01

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SAMPLE	K %	W PPM	As PPM	Sb PPM	Bi PPM	Ge PPM	Se PPM	Te PPM	F PPM
29878	0.04	2	1.70	2.2	0.1	0.2	0.2	0.3	810
29879	0.01	1	2.20	0.5	0.1	0.2	0.2	0.4	1120
29880	0.01	1	2.00	0.5	0.1	0.2	0.3	0.6	980
29881	0.01	1	3.80	3.4	0.2	0.2	8.8	8.5	1130
29882	0.57	1	4.50	2.0	0.3	0.2	3.6	4.4	3840
29883	1.16	1	3.80	2.8	0.2	0.2	7.4	5.7	9450
29884	0.98	1	5.20	2.2	0.1	0.2	0.7	2.3	5300
29222	0.44	1	3.10	1.3	0.2	0.5	0.3	0.3	1090
29223	0.38	2	3.90	1.6	0.2	0.9	0.2	0.3	1060
29224	0.43	1	4.10	1.0	0.1	0.6	0.3	0.3	1360
29225	0.2	4	7.30	1.0	0.1	0.5	0.2	0.3	980
29226	0.24	3	4.40	1.0	0.2	0.8	0.2	0.3	1120
29227	0.18	2	4.10	0.8	0.2	0.6	0.2	0.3	1750
29228	0.23	2	2.50	0.6	0.1	0.4	0.2	0.3	1420
29229	0.16	2	3.30	1.0	0.2	0.7	0.2	0.3	3210
29230	0.05	3	3.70	2.0	0.1	0.9	0.3	0.3	600
29231	0.02	2	17.80	7.0	0.2	0.8	2.2	1.1	1380
29232	0.19	1	44.20	4.5	0.1	0.7	3.2	1.1	4310
29233	0.06	1	29.40	12.0	0.1	1.8	3.2	1.4	2780
29234	0.02	1	38.80	32.0	0.1	1.4	4.3	1.9	2790
29235	0.02	1	39.90	0.7	0.2	1.4	1.4	0.9	2200
29236	0.03	2	5.80	0.4	0.1	0.5	0.2	0.3	1650
29237	0.03	1	6.70	27.4	1.1	0.8	39.4	2.7	1790
29238	0.06	1	3.80	2.4	0.2	1.2	0.2	0.3	880
29239	0.03	1	6.80	4.9	0.1	0.9	0.4	0.3	800
29240	0.02	1	8.40	7.2	0.1	0.7	2.0	1.6	950
29241	0.01	2	5.10	4.1	0.2	0.8	0.4	0.3	870
29261	0.02	67	8.00	86.7	1.0	1.5	91.7	24.6	810
29242	0.01	1	4.90	3.2	0.2	0.8	0.2	0.3	700
29243	0.18	1	2.60	11.8	0.3	1.2	21.3	6.4	810
29244	0.18	2	10.60	6.1	0.2	1.1	3.7	0.9	940
29245	0.01	4	6.30	7.2	0.4	1.3	13.4	3.9	310
29246	0.01	3	4.40	3.0	0.2	0.9	0.5	0.3	490
29247	0.23	1	17.50	8.8	0.2	1.2	3.6	1.4	2000
29248	0.41	1	14.20	4.7	0.3	1.1	15.9	4.5	2780
29249	0.7	1	10.80	2.9	0.1	0.9	3.1	0.6	3050
29411	0.82	1	7.60	2.1	0.5	0.6	2.8	0.5	2700
29250	0.85	1	7.60	1.4	0.8	0.8	0.6	0.3	2900
29251	0.02	7	12.90	7.3	151.9	0.2	202.7	2.4	200
29252	0.14	1	10.10	6.2	4.0	0.2	3.9	7.0	650
29253	0.12	1	121.80	136.6	3.4	0.7	3.4	4.6	1540
29254	0.37	3	10.60	1.6	1.6	0.8	3.3	1.0	3300
29255	0.03	2	5.30	1.9	0.8	0.4	1.5	0.3	1500
29256	0.01	15	9.20	3.0	61.7	0.2	43.2	1.7	340

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SAMPLE	HOLE	FROM	TO	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %
29235	T-	768.3	2969.0	4		286	360	0.65	11	1	367	1.09	[illegible]	5	0.02	7	42	2	2	2	9	7.20	0.044	11	25	[illegible]	1	0.05	15	0.71	0.01
29256	T-2	2969.0	2970.3	1	1505	15670	931	39.50	7	4	3072	1.61	12	5	0.03	1	74	7	4	58	5	20.75	0.013	4	8	0.15	3	0.01	10	0.25	0.01
29257	T-2	2970.3	2971.0	4	13	178	85	ND	1	1	6529	0.43	5	5	0.02	1	39	1	2	2	4	25.54	0.007	7	6	0.04	5	0.01	10	0.16	0.01
29258	T-2	2999.5	3001.0	5	38	423	693	ND	6	2	933	0.97	6	5	0.01	6	65	5	2	2	11	12.52	0.032	12	19	0.08	5	0.06	5	0.99	0.02
29259	T-2	3001.0	3001.3	18	929	8504	16197	7.34	14	16	1511	1.23	7	5	0.01	4	53	84	3	2	11	12.29	0.031	7	19	0.49	1	0.06	5	0.73	0.01
29260	T-2	3001.5	3002.5	4	63	352	300	5.18	7	1	595	1.03	3	5	0.02	3	116	2	2	2	18	15.68	0.028	10	21	0.07	7	0.08	11	2.04	0.05
29470	T-3	140.0	141.0	3	20	171	342	ND	2	2	4217	0.97	9	5	ND	1	137	3	2	2	2	20.66	0.009	10	15	0.18	11	0.06	12	0.29	0.02
29471	T-3	141.0	142.0	4	21	60	160	ND	8	4	3456	1.68	22	5	ND	2	103	1	2	2	8	17.80	0.016	11	20	0.40	15	0.03	32	0.78	0.01
29472	T-3	142.0	143.0	4	38	87	202	ND	8	2	3876	1.37	9	5	ND	2	94	2	2	2	2	15.39	0.012	6	25	0.06	8	0.06	105	0.16	0.03
29473	T-3	143.0	144.0	2	18	95	275	ND	5	1	3409	0.78	6	5	ND	1	127	2	2	2	2	21.09	0.010	9	13	0.24	43	0.05	14	0.29	0.02
29474	T-3	144.0	145.0	3	23	66	222	ND	4	2	4751	0.99	24	5	ND	1	119	2	2	2	3	19.08	0.012	9	16	0.22	7	0.05	77	0.34	0.02
29475	T-3	145.0	146.0	4	21	14	70	ND	5	2	3640	1.96	32	5	ND	7	58	1	2	2	8	7.09	0.013	19	16	0.68	15	0.04	11	0.99	0.01
29476	T-3	146.0	147.0	5	18	11	53	ND	3	2	3738	1.64	35	5	ND	2	89	1	2	2	7	17.58	0.010	17	12	0.41	13	0.01	7	0.59	0.01
29477	T-3	147.0	148.0	4	32	50	208	ND	10	2	5330	1.92	23	5	ND	6	58	2	2	2	8	6.91	0.015	15	24	0.80	2	0.05	6	0.72	0.01
29478	T-3	148.0	149.0	4	29	2	30	ND	10	2	1882	1.94	27	5	ND	11	29	1	2	2	10	2.17	0.013	16	24	0.54	20	0.06	7	0.85	0.01
29479	T-3	174.0	175.0	2	27	82	401	5.66	6	2	1680	1.63	35	5	ND	6	126	2	2	2	15	14.43	0.039	18	12	0.46	60	0.07	7	1.17	0.04
29480	T-3	175.0	176.0	4	35	54	246	4.97	8	2	1569	2.19	12	5	ND	9	63	1	2	2	10	6.04	0.033	9	23	1.29	38	0.09	2	0.99	0.05
29481	T-3	176.0	177.0	3	50	55	339	4.97	4	1	4896	1.51	62	5	ND	1	103	4	13	2	9	21.13	0.027	13	13	1.26	36	0.04	34	0.30	0.02
29482	T-3	177.0	178.0	1	24	71	243	0.33	3	1	2920	0.86	32	5	0.24	1	112	3	3	2	7	20.69	0.023	14	8	1.79	24	0.04	25	0.42	0.01
29483	T-3	178.0	179.0	4	48	102	373	6.75	5	5	3020	2.25	136	5	0.10	3	52	3	14	2	16	12.10	0.029	11	18	0.41	19	0.01	7	0.38	0.01
29484	T-3	179.0	180.0	2	42	60	414	7.86	3	2	5463	1.56	99	5	0.03	1	111	4	27	2	13	28.50	0.021	17	8	0.33	27	0.02	3	0.28	0.01
29485	T-3	180.0	181.0	3	40	158	371	1.89	4	2	1920	1.98	130	5	0.08	7	60	3	18	2	25	14.50	0.057	22	12	0.14	20	0.01	25	0.36	0.01
29486	T-3	181.0	182.0	2	83	273	377	3.70	2	3	1916	2.07	126	5	0.10	1	62	5	31	2	22	19.64	0.022	12	11	0.08	11	0.01	14	0.19	0.01
29487	T-3	182.0	183.0	2	42	159	535	13.82	9	5	2015	3.45	237	5	0.23	9	62	3	22	2	60	10.26	0.093	22	15	0.54	37	0.06	25	0.84	0.01
29488	T-3	183.0	184.0	3	49	134	472	9.53	11	5	1883	2.71	176	5	0.07	10	49	3	14	2	44	7.96	0.093	21	19	0.44	31	0.03	21	0.67	0.01
32667	T-4	1219.0	1220.0	67	763	3978	3920	162.45	2	1	14441	1.34	142	5	0.14	1	253	87	240	2	16	17.46	0.004	12	13	1.85	50	0.01	4	0.19	0.01
32668	T-4	1220.0	1221.0	11	110	973	982	75.36	6	1	3837	0.80	38	5	0.01	1	82	16	31	2	13	10.59	0.006	4	15	0.99	34	0.01	8	0.29	0.01
32669	T-4	1221.0	1222.0	24	98	536	1215	5.82	12	2	3420	1.36	64	5	0.01	1	82	9	34	2	18	7.33	0.010	4	22	1.91	78	0.01	10	0.66	0.01
32670	T-4	1222.0	1223.0	16	74	618	1248	49.99	9	4	1933	2.11	100	5	0.07	2	47	6	81	3	27	2.50	0.019	3	26	2.62	22	0.01	5	0.01	0.01
32671	T-4	1321.0	1322.0	27	3298	17702	11441	5.45	3	1	9853	5.20	511	5	0.03	1	64	53	344	4	570	26.30	0.005	4	9	0.37	6	0.01	6	0.27	0.01
32672	T-4	1322.0	1323.0	4	246	1819	1284	16.90	1	1	12290	0.33	41	5	0.03	1	286	40	41	2	3	34.94	0.001	3	1	0.78	47	0.01	3	0.03	0.01
32673	T-4	1323.0	1324.0	3	50	813	432	7.30	1	1	6354	0.08	19	5	0.01	1	217	6	11	3	2	33.72	0.001	2	2	1.10	18	0.01	2	0.03	0.01
32674	T-4	1324.0	1325.0	2	176	1964	2330	9.36	1	1	9840	0.15	54	5	0.02	1	182	51	58	2	2	35.42	0.001	2	2	1.02	5	0.01	2	0.06	0.01
32675	T-4	1325.0	1326.0	7	858	11080	12909	1107.2	1	1	41694	0.98	344	5	0.14	1	236	143	259	3	1	29.75	0.001	2	2	0.48	49	0.01	6	0.05	0.01
32676	T-4	1326.0	1327.0	2	16	133	420	6.51	1	1	1415	0.04	15	5	ND	1	162	3	8	2	1	37.04	0.001	2	1	0.64	3	0.01	2	0.02	0.01
32677	T-4	1468.5	1469.5	1951	112	19200	1130	13.23	1	1	7238	1.24	1401	5	0.07	1	176	34	136	2	24	34.45	0.006	4	5	0.26	1	0.01	2	0.08	0.01
32678	T-4	1469.5	1470.5	414	184	23066	1783	97.24	5	2	9143	1.56	254	6	0.07	1	185	56	161	2	19	29.49	0.008	5	12	0.21	2	0.01	4	0.13	0.01
32679	T-4	1470.5	1471.5	14	96	6570	1099	2.98	2	1	7757	0.70	42	5	0.03	1	189	21	20	2	11	32.78	0.005	4	6	0.25	6	0.01	3	0.16	0.01
32680	T-4	1636.0	1637.0	6	5	397	276	1.40	1	1	3626	0.13	10	5	ND	1	245	3	2	2	4	33.69	0.025	2	4	0.83	18	0.01	3	0.11	0.01
32681	T-4	1637.0	1638.0	6	6	904	549	1.34	1	1	8399	0.34	10	5	ND	1	302	2	2	3	5	31.67	0.017	5	3	0.54	18	0.01	5	0.18	0.01
32682	T-4	1638.0	1639.0	6	7	2280	899	5.93	2	1	11261	0.64	17	5	0.01	1	279	5	2	2	13	27.46	0.013	6	6	0.60	40	0.01	2	0.52	0.01
32683	T-4	1639.0	1640.0	5	4	175	115	3.35	1	1	1318	0.06	6	5	0.01	1	275	1	2	2	2	38.76	0.003	2	4	0.16	8	0.01	2	0.07	0.01
32684	T-4	1653.1	1654.1	16	49	313	302	1.65	3	1	3166	0.22	22	5	0.03	1	205	4	17	2	4	33.01	0.005	2	5	1.92	156	0.01	4	0.11	0.01
32685	T-4	1715.0	1716.0	2	4	25	60	1.58	1	1	285	0.16	4	5	0.07	1	207	1	2	2	4	34.49	0.001	2	4	2.37	12	0.01	6	0.13	0.01
32686	T-4	1739.5	1740.5	4	11	1426	654	2.47	1	1	11888	0.44	24	5	ND	1	402	10	17	2	6	36.16	0.004	3	5	0.23	184	0.01	2	0.15	0.01

