

LIST OF ILLUSTRATIONS

FIGURE 1	LOCATION MAP
FIGURE 2	CLAIM MAP
FIGURE 3	SOIL SAMPLING - LOCATION MAP WITH DRILL HOLES
FIGURE 4	SOIL SAMPLING - COPPER VALUES
FIGURE 5	SOIL SAMPLING - GOLD VALUES
FIGURE 6	MAGNETOMETER SURVEY

APPENDICES

APPENDIX 1	SOIL SAMPLING - ANALYTICAL PROCEDURES AND RESULTS
APPENDIX 2	DRILL LOG DESCRIPTIONS AND GEOCHEMICAL RESULTS

GOVERNMENT AGENT
RECEIVED
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GEOLOGICAL SURVEY BRANCH
VERNON, B.C.
ASSESSMENT REPORT

25,202

APPENDIX 1

**SOIL SAMPLING
ANALYTICAL PROCEDURES AND RESULTS**

Project 635

Gnat Pass

No: 635Soil_96.wkt

Soil Sample Analyses (ICP)
1996

Reference : v96-01221.0, 1222.0, 1223.0, 1335.0

Sample ID	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Hg ppb
635-013	225	<0.2	18	7	53	<0.2	2	10	<5	<5	21	11	65	27
635-014	<5	<0.2	28	9	58	<0.2	2	<5	<5	<5	40	12	39	42
635-015	<5	<0.2	25	10	99	0.8	2	<5	<5	<5	42	16	42	32
635-016	<5	<0.2	27	6	81	<0.2	1	<5	<5	6	17	7	42	57
635-017	<5	<0.2	17	8	105	<0.2	2	14	<5	<5	27	9	37	61
635-018	<5	<0.2	20	6	82	<0.2	1	<5	<5	<5	25	9	41	36
635-019	<5	<0.2	21	7	80	<0.2	2	7	<5	<5	29	10	39	45
635-020	<5	<0.2	26	9	115	0.3	1	9	<5	<5	33	12	41	48
635-021	36	<0.2	67	13	178	0.5	<1	17	<5	<5	29	18	51	20
635-022	<5	0.2	17	8	72	<0.2	1	<5	<5	<5	42	14	23	28
635-023	22	<0.2	74	9	84	<0.2	1	15	<5	<5	33	13	54	37
635-024	20	0.3	17	17	204	1.9	2	<5	<5	<5	15	11	40	39
635-025	66	<0.2	33	5	81	<0.2	<1	15	<5	<5	59	16	170	14
635-026	<5	<0.2	19	7	100	0.2	1	<5	<5	<5	31	10	40	44
635-027	<5	0.3	28	12	227	0.2	2	<5	<5	<5	41	14	37	43
635-028	<5	<0.2	28	7	92	<0.2	4	<5	<5	<5	32	12	55	37
635-029	6	0.2	46	13	102	<0.2	2	<5	<5	<5	48	15	27	42
635-030	<5	<0.2	249	22	72	<0.2	10	10	<5	8	41	14	43	41
635-031	<5	<0.2	168	7	102	<0.2	3	<5	<5	<5	48	14	33	38
635-032	<5	<0.2	19	13	32	0.3	2	22	<5	<5	8	5	11	52
635-033	<5	<0.2	18	10	92	<0.2	1	17	<5	<5	41	14	37	53
635-034	11	<0.2	16	15	14	<0.2	<1	33	<5	<5	6	5	2	42
635-035	<5	<0.2	13	12	88	<0.2	2	<5	<5	<5	34	11	35	48
635-036	430	0.2	17	11	129	<0.2	4	<5	<5	<5	22	9	43	38
635-037	6	0.3	228	13	112	<0.2	4	29	<5	<5	35	8	43	134
635-038	<5	<0.2	18	11	210	<0.2	4	<5	<5	<5	16	7	37	33
635-039	152	<0.2	28	6	102	<0.2	2	14	<5	<5	22	11	61	61
635-040	<5	<0.2	15	11	98	0.4	3	6	<5	<5	24	6	37	68
635-041	<5	<0.2	23	10	88	<0.2	3	11	<5	<5	32	11	62	51
635-042	<5	<0.2	21	7	297	0.4	2	6	<5	6	38	12	35	61
635-043	6	0.2	61	11	239	1.0	1	12	<5	<5	40	13	45	57
635-044	<5	<0.2	11	4	49	<0.2	1	5	<5	<5	15	5	32	22
635-045	8	<0.2	38	5	40	<0.2	<1	22	<5	<5	24	6	49	28
635-046	<5	<0.2	13	5	29	<0.2	<1	6	<5	<5	13	4	30	22
635-047	ls	<0.2	109	13	117	<0.2	2	14	<5	<5	30	11	33	120
635-048	<5	0.3	23	14	52	<0.2	4	5	<5	<5	19	3	21	<10
635-049	11	<0.2	21	7	36	<0.2	<1	<5	<5	<5	8	2	22	32
635-050	ls	<0.2	146	14	165	0.9	2	26	<5	5	43	18	45	80
635-051	<5	<0.2	15	13	125	0.3	3	7	<5	7	30	11	42	44
635-052	12	<0.2	12	13	99	0.4	4	<5	<5	5	28	8	44	37
635-053	5	0.3	10	17	115	0.3	3	<5	<5	<5	16	9	55	46
635-054	6	<0.2	305	14	56	<0.2	<1	<5	<5	<5	13	6	17	144
635-055	ls	<0.2	31	21	131	<0.2	6	<5	<5	8	18	9	37	64
635-056	<5	0.3	131	16	96	0.5	1	<5	<5	<5	24	7	24	189
635-058	<5	<0.2	22	16	124	0.3	2	21	<5	<5	44	12	38	38
635-059	ls	<0.2	42	23	101	0.2	3	<5	<5	<5	18	7	39	38
635-060	65	<0.2	33	18	168	0.7	3	6	<5	<5	22	8	39	52
635-061	6	<0.2	20	14	156	<0.2	4	6	<5	<5	40	12	38	40
635-062	<5	<0.2	33	11	113	0.4	2	5	<5	<5	49	18	35	32
635-063	<5	<0.2	38	11	142	0.4	2	6	<5	5	52	16	42	31
635-064	<5	<0.2	23	13	137	<0.2	4	<5	<5	<5	24	16	62	43
635-065	<5	<0.2	18	8	68	<0.2	2	7	<5	5	25	7	53	32
635-066	<5	<0.2	20	12	62	<0.2	3	<5	<5	6	20	8	48	35
635-067	17	<0.2	13	11	57	<0.2	2	<5	<5	<5	14	5	37	18
635-068	<5	<0.2	16	12	67	0.2	3	9	<5	<5	11	4	34	29
635-069	<5	<0.2	15	14	47	<0.2	3	11	<5	5	15	5	31	27
635-093	8	<0.2	26	12	76	<0.2	2	<5	<5	<5	41	12	37	79
635-094	<5	<0.2	23	8	77	<0.2	2	<5	<5	<5	33	12	52	36
635-095	<5	<0.2	53	9	74	<0.2	3	8	<5	<5	30	12	39	31
635-096	<5	<0.2	29	13	93	<0.2	2	7	<5	<5	61	18	35	49
635-097	<5	<0.2	25	7	102	0.3	2	<5	<5	<5	24	9	54	60

ls denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 2)

Sample ID	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %
635-013	8.28	516	105	205	16	5	8	<10	<20	<20	1.85	0.72	0.17	0.01	0.05
635-014	4.59	631	88	80	14	7	15	<10	<20	<20	2.69	1.11	0.23	0.03	0.06
635-015	5.00	907	100	72	23	7	13	<10	<20	<20	3.21	0.86	0.27	0.02	0.04
635-016	5.51	400	93	128	24	4	9	<10	<20	<20	1.48	0.66	0.30	0.01	0.04
635-017	4.24	556	90	68	11	4	8	<10	<20	<20	2.26	0.61	0.13	0.01	0.03
635-018	4.92	523	78	104	16	5	10	<10	<20	<20	2.13	0.68	0.21	0.02	0.04
635-019	5.42	533	74	114	13	5	10	<10	<20	<20	2.43	0.70	0.21	0.02	0.03
635-020	4.70	479	68	89	15	6	11	<10	<20	<20	2.64	0.78	0.24	0.02	0.04
635-021	4.51	738	61	118	30	3	6	<10	<20	<20	2.35	1.80	0.44	0.03	0.06
635-022	4.14	751	81	47	18	8	17	<10	<20	<20	4.01	1.09	0.38	0.04	0.04
635-023	3.60	476	72	83	19	3	7	<10	<20	<20	2.00	1.09	0.29	0.02	0.05
635-024	4.42	1160	100	99	15	2	6	<10	<20	<20	1.29	0.38	0.16	0.02	0.04
635-025	4.02	471	59	96	16	3	7	<10	<20	<20	2.23	1.70	0.24	0.02	0.16
635-026	2.74	377	50	54	14	3	9	<10	<20	<20	1.91	0.87	0.20	0.02	0.05
635-027	5.01	761	58	65	9	8	16	<10	<20	<20	4.00	0.91	0.16	0.02	0.03
635-028	3.60	495	55	73	15	5	10	<10	<20	<20	1.91	0.90	0.21	0.02	0.04
635-029	4.25	856	72	48	16	8	16	<10	<20	<20	4.74	1.20	0.31	0.04	0.04
635-030	4.31	629	67	81	20	8	15	<10	<20	<20	2.55	1.08	0.27	0.02	0.03
635-031	4.44	768	69	58	22	20	27	<10	<20	<20	2.82	1.47	0.60	0.04	0.04
635-032	1.94	333	80	23	30	4	6	<10	<20	<20	0.50	0.07	0.23	<0.01	0.05
635-033	4.40	865	103	63	31	6	12	<10	<20	<20	3.09	1.11	0.45	0.03	0.06
635-034	1.62	367	82	7	23	7	8	<10	<20	<20	0.32	0.02	0.18	<0.01	0.07
635-035	4.32	518	77	51	7	4	10	<10	<20	<20	3.17	0.71	0.11	0.02	0.03
635-036	6.68	645	70	90	8	3	8	<10	<20	<20	1.93	0.47	0.08	0.02	0.04
635-037	3.20	274	252	54	50	39	47	<10	<20	<20	2.89	0.49	0.55	0.04	0.05
635-038	6.25	783	93	76	12	2	7	<10	<20	<20	1.41	0.24	0.12	0.01	0.04
635-039	4.76	522	53	85	11	3	6	<10	<20	<20	2.13	0.84	0.14	0.01	0.04
635-040	4.82	442	61	58	7	4	10	<10	<20	<20	2.48	0.41	0.09	0.01	0.03
635-041	4.41	701	51	70	12	4	9	<10	<20	<20	2.67	0.88	0.15	0.02	0.04
635-042	4.60	678	99	57	27	5	12	<10	<20	<20	3.25	0.66	0.29	0.02	0.04
635-043	5.47	861	269	79	78	18	22	<10	<20	<20	2.96	0.94	0.81	0.03	0.09
635-044	3.77	520	46	75	12	2	7	<10	<20	<20	0.88	0.44	0.14	0.02	0.03
635-045	2.79	227	39	70	14	3	7	<10	<20	<20	0.95	0.70	0.22	0.02	0.03
635-046	2.80	185	34	72	14	2	6	<10	<20	<20	0.82	0.33	0.15	0.01	0.03
635-047	3.08	1004	421	47	119	29	35	<10	<20	<20	2.00	0.78	1.36	0.03	0.05
635-048	4.86	295	227	34	30	7	15	<10	<20	<20	3.38	0.28	0.21	0.02	0.03
635-049	1.05	179	186	46	53	3	6	<10	<20	<20	0.58	0.21	0.56	0.02	0.04
635-050	4.30	5241	727	68	114	24	30	<10	<20	<20	3.11	0.97	1.34	0.04	0.11
635-051	5.13	374	180	82	23	4	9	<10	<20	<20	2.45	0.62	0.14	0.02	0.05
635-052	7.05	399	85	92	8	2	9	<10	<20	<20	2.09	0.42	0.07	0.02	0.04
635-053	7.61	634	114	130	7	2	8	<10	<20	<20	1.52	0.21	0.06	0.02	0.04
635-054	2.26	933	448	36	189	43	31	<10	<20	<20	2.18	0.18	2.65	0.02	0.02
635-055	7.27	1665	219	107	28	5	9	<10	<20	<20	2.09	0.58	0.25	0.01	0.03
635-056	2.73	886	457	41	205	75	88	<10	<20	<20	2.86	0.61	2.42	0.03	0.03
635-058	5.29	569	268	69	32	10	18	<10	<20	<20	2.96	0.77	0.31	0.03	0.05
635-059	4.93	357	227	101	49	14	25	<10	<20	<20	1.93	0.33	0.38	0.02	0.06
635-060	5.97	599	99	88	18	6	14	<10	<20	<20	2.22	0.46	0.16	0.02	0.05
635-061	6.85	670	99	87	24	7	16	<10	<20	<20	2.60	0.94	0.26	0.02	0.04
635-062	5.16	895	193	64	33	9	18	<10	<20	<20	3.17	1.35	0.52	0.05	0.05
635-063	5.49	727	164	75	38	8	15	<10	<20	<20	2.68	1.18	0.35	0.03	0.05
635-064	7.32	1068	132	144	19	3	7	<10	<20	<20	1.44	0.58	0.19	0.03	0.06
635-065	4.19	340	72	83	17	3	6	<10	<20	<20	1.80	0.75	0.16	0.02	0.05
635-066	3.60	310	83	112	15	2	5	<10	<20	<20	1.78	1.19	0.14	0.02	0.11
635-067	4.02	339	43	104	18	2	4	<10	<20	<20	1.27	0.49	0.14	0.02	0.05
635-068	4.04	303	58	80	11	3	11	<10	<20	<20	1.77	0.24	0.09	0.02	0.03
635-069	3.18	227	59	79	17	2	5	<10	<20	<20	1.30	0.45	0.12	0.02	0.04
635-093	4.03	721	89	62	14	6	15	<10	<20	<20	3.32	0.94	0.26	0.02	0.04
635-094	4.67	540	66	99	17	5	10	<10	<20	<20	2.21	0.85	0.28	0.02	0.04
635-095	4.43	643	121	92	28	8	19	<10	<20	<20	2.29	0.95	0.47	0.02	0.05
635-096	5.24	1033	97	64	16	10	21	<10	<20	<20	4.34	1.48	0.34	0.05	0.05
635-097	7.13	480	97	161	22	4	11	<10	<20	<20	1.89	0.73	0.25	0.02	0.04

Is denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 3)

Sample ID	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635-013	4	8	0.08	<10	<5	5	5
635-014	8	8	0.18	<10	<5	7	19
635-015	13	9	0.22	<10	<5	11	19
635-016	6	10	0.05	<10	<5	4	1
635-017	10	10	0.10	<10	<5	10	10
635-018	7	10	0.09	<10	<5	6	6
635-019	7	9	0.10	<10	<5	7	12
635-020	7	11	0.09	<10	<5	7	9
635-021	10	22	0.17	<10	<5	3	3
635-022	13	6	0.27	<10	<5	12	39
635-023	5	15	0.04	<10	<5	2	2
635-024	13	9	0.18	<10	<5	8	4
635-025	6	10	0.13	<10	<5	2	4
635-026	5	9	0.09	<10	<5	4	5
635-027	13	7	0.24	<10	<5	13	29
635-028	7	9	0.13	<10	<5	4	7
635-029	13	7	0.24	<10	<5	14	40
635-030	9	12	0.12	<10	<5	8	12
635-031	12	12	0.23	<10	6	11	31
635-032	3	4	<0.01	<10	<5	1	<1
635-033	12	8	0.22	<10	<5	10	21
635-034	<2	<1	<0.01	<10	<5	<1	2
635-035	11	6	0.21	<10	<5	14	27
635-036	18	11	0.33	<10	<5	23	28
635-037	10	14	0.21	<10	6	10	25
635-038	19	7	0.31	<10	<5	21	16
635-039	8	13	0.07	<10	<5	5	4
635-040	13	10	0.13	<10	<5	16	18
635-041	11	13	0.11	<10	<5	10	11
635-042	13	11	0.18	<10	<5	14	23
635-043	14	18	0.25	<10	<5	10	17
635-044	6	6	0.09	<10	<5	3	2
635-045	3	8	0.06	<10	<5	1	1
635-046	4	5	0.08	<10	<5	3	1
635-047	10	14	0.07	<10	<5	5	11
635-048	18	16	0.12	<10	<5	49	93
635-049	5	3	0.11	<10	<5	6	3
635-050	31	15	0.11	<10	7	5	8
635-051	13	18	0.17	<10	<5	13	7
635-052	18	14	0.34	<10	<5	20	29
635-053	21	8	0.63	<10	<5	18	27
635-054	10	4	0.06	<10	<5	10	18
635-055	23	17	0.23	<10	<5	16	12
635-056	8	8	0.05	<10	<5	8	25
635-058	16	12	0.28	<10	<5	13	61
635-059	19	14	0.46	<10	<5	20	23
635-060	19	14	0.34	<10	<5	22	22
635-061	19	11	0.38	<10	<5	20	27
635-062	14	8	0.36	<10	<5	10	37
635-063	14	12	0.31	<10	<5	14	27
635-064	21	7	0.59	<10	<5	9	12
635-065	8	12	0.15	<10	<5	6	6
635-066	11	7	0.24	<10	<5	4	3
635-067	10	6	0.16	<10	<5	5	2
635-068	13	7	0.27	<10	<5	13	16
635-069	6	9	0.11	<10	<5	4	2
635-093	10	7	0.15	<10	<5	8	19
635-094	7	7	0.10	<10	<5	5	7
635-095	10	10	0.16	<10	<5	7	10
635-096	15	9	0.34	<10	<5	9	39
635-097	8	12	0.11	<10	<5	5	3