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SAMPLE	K %	W PPM	As PPM	Sb PPM	Bi PPM	Ge PPM	Se PPM	Te PPM	F PPM
29257	0.01	1	6.90	2.5	0.8	0.2	0.2	0.3	240
29258	0.05	1	5.20	1.5	0.5	0.2	0.4	0.3	930
29259	0.04	4	5.00	5.0	3.2	0.5	6.4	3.6	1630
29260	0.05	1	4.80	1.3	0.3	0.2	0.2	0.4	1030
29470	0.03	1	8.10	2.5	0.2	0.2	0.2	0.3	710
29471	0.07	1	20.10	2.2	0.2	0.2	0.2	0.3	1030
29472	0.01	1	7.30	2.9	0.1	0.2	0.2	0.3	400
29473	0.01	1	6.40	2.2	0.1	0.2	0.2	0.3	310
29474	0.01	1	21.20	3.8	0.2	0.2	0.2	0.3	370
29475	0.21	1	31.20	2.5	0.2	0.2	0.2	0.4	820
29476	0.11	1	31.90	3.4	0.1	0.2	0.2	0.3	600
29477	0.13	1	20.20	1.8	0.2	0.2	0.2	0.4	720
29478	0.22	2	23.40	2.0	0.2	0.2	0.2	0.3	780
29479	0.19	1	33.50	5.0	0.2	0.2	0.2	0.4	1000
29480	0.25	1	11.90	2.5	0.2	0.2	0.2	0.3	790
29481	0.05	1	51.40	16.3	0.2	0.2	0.2	0.5	520
29482	0.06	1	28.40	9.1	0.1	0.2	0.2	0.3	670
29483	0.1	1	119.20	16.1	0.1	0.2	0.2	0.7	960
29484	0.03	1	88.80	27.6	0.1	0.2	0.2	0.8	580
29485	0.19	1	115.10	19.4	0.1	0.2	0.2	0.8	950
29486	0.1	1	112.30	31.8	0.1	0.2	0.2	1.3	510
29487	0.2	1	204.00	24.1	0.2	0.2	0.2	7.6	1160
29488	0.17	1	154.10	16.9	0.2	0.2	0.2	0.6	1020
32667	0.13	1	114.40	205.0	0.1	0.2	0.8	1.6	770
32668	0.06	1	36.60	51.2	0.1	0.2	0.3	2.1	1080
32669	0.35	1	60.00	27.6	0.1	0.2	0.3	2.6	3020
32670	0.42	1	99.00	66.4	0.1	0.2	1.0	1.9	6860
32671	0.05	65	400.40	321.8	1.1	0.7	0.9	4.4	660
32672	0.05	1	33.50	46.3	0.1	0.8	0.4	2.5	170
32673	0.03	2	23.60	11.8	0.1	0.2	0.4	1.2	100
32674	0.03	1	65.00	63.1	0.1	0.2	0.5	5.2	270
32675	0.06	1	388.20	241.9	0.5	0.2	1.1	2.4	170
32676	0.02	1	19.80	9.7	0.1	0.5	0.2	1.9	220
32677	0.04	264	1797.0	158.3	0.2	0.4	0.6	2.1	300
32678	0.06	108	254.90	167.6	0.2	0.2	5.5	2.0	690
32679	0.05	21	51.40	39.7	0.1	0.5	0.7	2.0	600
32680	0.03	3	6.00	3.4	0.1	0.4	0.2	0.3	550
32681	0.05	1	9.60	1.8	0.1	0.5	0.2	0.4	360
32682	0.17	1	16.90	4.5	0.1	0.2	0.7	0.9	630
32683	0.03	1	5.00	1.0	0.1	0.6	0.2	0.3	80
32684	0.03	22	25.80	18.1	0.1	0.4	0.4	0.6	320
32685	0.02	2	3.80	2.0	0.1	0.7	0.2	0.3	300
32686	0.04	94	29.50	20.9	0.1	0.7	0.2	0.6	230

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DESCRIPTIVE STATS

SAMPLE	DRILL ELEMENT ------> HOLE	FROM	TO	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %
ALL SAMPLES																															
COUNT		217	216	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226
AVERAGE				15.4	458.4	2435.8	2730.8	31.955	9.3	3.9	3943.9	1.542	41.0	5.1	0.078	2.2	292.6	24.0	15.1	3.2	12.6	19.313	0.0252	9.2	16.2	1.1	35.5	0.029	17.4	0.618	0.012
ST.DEV.				132.6	1951.2	5420.6	7164.4	164.86	9.1	6.8	5812.4	2.424	107.6	0.6	0.433	2.0	632.3	60.9	40.2	11.0	38.2	10.711	0.0261	7.7	13.5	1.4	130.2	0.028	53.7	0.786	0.011
MIN.		140.0	141.0	1	1	2	14	0	1	1	113	0.04	2	5	0	1	12	1	2	2	1	0.46	0.001	2	1	0.01	1	0.01	2	0.02	0.01
MAX.		3001.5	3002.5	1951	21646	33438	54880	2843	50	66	41694	17.5	1401	14	4.02	11	6286	535	344	158	570	39.86	0.181	72	151	11.09	1886	0.17	650	4.45	0.12
DRILL HOLE T-1																															
COUNT		46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46
AVERAGE				2.6	78.7	1430.0	2642.9	56.783	10.8	5.5	3344.8	2.557	38.0	5.0	0.075	2.2	693.3	24.2	11.6	2.2	10.3	20.083	0.013	12.4	13.4	1.9	47.4	0.020	6.1	0.531	0.010
ST.DEV.				2.8	146.6	3761.4	8331.7	297.84	9.8	9.7	2929.5	4.461	56.0	0.0	0.156	2.2	1225.9	80.7	27.3	0.6	7.5	11.339	0.011	13.3	8.9	1.7	61.2	0.018	4.5	0.403	
MIN.		1307.5	1308	1	1	2	14	0	1	1	137	0.17	2	5	0	1	12	1	2	2	1	1.14	0.001	2	2	0.04	1	0.01	2	0.07	0.01
MAX.		2651	2652	17	826	22659	54880	2843	42	52	18254	17.5	298	5	0.86	9	6286	535	169	5	28	39.86	0.038	72	36	6.25	348	0.1	21	1.89	0.01
DRILL HOLE T-2																															
COUNT		41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
AVERAGE				4.6	1717.8	5547.8	6880.7	22.188	11.7	6.3	1299.9	1.296	15.1	5.0	0.042	2.0	325.5	37.4	10.2	7.4	11.5	16.650	0.018	8.0	17.4	1.6	83.6	0.039	10.7	1.186	0.017
ST.DEV.				13.5	4250.0	9338.7	12727	72.426	11.5	10.3	1362.5	1.202	24.0	0.0	0.168	2.1	421.2	78.6	23.5	25.3	8.3	11.060	0.014	6.1	12.0	2.0	208.4	0.038	11.0	1.116	0.020
MIN.		1564	1565	1	4	3	26	0	1	1	113	0.1	2	5	0	1	39	1	2	2	2	1.65	0.001	2	2	0.03	1	0.01	2	0.07	0.01
MAX.		3001.5	3002.5	88	21646	33438	49379	462.72	47	66	6529	6.63	152	5	1.09	7	1995	306	130	158	33	39.02	0.055	27	52	11.09	1886	0.17	60	4.45	0.12
DRILL HOLE T-3																															
COUNT		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
AVERAGE				3.1	34.7	89.7	280.7	3.130	5.8	2.5	3241.1	1.761	64.8	5.0	0.045	4.3	84.9	2.4	8.6	2.0	14.3	14.980	0.029	14.3	16.0	0.5	23.0	0.042	22.8	0.558	0.017
ST.DEV.				1.0	15.5	64.2	137.2	3.985	2.8	1.3	1261.5	0.637	64.6	0.0	0.074	3.5	31.3	1.1	9.4	0.0	14.5	6.610	0.025	4.7	5.2	0.4	14.3	0.022	25.6	0.321	0.011
MIN.		140	141	1	18	2	30	0	2	1	1569	0.79	6	5	0	1	29	1	2	2	2	2.17	0.009	6	8	0.06	2	0.01	2	0.16	0.01
MAX.		183	184	5	83	273	535	13.82	11	5	5463	3.45	237	5	0.24	11	137	5	31	2	60	28.58	0.093	22	25	1.79	60	0.09	105	1.17	0.05
DRILL HOLE T-4																															
COUNT		42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
AVERAGE				74.9	333.4	4385.5	2916.6	45.844	8.4	2.7	5220.8	1.101	95.9	5.0	0.055	1.2	252.8	45.9	38.9	2.4	26.6	25.584	0.015	6.0	13.4	1.1	29.8	0.018	6.1	0.525	0.010
ST.DEV.				300.5	713.7	5651.4	3552.4	168.77	8.3	2.5	6936.1	0.941	224.6	0.2	0.062	0.7	245.6	71.0	75.7	1.6	65.5	18.137	0.017	4.2	10.2	0.8	40.4	0.020	7.3	0.599	
MIN.		1219	1220	1	4	25	60	0	1	1	285	0.04	4	5	0	1	47	1	2	2	1	2.5	0.001	2	1	0.1	1	0.01	2	0.02	0.01
MAX.		2932	2933	1951	3298	23066	14196	1187.2	29	13	41694	5.2	1401	6	0.27	4	1252	427	344	12	570	38.76	0.081	18	33	3.19	184	0.1	42	2.61	0.01
DRILL HOLE T-5																															
COUNT		69	68	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69
AVERAGE				2.4	147.8	975.2	1581.1	23.992	8.0	2.2	5889.6	1.826	17.6	5.2	0.141	1.8	117.2	10.0	9.5	2.5	6.9	20.088	0.043	8.3	19.4	0.7	8.4	0.035	36.1	0.420	0.011
ST.DEV.				1.8	363.5	1583.1	2697.5	91.916	8.1	2.6	7966.3	1.718	17.0	1.1	0.591	1.3	84.5	15.3	23.3	1.4	6.3	8.214	0.034	3.6	18.7	0.7	12.0	0.029	92.6	0.518	0.010
MIN.		984	985	1	5	15	26	0	1	1	197	0.08	3	5	0	1	21	1	2	2	1	3.48	0.004	2	2	0.01	1	0.01	2	0.03	0.01
MAX.		2564	2565	10	2354	9487	17423	627.33	50	17	37615	12.06	80	14	4.02	7	495	100	178	12	41	39.21	0.181	19	151	2.65	63	0.17	680	3.93	0.09

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K %	W PPM	As PPM	Sb PPM	Bi PPM	Ge PPM	Se PPM	Te PPM	F PPM
226	226	226	226	226	226	226	226	226
0.126	8.9	40.49	15.48	1.38	0.53	4.33	2.30	1657.6
0.179	31.2	128.79	38.60	10.87	0.33	16.98	3.09	2774.9
0.01	1	0.7	0.3	0.1	0.2	0.2	0.3	80
1.16	280	1797	321.8	151.9	1.8	202.7	24.6	26700
46	46	46	46	46	46	46	46	46
0.141	6.1	35.11	11.45	0.55	0.36	7.51	3.26	1841.3
0.236	19.7	53.59	23.43	1.24	0.23	16.03	3.80	1827.9
0.01	1	0.7	0.3	0.1	0.2	0.2	0.3	130
1.16	100	308.9	134.9	6.8	1	78	16.8	9450
41	41	41	41	41	41	41	41	41
0.172	3.7	12.91	10.19	5.76	0.78	11.73	1.95	1508.3
0.216	10.3	19.91	24.46	24.97	0.39	34.33	3.96	977.3
0.01	1	2.5	0.4	0.1	0.2	0.2	0.3	200
0.85	67	121.8	136.6	151.9	1.8	202.7	24.6	4310
19	19	19	19	19	19	19	19	19
0.113	1.1	57.29	10.11	0.16	0.20	0.20	0.85	731.6
0.079	0.2	56.02	9.67	0.05	0.00	0.00	1.61	240.4
0.01	1	6.4	1.8	0.1	0.2	0.2	0.3	310
0.25	2	204	31.8	0.2	0.2	0.2	7.6	1160
42	42	42	42	42	42	42	42	42
0.136	19.9	104.02	38.55	0.51	0.35	2.41	3.07	2856.7
0.154	45.7	278.12	71.20	1.10	0.20	4.04	2.64	5621.6
0.02	1	3.8	0.3	0.1	0.2	0.2	0.3	80
0.67	264	1797	321.8	6.7	0.8	15.6	11	26700
69	69	69	69	69	69	69	69	69
0.071	10.2	16.37	10.56	0.34	0.75	0.62	2.05	1300.1
0.101	38.4	15.82	25.27	0.87	0.20	0.81	2.29	1310.2
0.01	1	3.2	0.4	0.1	0.2	0.2	0.3	130
0.8	280	72.5	188.3	6.6	1.2	3.5	9.5	9380

14112 G.B.

Santa Fe Pacific Mining, Inc.

TOMBSTONE PROJECT

Tombstone Mining District, Cochise County, Arizona

Drill Hole Number T-2, Total Depth 3003, Location ____N, ____E, Bearing N/A, Inclination VERTICAL, Core Size(s) NC/NX, Elevation ~4580', Date Started 21 Jul 88, Date Completed _____, Logged by PKM, WDR, Total Pages 86.

1. Footage: depth below collar.
2. Recovery: horizontal lines indicate top and bottom of run, number indicates percentage of core recovered.
3. Formation: name of formation in drilled interval.
4. Lithology: standard symbology is used and is explained in the description column; symbols may be combined.
5. Bedding Angle: angle of bedding to the axis of the core.
6. Fractures: column shading indicates relative intensity of fracturing; 1st column: weak, 2nd column: moderate, 3rd column: strong.
7. Angles: angle of fractures to the axis of the core.
8. Faults, Shearing, Etc.: symbols are used as follows; ▬: fault, ⚌: shear, ▲▲▲: brecciation; symbols may be combined.
9. Calcite/Quartz Veining: symbols indicate presence of veins/veinlets: // X ; width of line indicates relative thickness; density of pattern in column or cross hatchuring indicates relative abundance of veins/veinlets in interval.
10. Alteration: column shading indicates relative intensity of alteration; 1st column: weak; 2nd column: moderate; 3rd column: strong. Wide column to right uses symbology to indicate style of alteration: // X vein/veinlet-controlled; disseminated; •• : spots, blebs; : dendritic; : stylolitic. Lack of symbol in column indicates pervasive/massive alteration. Non-standard symbols are explained in description column.
11. Mineralization: column shading indicates intensity of mineralization; 1st column: weak (<2%), 2nd column: moderate (2-10%), 3rd column: strong (10-50%), mass column: massive (>50%). Style column uses the same symbology as for alteration, above. Major column headings (pyrite, Mn oxide, gl-sl) show general mineralization type; the complete mineralogical description appears in the description column.
12. Description: column contains information not detailed in preceding columns.
13. Assay: horizontal lines indicate interval assayed.

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
0–5	0	B/SBEE FM	No Recovery																				NO RECOVERY					
5–10																												
10–15																							ARKOSE: dk-med grey green, med. grained massively bedded arkose w/ num. calc veins					
15–20																							ARKOSE: as above; sheared					
																							SANDY LIMESTONE: orange red, med. grained sheared; num. qtz veins (1"-3") w/ chlor on margins					
20–25																							ARKOSE: dk grey green, med grained num. clay-chlor-calc-FeOx veinlets					
25–30																												
30–35																												
35–																												

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DRILL HOLE: T-2

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
35		BISBEE FM																					ARKOSE: as above					
40																												
45																												
																							SANDY SILTSTONE: fn gr sheared shaly siltstone w/ 15-20% cr sand					
50																												
																							ARKOSE: dk grey green, med gr arkose w/ red & ylw alt. splotches					
55																												
60																												
65																							CALCAREOUS SANDSTONE: hornfels blotchy red, green & cream; sheared & veined w/ calcite + chlor; MnOx spots					
70																												

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
70		BISBEE FM																					SANDSTONE: as above					
75																							ARKOSE: dark gray, med gr, massively bedded					
80																												
85																							CALCAREOUS ARKOSE: med gray green w/ red spots of altered carbonate					
90																							CALCAREOUS ARKOSE: cr grained w/ blot pink & green alt; sparse clay-filled fracs.					
95																							SILTY ARKOSE: gray green, fn gr					
100																							CALCAREOUS ARKOSE: as above					

DRILL HOLE: T-2

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
105		BISBEE FM																						CALCAREOUS ARKOSE: as above					
110																													
115																								ARKOSE: fine gr, massively bedded					
120																													
125																													
130																													
135																								CALCAREOUS ARKOSE: v. hard - silicified, <2% diss. py; mottled green & cream					
																								ARKOSE: grey green, chloritic, sparse FeOx and MnOx on clay fracs					

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
140		BISBEE FM																					ARKOSE: as above					
145																												
150																							ARKOSE: as above except Fe stained					
155																												
160																							CALCAREOUS SANDSTONE: tan, fine grained arkosic ss w/ chlor in bounding shears					
																							CALCAREOUS ARKOSE: streaky blk-grey and cream; ep-chlor alt of calcite patches					
165																												
																							CALCAREOUS ARKOSE: as above but highly frac w/ local clay zones					
170																												
																							ARKOSE: as above					

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DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn

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175
180
185
190
195
200
205
210

BISBEE FM

ARKOSE: as above

LIMESTONE: tan, sheared, weakly skarned

ARKOSE: grey green, silicified w/ clay and wk MnOx dend. on sparse fracs.

LIMESTONE: streaky, spotted; abun Mn dend.