Is denotes insufficient sample for analyses

Project 635

Gnat Pass

No: 635Soil_96.wk1

Soil Sample Analyses (ICP)
1996

Reference : v96-01221.0, 1222.0, 1223.0, 1335.0

Sample ID	Au30 ppb	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Hg ppb
635-098	<5	<5	<0.2	17	8	103	0.3	3	<5	<5	<5	17	6	40	53
635-099	<5	<5	<0.2	21	7	57	<0.2	<1	<5	<5	<5	80	22	285	18
635-100	<5	<5	<0.2	26	13	89	0.3	3	6	<5	<5	42	16	37	>50000
635-101	<5	<5	0.3	27	13	104	0.4	3	13	<5	<5	39	17	41	48
635-102	<5	<5	<0.2	38	20	191	0.6	2	6	<5	7	17	15	38	17
635-103	6	<5	0.4	58	13	234	0.5	2	<5	<5	6	25	19	49	43
635-104	<5	<5	<0.2	39	9	105	0.2	3	8	<5	<5	24	9	48	45
635-105	<5	<5	0.2	33	13	78	<0.2	2	<5	<5	6	51	16	31	48
635-106	<5	<5	0.3	48	14	250	0.8	3	6	<5	<5	42	16	41	37
635-107	<5	<5	<0.2	94	11	132	<0.2	5	<5	<5	<5	44	17	51	30
635-108	<5	<5	0.3	54	23	142	0.5	3	18	<5	7	28	17	60	49
635-109	7	<5	<0.2	458	56	217	1.2	3	18	<5	5	35	43	57	39
635-110	<5	<5	<0.2	95	12	159	0.7	8	16	<5	6	22	14	56	20
635-111	<5	<5	<0.2	231	18	75	<0.2	4	13	<5	6	40	25	80	37
635-112	<5	<5	<0.2	682	11	80	<0.2	4	6	<5	<5	38	18	58	23
635-113	23	<5	<0.2	1809	10	127	<0.2	15	13	<5	11	22	35	33	43
635-114	<5	<5	0.4	424	11	98	<0.2	2	20	<5	<5	41	10	46	44
635-115	<5	<5	<0.2	53	16	122	0.8	3	13	<5	7	27	10	30	80
635-116	9	<5	<0.2	47	14	131	0.6	3	9	<5	<5	26	9	30	39
635-117	<5	<5	<0.2	21	17	99	0.4	4	19	<5	8	23	11	43	32
635-118	17	<5	<0.2	34	12	110	0.4	4	7	<5	7	17	7	40	37
635-119	11	<5	<0.2	47	12	118	0.4	2	13	<5	<5	24	8	32	39
635-120	6	<5	<0.2	71	15	180	1.0	3	12	<5	<5	38	14	44	37
635-121	12	<5	<0.2	49	10	164	0.9	3	7	<5	<5	28	10	32	36
635-122	6	<5	<0.2	51	12	178	0.8	3	10	<5	6	30	10	32	44
635-124	18	<5	<0.2	38	12	164	0.7	3	14	<5	<5	25	9	27	38
635-129	<5	<5	<0.2	21	6	35	<0.2	1	<5	<5	<5	15	5	44	16
635-130	<5	<5	<0.2	16	12	116	0.2	3	<5	<5	<5	35	10	108	28
635-131	6	<5	<0.2	13	11	134	0.6	3	<5	<5	6	22	9	59	39
635-132	17	<5	<0.2	10	16	136	<0.2	5	<5	<5	5	16	6	43	28
635-133	<5	<5	0.2	15	13	100	0.7	5	<5	<5	7	22	5	47	48
635-134	23	<5	<0.2	30	14	143	0.6	2	<5	<5	<5	12	7	28	31
635-135	17	<5	<0.2	9	19	44	<0.2	2	<5	<5	<5	3	2	14	17
635-136	638	<5	<0.2	11	11	74	<0.2	2	5	<5	<5	6	6	13	23
635-138	17	<5	<0.2	14	8	106	0.2	1	<5	<5	<5	6	3	15	27
635-139	11	<5	<0.2	11	16	73	0.3	2	<5	<5	<5	7	3	22	22
635-140	1s	<5	<0.2	14	12	77	<0.2	2	<5	<5	<5	15	5	35	15
635-141	17	<5	<0.2	11	6	28	<0.2	<1	<5	<5	<5	7	3	21	22
635-142	18	<5	<0.2	15	8	43	<0.2	2	<5	<5	<5	7	3	24	15
635-143	35	<5	<0.2	26	7	48	<0.2	1	<5	<5	6	18	7	34	12
635-145	20	<5	0.2	33	10	86	0.3	1	<5	<5	<5	20	9	34	29
635-146	21	<5	<0.2	95	12	128	<0.2	2	7	<5	<5	37	11	33	42
635-147	9	<5	<0.2	61	11	101	0.3	3	11	<5	<5	28	7	38	40
635-148	6	<5	<0.2	57	9	133	<0.2	1	6	<5	<5	43	13	35	30
635-149	<5	<5	<0.2	16	12	105	<0.2	2	<5	<5	<5	38	13	26	21
635-150	6	<5	<0.2	30	15	113	<0.2	2	9	<5	7	20	14	25	62
635-174	<5	<5	<0.2	9	15	251	0.4	3	<5	<5	7	15	8	34	39
635-175	<5	<5	<0.2	14	14	132	<0.2	3	<5	<5	<5	28	10	37	44
635-176	<5	<5	<0.2	24	12	106	<0.2	3	6	<5	<5	44	16	32	49
635-177	<5	<5	<0.2	21	5	47	<0.2	2	5	<5	<5	34	11	39	31
635-178	6	<5	<0.2	23	16	148	0.3	5	<5	<5	6	24	11	42	34
635-179	17	<5	<0.2	29	14	91	0.2	2	13	<5	<5	43	17	28	22
635-180	6	<5	<0.2	30	9	79	0.4	2	9	<5	9	20	11	46	19
635-181	<5	<5	<0.2	32	10	78	<0.2	2	9	<5	<5	38	15	49	44
635-182	<5	<5	<0.2	66	13	85	0.2	4	10	<5	9	33	14	46	37
635-183	<5	<5	<0.2	58	12	101	<0.2	2	11	<5	6	38	16	46	36
635-184	<5	<5	<0.2	33	13	85	<0.2	3	<5	<5	<5	37	16	31	50
635-185	<5	<5	0.3	86	28	210	0.4	3	6	<5	6	31	14	38	53
635-186	6	<5	0.3	23	13	118	0.3	3	<5	<5	6	20	11	42	40
635-187	6	<5	<0.2	71	13	108	0.9	2	17	<5	<5	25	12	47	54
635-188	<5	<5	<0.2	113	11	67	0.2	2	21	<5	<5	30	12	62	36

1s denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 2)

Sample ID	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %
635-098	5.84	669	74	105	12	2	6	<10	<20	<20	1.56	0.47	0.13	0.01	0.04
635-099	3.90	573	62	96	10	3	11	<10	<20	<20	2.86	2.35	0.17	0.02	0.25
635-100	4.85	739	79	70	14	6	12	<10	<20	<20	3.34	0.88	0.21	0.02	0.04
635-101	4.69	715	57	64	15	5	13	<10	<20	<20	3.50	0.84	0.20	0.02	0.03
635-102	4.85	932	86	107	24	2	6	<10	<20	<20	1.22	0.71	0.26	0.02	0.06
635-103	4.77	1083	66	92	17	3	8	<10	<20	<20	1.91	0.76	0.17	0.02	0.04
635-104	5.39	561	61	89	24	3	7	<10	<20	<20	2.02	0.84	0.24	0.02	0.04
635-105	4.57	876	96	53	13	8	18	<10	<20	<20	4.67	1.24	0.34	0.04	0.04
635-106	4.77	1049	73	66	9	8	19	<10	<20	<20	3.06	0.78	0.11	0.02	0.04
635-107	4.40	920	86	70	21	9	20	<10	<20	<20	2.83	0.90	0.28	0.03	0.05
635-108	5.19	637	57	107	19	3	5	<10	<20	<20	2.60	1.17	0.28	0.02	0.03
635-109	5.43	1302	49	116	38	9	11	<10	<20	<20	1.92	1.84	0.78	0.02	0.09
635-110	5.25	720	83	121	32	2	4	<10	<20	<20	1.68	1.10	0.30	0.02	0.05
635-111	4.09	789	36	97	24	4	7	<10	<20	<20	2.13	1.56	0.34	0.02	0.04
635-112	3.78	863	58	88	32	10	14	<10	<20	<20	1.95	1.44	0.53	0.03	0.05
635-113	6.97	1710	69	96	17	20	21	<10	<20	<20	0.84	0.31	0.66	<0.01	0.18
635-114	4.40	540	187	87	60	27	22	<10	<20	<20	1.88	1.08	0.69	0.03	0.08
635-115	3.05	772	187	61	64	11	17	<10	<20	<20	1.64	0.78	0.78	0.02	0.08
635-116	3.07	704	160	65	55	11	17	<10	<20	<20	1.65	0.75	0.64	0.02	0.09
635-117	5.75	443	69	74	21	3	7	<10	<20	<20	1.78	0.53	0.20	0.01	0.04
635-118	4.87	356	149	88	69	4	10	<10	<20	<20	1.38	0.52	0.80	0.02	0.05
635-119	3.33	425	140	78	58	10	16	<10	<20	<20	1.41	0.70	0.74	0.02	0.08
635-120	4.16	1282	197	81	83	14	21	<10	<20	<20	2.38	1.00	0.87	0.03	0.11
635-121	2.96	664	140	64	57	12	17	<10	<20	<20	1.81	0.84	0.66	0.02	0.10
635-122	3.18	613	154	70	58	13	19	<10	<20	<20	1.99	0.82	0.62	0.02	0.10
635-124	2.83	666	128	61	64	9	14	<10	<20	<20	1.74	0.78	0.74	0.02	0.10
635-129	2.78	213	33	83	20	3	7	<10	<20	<20	0.77	0.44	0.25	0.02	0.04
635-130	5.36	480	87	102	9	2	9	<10	<20	<20	1.59	0.90	0.08	0.02	0.04
635-131	8.57	1468	170	130	12	2	9	<10	<20	<20	1.40	0.39	0.11	0.02	0.04
635-132	6.45	710	77	105	11	1	9	<10	<20	<20	1.40	0.27	0.07	0.02	0.04
635-133	7.74	413	84	97	9	6	15	<10	<20	<20	2.45	0.34	0.08	0.02	0.03
635-134	3.66	1088	453	63	158	7	12	<10	<20	<20	0.88	0.22	1.44	0.02	0.03
635-135	1.06	242	96	47	23	3	8	<10	<20	<20	1.07	0.04	0.15	<0.01	0.05
635-136	3.09	305	159	68	32	4	10	<10	<20	<20	0.82	0.06	0.15	<0.01	0.10
635-138	1.68	324	308	30	89	3	7	<10	<20	<20	0.75	0.18	0.82	0.02	0.08
635-139	2.10	219	94	64	12	3	11	<10	<20	<20	1.30	0.09	0.07	0.01	0.06
635-140	3.06	335	66	78	16	2	8	<10	<20	<20	1.17	0.38	0.12	0.02	0.05
635-141	1.36	133	43	45	18	2	6	<10	<20	<20	0.53	0.23	0.17	0.02	0.03
635-142	2.44	152	28	78	15	2	6	<10	<20	<20	0.67	0.13	0.10	0.01	0.03
635-143	2.56	464	52	64	20	4	9	<10	<20	<20	0.96	0.61	0.27	0.02	0.05
635-145	2.59	633	209	57	46	6	12	<10	<20	<20	1.16	0.66	0.60	0.02	0.04
635-146	3.86	1040	515	55	95	37	40	<10	<20	<20	2.84	0.76	1.22	0.02	0.06
635-147	4.36	457	190	73	21	18	26	<10	<20	<20	2.49	0.47	0.14	0.02	0.06
635-148	4.13	821	454	62	78	14	17	<10	<20	<20	2.45	0.97	1.07	0.04	0.07
635-149	4.52	788	204	57	34	8	15	<10	<20	<20	2.39	1.11	0.40	0.04	0.04
635-150	3.45	913	218	70	109	16	20	<10	<20	<20	1.32	0.37	0.77	0.02	0.05
635-174	4.98	1051	98	69	9	2	10	<10	<20	<20	1.64	0.21	0.08	0.02	0.05
635-175	4.68	952	111	67	10	5	12	<10	<20	<20	2.68	0.52	0.10	0.02	0.04
635-176	4.56	1004	74	59	11	6	14	<10	<20	<20	4.01	1.03	0.25	0.03	0.04
635-177	5.12	491	61	121	18	5	13	<10	<20	<20	1.93	0.88	0.31	0.02	0.04
635-178	6.26	806	106	84	15	3	8	<10	<20	<20	1.67	0.40	0.20	0.02	0.04
635-179	4.38	899	129	57	16	7	16	<10	<20	<20	5.16	1.01	0.37	0.04	0.03
635-180	4.04	707	136	91	23	3	6	<10	<20	<20	1.36	0.74	0.28	0.02	0.04
635-181	3.95	521	63	65	15	5	12	<10	<20	<20	2.65	0.99	0.18	0.02	0.04
635-182	5.32	539	69	70	14	4	11	<10	<20	<20	2.28	0.68	0.22	0.02	0.04
635-183	4.00	835	78	64	18	6	13	<10	<20	<20	2.65	0.98	0.23	0.02	0.05
635-184	4.30	687	65	53	14	7	15	<10	<20	<20	4.02	0.85	0.24	0.02	0.04
635-185	5.04	603	59	82	14	3	9	<10	<20	<20	3.25	0.74	0.15	0.02	0.04
635-186	5.31	683	79	68	9	3	9	<10	<20	<20	2.34	0.46	0.09	0.02	0.03
635-187	4.48	752	77	119	36	2	5	<10	<20	<20	3.06	1.15	0.29	0.02	0.04
635-188	4.16	432	47	93	21	3	7	<10	<20	<20	2.43	1.16	0.22	0.02	0.03

Is denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 3)

Sample ID	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635-098	12	9	0.13	<10	<5	7	4
635-099	7	13	0.16	<10	<5	3	5
635-100	13	10	0.21	<10	<5	13	21
635-101	12	9	0.21	<10	<5	12	21
635-102	9	10	0.11	<10	<5	4	2
635-103	12	12	0.11	<10	<5	7	4
635-104	11	12	0.13	<10	<5	8	4
635-105	14	7	0.29	<10	<5	10	39
635-106	15	9	0.19	<10	<5	11	17
635-107	13	11	0.24	<10	<5	8	18
635-108	9	18	0.11	<10	<5	5	5
635-109	8	17	0.11	<10	7	1	3
635-110	10	17	0.13	<10	<5	5	2
635-111	7	14	0.09	<10	<5	2	3
635-112	7	14	0.11	<10	6	2	4
635-113	6	3	<0.01	<10	11	1	<1
635-114	6	21	0.12	<10	7	4	8
635-115	9	12	0.08	<10	<5	3	4
635-116	7	12	0.08	<10	<5	2	3
635-117	9	11	0.10	<10	<5	9	7
635-118	13	9	0.22	<10	<5	13	11
635-119	5	11	0.07	<10	<5	2	3
635-120	13	17	0.13	<10	6	5	6
635-121	7	13	0.07	<10	<5	2	3
635-122	6	14	0.08	<10	<5	3	3
635-124	7	13	0.07	<10	<5	3	4
635-129	2	4	0.06	<10	<5	1	<1
635-130	18	10	0.44	<10	<5	12	12
635-131	25	8	0.52	<10	<5	10	10
635-132	25	10	0.42	<10	<5	15	13
635-133	21	9	0.49	<10	<5	25	44
635-134	14	6	0.29	<10	<5	17	10
635-135	8	2	0.04	<10	<5	4	<1
635-136	6	4	0.02	<10	<5	4	<1
635-138	5	7	0.06	<10	<5	7	5
635-139	11	5	0.12	<10	<5	9	4
635-140	9	6	0.22	<10	<5	6	5
635-141	3	2	0.05	<10	<5	1	<1
635-142	7	2	0.11	<10	<5	3	1
635-143	5	5	0.07	<10	<5	1	1
635-145	8	8	0.10	<10	<5	5	4
635-146	10	15	0.11	<10	<5	9	20
635-147	10	12	0.14	<10	<5	11	17
635-148	11	16	0.20	<10	<5	8	15
635-149	12	6	0.27	<10	<5	11	28
635-150	9	5	0.15	<10	<5	8	8
635-174	19	10	0.14	<10	<5	11	4
635-175	15	10	0.18	<10	<5	15	20
635-176	15	9	0.22	<10	<5	14	33
635-177	5	7	0.11	<10	<5	5	9
635-178	18	12	0.27	<10	<5	16	14
635-179	14	6	0.27	<10	<5	12	34
635-180	8	12	0.10	<10	<5	4	2
635-181	10	11	0.17	<10	<5	8	15
635-182	10	9	0.14	<10	<5	9	13
635-183	11	10	0.13	<10	<5	9	12
635-184	13	8	0.21	<10	<5	14	37
635-185	11	14	0.17	<10	<5	13	18
635-186	13	9	0.22	<10	<5	16	25
635-187	10	21	0.11	<10	<5	4	3
635-188	7	15	0.11	<10	<5	5	8

Is denotes insufficient sample for analyses

Project 635

Gnat Pass

No: 635Soil_06.wkt

Soil Sample Analyses (ICP)
1996

Reference : v96-01221.0, 1222.0, 1223.0, 1335.0

Sample ID	Au30 ppb	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Hg ppb
635-189	<5		<0.2	58	12	106	<0.2	2	6	<5	<5	56	18	33	24
635-190	<5		0.2	68	12	172	0.3	6	12	<5	7	46	16	46	56
635-191	10		<0.2	69	6	64	<0.2	1	10	<5	5	40	16	126	20
635-192	6		<0.2	62	11	77	0.4	3	31	<5	6	35	20	74	24
635-193	12		0.5	1415	10	175	<0.2	19	45	7	14	77	65	106	86
635-197	<5		<0.2	42	11	131	0.6	4	9	<5	<5	26	8	30	31
635-198	<5		0.3	39	14	121	0.5	4	10	<5	6	37	12	37	28
635-199	<5		<0.2	36	14	206	0.7	2	<5	<5	5	31	16	42	32
635-200	<5		<0.2	38	11	129	1.2	2	<5	<5	<5	25	9	26	37
635-201	<5		<0.2	51	10	155	0.9	4	11	<5	<5	28	11	32	38
635-202	6		<0.2	48	11	177	1.1	5	<5	<5	<5	26	8	28	35
635-205	ls		<0.2	22	4	80	0.4	4	<5	<5	<5	4	1	5	91
635-206	<5		<0.2	71	10	59	0.2	3	24	<5	7	33	12	96	22
635-207	6		<0.2	37	10	120	0.3	2	6	<5	6	22	7	27	19
635-211	6		<0.2	49	12	140	1.4	3	6	<5	<5	26	15	47	55
635-212	45		<0.2	25	8	71	0.5	2	<5	<5	<5	17	7	23	29
635-213	<5		<0.2	17	8	96	0.4	2	8	<5	<5	16	6	24	<10
635-217	<5		<0.2	31	6	33	<0.2	1	<5	<5	<5	22	8	34	14
635-218	<5		<0.2	7	8	23	0.3	1	<5	<5	6	8	3	24	34
635-219	24		<0.2	15	8	43	<0.2	2	12	<5	<5	16	5	41	28
635-220	17		<0.2	11	5	28	<0.2	1	<5	<5	<5	11	3	25	17
635-221	17		<0.2	23	6	50	<0.2	<1	<5	<5	<5	16	5	30	15
635-222	6		<0.2	17	6	33	<0.2	2	<5	<5	7	17	5	37	25
635-223	14		<0.2	34	7	35	<0.2	2	6	<5	<5	22	8	31	15
635-224	17		<0.2	10	5	31	<0.2	1	<5	<5	6	10	3	25	26
635-225	101	45	<0.2	12	7	27	<0.2	1	<5	<5	<5	12	4	30	23
635-226	ls		<0.2	18	9	71	0.2	2	<5	<5	<5	14	5	41	26
635-227	42		<0.2	33	11	152	<0.2	4	<5	<5	6	19	14	37	16
635-228	246	<5	<0.2	90	12	128	<0.2	2	<5	<5	<5	38	13	33	31
635-229	273	<5	<0.2	12	12	60	<0.2	2	<5	<5	<5	10	4	34	28
635-230	12		<0.2	10	7	39	<0.2	1	<5	<5	<5	5	2	25	16
635-231	18		<0.2	10	9	41	<0.2	2	<5	<5	<5	10	4	38	22
635-244	<5		<0.2	419	13	120	0.5	2	22	<5	7	52	20	102	62
635-247	<5		<0.2	38	6	69	<0.2	2	13	<5	<5	38	12	107	31
635-248	<5		<0.2	24	10	163	0.2	2	<5	<5	6	31	13	60	42
635-249	<5		<0.2	39	8	186	0.9	3	11	<5	5	32	15	72	24
635-255	9		<0.2	15	12	153	0.4	2	<5	<5	<5	32	9	37	35
635-256	<5		<0.2	11	13	144	<0.2	3	<5	<5	5	20	7	33	42
635-257	77		0.2	25	12	287	0.9	2	<5	<5	<5	22	16	52	40
635-258	8		0.2	54	13	94	0.2	2	5	<5	<5	48	14	31	39
635-259	12		0.3	12	17	164	0.8	2	<5	<5	<5	11	5	33	44
635-260	8		0.2	17	12	144	<0.2	1	7	<5	<5	72	21	37	56
635-261	24		<0.2	27	10	87	0.2	2	11	<5	<5	29	12	55	32
635-262	<5		0.4	24	12	143	0.5	2	<5	<5	5	39	15	34	46
635-263	32		<0.2	37	17	149	0.5	2	16	5	<5	20	16	45	42
635-264	12		<0.2	66	10	76	<0.2	10	33	<5	8	23	18	34	41
635-266	<5		0.3	18	13	154	0.4	3	<5	<5	7	20	16	43	36
635-267	6		<0.2	29	15	182	0.4	3	7	<5	6	25	11	41	56
635-268	<5		0.6	24	19	157	<0.2	3	8	<5	6	25	11	36	43
635-269	6		<0.2	20	12	128	<0.2	3	<5	<5	<5	18	13	40	21
635-270	17		<0.2	35	13	426	2.4	6	<5	<5	<5	16	15	30	35
635-271	9		<0.2	31	12	249	0.2	5	15	<5	<5	34	9	31	44
635-272	5		0.4	29	18	122	0.4	5	8	5	6	20	10	48	55
635-273	<5		0.4	22	15	185	0.3	3	8	<5	<5	39	15	39	59
635-275	ls		<0.2	85	18	151	0.4	9	17	<5	<5	33	9	43	68
635-279	<5		<0.2	26	10	105	0.5	4	19	<5	6	10	6	35	27
635-280	<5		<0.2	64	14	117	0.4	1	6	<5	<5	24	8	32	39
635-281	18		<0.2	65	11	158	0.9	3	25	<5	6	26	10	60	47
635-282	<5		<0.2	45	11	99	0.3	3	12	<5	<5	28	10	33	39
635-283	<5		<0.2	49	11	69	<0.2	1	12	<5	<5	29	11	38	19
635-284	<5		<0.2	20	13	121	<0.2	4	15	<5	7	24	9	64	47

ls denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 2)