ARKOSE: grey green, med-fn gr, massively bedded Upper 10' v cr gr; almost conglomeratic

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER SERPENTINE	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn

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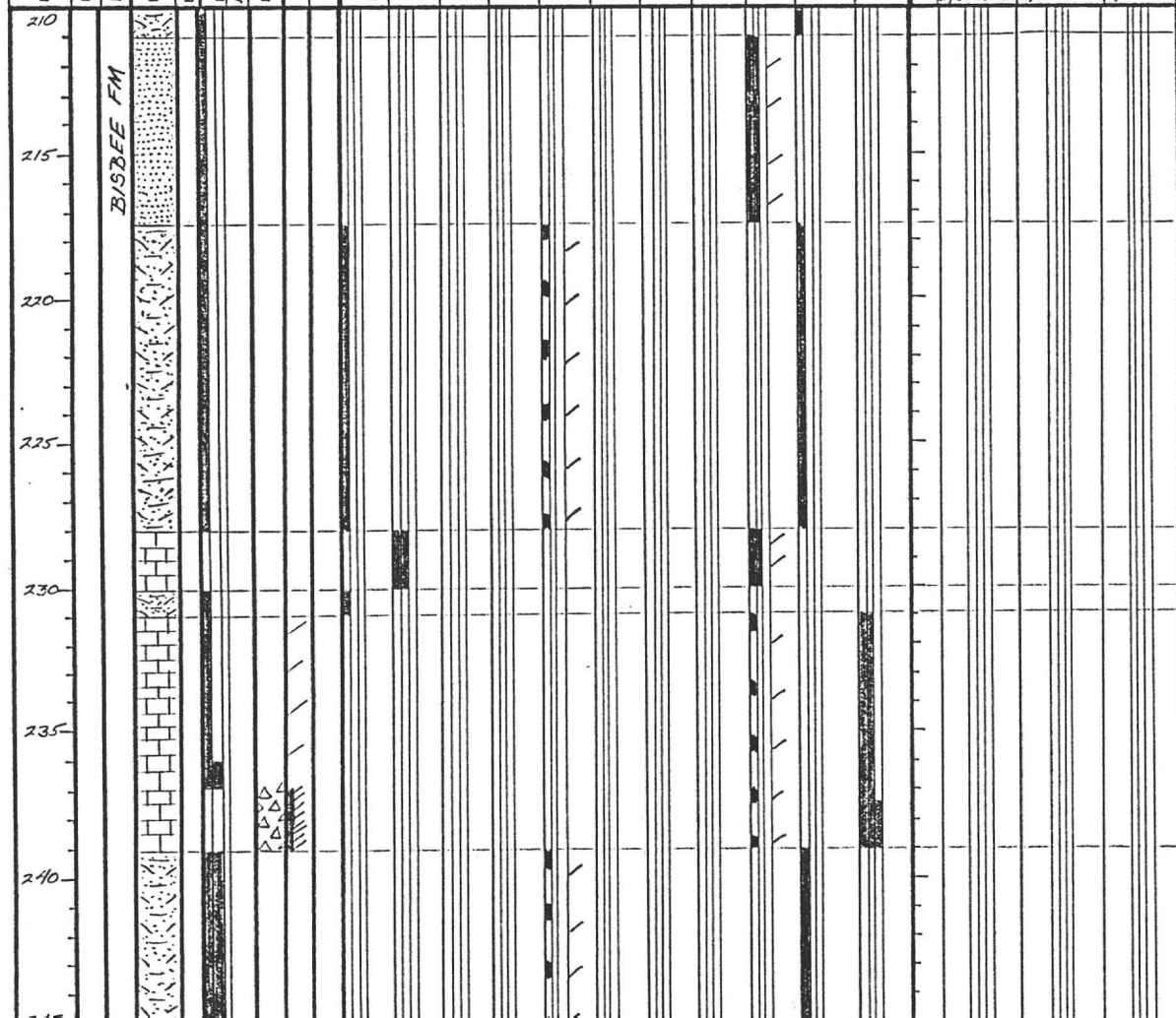

ARKOSE: as above

SANDSTONE: v. cr gr qtz as; tan-orange w/ perv. FeOx in matrix & on fracs.

ARKOSE: as above; cr gr

LIMESTONE: w/ thin lens of ls conglom

ARKOSE: as above; med gr

LIMESTONE: mottled orange, gray, tan w/ streaky green serp. zones

cr calcite in open breccia

ARKOSE: as above; v. cr gr

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
245		BISBEE FM																						SILTY ARKOSE: 1" ss layer @ 251', dark to lt grey					
250																													
255																													
																								SANDY SHALE: sheared red-brown laminac					
																								SILTY ARKOSE: fn gr, reddish to greenish massively bedded					
260																													
265																													
270																								SANDY SILTSTONE: dk greenish grey, fn gr w/ ½" calcite blebs					
275																													
																								ARKOSE: maroon, fn-med gr; minor turgite present on fracs.					

ASSAY DATA

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DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
280		BISBEE FM																					ARKOSE: as above					
285																							SILTSTONE: black & orange, laminated & sheared					
290																												
295																												
																							LIMESTONE: with shaly laminae					
300																							SHALE: interbedded limy shale and arkose					
305																							LIMESTONE: sheared, veined, mottled w/ 1/4" calcite veins					
310																							SANDY SILTSTONE: tan, gray, and/or reddish laminated; mottled					

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DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER SERPENTINE	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA (page: 10) Au	Ag	Cu	Pb	Zn
315		BISBEE FM																					SILTSTONE: as above					
320																												
325																							SILTY ARKOSE: w/ thin limy zones; orange blk & yellow, weakly sheared; serp on fracs.					
330																												
335																							LIMESTONE: lt grey; bleached broken & sheared					
																							LIMESTONE: as above w/ abundant oyster fossils					
340																							SANDSTONE & CONGLOMERATE: thin ss interbedded w/ limestone frag conglom.					
345																							SILTSTONE: varigated yellow, red, and grey laminae					

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER SERPENTINE	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
350		BISBEE FM																					SILTSTONE: as above					
355																							LIMESTONE: mottled cream & grey					
																							SANDY SILTSTONE: orange, red, brown; minor hematite on fracs					
360																												
365																							LIMESTONE: crudely laminated w/ num. gryphea sp. frags; blue grey color; cr cutted. calcite veinlets w/ minor FeOx					
370																												
375																												
380																							LIMESTONE: as above. Shears @ 383, 385 387, 388, 390, 392-392.5, 398, 404.					

ASSAY DATA page: 11

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER SERPENTINE	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
385		BISBEE FM																					LIMESTONE: as above					
390																												
395																												
400																												
405																												
410																							ARKOSE: green grey med gr. Below 415' contains 3-4" wick altered zones of serp. & diss. py					
415																												

DRILL HOLE: T-2

DESCRIPTION

APROSE: as above

SANDY SILTSTONE: lt to med grey w/ 1/4-2" calc. veinlets w/ Mn dend + clay + py on fracs

LIMESTONE: mottled green & grey. med. gr mod. silicif w/ irreg unrepl'ed patches of ls

LIMESTONE CONGLOMERATE: heterolithologic 1-3 cm frags

LIMESTONE: cr gr; pink, red, orange frac controlled mottling. Minor hem on frac

ASSAY DATA

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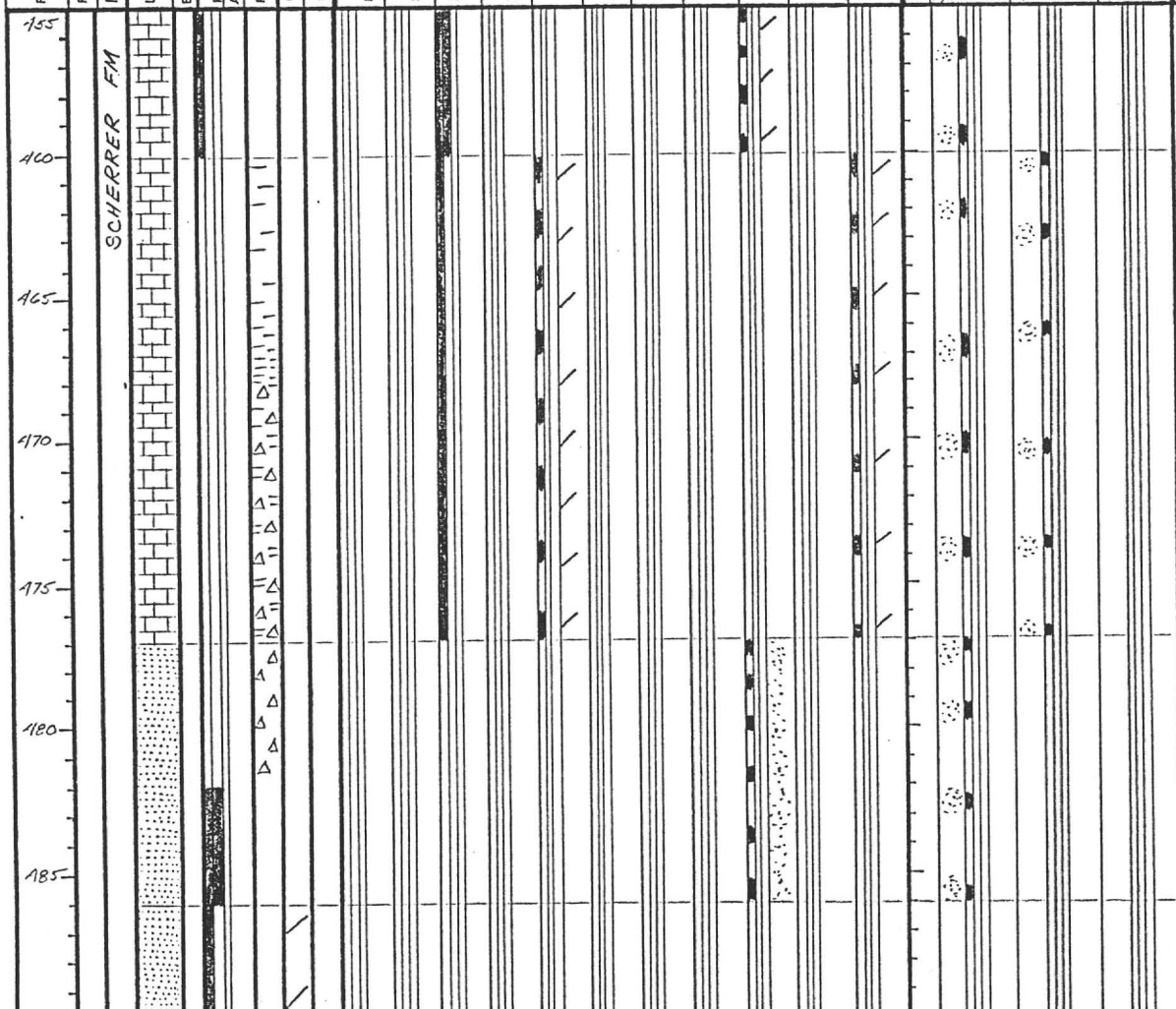
Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER SERPENTINE	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn



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DESCRIPTION

LIMESTONE: as above

LIMESTONE: fn gr, weakly recrystallized w/ strong shearing becoming breccia at 168' Apple green serp + cream color clay on shears + diss py + MnOx spots

CALCAREOUS SANDSTONE: med gr qtz ss w/ calc matrix

SANDSTONE: med gr lt grey qtz ss w/ no carbonate

DRILL HOLE: T-2

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
490		SCHERRER FM																					SANDSTONE: as above					
495																												
500																												
505																												
510																							SANDSTONE: as above except cr gr					
515																												
520																												