Sample ID	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %
635-189	4.94	1029	125	60	18	7	17	<10	<20	<20	4.27	1.52	0.43	0.06	0.04
635-190	4.57	719	87	63	10	5	15	<10	<20	<20	3.43	0.93	0.16	0.02	0.04
635-191	3.58	519	48	80	38	2	5	<10	<20	<20	2.16	1.97	0.43	0.02	0.03
635-192	4.57	557	56	104	24	3	8	<10	<20	<20	2.38	1.46	0.28	0.02	0.04
635-193	8.64	1919	326	131	26	18	12	<10	<20	<20	0.90	0.52	0.75	<0.01	0.08
635-197	3.02	462	122	68	57	10	16	<10	<20	<20	1.52	0.76	0.72	0.02	0.07
635-198	8.05	850	132	74	66	8	15	<10	<20	<20	2.55	0.65	0.78	0.02	0.04
635-199	5.32	1703	162	74	50	7	13	<10	<20	<20	2.47	0.40	0.50	0.02	0.04
635-200	2.56	615	114	57	46	10	15	<10	<20	<20	1.41	0.70	0.54	0.02	0.07
635-201	2.92	915	148	65	55	12	19	<10	<20	<20	1.73	0.80	0.64	0.02	0.08
635-202	2.20	214	128	76	51	10	16	<10	<20	<20	1.64	0.81	0.65	0.02	0.08
635-205	0.40	41	91	7	105	2	5	<10	<20	<20	0.30	0.08	1.16	0.01	0.02
635-206	4.01	368	131	99	54	14	43	<10	<20	<20	1.74	1.02	0.64	0.02	0.06
635-207	3.09	427	111	75	53	7	12	<10	<20	<20	1.19	0.69	0.70	0.02	0.06
635-211	3.09	915	212	63	44	8	21	<10	<20	<20	1.65	0.80	0.48	0.02	0.07
635-212	1.78	821	139	45	68	5	10	<10	<20	<20	1.02	0.55	0.96	0.02	0.04
635-213	2.10	401	69	55	36	4	9	<10	<20	<20	0.96	0.59	0.51	0.02	0.06
635-217	2.57	397	60	64	23	6	15	<10	<20	<20	1.08	0.74	0.35	0.02	0.05
635-218	2.67	146	37	73	14	2	5	<10	<20	<20	0.88	0.18	0.12	0.01	0.03
635-219	4.02	216	37	83	14	2	7	<10	<20	<20	1.88	0.48	0.12	0.02	0.03
635-220	2.29	181	29	63	14	2	6	<10	<20	<20	0.68	0.30	0.14	0.02	0.03
635-221	2.27	446	68	65	25	3	8	<10	<20	<20	0.85	0.57	0.36	0.02	0.06
635-222	3.82	241	50	86	15	2	8	<10	<20	<20	1.50	0.54	0.13	0.02	0.04
635-223	2.84	585	64	67	24	7	15	<10	<20	<20	0.81	0.63	0.37	0.02	0.06
635-224	2.35	164	40	69	15	2	6	<10	<20	<20	0.64	0.25	0.15	0.01	0.03
635-225	2.86	182	44	76	15	2	6	<10	<20	<20	0.93	0.35	0.12	0.02	0.03
635-226	4.20	323	34	103	11	2	7	<10	<20	<20	0.78	0.40	0.11	0.02	0.04
635-227	5.23	1444	200	93	42	8	19	<10	<20	<20	1.40	0.46	0.47	0.02	0.04
635-228	4.05	1234	416	60	86	25	30	<10	<20	<20	2.49	0.85	1.11	0.02	0.05
635-229	4.39	262	49	125	12	2	7	<10	<20	<20	1.24	0.31	0.07	0.01	0.03
635-230	2.72	143	32	98	11	1	5	<10	<20	<20	0.38	0.04	0.06	0.01	0.02
635-231	2.72	165	45	106	13	1	6	<10	<20	<20	0.63	0.16	0.08	0.01	0.03
635-244	3.56	762	86	100	33	10	15	<10	<20	<20	2.42	1.65	0.84	0.02	0.12
635-247	3.92	405	38	90	18	3	5	<10	<20	<20	1.91	1.32	0.37	0.01	0.05
635-248	4.40	566	74	76	12	3	9	<10	<20	<20	2.28	0.80	0.16	0.02	0.04
635-249	4.48	853	66	93	15	4	9	<10	<20	<20	1.93	0.85	0.16	0.02	0.04
635-255	5.37	563	138	70	12	4	10	<10	<20	<20	2.43	0.48	0.14	0.01	0.03
635-256	4.76	645	79	69	8	3	9	<10	<20	<20	1.76	0.44	0.08	0.01	0.04
635-257	7.10	809	88	137	16	3	7	<10	<20	<20	1.74	0.89	0.17	0.02	0.07
635-258	4.59	688	176	60	28	8	14	<10	<20	<20	3.22	1.13	0.51	0.03	0.05
635-259	4.97	546	92	83	9	3	11	<10	<20	<20	1.07	0.17	0.07	0.02	0.05
635-260	5.19	976	102	58	14	6	12	<10	<20	<20	3.70	1.78	0.34	0.04	0.04
635-261	5.25	681	57	87	20	3	8	<10	<20	<20	1.97	1.04	0.24	0.02	0.07
635-262	4.65	1048	104	61	17	7	14	<10	<20	<20	3.19	0.80	0.27	0.03	0.04
635-263	5.47	1090	49	117	17	4	6	<10	<20	<20	1.98	1.04	0.20	0.02	0.04
635-264	6.32	1332	39	103	14	5	6	<10	<20	<20	2.54	0.99	0.16	0.02	0.04
635-266	5.33	1629	125	82	15	2	8	<10	<20	<20	1.65	0.45	0.15	0.02	0.05
635-267	5.23	741	85	79	15	3	9	<10	<20	<20	2.12	0.63	0.18	0.02	0.04
635-268	4.46	446	102	59	9	6	16	<10	<20	<20	2.42	0.36	0.08	0.02	0.05
635-269	5.32	1008	111	108	24	2	8	<10	<20	<20	1.50	0.68	0.23	0.02	0.07
635-270	4.81	2420	156	96	19	2	6	<10	<20	<20	1.36	0.36	0.24	0.02	0.05
635-271	3.26	441	134	53	37	6	14	<10	<20	<20	1.94	0.88	0.60	0.03	0.05
635-272	5.69	828	173	81	12	3	8	<10	<20	<20	1.76	0.42	0.11	0.01	0.04
635-273	4.88	735	103	58	8	4	11	<10	<20	<20	3.08	0.53	0.11	0.02	0.05
635-275	2.66	237	195	83	66	13	21	<10	<20	<20	2.28	0.98	0.80	0.03	0.10
635-279	5.24	321	89	142	18	2	7	<10	<20	<20	0.86	0.10	0.13	0.01	0.06
635-280	1.74	205	158	58	51	11	17	<10	<20	<20	1.62	0.89	0.69	0.02	0.08
635-281	3.38	350	116	70	90	6	11	<10	<20	<20	1.31	0.92	1.17	0.02	0.05
635-282	2.61	650	113	62	46	9	15	<10	<20	<20	1.51	0.81	0.61	0.02	0.09
635-283	2.56	585	102	59	47	9	15	<10	<20	<20	1.48	0.89	0.64	0.02	0.08
635-284	6.90	564	121	110	19	2	9	<10	<20	<20	1.63	0.72	0.17	0.02	0.06

Is denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 3)

Sample ID	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635-189	15	6	0.33	<10	<5	10	39
635-190	13	11	0.20	<10	<5	13	27
635-191	8	28	0.12	<10	<5	2	1
635-192	7	21	0.11	<10	<5	3	5
635-193	9	4	<0.01	<10	25	1	<1
635-197	6	12	0.07	<10	<5	3	4
635-198	14	12	0.23	<10	<5	14	20
635-199	19	11	0.27	<10	<5	13	19
635-200	6	11	0.07	<10	<5	2	3
635-201	7	13	0.07	<10	<5	2	3
635-202	6	13	0.07	<10	<5	3	4
635-205	<2	<1	0.01	<10	<5	1	2
635-206	9	10	0.14	<10	<5	4	2
635-207	5	11	0.06	<10	<5	2	3
635-211	8	11	0.06	<10	<5	4	3
635-212	6	8	0.05	<10	<5	2	2
635-213	4	8	0.07	<10	<5	2	2
635-217	4	6	0.10	<10	<5	2	5
635-218	5	5	0.10	<10	<5	4	2
635-219	9	10	0.12	<10	<5	9	4
635-220	5	3	0.08	<10	<5	2	1
635-221	4	5	0.07	<10	<5	1	1
635-222	7	8	0.11	<10	<5	4	3
635-223	4	5	0.06	<10	<5	1	3
635-224	4	4	0.06	<10	<5	2	<1
635-225	7	5	0.11	<10	<5	3	2
635-226	7	4	0.21	<10	<5	7	5
635-227	19	11	0.32	<10	<5	13	10
635-228	12	13	0.13	<10	<5	9	14
635-229	14	5	0.20	<10	<5	9	5
635-230	6	<1	0.17	<10	<5	5	2
635-231	9	<1	0.16	<10	<5	7	2
635-244	6	15	0.12	<10	5	3	6
635-247	7	13	0.11	<10	<5	3	3
635-248	10	13	0.14	<10	<5	10	12
635-249	10	12	0.12	<10	<5	7	6
635-255	15	9	0.20	<10	<5	20	22
635-256	15	11	0.14	<10	<5	14	7
635-257	14	11	0.32	<10	<5	19	11
635-258	11	10	0.24	<10	<5	17	29
635-259	18	5	0.30	<10	<5	19	10
635-260	13	6	0.29	<10	<5	13	30
635-261	11	14	0.16	<10	<5	5	5
635-262	12	8	0.22	<10	<5	14	23
635-263	11	12	0.12	<10	<5	6	4
635-264	8	13	0.04	<10	<5	5	2
635-266	16	10	0.26	<10	<5	12	12
635-267	12	11	0.13	<10	<5	11	8
635-268	16	11	0.21	<10	<5	19	24
635-269	13	17	0.21	<10	<5	9	5
635-270	15	10	0.18	<10	<5	12	7
635-271	8	16	0.16	<10	<5	10	17
635-272	14	10	0.18	<10	<5	18	12
635-273	13	9	0.19	<10	<5	16	25
635-275	7	14	0.09	<10	5	6	10
635-279	9	3	0.17	<10	<5	10	3
635-280	6	13	0.08	<10	<5	3	5
635-281	5	16	0.12	<10	<5	7	3
635-282	6	12	0.08	<10	<5	2	3
635-283	5	12	0.09	<10	<5	2	3
635-284	16	11	0.29	<10	<5	13	7

Is denotes insufficient sample for analyses

Project 635

Gnat Pass

Re: 635Sol_06.wk1

Soil Sample Analyses (ICP)
1996

Reference : v96-01221.0, 1222.0, 1223.0, 1335.0

Sample ID	Au30 ppb	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Hg ppb
635-285	12	<0.2	21	13	175	0.5	4	<5	<5	5	22	14	48	65	
635-286	<5	<0.2	86	34	64	<0.2	2	44	<5	<5	43	18	106	24	
635-287	<5	<0.2	49	17	48	<0.2	2	53	<5	<5	59	19	163	21	
635-288	9	<0.2	13	36	104	0.3	3	9	<5	<5	10	6	37	14	
635-289	7	0.2	62	25	129	0.3	4	<5	<5	6	27	14	52	27	
635-290	9	<0.2	15	21	81	<0.2	3	<5	<5	<5	12	5	40	23	
635-291	8	<0.2	41	28	85	0.4	3	11	<5	<5	23	8	35	70	
635-292	<5	<0.2	25	23	103	<0.2	3	9	<5	8	20	7	32	19	
635-293	<5	<0.2	23	35	83	0.5	2	13	5	<5	15	6	25	24	
635-294	<5	<0.2	36	25	119	0.8	3	<5	<5	<5	22	9	32	51	
635-295	is	<0.2	21	15	76	0.5	3	<5	7	5	15	7	45	20	
635-296	<5	0.2	24	12	109	0.5	3	<5	<5	<5	18	7	24	32	
635-297	<5	<0.2	14	7	59	<0.2	2	5	<5	<5	12	5	28	20	
635-298	<5	<0.2	27	13	143	<0.2	3	7	<5	6	22	12	28	20	
635-299	is	<0.2	60	21	101	0.5	5	<5	<5	<5	19	11	27	83	
635-300	8	<0.2	61	13	95	0.7	12	<5	<5	<5	15	10	20	43	
635-301	10	<0.2	53	15	116	<0.2	6	7	<5	<5	23	10	29	32	
635-302	30	<0.2	38	12	139	0.5	2	<5	<5	6	20	7	22	41	
635-303	18	<0.2	32	9	59	<0.2	1	14	6	<5	18	7	44	20	
635-304	<5	<0.2	25	9	67	<0.2	1	9	<5	<5	31	11	42	29	
635-305	5	<0.2	16	8	87	0.3	2	<5	<5	<5	14	5	28	18	
635-306	6	<0.2	39	16	99	<0.2	2	8	<5	<5	22	9	27	36	
635-307	12	<0.2	90	23	116	<0.2	2	15	<5	<5	27	9	30	61	
635-308	is	<0.2	138	78	192	0.5	3	23	<5	5	27	10	30	52	
635-310	9	<0.2	41	13	89	0.6	2	<5	<5	<5	19	8	22	34	
635-311	5	<0.2	10	8	58	<0.2	2	<5	<5	<5	11	6	40	18	
635-312	7	0.2	15	17	115	<0.2	3	7	<5	<5	16	7	36	52	
635-327	18	0.2	20	12	117	0.3	3	6	<5	6	30	9	42	47	
635-328	8	<0.2	19	13	181	<0.2	4	<5	<5	<5	24	12	45	47	
635-329	7	<0.2	38	7	100	<0.2	3	17	<5	<5	34	14	65	20	
635-330	6	<0.2	339	13	161	0.3	2	49	<5	<5	48	15	42	55	
635-332	6	<0.2	25	11	202	0.4	2	<5	<5	8	22	14	58	44	
635-333	<5	<0.2	35	11	69	<0.2	2	21	<5	<5	32	15	70	53	
635-336	<5	<0.2	18	12	127	0.3	3	<5	<5	<5	32	12	39	56	
635-337	6	<0.2	72	8	163	0.6	4	<5	5	<5	19	10	37	36	
635-338	8	0.7	2193	16	310	1.3	4	12	<5	<5	60	17	40	59	
635-339	5	0.2	42	12	104	<0.2	2	18	<5	<5	42	16	47	40	
635-340	<5	<0.2	23	12	188	1.0	2	<5	<5	<5	27	22	46	63	
635-341	<5	<0.2	23	14	63	<0.2	3	15	<5	<5	28	10	49	42	
635-343	<5	<0.2	54	14	68	<0.2	2	11	<5	6	34	15	72	38	
635-344	<5	0.3	34	22	142	<0.2	2	7	<5	<5	41	20	36	40	
635-345	<5	0.3	25	18	200	<0.2	3	12	<5	<5	36	18	36	53	
635-346	<5	0.4	18	16	192	0.4	7	<5	<5	5	19	12	42	47	
635-347	<5	<0.2	35	14	100	0.8	3	20	<5	5	24	13	58	25	
635-348	8	<0.2	15	19	129	<0.2	4	<5	<5	7	25	12	42	58	
635-349	8	<0.2	58	13	83	0.2	2	7	<5	<5	27	12	51	56	
635-350	<5	0.2	15	11	169	0.3	4	<5	<5	<5	27	13	43	<10	
635-351	<5	0.3	740	10	89	<0.2	4	16	<5	<5	59	17	32	59	
635-352	<5	0.2	37	13	351	1.3	5	<5	<5	8	41	17	48	45	
635-353	<5	0.3	23	17	136	0.7	6	6	<5	6	38	12	38	75	
635-354	<5	<0.2	96	12	109	<0.2	4	<5	<5	5	58	15	31	54	
635-355	6	<0.2	15	15	102	<0.2	4	<5	<5	8	11	5	31	45	
635-356	<5	0.3	53	6	85	0.4	6	27	7	13	20	10	20	49	
635-357	<5	<0.2	97	14	116	0.3	3	16	<5	6	29	10	38	45	
635-358	<5	<0.2	62	13	103	0.2	3	12	<5	8	28	11	37	34	
635-359	<5	<0.2	11	13	70	<0.2	<1	6	<5	<5	159	23	294	25	
635-360	<5	<0.2	15	15	179	0.5	3	13	<5	7	19	11	42	39	
635-361	<5	0.6	182	22	211	2.1	3	9	<5	5	33	16	49	38	
635-362	<5	<0.2	98	21	127	<0.2	3	13	<5	<5	35	12	44	47	
635-363	12	<0.2	44	20	139	0.2	3	14	<5	<5	26	10	41	28	
635-364	<5	0.3	26	10	77	<0.2	2	7	<5	<5	21	8	28	18	

Is denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 2)

Sample ID	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %
635-285	6.30	1330	71	99	10	2	8	<10	<20	<20	1.46	0.35	0.09	0.02	0.04
635-286	3.91	682	271	92	27	5	11	<10	<20	<20	1.66	1.46	0.45	0.02	0.11
635-287	4.37	448	54	103	18	3	5	<10	<20	<20	2.35	1.99	0.28	0.03	0.06
635-288	5.37	459	58	114	13	2	10	<10	<20	<20	0.97	0.25	0.07	0.02	0.04
635-289	5.01	917	131	91	20	5	13	<10	<20	<20	2.59	0.74	0.14	0.02	0.07
635-290	4.16	267	50	118	14	2	6	<10	<20	<20	1.18	0.34	0.09	0.02	0.04
635-291	2.94	343	138	72	35	6	13	<10	<20	<20	1.51	0.53	0.34	0.03	0.05
635-292	2.68	438	63	77	25	3	8	<10	<20	<20	1.48	0.66	0.24	0.02	0.08
635-293	1.91	362	66	58	22	3	9	<10	<20	<20	1.25	0.55	0.25	0.02	0.07
635-294	3.07	447	135	75	44	8	15	<10	<20	<20	1.43	0.72	0.57	0.02	0.07
635-295	5.58	384	47	158	20	4	8	<10	<20	<20	0.81	0.45	0.23	0.02	0.05
635-296	2.30	434	58	56	43	5	10	<10	<20	<20	1.19	0.63	0.56	0.02	0.08
635-297	2.27	192	68	75	33	3	9	<10	<20	<20	0.84	0.46	0.44	0.02	0.06
635-298	3.01	539	84	73	30	4	10	<10	<20	<20	1.49	0.70	0.35	0.02	0.08
635-299	2.51	898	201	65	61	9	17	<10	<20	<20	1.20	0.54	0.75	0.02	0.07
635-300	2.03	765	119	47	97	14	30	<10	<20	<20	1.30	0.53	1.67	0.02	0.04
635-301	2.85	554	106	70	49	7	14	<10	<20	<20	1.32	0.72	0.66	0.02	0.07
635-302	2.27	465	170	56	82	7	12	<10	<20	<20	1.18	0.64	1.06	0.02	0.06
635-303	2.62	234	98	67	36	3	9	<10	<20	<20	0.95	0.72	0.41	0.02	0.03
635-304	3.40	380	71	70	21	4	10	<10	<20	<20	1.71	0.88	0.29	0.02	0.04
635-305	2.82	231	90	92	27	3	7	<10	<20	<20	0.97	0.50	0.36	0.01	0.06
635-306	2.51	517	167	58	49	9	15	<10	<20	<20	1.61	0.69	0.62	0.02	0.06
635-307	2.75	486	248	54	69	14	19	<10	<20	<20	1.72	0.75	0.86	0.02	0.08
635-308	3.07	1042	220	56	78	16	22	<10	<20	<20	1.74	0.73	0.94	0.02	0.08
635-310	1.95	768	201	50	113	5	8	<10	<20	<20	1.30	0.63	1.45	0.02	0.06
635-311	5.40	433	56	137	17	2	6	<10	<20	<20	0.89	0.33	0.10	0.02	0.03
635-312	5.30	585	83	78	10	4	12	<10	<20	<20	2.57	0.23	0.08	0.02	0.03
635-327	4.23	510	60	63	10	5	12	<10	<20	<20	2.54	0.60	0.12	0.02	0.05
635-328	6.11	807	90	86	11	3	11	<10	<20	<20	1.84	0.56	0.15	0.02	0.06
635-329	5.76	541	61	99	18	4	11	<10	<20	<20	1.75	1.21	0.35	0.02	0.06
635-330	4.22	901	89	83	37	17	24	<10	<20	<20	2.54	1.04	1.05	0.04	0.05
635-332	4.61	1006	130	92	21	3	8	<10	<20	<20	1.57	0.87	0.28	0.02	0.05
635-333	4.39	396	47	98	22	4	7	<10	<20	<20	2.25	1.11	0.34	0.02	0.05
635-336	5.51	990	124	77	8	4	9	<10	<20	<20	2.38	0.44	0.09	0.02	0.04
635-337	5.29	516	93	94	17	3	7	<10	<20	<20	1.17	0.52	0.20	0.01	0.06
635-338	4.73	1010	125	79	43	27	34	<10	<20	<20	3.12	1.14	0.84	0.04	0.07
635-339	4.44	514	94	83	21	4	9	<10	<20	<20	2.57	1.09	0.27	0.02	0.05
635-340	6.13	2820	133	93	13	3	8	<10	<20	<20	1.89	0.39	0.15	0.02	0.04
635-341	4.91	431	75	83	17	2	7	<10	<20	<20	1.77	0.66	0.19	0.02	0.05
635-343	3.53	563	53	86	20	3	6	<10	<20	<20	1.63	1.16	0.35	0.02	0.05
635-344	5.26	1090	60	72	12	10	19	<10	<20	<20	3.79	0.98	0.19	0.03	0.04
635-345	4.97	749	80	65	11	4	9	<10	<20	<20	3.12	0.78	0.21	0.02	0.04
635-346	5.98	820	80	91	9	3	9	<10	<20	<20	1.71	0.39	0.09	0.02	0.04
635-347	5.28	750	116	127	22	2	4	<10	<20	<20	1.25	0.89	0.24	0.02	0.05
635-348	6.07	925	70	80	8	3	9	<10	<20	<20	1.82	0.54	0.10	0.02	0.04
635-349	4.39	489	53	86	14	3	8	<10	<20	<20	2.32	0.95	0.25	0.02	0.04
635-350	6.22	563	87	80	10	3	8	<10	<20	<20	2.29	0.49	0.13	0.02	0.03
635-351	4.48	904	194	67	37	20	32	<10	<20	<20	2.50	1.48	0.66	0.06	0.05
635-352	5.54	1619	168	79	10	6	13	<10	<20	<20	2.68	0.60	0.11	0.02	0.04
635-353	4.85	599	102	58	11	5	12	<10	<20	<20	3.37	0.66	0.16	0.02	0.04
635-354	4.47	723	201	52	48	13	24	<10	<20	<20	2.82	1.33	0.79	0.06	0.04
635-355	4.77	732	100	89	13	2	7	<10	<20	<20	1.08	0.19	0.09	0.01	0.06
635-356	>10.00	2071	178	47	68	11	20	<10	<20	<20	1.17	0.48	0.66	0.02	0.06
635-357	3.56	414	177	65	50	17	23	<10	<20	<20	1.86	0.87	0.60	0.03	0.10
635-358	3.03	510	127	72	47	12	19	<10	<20	<20	1.58	0.83	0.60	0.03	0.09
635-359	3.36	539	74	67	35	2	3	<10	<20	<20	2.70	2.85	0.67	0.03	0.07
635-360	6.01	1119	147	108	15	2	7	<10	<20	<20	1.27	0.41	0.13	0.02	0.06
635-361	5.50	1255	193	85	28	9	22	<10	<20	<20	2.57	0.64	0.21	0.02	0.08
635-362	3.41	760	240	65	63	18	23	<10	<20	<20	2.35	0.91	0.64	0.02	0.11
635-363	3.68	583	154	78	26	3	9	<10	<20	<20	2.23	0.77	0.25	0.02	0.12
635-364	2.33	388	69	54	25	5	11	<10	<20	<20	1.33	0.69	0.36	0.02	0.08

Is denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 3)

Sample ID	Ga ppm	Li ppm	Tl %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635-285	18	8	0.46	<10	<5	13	13
635-286	5	10	0.12	<10	<5	2	2
635-287	5	19	0.16	<10	<5	2	2
635-288	16	5	0.34	<10	<5	9	6
635-289	12	15	0.21	<10	<5	7	12
635-290	13	6	0.25	<10	<5	12	6
635-291	9	9	0.20	<10	<5	9	10
635-292	7	8	0.09	<10	<5	3	2
635-293	5	7	0.07	<10	<5	2	1
635-294	5	10	0.07	<10	<5	3	4
635-295	2	5	0.08	<10	<5	3	1
635-296	4	9	0.07	<10	<5	3	3
635-297	3	5	0.08	<10	<5	2	2
635-298	6	11	0.08	<10	<5	3	2
635-299	6	10	0.06	<10	<5	3	3
635-300	4	7	0.04	<10	<5	3	3
635-301	6	10	0.08	<10	<5	3	3
635-302	4	9	0.06	<10	<5	3	4
635-303	4	9	0.06	<10	<5	2	1
635-304	6	8	0.11	<10	<5	4	14
635-305	3	6	0.06	<10	<5	2	1
635-306	5	11	0.07	<10	<5	3	4
635-307	6	13	0.09	<10	<5	4	7
635-308	8	13	0.08	<10	<5	4	6
635-310	7	9	0.07	<10	<5	3	4
635-311	8	4	0.19	<10	<5	6	5
635-312	16	10	0.34	<10	<5	22	26
635-327	12	10	0.18	<10	<5	13	18
635-328	18	11	0.31	<10	<5	13	16
635-329	11	16	0.24	<10	<5	8	14
635-330	9	12	0.21	<10	5	10	23
635-332	11	13	0.10	<10	<5	6	3
635-333	6	12	0.10	<10	<5	5	7
635-336	13	9	0.21	<10	<5	19	24
635-337	11	9	0.19	<10	<5	11	7
635-338	13	19	0.24	<10	7	12	28
635-339	9	14	0.14	<10	<5	8	14
635-340	19	8	0.32	<10	<5	10	12
635-341	10	11	0.15	<10	<5	7	6
635-343	4	12	0.07	<10	<5	2	2
635-344	14	9	0.31	<10	<5	12	32
635-345	13	9	0.23	<10	<5	14	22
635-346	18	9	0.32	<10	<5	12	12
635-347	6	12	0.10	<10	<5	4	2
635-348	17	11	0.33	<10	<5	18	18
635-349	9	11	0.18	<10	<5	8	9
635-350	15	8	0.31	<10	<5	18	22
635-351	11	12	0.27	<10	<5	10	34
635-352	17	9	0.28	<10	<5	15	24
635-353	12	10	0.19	<10	<5	15	24
635-354	11	10	0.31	<10	<5	12	37
635-355	18	5	0.21	<10	<5	17	6
635-356	7	9	0.05	<10	<5	4	5
635-357	6	13	0.09	<10	5	3	5
635-358	6	12	0.10	<10	<5	3	4
635-359	8	14	0.19	<10	<5	2	3
635-360	16	8	0.21	<10	<5	10	3
635-361	15	20	0.23	<10	<5	14	14
635-362	9	15	0.08	<10	<5	3	5
635-363	8	15	0.11	<10	<5	4	3
635-364	5	10	0.08	<10	<5	3	4

Is denotes insufficient sample for analyses

Project 635

Gnat Pass

No: 635Sol_96.wk1

Soil Sample Analyses (ICP)
1996

Reference : v96-01221.0, 1222.0, 1223.0, 1335.0

Sample ID	Au30 ppb	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Hg ppb
635-365	<5		<0.2	17	8	81	0.5	3	<5	<5	<5	17	8	39	11
635-366	<5		<0.2	42	13	118	0.4	3	40	<5	<5	30	12	79	40
635-367	<5		<0.2	50	13	106	0.5	5	6	<5	<5	23	10	28	20
635-368	<5		<0.2	12	12	102	1.8	3	6	<5	<5	9	4	30	42
635-369	<5		<0.2	44	21	110	0.2	5	11	<5	<5	23	8	37	23
635-370	<5		<0.2	163	14	98	0.7	6	6	<5	<5	27	12	34	53
635-373	<5		<0.2	12	9	151	0.6	8	6	<5	6	24	9	62	32
635-376	18		<0.2	368	12	92	0.4	5	9	<5	<5	27	22	95	54
635-377	<5		<0.2	642	12	75	<0.2	3	15	<5	<5	37	39	101	43
635-378	<5		<0.2	181	10	50	0.3	5	7	<5	<5	26	20	43	24
635-379	<5		<0.2	63	12	57	<0.2	3	<5	<5	<5	17	11	34	16
635-380	<5		<0.2	81	14	73	<0.2	10	<5	<5	<5	27	17	37	35
635-381	<5		<0.2	9	12	71	<0.2	3	<5	<5	6	21	11	37	26
635-382	<5		<0.2	12	11	35	<0.2	2	<5	<5	<5	11	6	29	28
635-383	<5		<0.2	11	11	63	0.2	2	<5	<5	<5	18	9	34	21
635-384	<5		<0.2	12	14	72	0.3	6	<5	<5	<5	11	6	29	30
635-385	<5		0.2	27	15	114	0.4	8	<5	<5	<5	20	10	42	32
635-386	<5		0.2	10	14	148	0.6	5	<5	<5	<5	15	9	39	40
635-387	<5		<0.2	35	14	108	0.4	17	<5	<5	6	15	7	45	26
635-388	<5		<0.2	110	11	42	<0.2	2	<5	<5	<5	30	13	36	23
635-389	<5		0.4	20	13	65	0.5	4	<5	<5	<5	38	12	40	66
635-390	<5		0.3	9	13	117	0.4	4	<5	<5	<5	7	7	42	31
635-391	<5		<0.2	11	16	117	0.3	4	<5	<5	<5	37	12	43	57
635-492	<5		<0.2	69	9	71	0.3	2	10	<5	<5	34	14	68	21
635-493	<5		<0.2	286	14	86	<0.2	2	22	<5	<5	52	23	113	19
635-494	15		<0.2	263	14	84	<0.2	2	10	<5	<5	48	21	107	27
635-495	103		<0.2	861	9	54	<0.2	2	<5	<5	<5	52	15	121	87
635-498	<5		<0.2	26	15	276	0.7	3	<5	<5	<5	26	13	36	51
635-499	<5		<0.2	19	14	98	0.3	4	<5	<5	<5	30	9	36	52
635-500	<5		<0.2	13	14	145	0.6	4	<5	<5	5	29	9	30	64
635-501	<5		<0.2	36	11	85	<0.2	2	<5	<5	<5	58	16	33	30
635-502	<5		<0.2	29	12	203	0.5	2	<5	<5	7	38	19	38	36
635-503	<5		<0.2	18	14	81	<0.2	3	<5	<5	<5	50	18	29	43
635-504	<5		<0.2	27	8	64	<0.2	2	<5	<5	<5	28	8	42	33
635-505	15		0.2	23	8	92	<0.2	3	<5	<5	<5	38	14	33	38
635-506	<5		0.4	24	16	75	<0.2	4	<5	<5	<5	23	11	59	42
635-507	<5		<0.2	17	13	102	0.8	3	<5	<5	<5	18	11	39	32
635-509	<5		<0.2	33	10	94	0.4	3	<5	<5	<5	37	15	67	33
635-510	7		0.2	16	13	109	0.3	5	<5	<5	7	24	9	49	39
635-511	10		<0.2	33	8	231	0.8	3	<5	<5	7	37	17	89	47
635-512	7		<0.2	28	11	133	<0.2	2	<5	<5	5	52	17	29	26
635-513	<5		<0.2	25	11	87	<0.2	3	<5	<5	<5	72	19	32	23
635-514	7		<0.2	119	21	99	0.6	5	25	<5	<5	35	17	61	37
635-517	<5		<0.2	24	12	184	0.7	6	<5	<5	<5	25	9	44	43
635-519	<5		<0.2	37	7	59	<0.2	2	12	<5	<5	22	9	46	24
635-520	10		<0.2	23	10	127	0.5	3	<5	<5	<5	38	15	37	43
635-521	<5		<0.2	13	11	80	0.4	4	<5	<5	5	26	8	39	40
635-522	<5		<0.2	19	15	88	<0.2	3	<5	<5	<5	44	15	30	59
635-523	<5		<0.2	15	9	135	<0.2	3	<5	<5	6	41	13	120	34
635-524	<5		<0.2	40	9	60	0.4	2	12	<5	6	40	16	90	36
635-525	<5		<0.2	15	12	108	0.3	4	<5	<5	<5	22	8	36	58
635-526	10		<0.2	12	12	169	<0.2	5	<5	<5	8	18	6	44	26
635-527	20		<0.2	327	13	108	<0.2	4	9	<5	5	39	12	46	82
635-528	11		<0.2	860	10	119	0.4	6	<5	<5	<5	37	19	34	61
635-529	7		<0.2	22	10	118	0.3	4	5	<5	<5	26	10	54	39
635-530	8		<0.2	111	8	64	<0.2	4	22	<5	7	40	16	102	24
635-531	<5		<0.2	226	12	108	<0.2	8	<5	<5	8	34	12	42	40
635-534	20		<0.2	72	8	93	0.4	23	<5	<5	7	19	23	76	25
635-535	<5		<0.2	438	10	74	<0.2	6	<5	<5	8	32	19	85	22
635-536	7		<0.2	559	10	57	<0.2	7	<5	<5	9	30	23	55	15
635-537	11		<0.2	125	7	72	<0.2	4	<5	<5	<5	22	16	53	21

Is denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 2)