DRILL HOLE: T-2

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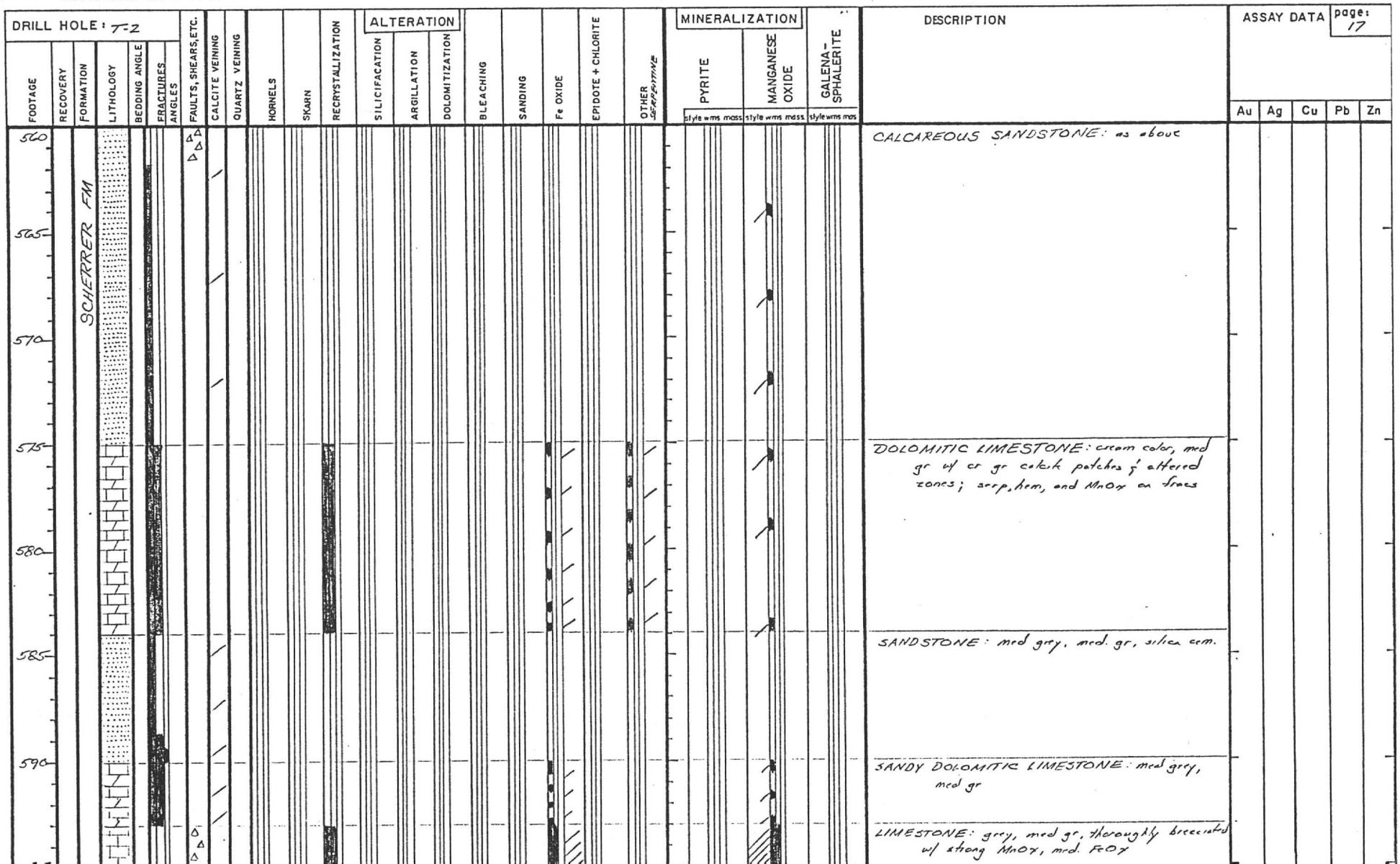
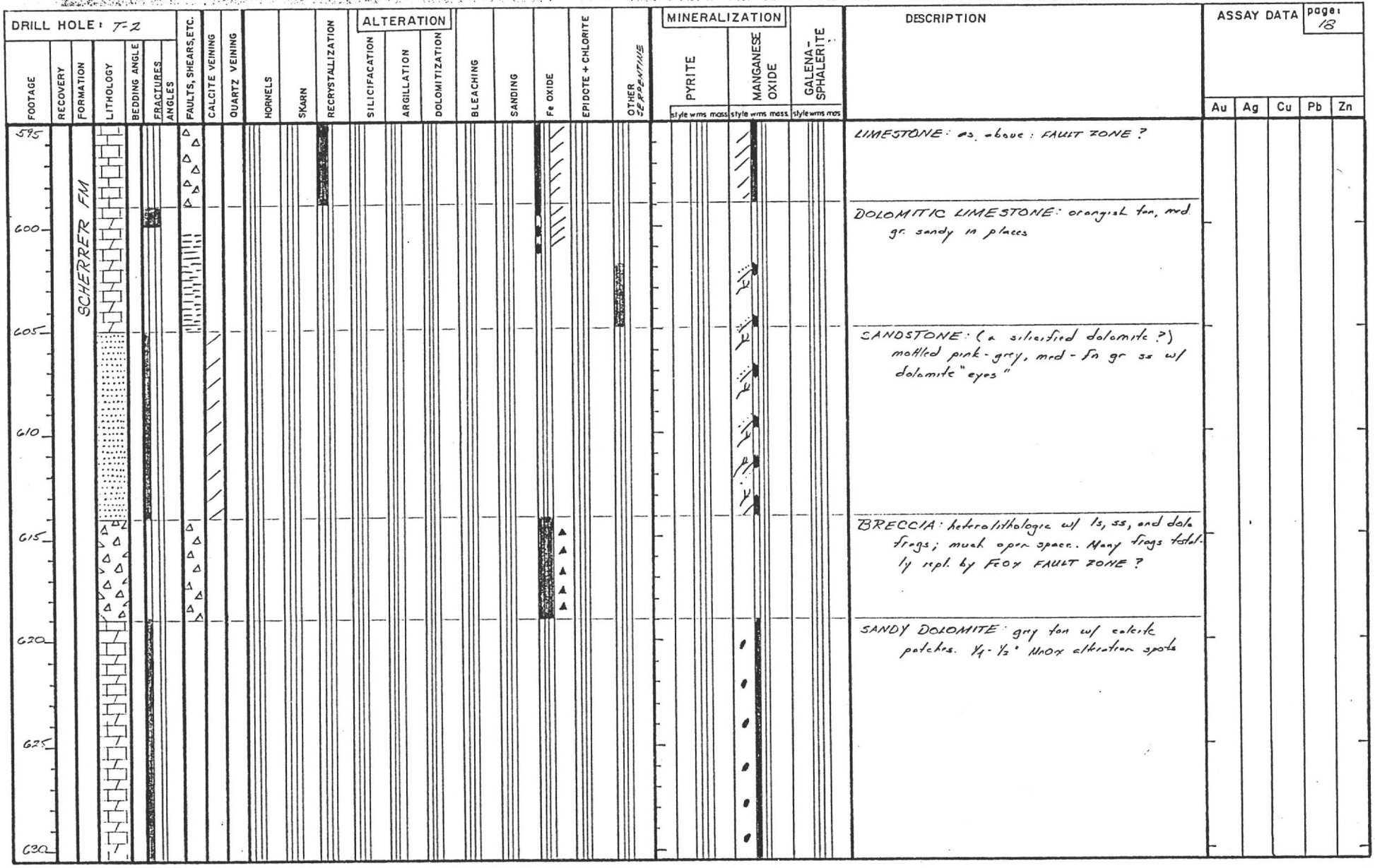
FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
525		SCHERRER FM																					SANDSTONE: as above					
530																												
535																							CALCAREOUS SANDSTONE: med-cr gr, H grey; calcite cement					
540																												
545																												
550																							SANDY DOLOMITIC LIMESTONE: med gr, broken brecciated: re-healed					
																							SANDY LIMESTONE: med gr					
555																												
																							CALCAREOUS SANDSTONE: med gr					

DRILL HOLE: T-2



DRILL HOLE: T-2



DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
630		SCHERRER FM																					SANDY DOLOMITE: as above					
																							CALCAREOUS SANDSTONE: lt grey to tan w/ calcite "eyes"; v. hard.					
635																												
640																					10							
																							SANDSTONE: fn-med gr ss w/ silica cement; local calcite "eyes" v. hard					
645																												
650																												
655																												
660																												
665																												

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DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE, (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
665		SCHERRER FM																						SANDSTONE: as above					
																								DOLOMITIC CALCAREOUS SANDSTONE: med-cr gr w/ silicated dolomite matrix/cement. section brecciated but well healed silica + dolo → tremolite + wollastonite					
670																													
675																													
680																								CALCAREOUS SANDSTONE: as above but w/ calcite cement; less broken. silicific. of matrix & grains w/ repl. of calcite cement by silica					
685																													
690																													
695																													
700																													

ASSAY DATA

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER SERPENTINE	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mass)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn

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700

SCHERRER FM

CALCAREOUS SANDSTONE: as above

705

FeOx + MnOx impreg of matrix and specific breccia fragments

SANDY LIMESTONE: med gr; recrl.

710

715

720

DOLOMITIC SANDSTONE: v fn gr w/ ch + serp + py on fracs

725

SANDSTONE:

SILTSTONE: orange-red; laminated w/ slicks on shears. Serp-calc-FeOx on fracs.

730

LIMESTONE: med grey, med gr, recrl. serpentinized to lt green. Serp and FeOx pervasive in shear zone.

735

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER SERPENTINE	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
735																							LIMESTONE: as above					
740																							SILTY DOLOMITE: fn-med gr; pink-buff					
745																												
750																							CALCAREOUS SILTSTONE: mottled green, red brown. FeOx in fracs and porous zones					
755																												
760																												
765																												
770																												

DRILL HOLE: T-2

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
770		SCHERRER FM																					CALCAREOUS SILTSTONE: as above					
																							SHEAR ZONE: ang ls & sh/stn frags = MAJOR FAULT ?					
																							LIMESTONE: v. clean, cr gr, recxl, lt grey thickly bedded.					
775																												
780																												
785																												
790																												
795																												
800																												
805																												

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
805		SCHERRER FM																					LIMESTONE: as above					
																							SILTY LIMESTONE: med-cr gr, rexl, brecciated & healed, orange-red & green mottling. Hematization of a few layers (originally shale?)					
810																												
815																												
820																												
825																												
830																												
835																												
840																												

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DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER SERPENTINE	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
840		SCHERRER FM																					SILTY LIMESTONE: as above					
845																							SILTY DOLOMITE: brick red, fn gr, weakly silic, pervas. FeOx					
850																							CALCAREOUS SILTSTONE. brownish grey, fn gr, highly frac					
																							: as above, mod frac					
855																												
860																							SERPENTINIZED DOLOMITE: apple green					
																							SILTSTONE: brown-grey, fn gr, mod frac					
865																							as above, spider-web calcite veinlets					
																							as above, only slt. frac'ed					
870																												
																							as above, intensely frac'ed					
875																												