Sample ID	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %
635-365	4.36	439	56	121	24	4	11	<10	<20	<20	0.95	0.56	0.36	0.02	0.07
635-366	4.70	620	148	111	39	2	6	<10	<20	<20	1.70	1.12	0.42	0.02	0.05
635-367	2.45	603	111	60	52	7	13	<10	<20	<20	1.36	0.74	0.65	0.02	0.08
635-368	2.95	308	88	89	21	2	6	<10	<20	<20	0.64	0.09	0.15	0.01	0.04
635-369	3.24	385	187	77	33	3	8	<10	<20	<20	1.81	0.67	0.25	0.02	0.10
635-370	2.70	771	176	61	85	14	20	<10	<20	<20	1.73	0.84	1.08	0.02	0.09
635-373	8.49	754	94	106	10	3	13	<10	<20	<20	1.69	0.58	0.09	0.02	0.04
635-376	4.66	627	80	148	19	2	4	<10	<20	<20	1.42	1.57	0.58	0.02	0.07
635-377	5.17	955	48	142	18	2	4	<10	<20	<20	2.19	2.23	0.74	0.03	0.06
635-378	4.31	649	60	87	26	5	9	<10	<20	<20	1.82	0.99	0.33	0.02	0.06
635-379	3.29	710	138	83	35	2	8	<10	<20	<20	1.28	0.42	0.37	0.02	0.04
635-380	4.43	853	110	72	57	4	12	<10	<20	<20	1.96	0.55	0.53	0.03	0.04
635-381	4.81	555	85	86	32	2	9	<10	<20	<20	1.42	0.35	0.25	0.02	0.04
635-382	2.83	319	92	85	21	2	6	<10	<20	<20	1.11	0.32	0.13	0.02	0.03
635-383	4.02	498	100	81	32	2	8	<10	<20	<20	1.19	0.41	0.32	0.02	0.05
635-384	3.96	430	63	93	12	1	7	<10	<20	<20	0.81	0.11	0.08	0.01	0.04
635-385	6.39	518	115	96	11	3	13	<10	<20	<20	1.57	0.30	0.07	0.02	0.06
635-386	6.68	829	85	94	8	2	8	<10	<20	<20	1.56	0.24	0.05	0.02	0.04
635-387	7.07	649	96	111	9	3	15	<10	<20	<20	1.41	0.34	0.05	0.02	0.05
635-388	3.45	499	69	67	24	5	12	<10	<20	<20	2.02	0.88	0.29	0.03	0.06
635-389	5.05	428	75	64	12	4	13	<10	<20	<20	3.15	0.69	0.11	0.02	0.04
635-390	7.06	575	124	102	9	3	13	<10	<20	<20	1.57	0.27	0.06	0.02	0.05
635-391	6.65	908	110	86	15	3	10	<10	<20	<20	2.94	0.69	0.15	0.03	0.04
635-492	2.97	728	102	72	23	4	6	<10	<20	<20	1.60	1.18	0.39	0.02	0.05
635-493	3.88	816	85	105	34	6	11	<10	<20	<20	2.16	1.92	0.80	0.02	0.15
635-494	4.03	695	68	107	27	4	8	<10	<20	<20	2.58	1.77	0.61	0.02	0.13
635-495	4.64	405	82	100	20	5	13	<10	<20	<20	2.49	1.64	0.42	0.02	0.05
635-498	4.93	823	99	59	8	3	8	<10	<20	<20	2.76	0.43	0.07	0.02	0.04
635-499	5.04	675	91	67	8	4	8	<10	<20	<20	2.48	0.63	0.09	0.01	0.03
635-500	4.46	767	106	42	14	5	8	<10	<20	<20	3.12	0.46	0.14	0.02	0.03
635-501	4.73	946	119	48	16	10	22	<10	<20	<20	3.89	1.48	0.36	0.04	0.05
635-502	5.31	1118	102	64	10	6	12	<10	<20	<20	2.71	0.80	0.18	0.02	0.03
635-503	4.54	963	82	49	17	8	16	<10	<20	<20	4.78	1.30	0.35	0.04	0.04
635-504	3.44	451	57	57	13	4	10	<10	<20	<20	2.04	0.71	0.20	0.02	0.03
635-505	4.50	662	83	51	11	5	10	<10	<20	<20	3.31	0.75	0.21	0.02	0.03
635-506	5.04	497	45	82	10	4	7	<10	<20	<20	2.05	0.61	0.10	0.01	0.04
635-507	4.61	1235	173	81	12	2	7	<10	<20	<20	1.12	0.43	0.12	0.02	0.05
635-509	5.80	531	90	102	13	3	7	<10	<20	<20	2.04	1.11	0.16	0.02	0.04
635-510	6.03	648	116	84	16	3	6	<10	<20	<20	1.42	0.51	0.22	0.02	0.04
635-511	4.17	1076	94	71	17	3	5	<10	<20	<20	1.94	0.96	0.21	0.01	0.04
635-512	4.42	1010	165	52	20	8	16	<10	<20	<20	3.82	1.31	0.36	0.04	0.04
635-513	4.92	885	146	51	19	9	17	<10	<20	<20	3.42	1.80	0.41	0.05	0.05
635-514	4.49	942	157	81	36	7	10	<10	<20	<20	2.08	1.22	0.61	0.02	0.05
635-517	6.33	701	115	96	13	4	8	<10	<20	<20	1.77	0.60	0.14	0.01	0.05
635-519	3.22	327	56	71	19	3	4	<10	<20	<20	1.17	0.77	0.24	0.01	0.04
635-520	4.44	1049	97	51	9	7	16	<10	<20	<20	3.06	0.84	0.18	0.03	0.04
635-521	5.06	476	72	64	7	4	9	<10	<20	<20	2.31	0.50	0.09	0.02	0.04
635-522	4.27	670	56	46	6	9	17	<10	<20	<20	4.46	0.90	0.16	0.03	0.04
635-523	4.79	583	63	70	7	2	7	<10	<20	<20	2.29	1.17	0.07	0.01	0.06
635-524	5.64	532	41	113	12	5	11	<10	<20	<20	2.57	1.00	0.26	0.02	0.04
635-525	4.87	701	76	65	7	4	7	<10	<20	<20	2.51	0.43	0.08	0.01	0.04
635-526	6.06	526	112	88	9	2	7	<10	<20	<20	1.63	0.40	0.07	0.01	0.04
635-527	3.43	756	200	60	61	21	23	<10	<20	<20	2.06	1.07	0.69	0.03	0.08
635-528	4.20	1149	153	56	54	31	36	<10	<20	<20	3.18	0.67	0.62	0.03	0.02
635-529	6.02	518	119	96	16	2	5	<10	<20	<20	1.88	0.86	0.17	0.02	0.05
635-530	5.30	419	72	92	17	2	5	<10	<20	<20	2.17	1.34	0.16	0.02	0.04
635-531	5.01	452	93	70	19	3	6	<10	<20	<20	2.46	0.94	0.29	0.02	0.04
635-534	8.64	822	36	244	20	2	4	<10	<20	<20	1.90	1.19	0.35	0.02	0.05
635-535	3.98	650	45	83	15	3	8	<10	<20	<20	2.22	1.85	0.30	0.03	0.04
635-536	4.28	827	47	86	19	3	7	<10	<20	<20	1.66	1.47	0.27	0.02	0.05
635-537	4.73	915	53	95	13	2	5	<10	<20	<20	1.34	0.90	0.11	0.02	0.04

ls denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 3)

Sample ID	Ga ppm	Li ppm	Tl %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635-365	4	6	0.10	<10	<5	2	2
635-366	11	16	0.17	<10	<5	6	3
635-367	5	11	0.08	<10	<5	2	3
635-368	7	2	0.14	<10	<5	8	2
635-369	7	16	0.11	<10	<5	4	4
635-370	7	13	0.08	<10	<5	3	5
635-373	22	11	0.46	<10	<5	16	19
635-376	8	12	0.14	<10	<5	2	<1
635-377	8	29	0.18	<10	<5	2	1
635-378	8	12	0.15	<10	<5	6	6
635-379	9	14	0.22	<10	<5	8	7
635-380	12	17	0.27	<10	<5	11	17
635-381	12	8	0.34	<10	<5	10	10
635-382	8	9	0.15	<10	<5	5	2
635-383	10	9	0.22	<10	<5	9	6
635-384	12	4	0.26	<10	<5	13	5
635-385	16	10	0.37	<10	<5	15	12
635-386	16	9	0.37	<10	<5	15	11
635-387	23	9	0.49	<10	<5	15	18
635-388	7	9	0.17	<10	<5	4	13
635-389	11	13	0.24	<10	<5	16	30
635-390	19	9	0.41	<10	<5	18	16
635-391	19	11	0.42	<10	<5	20	39
635-492	5	10	0.09	<10	<5	4	1
635-493	6	15	0.13	<10	<5	2	4
635-494	6	15	0.12	<10	<5	3	5
635-495	7	13	0.14	<10	<5	5	7
635-498	14	13	0.13	<10	<5	22	20
635-499	13	12	0.12	<10	<5	17	18
635-500	14	9	0.10	<10	<5	25	36
635-501	11	6	0.23	<10	<5	9	33
635-502	13	8	0.15	<10	<5	11	17
635-503	15	6	0.24	<10	<5	14	41
635-504	7	7	0.13	<10	<5	7	9
635-505	11	5	0.20	<10	<5	14	28
635-506	12	9	0.15	<10	<5	15	11
635-507	15	8	0.30	<10	<5	9	6
635-509	11	17	0.23	<10	<5	11	10
635-510	16	7	0.26	<10	<5	21	14
635-511	9	10	0.14	<10	<5	9	7
635-512	12	7	0.23	<10	<5	11	29
635-513	11	7	0.29	<10	<5	9	38
635-514	7	10	0.05	<10	<5	6	4
635-517	14	11	0.15	<10	<5	15	8
635-519	3	8	0.03	<10	<5	2	<1
635-520	12	9	0.17	<10	<5	13	24
635-521	14	9	0.16	<10	<5	17	15
635-522	13	8	0.19	<10	<5	14	35
635-523	13	14	0.16	<10	<5	13	8
635-524	5	9	0.13	<10	<5	6	14
635-525	13	11	0.13	<10	<5	18	13
635-526	17	12	0.19	<10	<5	16	6
635-527	8	13	0.11	<10	6	4	12
635-528	11	7	0.21	<10	7	12	37
635-529	14	16	0.16	<10	<5	9	4
635-530	9	21	0.16	<10	<5	8	8
635-531	9	13	0.18	<10	<5	14	17
635-534	10	23	0.16	<10	<5	9	3
635-535	12	22	0.23	<10	<5	7	6
635-536	5	15	0.07	<10	<5	2	2
635-537	9	10	0.18	<10	<5	5	4

Is denotes insufficient sample for analyses

Project 635

Gnat Pass

No: 635Sol_96.wrt

Soil Sample Analyses (ICP)
1996

Reference : v96-01221.0, 1222.0, 1223.0, 1335.0

Sample ID	Au30 ppb	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Hg ppb
635-538	17		<0.2	221	11	106	<0.2	9	<5	<5	5	32	11	39	39
635-539	<5		<0.2	339	11	111	0.4	6	<5	<5	5	19	13	43	38
635-540	<5		<0.2	66	6	61	<0.2	3	<5	<5	<5	23	9	39	15
635-541	<5		<0.2	76	10	125	0.2	7	<5	<5	<5	27	12	43	26
635-542	<5		<0.2	85	7	88	<0.2	5	<5	<5	<5	35	16	31	37
635-543	<5		<0.2	33	8	91	<0.2	3	<5	<5	<5	43	18	27	19
635-544	<5		<0.2	365	10	74	0.2	6	<5	<5	<5	32	12	37	33
635-545	<5		<0.2	312	9	52	<0.2	6	<5	<5	<5	12	7	30	33
635-546	<5		<0.2	34	6	66	<0.2	3	<5	<5	5	38	12	32	49
635-547	<5		<0.2	78	12	40	<0.2	3	<5	<5	<5	10	4	23	34
635-571	<5		<0.2	108	10	124	<0.2	6	7	<5	7	13	15	31	39
635-572	<5		0.4	136	10	80	0.5	1	45	14	<5	36	16	37	30
635-573	<5		<0.2	327	16	88	0.4	1	66	18	<5	57	26	127	16
635-574	<5		<0.2	151	9	62	0.8	<1	47	11	<5	37	16	83	15
635-575	<5		0.3	29	10	168	1.5	2	36	12	<5	33	20	48	48
635-576	<5		<0.2	325	9	58	0.4	2	32	8	<5	30	16	54	23
635-580	6		<0.2	100	14	72	0.8	2	63	18	<5	53	22	113	35
635-581	<5		0.3	31	11	106	0.7	2	52	18	<5	47	17	68	52
635-582	<5		0.3	12	9	245	1.9	2	31	8	6	30	18	48	31
635-583	<5		0.3	18	9	144	1.0	2	38	14	<5	29	10	44	47
635-584	<5		0.3	23	11	129	0.8	1	47	13	<5	42	17	39	23
635-585	<5		<0.2	85	11	87	0.4	<1	39	12	6	34	16	52	55
635-586	<5		0.3	29	13	165	1.0	2	47	11	<5	34	17	48	49
635-587	<5		<0.2	60	15	120	1.0	2	42	16	<5	35	19	94	36
635-588	<5		<0.2	42	19	179	0.8	1	25	11	<5	30	13	67	38
635-589	6		<0.2	95	10	381	2.4	3	25	8	<5	23	23	63	94
635-590	<5		0.5	19	18	466	2.1	3	49	7	5	19	12	44	76
635-591	<5		<0.2	36	8	145	0.8	4	41	6	<5	26	10	71	38
635-592	<5		0.2	20	10	149	1.0	2	39	13	<5	48	16	31	81
635-593	<5		<0.2	107	13	121	0.2	3	38	<5	<5	36	13	51	22
635-594	<5		0.2	23	15	128	0.6	5	18	<5	<5	12	5	26	49
635-595	7		<0.2	34	12	144	0.8	3	30	7	<5	42	12	72	45
635-596	<5		0.3	61	11	255	1.5	3	23	8	<5	31	12	34	57
635-597	6		<0.2	36	13	127	0.6	3	19	<5	<5	28	9	43	74
635-598	18		<0.2	815	309	72	0.5	7	37	10	9	56	59	60	46
635-599	<5		<0.2	99	15	92	<0.2	2	50	<5	5	45	20	107	31
635-600	<5		0.2	29	14	86	0.4	2	42	9	<5	44	16	28	25
635-601	<5		0.2	22	13	303	0.8	3	21	<5	<5	27	14	56	52
635-602	<5		<0.2	22	13	124	<0.2	<1	50	<5	<5	61	19	34	36
635-603	<5		<0.2	16	9	115	0.5	2	43	<5	<5	55	16	126	54
635-604	<5		0.4	28	14	126	0.5	1	48	9	<5	49	18	35	42
635-605	<5		<0.2	34	10	88	0.4	2	241	<5	5	33	11	78	55
635-606	<5		0.3	36	13	171	1.2	5	16	5	<5	34	12	37	24
635-607	<5		0.2	34	16	95	0.6	4	34	10	6	48	16	33	24
635-608	<5		0.3	595	7	98	0.5	2	15	<5	<5	66	25	48	32
635-609	<5		0.2	112	12	162	0.5	5	38	<5	<5	37	17	60	28
635-610	<5		<0.2	36	10	91	0.3	3	42	5	<5	24	11	66	44
635-611	6		0.4	29	14	118	0.9	4	23	<5	<5	33	14	76	41
635-612	6		0.3	18	13	156	0.3	3	28	<5	<5	47	24	46	61
635-613	39		<0.2	607	11	71	<0.2	3	26	<5	<5	34	18	69	15
635-614	<5		<0.2	33	9	92	0.4	3	20	<5	<5	21	8	49	49
635-615	<5		0.2	495	9	103	0.3	4	9	<5	<5	42	18	25	33
635-616	ls		<0.2	322	26	210	0.7	9	37	<5	7	9	18	15	59
635-617	7		<0.2	1724	13	98	0.4	3	24	<5	<5	33	13	29	34
635-618	<5		<0.2	170	8	73	0.4	7	32	<5	<5	29	14	70	31
635-619	<5		0.3	96	14	184	0.9	4	21	<5	<5	34	17	61	51
635-620	<5		<0.2	133	8	115	0.2	4	51	<5	5	45	19	123	29
635-621	<5		<0.2	36	11	84	<0.2	3	32	7	<5	28	10	88	33
635-622	<5		0.2	32	11	100	0.3	6	47	<5	<5	27	12	83	26
635-623	5		0.4	60	13	86	0.2	2	22	8	<5	55	19	32	66
635-624	<5		0.4	28	14	137	0.6	3	23	6	<5	21	10	41	34

ls denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 2)

Sample ID	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %
635-538	4.80	427	83	66	17	2	6	<10	<20	<20	2.31	0.89	0.24	0.02	0.03
635-539	5.99	959	88	94	12	4	11	<10	<20	<20	1.78	0.31	0.10	0.02	0.04
635-540	3.55	422	56	70	18	2	5	<10	<20	<20	1.39	0.94	0.21	0.02	0.03
635-541	5.40	746	77	87	27	4	11	<10	<20	<20	1.78	0.76	0.34	0.02	0.04
635-542	4.15	984	100	58	44	7	13	<10	<20	<20	2.28	1.04	0.67	0.03	0.04
635-543	4.68	872	144	52	29	6	13	<10	<20	<20	2.94	1.38	0.50	0.05	0.05
635-544	4.16	546	86	67	41	6	12	<10	<20	<20	2.19	0.78	0.51	0.02	0.03
635-545	3.32	729	64	73	14	9	15	<10	<20	<20	1.26	0.29	0.09	0.02	0.03
635-546	3.31	393	64	49	10	5	13	<10	<20	<20	3.05	0.92	0.14	0.02	0.04
635-547	2.27	168	74	56	10	2	7	<10	<20	<20	1.32	0.30	0.07	0.01	0.02
635-571	6.19	1529	60	126	15	8	7	<10	<20	<20	2.22	1.06	0.28	0.02	0.06
635-572	5.26	943	141	85	27	11	20	<10	<20	<20	3.11	1.27	0.57	0.06	0.07
635-573	3.95	977	71	117	47	5	8	<10	<20	<20	2.44	2.14	1.17	0.03	0.19
635-574	5.34	656	68	143	35	7	13	<10	<20	<20	1.67	1.26	0.60	0.02	0.08
635-575	5.48	2260	101	85	14	6	12	10	<20	<20	2.64	0.51	0.16	0.02	0.04
635-576	3.44	830	88	82	31	10	13	<10	<20	<20	1.50	1.07	0.57	0.03	0.06
635-580	5.22	741	82	128	30	4	8	<10	<20	<20	2.65	1.47	0.46	0.02	0.11
635-581	5.10	958	81	84	15	10	16	<10	<20	<20	3.26	1.17	0.22	0.03	0.05
635-582	6.40	832	196	80	19	3	7	<10	<20	<20	1.68	0.70	0.25	0.02	0.08
635-583	4.63	484	74	71	14	4	10	<10	<20	<20	1.94	0.66	0.18	0.02	0.05
635-584	5.00	1004	101	81	27	9	19	<10	<20	<20	3.00	1.05	0.39	0.04	0.06
635-585	4.77	582	65	122	19	5	8	<10	<20	<20	2.63	1.23	0.30	0.02	0.09
635-586	5.33	710	105	76	13	4	9	<10	<20	<20	2.49	0.83	0.19	0.02	0.04
635-587	4.96	766	102	112	24	3	5	<10	<20	<20	2.32	1.48	0.26	0.02	0.04
635-588	4.95	665	122	116	23	3	4	<10	<20	<20	1.44	0.99	0.30	0.02	0.07
635-589	5.66	4704	341	90	34	13	9	<10	<20	<20	1.89	0.74	0.93	0.01	0.06
635-590	6.37	1135	144	82	12	3	8	<10	<20	<20	1.86	0.36	0.13	0.02	0.05
635-591	5.07	851	84	99	17	2	4	<10	<20	<20	1.41	0.85	0.19	0.02	0.08
635-592	4.49	769	91	57	15	5	12	<10	<20	<20	3.88	0.97	0.30	0.03	0.04
635-593	3.96	1178	159	65	36	13	21	<10	<20	<20	2.36	1.03	0.59	0.02	0.04
635-594	4.52	661	104	66	8	3	6	<10	<20	<20	1.42	0.12	0.06	0.01	0.03
635-595	5.00	569	79	70	11	4	9	<10	<20	<20	2.56	0.98	0.14	0.02	0.05
635-596	3.70	1502	236	55	54	8	11	<10	<20	<20	2.10	0.70	0.91	0.02	0.05
635-597	5.29	562	99	83	17	4	8	<10	<20	<20	2.35	0.72	0.17	0.01	0.04
635-598	6.68	2365	130	111	28	26	25	<10	<20	<20	2.34	1.56	0.54	0.02	0.06
635-599	3.78	929	134	82	31	6	11	<10	<20	<20	1.99	1.50	0.48	0.03	0.10
635-600	4.39	977	118	50	27	9	17	<10	<20	<20	4.62	1.02	0.46	0.04	0.05
635-601	5.63	1437	208	80	17	2	6	<10	<20	<20	1.60	0.67	0.20	0.02	0.06
635-602	4.65	1029	90	56	17	8	16	<10	<20	<20	4.81	1.45	0.39	0.05	0.05
635-603	5.53	831	97	91	15	3	8	<10	<20	<20	2.34	1.20	0.20	0.02	0.04
635-604	4.89	1157	96	62	19	9	17	<10	<20	<20	4.88	1.05	0.30	0.04	0.04
635-605	5.58	489	65	96	15	4	7	<10	<20	<20	2.37	1.09	0.17	0.02	0.06
635-606	5.20	1041	118	72	27	5	10	<10	<20	<20	2.25	0.52	0.40	0.02	0.04
635-607	4.70	950	121	58	36	8	15	<10	<20	<20	3.88	1.20	0.72	0.04	0.04
635-608	4.96	1199	257	63	47	20	27	<10	<20	<20	1.96	1.94	0.87	0.10	0.08
635-609	5.30	1063	116	76	27	7	13	<10	<20	<20	2.20	0.92	0.40	0.03	0.05
635-610	3.92	852	173	96	31	2	4	<10	<20	<20	1.35	0.99	0.40	0.02	0.06
635-611	7.67	619	76	126	14	3	5	<10	<20	<20	2.23	1.05	0.16	0.03	0.05
635-612	5.43	1385	111	76	11	4	10	<10	<20	<20	4.07	1.07	0.24	0.04	0.04
635-613	4.18	986	103	93	33	10	16	<10	<20	<20	1.48	1.43	0.54	0.03	0.11
635-614	6.90	611	60	100	12	2	5	<10	<20	<20	1.87	0.66	0.16	0.02	0.04
635-615	4.17	994	128	50	67	10	14	<10	<20	<20	2.37	1.22	1.13	0.06	0.05
635-616	7.23	1383	135	81	16	8	6	<10	<20	<20	2.61	0.08	0.09	0.01	0.04
635-617	4.63	599	115	53	58	27	26	<10	<20	<20	3.47	0.84	0.91	0.04	0.03
635-618	4.15	496	42	85	17	3	6	<10	<20	<20	1.73	1.15	0.26	0.02	0.04
635-619	6.10	1090	103	81	13	4	9	<10	<20	<20	2.57	1.03	0.22	0.03	0.05
635-620	5.83	528	62	125	20	3	6	<10	<20	<20	2.31	1.53	0.33	0.02	0.12
635-621	5.02	541	49	103	13	2	4	<10	<20	<20	1.65	1.04	0.16	0.02	0.05
635-622	5.97	486	62	148	19	2	4	<10	<20	<20	1.63	1.13	0.23	0.03	0.06
635-623	4.83	832	230	56	61	14	23	<10	<20	<20	2.72	1.37	1.03	0.08	0.06
635-624	5.74	478	87	111	20	3	8	<10	<20	<20	2.25	0.66	0.13	0.02	0.05

Is denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 3)

Sample ID	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635-538	9	13	0.17	<10	is	13	15
635-539	17	9	0.43	<10	is	16	15
635-540	5	11	0.10	<10	is	3	3
635-541	15	10	0.39	<10	is	14	19
635-542	10	6	0.28	<10	is	11	24
635-543	11	5	0.34	<10	is	12	47
635-544	9	9	0.23	<10	is	9	14
635-545	9	5	0.17	<10	is	6	3
635-546	7	9	0.17	<10	is	6	29
635-547	8	8	0.09	<10	is	9	5
635-571	10	8	0.06	<10	is	3	1
635-572	11	9	0.29	<10	is	9	34
635-573	7	17	0.16	<10	is	1	2
635-574	4	10	0.10	11	is	2	3
635-575	17	8	0.24	<10	is	9	16
635-576	5	10	0.11	<10	is	3	3
635-580	6	12	0.11	13	is	4	8
635-581	12	11	0.20	<10	is	9	21
635-582	17	10	0.16	<10	is	8	7
635-583	9	10	0.16	<10	is	9	12
635-584	13	9	0.22	<10	is	7	14
635-585	6	13	0.10	<10	is	5	8
635-586	12	11	0.18	<10	is	11	13
635-587	10	18	0.11	<10	is	6	4
635-588	6	13	0.08	<10	is	3	<1
635-589	19	12	0.08	<10	is	6	4
635-590	21	12	0.27	<10	is	20	12
635-591	11	9	0.16	<10	is	8	5
635-592	11	7	0.21	<10	is	12	29
635-593	11	11	0.10	<10	is	9	13
635-594	15	4	0.17	<10	is	20	17
635-595	13	15	0.13	<10	is	13	13
635-596	12	12	0.11	<10	is	12	14
635-597	10	16	0.10	<10	is	10	8
635-598	10	17	0.04	<10	is	2	3
635-599	8	11	0.11	<10	is	3	3
635-600	14	9	0.25	<10	is	16	44
635-601	16	14	0.23	<10	is	15	8
635-602	13	8	0.28	<10	is	10	29
635-603	13	14	0.18	<10	is	11	9
635-604	16	9	0.26	<10	is	11	30
635-605	11	15	0.15	<10	is	8	7
635-606	15	10	0.17	<10	is	16	16
635-607	15	10	0.28	<10	is	14	38
635-608	9	13	0.36	<10	is	6	31
635-609	14	18	0.26	<10	is	15	15
635-610	9	11	0.12	<10	is	4	2
635-611	16	15	0.47	<10	is	15	19
635-612	16	10	0.36	<10	is	11	26
635-613	7	11	0.11	<10	is	5	6
635-614	15	13	0.26	<10	is	14	12
635-615	12	7	0.31	<10	is	15	47
635-616	8	18	0.05	<10	is	6	3
635-617	13	9	0.27	<10	is	5	44
635-618	4	16	0.08	<10	is	3	3
635-619	16	14	0.29	<10	is	18	20
635-620	5	19	0.12	<10	is	3	4
635-621	11	13	0.19	<10	is	7	4
635-622	13	8	0.19	<10	is	9	3
635-623	13	10	0.34	<10	is	11	36
635-624	13	24	0.18	<10	is	10	5

is denotes insufficient sample for analyses

Project 635

Gnat Pass

file: 635Soil_96.wk1

Soil Sample Analyses (ICP)
1996

Reference: v96-01221.0, 1222.0, 1223.0, 1335.0

Sample ID	Au30 ppb	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Hg ppb
635-625	18		<0.2	17	12	105	0.5	3	6	<5	<5	12	6	34	27
635-626	<5		<0.2	27	10	74	0.4	2	10	<5	5	33	11	48	50
635-627	<5		<0.2	31	10	43	<0.2	2	6	<5	<5	20	7	38	28
635-628	6		<0.2	90	9	47	<0.2	<1	<5	<5	<5	24	11	47	17
635-653	ls		<0.2	51	19	164	0.4	8	21	<5	<5	41	10	79	27
635-654	<5		<0.2	563	9	103	<0.2	2	19	<5	<5	43	13	51	27
635-655	7		<0.2	35	13	101	<0.2	3	30	<5	<5	39	17	48	47
635-656	<5		<0.2	339	11	64	<0.2	1	23	<5	<5	33	28	61	24
635-657	12		<0.2	1124	14	86	<0.2	3	16	<5	<5	31	16	49	37
635-660	<5		<0.2	20	15	172	<0.2	3	9	<5	<5	21	10	41	47
635-661	6		<0.2	26	13	86	<0.2	2	16	<5	<5	75	16	51	33
635-662	<5		<0.2	35	13	131	0.7	2	24	<5	<5	42	17	36	31
635-663	<5		<0.2	42	12	155	0.6	1	15	<5	<5	43	17	55	51
635-664	<5		<0.2	22	14	106	0.3	1	29	<5	<5	43	13	25	39
635-665	<5		0.2	17	10	168	1.0	3	9	<5	<5	38	18	39	46
635-666	<5		0.3	19	13	98	0.2	2	21	<5	<5	54	17	31	51
635-667	6		<0.2	28	12	203	1.3	2	23	<5	<5	24	10	47	58
635-668	8		0.4	28	13	119	0.6	3	26	6	<5	33	13	46	60
635-669	<5		<0.2	34	13	133	0.6	2	14	7	7	30	11	53	68
635-670	<5		0.3	35	10	235	1.0	1	11	<5	<5	49	13	43	38
635-671	12		0.3	217	10	132	0.5	3	17	<5	<5	54	13	29	95
635-672	8		0.3	28	11	123	0.3	3	17	<5	6	52	15	34	61
635-673	<5		0.3	22	13	180	0.7	2	7	<5	<5	30	11	42	44
635-674	<5		<0.2	24	14	437	1.1	3	<5	<5	<5	26	13	52	40
635-675	<5		<0.2	19	10	102	<0.2	2	<5	<5	<5	36	12	31	33
635-676	<5		0.3	22	7	95	<0.2	<1	56	<5	<5	54	16	85	108
635-677	<5		0.3	20	13	135	<0.2	3	54	<5	<5	28	9	31	79
635-681	<5		0.5	14	41	185	<0.2	3	43	<5	<5	24	9	49	62
635-682	<5		0.3	27	9	55	<0.2	2	54	<5	<5	25	11	55	46
635-683	<5		0.6	477	6	80	<0.2	<1	62	<5	<5	39	15	37	52
635-684	<5		0.4	28	10	100	<0.2	1	68	<5	<5	26	8	52	88
635-685	<5		0.4	20	10	83	<0.2	2	51	<5	<5	23	6	38	69
635-686	<5		<0.2	336	10	83	0.2	2	29	<5	<5	25	10	33	22
635-687	24		0.5	2337	16	394	0.6	<1	51	<5	<5	50	13	42	49
635-688	13		0.3	216	13	75	<0.2	2	59	<5	<5	43	17	78	27
635-689	<5		0.4	15	13	175	0.6	2	39	<5	<5	20	9	43	40
635-691	<5		0.4	57	15	140	0.6	3	42	<5	<5	22	10	34	31
635-693	<5		0.2	153	9	68	<0.2	4	60	<5	<5	24	15	41	22
635-694	<5		0.3	909	13	87	0.4	4	45	<5	<5	21	12	29	76
635-695	<5		0.4	139	12	171	<0.2	5	50	<5	<5	44	16	47	50
635-696	<5		0.6	1130	13	132	0.5	9	41	<5	<5	22	41	38	56
635-697	<5		0.6	840	14	81	0.2	9	54	<5	<5	28	10	35	47
635-698	<5		0.8	1491	17	120	0.5	17	41	<5	<5	11	27	18	33
635-699	36		0.9	6861	13	92	<0.2	29	36	<5	<5	20	11	18	56
635-700	10		0.5	1300	9	71	0.3	11	56	<5	<5	35	14	42	38
635-701	<5		0.5	81	10	95	0.4	2	73	<5	<5	49	24	42	62
635-702	<5		0.8	21	12	205	0.8	2	58	<5	<5	32	12	50	50
635-703	<5		0.3	19	12	61	<0.2	3	39	<5	<5	20	8	66	11
635-704	<5		0.2	26	8	95	<0.2	<1	35	<5	<5	26	10	40	11
635-705	<5		<0.2	22	12	81	<0.2	2	47	<5	<5	19	7	39	45
635-707	<5		0.3	16	11	50	0.3	2	26	<5	<5	11	3	29	20
635-708	<5		<0.2	28	8	34	<0.2	<1	18	<5	<5	16	5	35	<10
635-709	<5		<0.2	76	9	55	<0.2	<1	23	<5	<5	20	6	37	17
635-734	<5		<0.2	127	10	109	<0.2	<1	32	<5	<5	43	8	54	18
635-735	25		<0.2	110	6	42	<0.2	<1	23	<5	<5	22	8	34	<10
635-739	<5		1.5	4328	8	90	0.3	4	28	<5	<5	8	17	8	14
635-741	<5		0.2	65	9	62	<0.2	<1	41	<5	<5	38	13	54	52
635-742	<5		0.5	21	11	142	<0.2	2	47	<5	<5	37	13	48	45
635-743	<5		0.6	32	9	84	<0.2	2	47	<5	<5	43	16	52	27
635-744	<5		0.5	37	11	271	1.7	1	51	<5	<5	41	21	49	32
635-745	<5		0.3	42	8	81	<0.2	<1	42	<5	<5	39	14	49	56

ls denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 2)

Sample ID	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %
635-625	4.53	309	69	97	17	2	5	<10	<20	<20	1.51	0.42	0.09	0.01	0.05
635-626	3.58	501	79	69	20	3	8	<10	<20	<20	2.46	0.88	0.25	0.02	0.06
635-627	3.69	297	61	74	19	3	6	<10	<20	<20	1.93	0.75	0.20	0.02	0.06
635-628	2.60	513	61	70	32	5	9	<10	<20	<20	0.95	0.88	0.48	0.03	0.07
635-653	3.74	206	227	226	52	28	37	<10	<20	<20	2.96	0.56	0.86	0.10	0.06
635-654	3.41	396	149	68	41	12	18	<10	<20	<20	1.65	0.92	0.78	0.06	0.08
635-655	4.90	991	57	81	15	5	8	<10	<20	<20	2.83	0.92	0.29	0.02	0.05
635-656	4.37	815	93	96	32	8	11	<10	<20	<20	1.81	1.26	0.50	0.03	0.09
635-657	4.48	1017	264	78	38	14	16	<10	<20	<20	2.18	1.23	0.83	0.03	0.09
635-660	5.36	965	96	96	13	3	7	<10	<20	<20	1.86	0.63	0.13	0.02	0.05
635-661	4.76	390	77	66	32	14	23	<10	<20	<20	3.38	0.65	0.47	0.08	0.05
635-662	4.56	1084	129	63	19	10	19	<10	<20	<20	4.00	1.07	0.37	0.04	0.05
635-663	4.56	875	95	71	13	7	13	<10	<20	<20	3.14	1.03	0.23	0.02	0.05
635-664	4.15	785	106	48	20	6	12	<10	<20	<20	4.73	1.06	0.48	0.03	0.04
635-665	5.01	837	68	66	11	7	15	<10	<20	<20	2.90	0.82	0.15	0.02	0.05
635-666	4.63	1059	98	56	16	7	12	<10	<20	<20	4.69	1.13	0.33	0.03	0.04
635-667	4.43	1077	127	77	13	3	6	<10	<20	<20	1.81	0.62	0.11	0.02	0.04
635-668	5.04	1014	79	69	9	6	10	<10	<20	<20	2.65	0.68	0.09	0.02	0.04
635-669	4.20	801	84	70	12	6	11	<10	<20	<20	2.48	0.77	0.16	0.02	0.06
635-670	5.40	1095	163	71	13	7	14	<10	<20	<20	2.86	0.64	0.19	0.02	0.04
635-671	4.14	599	185	46	39	18	27	<10	<20	<20	3.17	1.33	0.88	0.05	0.04
635-672	4.62	867	123	57	12	7	15	<10	<20	<20	3.96	0.92	0.23	0.02	0.04
635-673	5.31	752	102	71	8	5	10	<10	<20	<20	2.70	0.49	0.09	0.02	0.04
635-674	5.66	920	95	74	10	3	7	<10	<20	<20	1.82	0.50	0.12	0.02	0.05
635-675	4.02	632	88	62	15	8	15	<10	<20	<20	2.81	0.80	0.24	0.02	0.05
635-676	4.38	822	67	63	18	8	16	<10	<20	<20	3.68	1.47	0.28	0.02	0.04
635-677	4.89	647	92	53	8	6	13	<10	<20	<20	3.04	0.58	0.12	0.02	0.04
635-681	6.71	771	82	86	9	4	9	<10	<20	<20	2.19	0.48	0.09	0.02	0.04
635-682	3.84	515	47	80	18	4	9	<10	<20	<20	1.65	0.90	0.22	0.02	0.04
635-683	3.28	1089	134	53	89	60	122	<10	<20	<20	1.89	1.11	1.23	0.02	0.04
635-684	5.00	428	63	86	15	3	8	<10	<20	<20	2.49	0.78	0.15	0.02	0.03
635-685	5.66	434	54	75	9	5	10	<10	<20	<20	2.43	0.61	0.10	0.01	0.03
635-686	2.71	587	100	53	42	8	11	<10	<20	<20	1.33	0.87	0.47	0.02	0.07
635-687	4.20	676	244	57	84	34	32	<10	<20	<20	2.21	1.21	1.02	0.05	0.07
635-688	4.34	825	113	88	38	4	9	<10	<20	<20	2.37	1.32	0.40	0.02	0.08
635-689	6.31	1232	115	100	12	2	8	<10	<20	<20	1.56	0.48	0.10	0.02	0.05
635-691	5.13	698	175	96	19	2	7	<10	<20	<20	1.98	0.63	0.13	0.01	0.09
635-693	6.12	435	85	79	21	3	7	<10	<20	<20	1.77	0.68	0.22	0.02	0.03
635-694	3.28	1338	113	55	77	6	9	<10	<20	<20	1.29	0.60	0.91	0.02	0.04
635-695	6.50	801	115	88	20	5	13	<10	<20	<20	2.49	1.04	0.24	0.03	0.05
635-696	6.74	3266	85	89	20	9	15	<10	<20	<20	1.61	0.52	0.24	0.02	0.03
635-697	6.41	533	60	72	10	6	13	<10	<20	<20	2.71	0.64	0.14	0.03	0.03
635-698	5.60	986	81	73	14	8	9	<10	<20	<20	1.76	0.46	0.09	0.01	0.03
635-699	4.32	1099	161	55	28	14	15	<10	<20	<20	1.93	0.59	0.52	0.04	0.09
635-700	5.55	809	74	78	22	5	11	<10	<20	<20	2.16	1.03	0.25	0.03	0.05
635-701	5.66	943	80	75	19	5	13	<10	<20	<20	4.30	1.04	0.30	0.04	0.03
635-702	7.05	792	53	97	9	3	8	<10	<20	<20	2.82	0.86	0.14	0.02	0.03
635-703	3.84	329	55	138	12	2	4	<10	<20	<20	1.28	1.04	0.16	0.02	0.03
635-704	4.00	553	102	89	22	4	9	<10	<20	<20	1.77	0.98	0.29	0.02	0.05
635-705	5.06	537	67	92	13	3	8	<10	<20	<20	2.12	0.51	0.13	0.02	0.04
635-707	4.30	218	40	100	12	2	5	<10	<20	<20	1.44	0.35	0.08	0.01	0.04
635-708	2.20	254	37	62	22	3	8	<10	<20	<20	0.81	0.57	0.27	0.02	0.04
635-709	2.20	287	79	58	28	5	10	<10	<20	<20	1.18	0.79	0.38	0.02	0.08
635-734	1.51	183	297	56	57	14	25	<10	<20	<20	2.39	0.82	0.91	0.09	0.06
635-735	2.08	226	60	51	28	5	9	<10	<20	<20	1.14	0.93	0.50	0.02	0.05
635-739	3.81	2482	933	30	29	25	23	<10	<20	<20	0.86	0.10	0.57	<0.01	0.13
635-741	3.43	539	77	79	22	4	8	<10	<20	<20	1.93	1.19	0.35	0.02	0.06
635-742	5.49	783	121	80	16	5	11	<10	<20	<20	2.74	0.74	0.20	0.02	0.04
635-743	4.32	698	73	72	16	6	14	<10	<20	<20	2.65	1.16	0.26	0.02	0.06
635-744	4.91	1534	125	64	13	7	16	<10	<20	<20	2.81	0.76	0.16	0.02	0.05
635-745	3.96	627	65	76	18	5	9	<10	<20	<20	2.62	1.08	0.26	0.02	0.06

Is denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 3)