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DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER SERPENTINE	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
875		SCHERRER FM																					SILTSTONE: as above					
																							DOLOMITE: cream w/ green streaks to grey, seep on fracs and weakly pervasive, short sec. lightly skarned.					
880																												
885																							DOLOMITIC SILTSTONE & DOLOMITE: upper part of section alternating siltstone & dolomite, dolomite beds serpentinized lower part dolomitic siltstone					
890																												
895																												
900																							SILTSTONE: light greenish grey to purplish brown. Hematite on fracs					
905																							DOLOMITE: H greenish grey; serpentinized					
																							SILTSTONE: as above, clay & bleaching on fracs.					
910																												

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DRILL HOLE: T-2

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
910		SCHERRER FM																					SILTSTONE: as above					
																							dark greenish grey					
915																												
																							greenish grey					
920																												
925																												
930																												
																							red spotted and streaked; hem + py on fracs					
935																							SANDY SILTSTONE: green grey w/ chlor-ep-py on fracs.					
940																												
945																												

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
945																							SANDY SILTSTONE: as above					
scale break																							MAJOR SHEAR					
955		SCHERRER FM			15																							
					20																							
960	100				25																							
					50																							
					60																							
					45																							
965					60																							
	70																						breccia frags 1mm-1.5cm FeOx and argillic on fracs					
					45																							
970					60																							
	100				20																							
					15																							
975					80																							
																							breccia frags 1mm-1cm; less clay than above					
	100																											
980					35																							
					50																							
					20																							

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DRILL HOLE: T-2

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
985																							SANDY SILTSTONE: as above					
																							zoned qtz (border) chlor (core) veinlets					
					30																							
					15																							
990	100	SCHERRER FM			50																							
					30																							
					35																		SILTY LIMESTONE: greenish white; chlor on shears					
					60																		SANDY SILTSTONE: as above					
					35																							
995					20																							
					45																							
	100				45																							
					65																							
1000					15																		SILTY LIMESTONE: as above					
					35																		SILTSTONE: compact, fn gr siltstone; some sandy siltstone intervals. <1% fine diss py throughout					
1005					15																							
					15																							
	100																											
1010					30																							
					15																							
1015					15																							
	100																											
					20																							
1020																												

DRILL HOLE: T-2

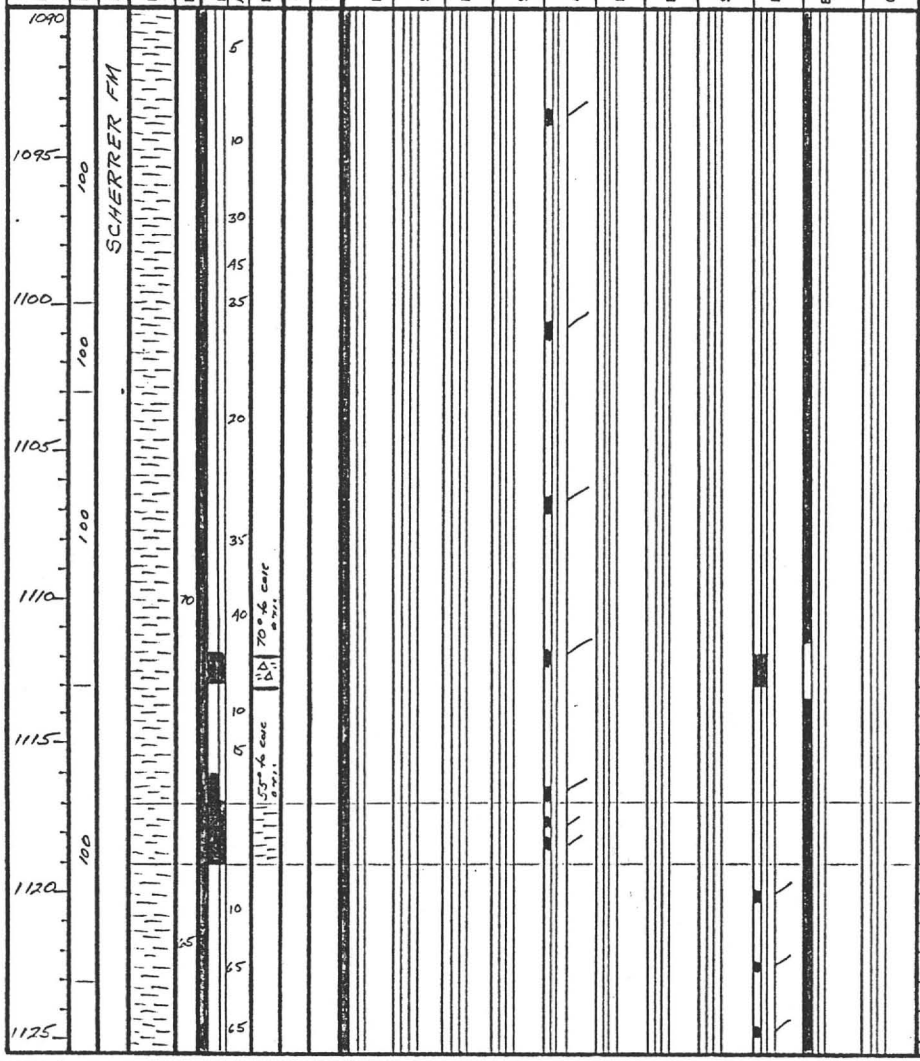
FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1020	100	SCHERRER FM			15																		SILTSTONE: as above					
					20																							
					15																							
1025					35																							
																							LIMESTONE: skarned: tremolite					
																							SANDY SILTSTONE: greenish brown, weakly calcareous sandy siltstone					
1030	100				10																							
																							LIMESTONE: as above					
1035																												
																							SANDY SILTSTONE: as above					
	100				5																							
1040																												
1045					10																							
	100				10																							
1050					15																							
					25																							
					30																		SILTY DOLOMITE (?) or dolomitic siltstone					
1055																												

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1055	100	SCHERRER FM			15, 50, 70, 70																		SILTY DOLOMITE: as above					
																							LIMESTONE					
1060	100				60, 50																		SANDY SILTSTONE: as above					
																							DOLOMITE: weakly skarned (chlor-ep)					
1065					50, 50																		SANDY SILTSTONE: as above w/ up to 1.5% fine disem py					
1070	100				30, 50, 20																							
1075	100				15, 70																							
1080					15, 50																							
1085	100				15, 70																							
1090																												

ASSAY DATA page: 31

DRILL HOLE: T-2



MINERALIZATION

PYRITE			MANGANESE OXIDE			GALENA-SPHALERITE		
style	wms	mass	style	wms	mass	style	wms	mas

DESCRIPTION

SANDY SILTSTONE: as above

CALCAREOUS SILTSTONE

SANDY SILTSTONE: as above

ASSAY DATA

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
1125					50																		SANDY SILTSTONE: as above; max .75% fine dissem py					
					20																							
1130	100	SCHERRER FM			50																							
					15																							
					50																							
1135	100				50																		calcite cemented breccia					
					15																							
					20																							
1140	100				10																							
1145					10																		CALCAREOUS SANDY SILTSTONE: numerous 2-5" blobs & zones of ep-chlor-calcite (= calcareous beds?); <0.1% fine diss. py.					
	100																											
					50																							
1150					10																							
					50																							
1155	100				10																							
1160					50																							

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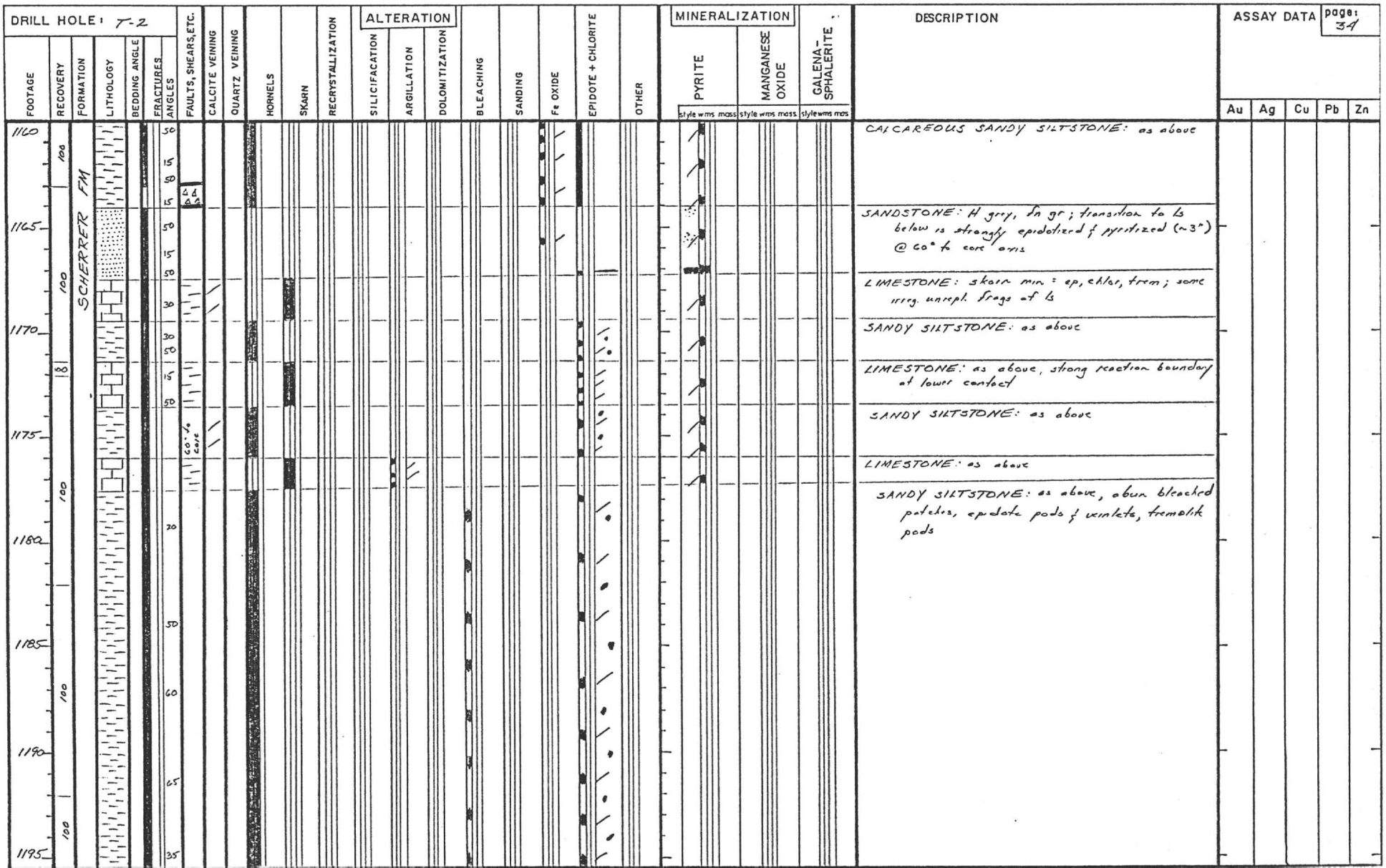
DRILL HOLE: T-2



DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1195																							SANDY SILTSTONE: as above					
	100	SCHERRER FM																										
1200																												
					5																							
1205					5																							
	100				20																							
					50																							
1210					10																							
					15																							
1215					15																							
	100				50																							
1220					50																							
					10																							
					15																							
1225					50																							
	100				50																							
1230					5																							

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DRILL HOLE: T-2

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1230					5																		SANDY SILTSTONE: as above					
	100	SCHERRER FM			10																							
1235					15																							
					15																		LIMESTONE: epidote knots, wollast.					
1240	100				15																		SANDY SILTSTONE: as above; epidote knots, wollast. needles in calcareous layers					
					50																							
					15																							
1245					15																							
					50																		LIMESTONE: as above					
	100																						SANDY SILTSTONE: as above					
1250					15																							
1255					15																							
1260	100				60																							
																							LIMESTONE: as above					
																							SANDY SILTSTONE: as above					
1265																												

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1265					15																		SANDY SILTSTONE: as above					
					50																		LAMINATED CALCAREOUS SANDY SILTSTONE: numerous 3/4" ls beds converted to tremolite & epidote					
1270	100	SCHERRER FM			15																							
1275					50																							
1280	100				15																		1" calcite vein					
1285					15																							
1290	100				50																		SANDY SILTSTONE: as above					
					50																							
1295	90				60																		traces w/ zoned hematite & bleached volcanics					
					75																							
					60																							
					55																							

ASSAY DATA page: 37

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1300	100	SCHERRER FM			15, 50																		SANDY SILTSTONE: as above					
																							SHALE: blk, laminated: slate, py on bedding & fracs; many fracs // to core axis; num. 10° 50° qz. veinlets					
1305	100			10	10, 5, 10, 50																							
1310	100				15, 10																							
																							LIMESTONE: shaly, laminated					
					20, 15																		SHALE: as above, up to 1.5% py					
1315																							LIMESTONE: dark grey, contacts broken w/ py & qz					
				10	50, 10, 15																		SHALE: as above except grey					
1320	100																						LIMESTONE: as above					
																							SHALE: as above					
					15																							
1325					50																							
																							LIMESTONE: H grey; no py					
	100																						SHALE: H greenish grey, v. fn gr, sugary; up to 1.5% py					
1330					50, 10																							
				10	5, 50																							
1335					15																							

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DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style, wms, mass)	MANGANESE OXIDE (style, wms, mass)	GALENA-SPHALERITE (style, wms, mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1335					50																		SHALE: as above					
					15																							
					15																							
1340	100	SCHERRER FM																										
					50																							
					50																							
1345					20																		CONGLOMERATE (intra-formational breccia?) Dolomite frags, completely replaced by epidote. scherrer - Epitaph contact ???					
					60																		SHALE: as above					
	100																						galena blob @ 1347'					
		EPITAPH DOL.			60																							
1350					70																							
					5																							
					10																							
1355					50																							
					15																							
	100																						DOLOMITE: strongly sheared; argillized					
1360																												
					15																		LIMESTONE: white, cr gr, rexl					
					30																							
1365																												
	100				15																							
																							CALCAREOUS SANDY SILTSTONE: ubiquitous v. fn gr py					
1370																												

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER SERPENTINE	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
1370	100	EPITAPH DOL.			10, 50																		C. SANDY SILTSTONE: as above					
1375					60, 15, 50, 15, 50																		DOLOMITE & LIMESTONE: top 18" is dol. mst & ls					
1380	100				5, 15																		ARKOSE to SANDSTONE: unit grades downward from arkose to v cr gr ss or fine conglom.					
1385					10, 50																							
1390	100				70, 10, 20																							
1395				60																			LIMESTONE: w/ 5% shaly interbeds. Lt to md grey w/ black organic-rich spots					
1400	100																						.75" calcite-py repl. vein w/ replacement embayments					
1405																							DOLOMITE: chlor & serp'itized; sheared					

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DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1405																							LIMESTONE: irregularly skarned along fracs, bedding - creating irreg. blobs. Ls is v. thinly bedded to laminated					
1410	100	EPITAPH DOL.																										
1415	100																											
1420																												
1425																												
	100																						DOLOMITE					
																							LIMESTONE: as above					
1430																												
																							GOUGE: calcite and clay-filled fault zone					
					50																		SHALE: greenish grey w/ black (organic?) bands num. 10°-50° fracs w/ chlor-calc; slicks					
1435	100				10																							
					10																							
					50																							
					50																							
1440					10																		breccia vein - fault? 2" calc. veinlet w/ by frags					

ASSAY DATA page: 41

DRILL HOLE: T-2

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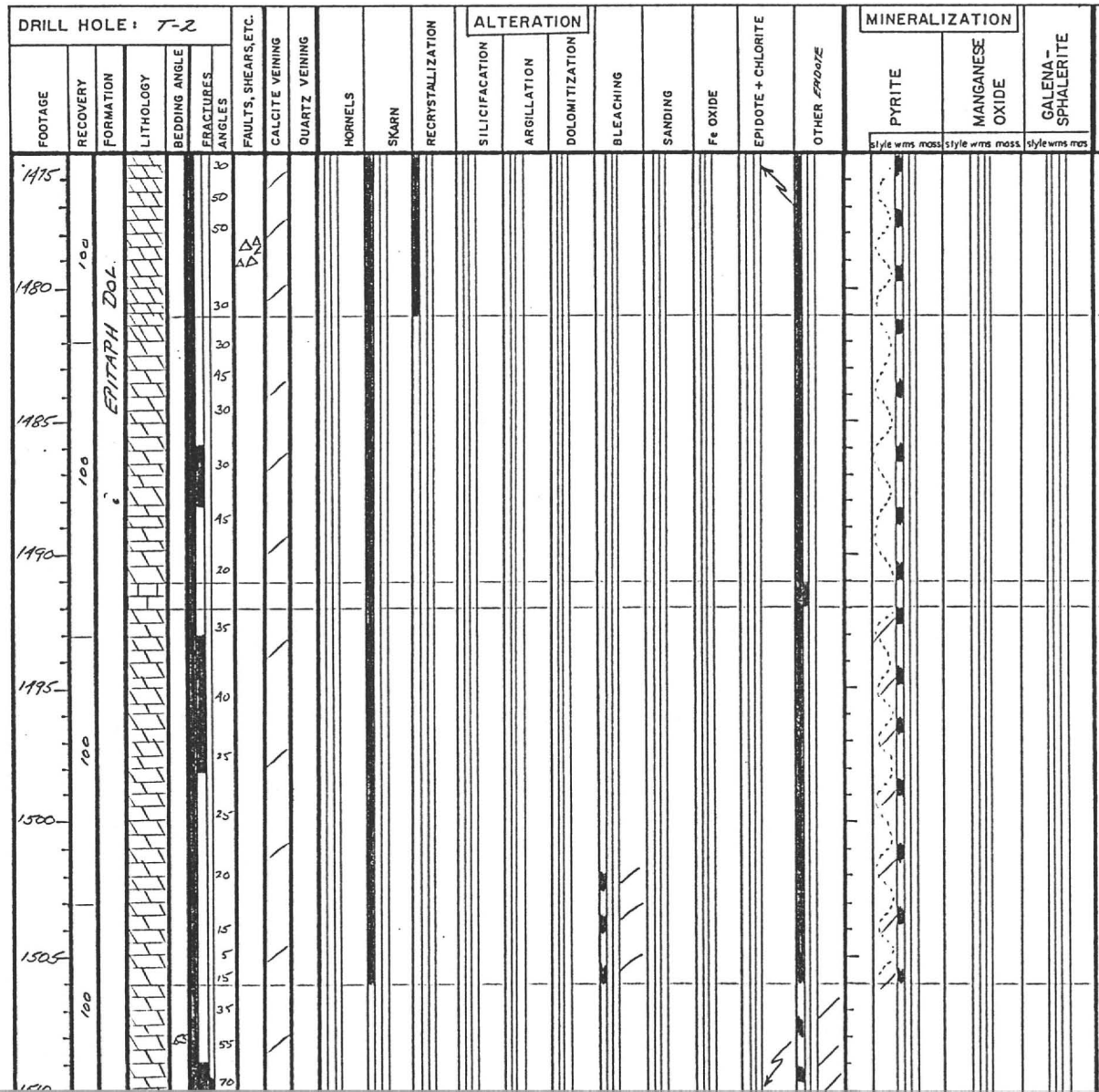
FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	Au	Ag	Cu	Pb	Zn
1440					30																		SILTSTONE: as above					
					15																							
					50																							
1445					25																							
	100	EPITAPH DOL.			15																							
					25																							
1450																							LIMESTONE: sheared, epidote-chlor skarn					
					20																		SILTSTONE: hard, siliceous, empt; ~.25% diss py					
					15																							
1455					50																		LIMESTONE					
	100																						SILTSTONE: as above; open, calcite cemented bx					
1460																							LIMESTONE					
																							SILTSTONE: as above					
																							LIMESTONE					
					30																		SILTSTONE: as above					
					15																							
1465					10																		LIMESTONE: ubiq. diss py << 1%					
					50																							
					10																							
					8																							
	100				20																		DOLOMITE: sugary, red, wbly sheared					
					50																							
1470					15																							
					60																							
					30																							
					10																							

DRILL HOLE: T-2



DESCRIPTION

DOLOMITE: as above

calcite filled breccia

DOLOMITE: fn gr, sandy, brwn dolo; calcite veins to 1/4" common, diss. py throughout

LIMESTONE: skarned to chlor-ep

DOLOMITE: dark green grey fn grained; some bleaching below 1500'; num. post-epidote calcite veins

DOLOMITE: sandy, brwn; as above but laminated and bedded.