Sample ID	Ga ppm	Li ppm	Tl %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635-625	11	8	0.12	<10	<5	8	3
635-626	7	14	0.13	<10	<5	6	11
635-627	6	13	0.10	<10	<5	4	5
635-628	4	7	0.08	<10	<5	1	3
635-653	9	13	0.42	<10	9	13	106
635-654	7	11	0.23	<10	6	4	15
635-655	10	13	0.18	<10	<5	11	19
635-656	6	12	0.11	<10	5	2	3
635-657	9	17	0.09	<10	<5	7	9
635-660	15	13	0.22	<10	<5	9	5
635-661	13	9	0.42	<10	6	11	44
635-662	13	8	0.23	<10	<5	10	24
635-663	12	11	0.16	<10	<5	12	17
635-664	14	8	0.22	<10	<5	14	35
635-665	13	9	0.19	<10	<5	10	18
635-666	15	7	0.28	<10	<5	11	29
635-667	12	10	0.12	<10	<5	11	8
635-668	14	12	0.14	<10	<5	16	17
635-669	11	11	0.10	<10	<5	10	11
635-670	15	8	0.18	<10	<5	14	18
635-671	10	11	0.23	<10	<5	13	39
635-672	13	9	0.20	<10	<5	13	25
635-673	15	10	0.27	<10	<5	16	22
635-674	15	11	0.17	<10	<5	14	9
635-675	10	11	0.13	<10	<5	11	20
635-676	9	7	0.18	<10	<5	10	24
635-677	13	12	0.12	<10	<5	28	28
635-681	14	11	0.29	<10	<5	20	19
635-682	5	7	0.06	<10	<5	5	5
635-683	7	11	0.13	<10	<5	8	15
635-684	8	13	0.08	<10	<5	10	6
635-685	12	9	0.11	<10	<5	17	16
635-686	4	14	0.07	<10	<5	2	4
635-687	5	15	0.18	<10	11	14	36
635-688	7	14	0.13	<10	<5	5	7
635-689	16	11	0.31	<10	<5	13	7
635-691	10	18	0.09	<10	<5	8	3
635-693	9	15	0.16	<10	<5	15	9
635-694	6	7	0.11	<10	<5	6	6
635-695	16	15	0.43	<10	<5	18	41
635-696	21	9	0.45	<10	<5	21	21
635-697	16	11	0.37	<10	<5	29	64
635-698	10	13	0.18	<10	<5	9	7
635-699	8	7	0.13	<10	<5	9	13
635-700	8	12	0.21	<10	<5	8	13
635-701	13	8	0.41	<10	<5	15	49
635-702	16	10	0.45	<10	<5	20	33
635-703	12	5	0.22	<10	<5	8	3
635-704	4	11	0.08	<10	<5	3	4
635-705	12	8	0.25	<10	<5	14	16
635-707	12	5	0.13	<10	<5	12	5
635-708	3	4	0.07	<10	<5	1	2
635-709	4	7	0.07	<10	<5	2	2
635-734	10	14	0.24	<10	5	11	58
635-735	4	8	0.07	<10	<5	<1	3
635-739	3	2	0.01	<10	<5	2	2
635-741	4	10	0.09	<10	<5	2	3
635-742	11	12	0.26	<10	<5	13	20
635-743	8	12	0.18	<10	<5	9	17
635-744	13	11	0.21	<10	<5	19	26
635-745	6	9	0.12	<10	<5	6	13

Is denotes insufficient sample for analyses

Project 635

Gnat Pass

No: 635Soil_06.wk1

Soil Sample Analyses (ICP)
1996

Reference: v96-01221.0, 1222.0, 1223.0, 1335.0

Sample ID	Au30 ppb	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Hg ppb
635-746	<5		0.3	31	10	120	<0.2	1	38	<5	<5	31	10	55	49
635-747	<5		0.4	25	13	164	0.6	1	34	<5	<5	24	8	41	61
635-751	<5		0.4	67	9	129	<0.2	1	59	<5	<5	50	15	40	36
635-753	<5		0.3	40	9	60	<0.2	1	41	<5	<5	27	11	42	30
635-754	<5		0.3	23	12	107	<0.2	1	46	<5	<5	29	10	36	48
635-755	<5		0.4	45	9	98	<0.2	<1	58	<5	<5	58	18	30	24
635-756	<5		0.4	20	13	151	0.7	2	50	<5	<5	35	10	39	81
635-759	<5		0.4	19	10	145	0.3	1	56	<5	<5	51	14	69	68
635-760	<5		<0.2	21	10	125	0.8	2	50	<5	<5	31	9	63	51
635-761	<5		0.6	127	11	98	<0.2	2	54	<5	<5	34	14	51	25
635-762	<5		0.4	465	12	81	<0.2	2	69	<5	<5	46	16	66	63
635-763	<5		0.5	19	11	128	<0.2	2	63	<5	<5	38	12	46	49
635-764	<5		0.6	207	12	116	0.4	2	51	<5	<5	40	13	46	42
635-766	<5		0.7	73	14	102	<0.2	3	62	<5	<5	35	15	63	33
635-767	<5		0.9	272	13	117	<0.2	2	50	<5	<5	37	16	28	80
635-768	<5		<0.2	176	8	38	<0.2	<1	36	<5	<5	28	17	58	16
635-769	<5		0.6	130	12	125	0.4	3	54	<5	<5	40	15	48	28
635-770A	<5		0.2	217	10	71	<0.2	3	31	<5	<5	29	12	36	15
635-771B	<5		0.8	565	12	126	0.7	4	36	<5	<5	25	16	31	44
635-772C	<5		0.3	592	13	139	0.9	7	49	<5	<5	33	14	36	62
635-774	<5		0.3	1018	10	59	<0.2	8	52	<5	<5	19	19	29	29
635-778	149		0.5	3638	7	63	<0.2	26	1390	<5	<5	7	19	3	78
635-779	<5		0.6	755	16	65	<0.2	11	44	<5	<5	13	5	36	49
635-780	<5		0.5	340	9	69	<0.2	1	66	<5	<5	55	19	30	35
635-781	<5		0.8	91	13	64	<0.2	3	85	<5	<5	25	6	45	75
635-782	<5		0.3	333	9	52	<0.2	2	52	<5	<5	36	11	88	14
635-783	<5		<0.2	25	14	90	<0.2	2	38	<5	<5	19	6	37	29
635-784	<5		0.3	22	14	75	<0.2	2	32	<5	<5	12	5	30	19
635-785	<5		0.3	30	6	59	<0.2	<1	36	<5	<5	31	11	42	24
635-786	<5	Is	Is	Is	Is	Is	Is	Is	Is	Is	Is	Is	Is	Is	Is
635-787	<5		0.4	29	11	83	<0.2	1	46	<5	<5	47	16	37	46
635-788	<5		<0.2	228	10	43	<0.2	<1	22	<5	<5	21	7	31	<10
635-789	<5		0.3	64	13	67	<0.2	<1	29	<5	<5	32	12	43	13
635-811	<5		0.2	19	9	55	<0.2	<1	40	<5	<5	30	10	44	39
635-812	<5		<0.2	25	7	56	<0.2	2	27	<5	<5	23	10	41	39
635-813	<5		0.5	32	9	80	0.2	<1	35	<5	<5	26	11	40	34
635-814	<5		0.2	57	12	90	0.2	<1	41	<5	<5	30	10	48	33
635-816	<5		0.3	155	12	53	<0.2	<1	31	<5	<5	23	8	39	53
635-818	<5		<0.2	306	8	48	<0.2	<1	32	<5	<5	27	9	38	11
635-819	<5		0.3	88	8	46	<0.2	<1	32	<5	<5	33	10	45	22
635-820	<5		0.3	22	11	75	<0.2	<1	25	<5	<5	14	5	37	22
635-821	<5		0.6	106	8	91	<0.2	<1	48	<5	<5	53	13	31	65
635-823	<5		0.3	18	13	128	0.5	1	42	<5	<5	24	13	55	48
635-824	<5		0.4	9	9	135	0.4	1	60	<5	<5	35	15	31	56
635-825	<5		0.3	34	8	66	0.4	2	61	<5	<5	28	13	62	34
635-826	<5		<0.2	17	10	164	0.2	1	37	<5	<5	26	12	46	50
635-827	<5		0.5	18	17	195	0.2	2	39	<5	<5	35	16	38	41
635-828	<5		0.4	19	12	123	<0.2	1	60	<5	<5	51	17	38	43
635-829	<5		0.6	111	13	85	<0.2	1	52	<5	<5	40	12	37	55
635-830	<5		0.3	67	13	86	<0.2	2	57	<5	<5	41	13	74	55
635-831	<5		0.3	23	14	157	<0.2	3	51	<5	<5	28	8	42	37
635-832	30		0.7	28	15	145	<0.2	2	50	<5	<5	41	15	76	57
635-833	<5		0.5	68	10	80	<0.2	4	48	<5	<5	40	11	45	58
635-834	<5		0.5	167	12	103	<0.2	2	58	<5	<5	43	11	32	57
635-835	<5		0.5	112	14	132	0.2	2	57	<5	<5	41	16	30	52
635-836	22		0.3	137	11	198	0.3	<1	41	<5	<5	33	12	42	11
635-837	<5		0.3	76	16	118	0.6	4	32	<5	<5	23	9	30	55
635-838	6		0.2	116	13	112	<0.2	1	51	<5	<5	40	17	76	93
635-839	<5		0.6	29	12	145	0.3	2	60	<5	<5	30	13	74	65
635-840	<5		0.4	216	12	132	<0.2	2	57	<5	<5	45	12	57	54
635-841	<5		0.4	26	10	137	<0.2	1	68	<5	<5	45	20	40	44

Is denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 2)

Sample ID	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %
635-746	4.33	606	81	73	14	5	9	<10	<20	<20	2.26	0.87	0.20	0.01	0.04
635-747	4.54	1095	101	69	11	5	10	<10	<20	<20	1.96	0.46	0.10	0.02	0.06
635-751	5.11	809	208	59	42	14	23	<10	<20	<20	3.16	1.50	0.91	0.06	0.05
635-753	3.90	442	64	87	21	4	9	<10	<20	<20	1.51	0.88	0.28	0.01	0.04
635-754	4.87	564	83	68	12	4	9	<10	<20	<20	2.25	0.77	0.15	0.02	0.04
635-755	5.08	984	187	59	34	11	27	<10	<20	<20	3.56	1.63	0.61	0.08	0.06
635-756	5.87	796	130	66	13	5	11	<10	<20	<20	2.60	0.78	0.21	0.02	0.04
635-759	5.31	565	114	68	14	5	12	<10	<20	<20	3.23	1.05	0.21	0.02	0.04
635-760	5.52	545	135	74	13	4	8	<10	<20	<20	2.42	0.70	0.15	0.01	0.04
635-761	4.03	722	101	67	66	9	12	<10	<20	<20	1.78	1.03	0.90	0.02	0.03
635-762	4.17	824	150	71	71	28	33	<10	<20	<20	2.18	1.33	1.06	0.03	0.09
635-763	6.15	821	84	80	8	6	13	<10	<20	<20	3.06	0.84	0.10	0.02	0.04
635-764	4.34	888	159	69	77	10	13	<10	<20	<20	2.42	1.07	0.95	0.02	0.06
635-766	5.47	473	140	89	27	4	9	<10	<20	<20	2.27	0.94	0.30	0.01	0.05
635-767	4.50	1264	284	46	52	25	31	<10	<20	<20	3.06	0.53	0.57	0.02	0.04
635-768	3.42	527	41	81	23	4	8	<10	<20	<20	1.41	1.19	0.35	0.02	0.05
635-769	4.73	749	109	75	37	4	10	<10	<20	<20	2.59	1.05	0.33	0.02	0.06
635-770A	3.30	450	120	62	58	7	11	<10	<20	<20	1.61	0.89	0.61	0.02	0.07
635-771B	3.64	1930	235	58	167	15	14	<10	<20	<20	1.94	0.68	1.78	0.02	0.05
635-772C	4.92	3267	280	61	184	15	16	<10	<20	<20	2.06	0.70	1.89	0.02	0.05
635-774	5.88	850	86	90	30	6	11	<10	<20	<20	1.98	0.99	0.30	0.02	0.06
635-778	7.19	1866	112	53	15	15	19	<10	<20	<20	0.85	0.16	0.34	<0.01	0.10
635-779	6.42	324	51	104	8	3	8	<10	<20	<20	1.64	0.21	0.07	0.02	0.03
635-780	4.72	936	140	54	30	19	21	<10	<20	<20	4.05	1.55	0.61	0.07	0.04
635-781	6.28	343	42	51	5	4	10	<10	<20	<20	5.92	0.52	0.09	0.02	0.02
635-782	3.63	458	62	76	18	3	6	<10	<20	<20	1.73	1.31	0.22	0.02	0.04
635-783	5.78	556	63	92	13	3	8	<10	<20	<20	1.85	0.52	0.08	0.02	0.04
635-784	4.19	571	71	105	15	2	6	<10	<20	<20	1.36	0.49	0.10	0.01	0.04
635-785	4.22	310	63	97	20	4	9	<10	<20	<20	1.85	0.87	0.25	0.01	0.04
635-786	Is	Is	Is	Is	Is	Is	Is	Is	Is	Is	Is	Is	Is	Is	Is
635-787	4.99	481	64	68	11	4	10	<10	<20	<20	3.18	1.11	0.21	0.02	0.03
635-788	2.34	336	56	57	21	5	10	<10	<20	<20	0.97	0.72	0.35	0.02	0.04
635-789	2.99	780	83	63	24	6	13	<10	<20	<20	1.47	1.00	0.38	0.02	0.06
635-811	3.13	338	94	70	20	3	8	<10	<20	<20	1.80	0.89	0.30	0.02	0.04
635-812	3.27	1047	186	68	26	2	5	<10	<20	<20	1.27	0.68	0.35	0.02	0.06
635-813	4.02	560	202	72	19	4	8	<10	<20	<20	1.65	0.67	0.25	0.02	0.04
635-814	4.60	489	194	74	19	4	10	<10	<20	<20	1.89	0.93	0.28	0.02	0.06
635-816	2.73	450	248	54	32	9	11	<10	<20	<20	1.64	0.75	0.78	0.02	0.04
635-818	2.87	270	77	63	22	4	8	<10	<20	<20	1.59	0.85	0.38	0.02	0.04
635-819	3.16	400	55	69	18	5	10	<10	<20	<20	1.69	0.93	0.26	0.02	0.04
635-820	3.91	316	100	87	21	2	5	<10	<20	<20	1.03	0.43	0.20	0.02	0.04
635-821	4.61	775	498	53	54	21	29	<10	<20	<20	2.57	1.33	0.95	0.06	0.05
635-823	4.81	630	145	83	17	2	8	<10	<20	<20	1.84	0.61	0.16	0.02	0.03
635-824	4.73	1434	139	61	25	3	9	<10	<20	<20	4.10	0.99	0.44	0.02	0.04
635-825	3.99	617	43	92	16	3	7	<10	<20	<20	1.32	1.01	0.24	0.02	0.06
635-826	5.06	631	105	87	16	2	7	<10	<20	<20	1.42	0.73	0.17	0.02	0.04
635-827	4.80	783	105	64	9	5	14	<10	<20	<20	2.71	0.73	0.15	0.02	0.04
635-828	4.92	1062	107	64	13	7	17	<10	<20	<20	4.00	1.32	0.29	0.04	0.04
635-829	4.16	566	78	84	13	13	27	<10	<20	<20	2.97	0.96	0.22	0.02	0.04
635-830	4.29	440	57	66	13	5	11	<10	<20	<20	2.97	1.20	0.23	0.02	0.04
635-831	5.23	564	89	68	9	5	12	<10	<20	<20	2.63	0.68	0.10	0.02	0.04
635-832	4.87	676	139	80	14	3	8	<10	<20	<20	2.16	1.10	0.21	0.02	0.05
635-833	4.61	590	77	62	13	9	18	<10	<20	<20	3.28	0.83	0.19	0.02	0.03
635-834	4.70	652	81	61	19	9	16	<10	<20	<20	3.38	0.93	0.26	0.02	0.03
635-835	4.59	1045	266	54	21	14	20	<10	<20	<20	3.89	1.06	0.47	0.03	0.04
635-836	5.21	1329	130	107	54	12	13	<10	<20	<20	1.66	0.93	1.05	0.02	0.05
635-837	2.83	776	184	58	75	11	16	<10	<20	<20	1.71	0.78	0.89	0.02	0.06
635-838	2.92	1166	167	62	42	4	8	<10	<20	<20	1.66	1.23	0.53	0.02	0.10
635-839	4.79	820	83	86	12	4	7	<10	<20	<20	2.00	0.84	0.17	0.02	0.04
635-840	4.20	646	158	66	64	13	16	<10	<20	<20	2.80	1.11	1.09	0.03	0.07
635-841	5.44	1146	94	77	20	8	16	<10	<20	<20	3.75	1.06	0.31	0.04	0.04

Is denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 3)

Sample ID	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635-746	8	11	0.10	<10	<5	10	13
635-747	12	10	0.11	<10	<5	18	13
635-751	10	13	0.35	<10	<5	15	49
635-753	4	9	0.08	<10	<5	3	4
635-754	10	11	0.12	<10	<5	15	19
635-755	10	6	0.39	<10	<5	9	48
635-756	14	10	0.21	<10	<5	22	30
635-759	11	12	0.22	<10	<5	15	25
635-760	12	11	0.22	<10	<5	17	21
635-761	7	19	0.10	<10	<5	7	8
635-762	7	15	0.14	<10	<5	8	22
635-763	14	12	0.28	<10	<5	19	34
635-764	9	31	0.10	<10	<5	9	10
635-766	9	20	0.10	<10	<5	12	8
635-767	11	13	0.08	<10	<5	20	24
635-768	3	8	0.08	<10	<5	2	2
635-769	8	23	0.13	<10	<5	9	10
635-770A	4	14	0.07	<10	<5	2	4
635-771B	9	17	0.08	<10	<5	4	5
635-772C	8	17	0.08	<10	<5	5	13
635-774	5	17	0.07	<10	<5	4	5
635-778	<2	3	<0.01	<10	7	<1	1
635-779	18	9	0.45	<10	<5	25	24
635-780	10	6	0.37	<10	8	11	64
635-781	11	10	0.23	<10	<5	24	99
635-782	5	11	0.12	<10	<5	2	4
635-783	13	12	0.22	<10	<5	16	12
635-784	11	6	0.11	<10	<5	7	2
635-785	4	12	0.08	<10	<5	2	5
635-786	ls	ls	ls	ls	ls	ls	ls
635-787	9	9	0.27	<10	<5	11	44
635-788	2	7	0.08	<10	<5	<1	2
635-789	4	9	0.10	<10	<5	2	4
635-811	5	9	0.12	<10	<5	4	8
635-812	5	9	0.08	<10	<5	2	2
635-813	7	9	0.12	<10	<5	7	5
635-814	8	13	0.18	<10	<5	9	10
635-816	4	12	0.08	<10	<5	3	3
635-818	3	6	0.08	<10	<5	2	4
635-819	4	8	0.10	<10	<5	3	6
635-820	7	6	0.15	<10	<5	7	4
635-821	10	13	0.23	<10	<5	13	38
635-823	9	12	0.20	<10	<5	12	10
635-824	13	4	0.23	<10	<5	12	27
635-825	3	7	0.05	<10	<5	1	2
635-826	10	8	0.25	<10	<5	9	13
635-827	13	10	0.23	<10	<5	14	21
635-828	12	8	0.26	<10	<5	11	28
635-829	9	8	0.15	<10	<5	12	23
635-830	8	13	0.14	<10	<5	10	16
635-831	13	14	0.17	<10	<5	19	21
635-832	9	16	0.18	<10	<5	9	7
635-833	11	10	0.16	<10	<5	17	36
635-834	12	13	0.15	<10	<5	19	31
635-835	11	9	0.19	<10	<5	16	35
635-836	4	13	0.08	<10	<5	6	9
635-837	5	12	0.05	<10	<5	3	4
635-838	5	10	0.05	<10	<5	2	2
635-839	9	10	0.15	<10	<5	10	8
635-840	8	35	0.16	<10	<5	9	18
635-841	12	7	0.37	<10	<5	12	31