ASSAY DATA

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Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
1510	100	EPITAPH DOL.			65																		DOLOMITE: as above					
					35																							
					70																							
1515					15																							
	100				70																							
1520					60																		DOLOMITE: as above, but brecciated - calcite filled					
					35																							
1525																												
	100				55																							
1530					55																							
1535					15																		DOLOMITE: as above; unbrecciated					
	92				50																							
					15																							
1540					30																		DOLOMITE: as above					
	83																						DOLOMITE: v. sandy; grey					
					30																							
1545																												

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DRILL HOLE: T-2

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	Au	Ag	Cu	Pb	Zn
																										ppm	ppm	ppm
1545					15																		DOLOMITE: as above					
					45																							
1550	100	EPITAPH DOL.			15																							
					15																							
					50																							
1555					15																		LIMESTONE: brecciated & py veined					
					40																		DOLOMITE: as above					
																							LIMESTONE: finely laminated @ 50° to core axis beds .1-.7' thick; soft sed deform.					
1560				50																								
																							DOLOMITE: brecciated, cemented by FeOx-leach calcite; bx possibly intraformational rip-up dolo. was v. finely bedded/laminated					
																								ND	0.93	6	11	30
1565																								ND	ND	7	10	34
	100																							0.01	1.92	9	<.3	28
																								0.01	0.48	7	7	36
																								ND	ND	14	8	44
1570																								ND	ND	17	20	38
																								ND	ND	19	24	16
																							LIMESTONE: w/ prom MnOx dend & FeOx impreg.	ND	ND	17	14	30
																								ND	ND	5	44	40
					15																		DOLOMITE: dk grey, fine gr, sugary, except where strongly op. altered					
1575					50																							
					15																							
	100																											
1580																												

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER SERPENTINE	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1580	100	EPITAPH DOL.			10																		DOLOMITE: as above					
					60																							
1585																												
	100				10																							
																							LIMESTONE: greenish white; wk'ly serpentinized on trace of bedding					
1590																												
1595																												
	100																											
1600																												
																							fault gouge					
1605																												
	100				60																		DOLOMITE: mod argill.					
1610					15																							
					15																							
																							LIMESTONE: lt greenish gray, recrl					
1615																												

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1615					60																		LIMESTONE: as above					
					15																							
1620	100	EPITAPH DOL																										
					20																							
1625					10																		thinly laminated towards bottom; soft and detrital					
					60																							
1630	100				10																		DOLOMITE: sandy, wk 'ly skarned					
					50																							
1635					50																		LIMESTONE: as above					
	100				50																							
1640				50	50																							
1645					60																							
	100				50																							
1650					70																							

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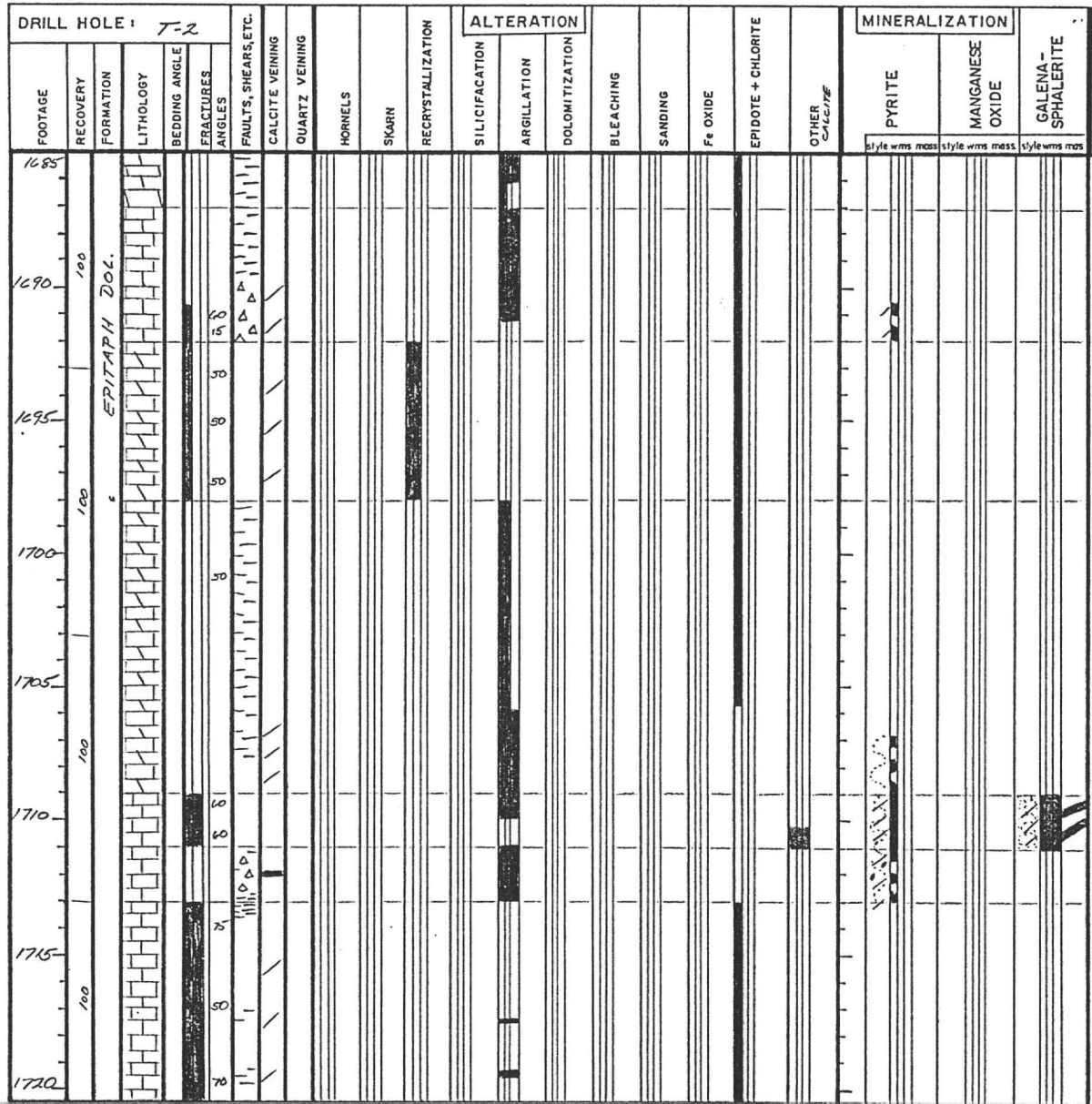
DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1650	100	EPITAPH DOL.		60	60																		LIMESTONE: as above					
					60																							
1655					60																							
	100				60																							
1660					60																							
					60																							
1665					60																							
	100																											
1670					35																							
1675					15																							
	100				45																		limestone becomes finely laminated					
1680					35																							
					15																							
1685	100																						DOLOMITE: pale greenish white, thoroughly argillized; major shear?					

DRILL HOLE: T-2



DESCRIPTION

DOLOMITE: as above

LIMESTONE: lower 2' brecciated & healed w/ py-bearing calcite veins

DOLOMITIC LIMESTONE: med gray, med gr, recr

DOLOMITIC LIMESTONE: as above only not recryst.

slicks on slip surfaces rake 60°

py disseminated in basal 2'

LIMESTONE: mineralized w/ massive bands & veinlets of gl > cpy > sl > py + tet or alab ? gl-tet rpl. sl

LIMESTONE: a few py blebs

strong shear - all clay

LIMESTONE: locally dolomitic; green-gray banding and mottling

ASSAY DATA

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Au	Ag	Cu	Pb	Zn
ppm	ppm	ppm	ppm	ppm
ND	25.54	% 1.22	% 2.07	% 3.42
ND	0.93	64	810	790
0.02	24.86	% 1.13	% 3.68	% 1.63
0.08	45.39	% 1.04	% 5.0	% 3.94
0.01	17.90	% 1.06	% 1.25	% .97

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA (page: 50) Au	Ag	Cu	Pb	Zn
1720	100	EPITAPH DOL.				65																		LIMESTONE: as above					
						40																							
1725	100					60																							
						40																							
1730						15																							
1735						60																			ppm	ppm	ppm	ppm	ppm
	100					50																		LIMESTONE: brecciated, bleached. up to 1.5% py on fracs & dissem.	ND	1.54	12	16	18
						15																							
1740						70																		LIMESTONE: rexl; ep. alt. clearly shear controlled					
						60																							
1745						60																							
						60																							
						60																							
1750	100																												
1755	100																							SANDY LIMESTONE: light brick red w/ 1/2" open frac lined w/ qtz + calc xls. Red from hem.					

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
1755					25																		SANDY LIMESTONE: as above; brick red hematite possibly diagenetic					
					60																							
					25																							
1760	100	EPITAPH DOL.			5																							
					50																							
					35																							
1765					65																							
					15																		DOLOMITE: cr gr rexl w/ sm brick red sandy, silty component. Overall color med grey; some 1" ls beds scattered throughout.					
	100				55																							
					55																							
1770					60																							
					60																							
					35																							
1775					60																							
	100				15																		SHALY DOLOMITE: mottled grey & brick red med gr, rexl					
1780					60																							
					70																							
					5																							
1785	100				80																							
					80																		DOLOMITE: fn gr, grey					
					65																							
1790					80																							

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DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1770	100	EPITAPH DOL.			25 15 60 65 50																		DOLOMITE: as above					
75																												
	100				50 50 50 35																		SHALY DOLOMITE: mottled & variegated, brick red red.					
80																												
																							DOLOMITE: grey red					
85																												
	100			60	20 15 60																		SHALY DOLOMITE: brick red, highly broken & cemented by calcite veins to 1/8"					
90																												
																							LIMESTONE: laminated, greenish					
					60 55																		LIMESTONE: upper part w/ hematite, grey below					
95	100				75 75																							
					65 55																		SANDY LIMESTONE: slightly dolomitic in part					
1800	100																											

ASSAY DATA

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DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
1825	100	EPITAPH Dol.			15																		DOLOMITE: pink grey, rcxl					
1830	100				65																							
					80																							
1835	100																						LIMESTONE: chlor-ep alt					
1840					70																		calcite veins // to chrors					
					70																							
					65																							
1845					70																							
	100				55																							
1850					60																							
					70																		SANDY LIMESTONE: buff, no alt or min.					
1855	100				60																							
1860							• • •																DOLOMITE: grey, cr gr, rcxl w/ calcite patches					

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
1860	100	EPITAPH Dol.																					DOLOMITE: as above					
1865					35																							
					75																		LIMESTONE					
	100				30																							
1870																							DOLOMITE: lt gray, rexl					
					15																							
					5																							
																							LIMESTONE: skarned w/ 8% dk. green actinolite or hedenbergite needles w/ pale brown ylw garnet or vesuvianite					
1875					50																							
					60																		DOLOMITE: gray, rexl w/ pink calcite patches					
	100																											
1880					80																							
					15																							
1885					15																		LIMESTONE: gray, rexl					
					30																							
	100				15																							
1890		EPITAPH Dol.			90																		LIMESTONE: marble med to v. cr gr, brilliant white; num. 90° breaks					
					90																							
1895	100	COLIMA LS																										

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1895					25																		LIMESTONE: as above					
	100	COLINA LS.			15																							
1900																												
Σ scale break Σ					90																							
1910	100				10																							
					95																		zone of prom but spotty sanding, rx is mod. to v. friable					
1915																												
					15																							
	100																											
1920					95																		sandy broken zone - bedding pl. SH?					
					90																							
1925					15																							
	100				5																							
1930					10																							
					75																							
1935	100																											

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
1935					30																		LIMESTONE: as above					
1940	100	COLINA LS.			60																							
1945					90																							
	100				90																							
					90																							
1950																												
1955																												
	100																											
1960																												
					10																		LIMESTONE: finely bedded, skarned w/ py & dem on fracs; also diss. py					
					5																							
1965																							LIMESTONE: white marble as above					
	100				90																							
1970					40																							

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	REAL SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
1970	100	COLINA LS.			60																		LIMESTONE: as above; med gr, H grey marble: no vis. bedding or fossils.					
1975	100				70																							
1980																												
1985					5																							
	100				5																							
1990					5																							
					10																							
1995																												
	100																											
2000																												
	100				90																							
2005																												

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