ls denotes insufficient sample for analyses

Project 635

Gnat Pass

file: 635Soil_96.wk1

Soil Sample Analyses (ICP)
1996

Reference: v96-01221.0, 1222.0, 1223.0, 1335.0

Sample ID	Au30 ppb	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Hg ppb	
635-842	<5		0.7	65	10	106	0.3	1	50	<5	<5	60	17	64	79	
635-843	<5		0.5	139	12	132	<0.2	2	70	<5	<5	17	14	18	104	
635-844	<5		0.3	56	12	105	<0.2	2	117	<5	<5	31	18	41	30	
635-845	<5		0.4	364	8	82	<0.2	2	44	<5	<5	57	15	59	107	
635-846	<5		0.5	11	17	137	0.2	3	37	<5	<5	18	8	39	47	
635-847	<5		0.5	35	10	85	<0.2	<1	40	<5	<5	44	12	153	20	
635-848	<5		0.5	26	21	199	0.7	3	32	<5	<5	14	5	35	33	
635-849	<5		0.5	20	14	152	0.4	1	40	<5	<5	19	8	50	<10	
635-850	<5		0.4	73	10	119	0.2	3	55	<5	<5	50	17	49	30	
635-851	<5		0.4	458	13	78	<0.2	4	63	<5	<5	36	14	32	19	
635-852	<5		0.6	1354	6	51	<0.2	4	43	<5	<5	27	14	59	<10	
635-853	<5		0.3	451	8	60	<0.2	6	51	<5	<5	5	35	13	65	44
635-854	<5		<0.2	664	10	118	<0.2	4	49	<5	<5	30	13	61	15	
635-855	<5		0.5	433	8	86	<0.2	9	55	<5	<5	42	15	96	14	
635-856	<5		0.5	112	11	65	<0.2	6	41	<5	<5	19	8	52	<10	
635-857	<5		0.3	329	8	52	<0.2	3	47	<5	<5	33	12	59	<10	
635-859	<5		0.2	91	12	103	0.6	2	28	<5	<5	30	8	38	54	
635-860	<5		<0.2	83	11	110	0.4	3	28	<5	<5	29	9	35	38	
635-861	<5		0.3	184	8	75	0.4	3	34	<5	<5	27	12	35	129	
635-862	<5		0.2	85	10	110	0.4	3	28	<5	<5	28	9	33	55	
635-863	<5		0.2	44	9	108	0.4	1	31	<5	<5	23	7	27	24	
635-865	<5		0.2	24	11	52	0.3	<1	23	<5	<5	17	6	34	27	
635-866	<5		0.3	20	13	107	0.7	1	31	<5	<5	18	8	34	15	
635-867	<5		<0.2	16	12	77	0.4	1	26	<5	<5	16	5	32	<10	
635-868	<5		0.2	19	10	179	2.2	<1	23	<5	<5	17	8	31	21	
635-869	<5		<0.2	21	10	52	<0.2	<1	24	<5	<5	18	7	34	10	
635-870	<5		0.2	24	10	57	0.5	<1	24	<5	<5	20	8	37	22	
635-871	<5		0.2	39	14	57	<0.2	<1	29	<5	<5	26	10	40	21	
1000-851	<5		0.3	466	13	87	<0.2	4	62	<5	<5	37	14	33	30	
1025-852	10		0.5	1298	8	54	<0.2	5	44	<5	8	27	14	65	13	
1050-853	<5		0.4	340	9	68	<0.2	6	49	<5	<5	29	11	59	25	
<i>Stats:</i>																
<i>n=</i>	503		515													
<i>Max:</i>	638		1.5	6861	309	466	2.4	29	1390	18	14	159	65	294	>50000	
<i>Min:</i>	<5		<0.2	7	4	14	<0.2	<1	<5	<5	<5	3	1	2	<10	
<i>25% ile:</i>	<5		<0.2	21	10	75	<0.2	2	<5	<5	<5	21	9	33	26	
<i>50% ile:</i>	<5		<0.2	34	12	102	0.2	2	12	<5	<5	28	12	40	38	
<i>75% ile:</i>	6		0.3	85	13	134	0.5	3	33	<5	<5	38	16	50	50	
<i>95% ile:</i>	23		0.5	592	20	210	1.0	7	57	7	7	54	20	90	78	
<i>Duplicate:</i>																
635-014	<5		<0.2	28	6	58	0.3	1	<5	<5	<5	40	12	40	40	
635-032			<0.2	17	13	29	<0.2	2	21	<5	<5	8	5	11	51	
635-048	<5															
635-051			<0.2	15	16	121	<0.2	3	<5	<5	6	30	10	41	35	
635-058	<5															
635-069			<0.2	16	11	48	<0.2	2	<5	<5	7	15	5	31	27	
635-103	6															
635-112			<0.2	722	13	82	0.5	5	12	<5	<5	37	18	57	27	
635-131	11															
635-134			<0.2	28	14	136	0.5	2	<5	<5	6	12	7	27	33	
635-178	12															
635-179			0.2	29	15	91	<0.2	3	14	<5	<5	43	17	28	25	

Is denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 2)

Sample ID	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %
635-842	4.80	1214	115	94	22	7	9	<10	<20	<20	1.90	0.90	0.36	0.02	0.05
635-843	5.98	1273	454	55	19	8	12	<10	<20	<20	1.82	0.36	0.23	0.01	0.07
635-844	4.93	1040	113	96	41	7	12	<10	<20	<20	1.82	0.77	0.44	0.02	0.03
635-845	4.08	758	178	55	55	17	23	<10	<20	<20	1.78	1.48	1.07	0.06	0.05
635-846	6.09	585	134	94	19	2	7	<10	<20	<20	1.48	0.30	0.19	0.02	0.04
635-847	4.41	480	95	100	19	2	4	<10	<20	<20	1.56	1.50	0.24	0.02	0.08
635-848	4.97	422	180	93	28	2	9	<10	<20	<20	1.18	0.26	0.33	0.02	0.05
635-849	4.41	619	94	104	17	2	5	<10	<20	<20	1.02	0.58	0.18	0.02	0.05
635-850	5.68	567	74	79	19	4	9	<10	<20	<20	2.77	1.23	0.30	0.03	0.03
635-851	4.79	604	93	59	61	8	14	<10	<20	<20	3.44	0.88	1.19	0.04	0.03
635-852	4.53	588	59	95	19	4	7	<10	<20	<20	1.81	1.28	0.27	0.02	0.05
635-853	5.23	361	44	87	16	3	7	<10	<20	<20	2.56	1.22	0.18	0.02	0.04
635-854	5.30	573	61	92	11	3	8	<10	<20	<20	2.99	0.78	0.13	0.02	0.04
635-855	6.29	478	51	148	11	2	7	<10	<20	<20	2.38	1.59	0.11	0.02	0.06
635-856	5.98	385	56	133	11	2	7	<10	<20	<20	1.71	0.76	0.10	0.02	0.04
635-857	4.73	428	63	87	17	3	7	<10	<20	<20	2.19	1.37	0.24	0.03	0.05
635-859	1.99	326	183	55	70	11	16	<10	<20	<20	1.84	0.82	0.77	0.02	0.07
635-860	2.08	260	126	57	74	10	14	<10	<20	<20	1.57	0.82	0.86	0.02	0.07
635-861	2.74	929	257	45	131	16	20	<10	<20	<20	1.86	0.70	1.72	0.03	0.05
635-862	2.80	975	158	55	97	9	13	<10	<20	<20	1.61	0.77	1.01	0.02	0.07
635-863	2.83	392	95	62	58	8	13	<10	<20	<20	1.40	0.73	0.66	0.02	0.07
635-865	2.45	278	57	61	23	3	7	<10	<20	<20	1.14	0.49	0.20	0.02	0.05
635-866	3.69	659	97	80	27	2	7	<10	<20	<20	1.41	0.46	0.22	0.02	0.05
635-867	3.33	327	73	81	23	2	8	<10	<20	<20	1.31	0.40	0.20	0.02	0.05
635-868	2.68	528	102	66	61	2	6	<10	<20	<20	1.25	0.50	0.74	0.02	0.07
635-869	2.59	404	65	68	25	4	9	<10	<20	<20	1.32	0.73	0.28	0.02	0.04
635-870	2.69	368	73	69	27	4	9	<10	<20	<20	1.26	0.72	0.29	0.02	0.06
635-871	2.87	521	91	68	42	5	11	<10	<20	<20	1.72	0.90	0.48	0.02	0.09
1000-851	4.98	583	96	61	61	9	16	<10	<20	<20	3.61	0.90	1.19	0.04	0.03
1025-852	4.69	566	57	103	19	4	8	<10	<20	<20	1.87	1.34	0.26	0.02	0.06
1050-853	5.38	378	50	96	15	2	7	<10	<20	<20	2.27	1.01	0.16	0.02	0.04
<i>Stats:</i>															
~~~~~															
n=	515														
Max:	>10.00	5241	933	244	205	75	122	10	<20	<20	5.92	2.85	2.65	0.10	0.25
Min:	0.40	41	28	7	5	1	3	<10	<20	<20	0.30	0.02	0.05	<0.01	0.02
25% ile:	3.60	464	68	63	14	3	8	<10	<20	<20	1.50	0.53	0.16	0.02	0.04
50% ile:	4.53	649	93	75	19	4	10	<10	<20	<20	1.94	0.78	0.26	0.02	0.05
75% ile:	5.25	895	132	92	33	8	15	<10	<20	<20	2.58	1.04	0.50	0.02	0.06
95% ile:	6.68	1383	248	122	78	18	25	<10	<20	<20	3.88	1.50	1.03	0.04	0.10
<i>Duplicate:</i>															
~~~~~															
635-014	4.58	625	88	82	15	7	15	<10	<20	<20	2.68	1.10	0.24	0.03	0.06
635-032	1.82	317	76	22	29	4	7	<10	<20	<20	0.49	0.06	0.22	<0.01	0.05
635-048															
635-051	5.10	365	179	81	22	4	10	<10	<20	<20	2.39	0.81	0.13	0.02	0.05
635-058															
635-069	3.14	225	60	79	18	2	6	<10	<20	<20	1.29	0.44	0.12	0.02	0.04
635-103															
635-112	3.80	868	61	88	32	10	15	<10	<20	<20	1.99	1.41	0.51	0.03	0.05
635-131															
635-134	3.66	1026	446	65	149	7	12	<10	<20	<20	0.84	0.22	1.33	0.02	0.03
635-178															
635-179	4.40	896	128	58	16	7	17	<10	<20	<20	5.08	1.03	0.37	0.04	0.04

Is denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 3)

Sample ID	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635-842	6	19	0.09	<10	5	5	5
635-843	7	9	0.06	<10	<5	10	5
635-844	7	12	0.12	<10	<5	8	9
635-845	8	13	0.24	<10	<5	9	28
635-846	17	9	0.37	<10	<5	20	13
635-847	6	11	0.11	<10	<5	3	2
635-848	22	10	0.42	<10	<5	26	15
635-849	9	7	0.17	<10	<5	7	2
635-850	12	15	0.34	<10	<5	16	33
635-851	12	9	0.31	<10	<5	18	44
635-852	5	16	0.08	<10	<5	2	2
635-853	7	19	0.13	<10	<5	7	14
635-854	10	15	0.18	<10	<5	11	15
635-855	12	20	0.22	<10	7	7	11
635-856	17	10	0.37	<10	<5	11	16
635-857	7	14	0.18	<10	<5	5	12
635-859	5	17	0.07	<10	<5	3	7
635-860	4	15	0.07	<10	<5	2	6
635-861	6	17	0.09	<10	<5	6	13
635-862	5	14	0.05	<10	<5	2	4
635-863	4	14	0.07	<10	<5	2	3
635-865	6	5	0.10	<10	<5	4	3
635-866	9	10	0.15	<10	<5	6	3
635-867	8	7	0.13	<10	<5	6	3
635-868	6	7	0.11	<10	<5	3	3
635-869	4	7	0.09	<10	<5	1	<1
635-870	4	7	0.11	<10	<5	2	3
635-871	6	10	0.08	<10	<5	1	1
1000-851	13	9	0.33	<10	<5	18	46
1025-852	6	17	0.10	<10	<5	2	4
1050-853	10	16	0.16	<10	<5	10	12
<i>Stats:</i>							
~~~~~							
n=	515						
Max:	31	35	0.63	13	25	49	106
Min:	<2	<1	<0.01	<10	<5	<1	<1
25% ile:	7	8	0.10	<10	<5	4	4
50% ile:	10	10	0.15	<10	<5	9	8
75% ile:	13	13	0.23	<10	<5	13	19
95% ile:	18	18	0.37	<10	5	20	39
<i>Duplicate:</i>							
~~~~~							
635-014	9	8	0.19	<10	<5	6	18
635-032	3	4	<0.01	<10	<5	<1	<1
635-048							
635-051	12	17	0.16	<10	<5	13	8
635-058							
635-069	5	10	0.11	<10	<5	4	2
635-103							
635-112	9	15	0.11	<10	6	2	4
635-131							
635-134	14	6	0.29	<10	<5	16	9
635-178							
635-179	16	6	0.28	<10	<5	12	35

Is denotes insufficient sample for analyses

Project 635

Gnat Pass

file: 635Soil_96.wkt

Soil Sample Analyses (ICP)
1996

Reference : v96-01221.0, 1222.0, 1223.0, 1335.0

Sample ID	Au30 ppb	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Hg ppb
635-199			0.2	38	14	203	0.5	3	<5	<5	<5	30	15	42	37
635-213	<5														
635-227			<0.2	34	12	156	0.5	3	<5	<5	7	19	15	38	19
635-255	<5														
635-257	12														
635-259			0.2	13	16	162	0.7	2	<5	<5	6	11	5	32	39
635-281			<0.2	69	12	161	0.4	2	30	<5	<5	25	10	60	42
635-283	8														
635-301			<0.2	47	12	108	0.4	6	7	<5	6	23	9	28	20
635-336			<0.2	16	15	118	0.3	3	<5	<5	7	31	11	37	29
635-338	11														
635-345	<5														
635-357			<0.2	100	18	116	0.4	3	13	<5	<5	29	10	37	54
635-365	<5														
635-378			<0.2	182	12	52	<0.2	5	<5	<5	<5	27	20	44	36
635-576	12														
635-580			<0.2	100	12	70	<0.2	2	24	<5	<5	53	22	112	34
635-597			<0.2	37	13	128	0.2	3	11	<5	<5	29	9	45	76
635-601	12														
635-617			<0.2	1695	12	95	<0.2	3	20	<5	<5	31	13	27	35
635-623	<5														
635-660			<0.2	21	12	173	<0.2	3	<5	<5	<5	21	11	40	48
635-662	<5														
635-682	<5		0.3	27	9	55	<0.2	2	51	<5	<5	26	11	61	43
635-701			0.5	78	10	94	<0.2	2	69	<5	<5	48	23	41	54
635-707	<5														
635-754			0.5	23	12	111	<0.2	2	44	<5	<5	31	10	38	53
635-763	<5														
635-778			0.5	3583	7	63	<0.2	25	1346	<5	6	6	19	3	59
635-811	<5														
635-821			0.5	105	11	90	<0.2	<1	48	<5	<5	53	13	31	63
635-835	<5														
635-838			0.3	115	12	110	0.2	1	54	<5	<5	39	17	77	88
635-857	<5														
635-859			0.2	87	12	99	0.9	2	31	<5	<5	28	7	37	47
635-499	10		<0.2	19	12	93	<0.2	3	<5	<5	<5	27	9	36	44
635-520			<0.2	24	10	130	0.2	3	<5	<5	<5	39	15	39	41
635-525	<5														
635-542			<0.2	90	9	91	<0.2	5	<5	<5	<5	35	16	33	44

Is denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 2)

Sample ID	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %
635-199	5.19	1676	165	73	51	7	13	<10	<20	<20	2.48	0.38	0.49	0.02	0.04
635-213															
635-227	5.27	1474	203	93	43	8	20	<10	<20	<20	1.42	0.46	0.47	0.02	0.04
635-255															
635-257															
635-259	4.92	549	87	84	8	2	11	<10	<20	<20	1.05	0.15	0.06	0.02	0.05
635-281	3.34	345	115	70	87	6	11	<10	25	<20	1.29	0.91	1.11	0.02	0.05
635-283															
635-301	2.89	527	98	65	45	7	13	<10	<20	<20	1.21	0.70	0.62	0.02	0.06
635-336	5.21	890	116	74	7	4	9	<10	<20	<20	2.25	0.43	0.09	0.02	0.04
635-338															
635-345															
635-357	3.60	425	177	65	49	18	24	<10	<20	<20	1.85	0.87	0.59	0.03	0.09
635-365															
635-378	4.28	666	62	85	26	5	9	<10	<20	<20	1.84	0.99	0.33	0.02	0.06
635-576															
635-580	5.21	736	85	130	32	4	8	<10	<20	<20	2.59	1.49	0.47	0.02	0.11
635-597	5.69	570	99	94	16	4	8	<10	<20	<20	2.38	0.74	0.18	0.01	0.04
635-601															
635-617	4.53	582	114	49	57	27	25	<10	<20	<20	3.44	0.79	0.91	0.04	0.03
635-623															
635-660	5.43	998	99	94	13	3	7	<10	<20	<20	1.88	0.62	0.12	0.02	0.05
635-662															
635-682	4.73	494	43	105	19	4	8	<10	<20	<20	1.59	0.88	0.24	0.01	0.04
635-701	5.64	945	81	72	18	5	12	<10	<20	<20	4.31	1.01	0.27	0.04	0.03
635-707															
635-754	5.08	580	85	70	12	4	10	<10	<20	<20	2.33	0.79	0.15	0.02	0.04
635-763															
635-778	6.91	1825	110	52	15	15	19	<10	<20	<20	0.86	0.16	0.33	<0.01	0.10
635-811															
635-821	4.58	753	493	51	53	21	29	<10	<20	<20	2.56	1.33	0.92	0.05	0.05
635-835															
635-838	3.01	1132	162	65	41	4	8	<10	<20	<20	1.65	1.23	0.52	0.02	0.09
635-857															
635-859	1.90	314	175	53	67	11	15	<10	<20	<20	1.76	0.79	0.74	0.02	0.07
635-499	4.85	650	90	68	9	4	9	<10	<20	<20	2.37	0.62	0.10	0.01	0.04
635-520	4.58	1085	100	54	10	8	18	<10	<20	<20	3.17	0.86	0.19	0.03	0.05
635-525															
635-542	4.20	988	105	60	48	7	14	<10	<20	<20	2.36	1.06	0.70	0.03	0.04

Is denotes insufficient sample for analyses

Gnat Pass

Soil Sample Analyses (part 3)

Sample ID	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635-199	21	12	0.27	<10	<5	13	19
635-213							
635-227	19	12	0.32	<10	<5	13	11
635-255							
635-257							
635-259	18	5	0.31	<10	<5	19	10
635-281	6	16	0.12	<10	<5	5	3
635-283							
635-301	6	9	0.08	<10	<5	3	4
635-336	13	9	0.20	<10	<5	18	21
635-338							
635-345							
635-357	6	13	0.09	<10	5	3	6
635-365							
635-378	8	12	0.15	<10	<5	6	7
635-576							
635-580	5	11	0.11	<10	<5	3	7
635-597	10	16	0.10	<10	<5	10	8
635-601							
635-617	12	8	0.25	<10	5	17	45
635-623							
635-660	16	13	0.22	<10	<5	9	6
635-662							
635-682	3	7	0.06	<10	<5	4	5
635-701	13	8	0.39	<10	<5	15	46
635-707							
635-754	10	12	0.12	<10	<5	16	18
635-763							
635-778	3	3	<0.01	<10	7	<1	1
635-811							
635-821	9	13	0.23	<10	<5	13	38
635-835							
635-838	5	10	0.05	<10	<5	2	3
635-857							
635-859	5	16	0.07	<10	<5	3	6
635-499	11	12	0.12	<10	<5	14	11
635-520	13	10	0.19	<10	<5	14	24
635-525							
635-542	11	6	0.30	<10	<5	11	26

Is denotes insufficient sample for analyses

APPENDIX 2

**DRILL LOG DESCRIPTIONS
AND GEOCHEMICAL RESULTS**

Project 635

Hole DH-26 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135501	6	10	<10	<20	<20	2.07	2.43	3.17	0.02	0.11	8	30	0.04	<10	13	2	2
135502	7	8	<10	<20	<20	1.76	1.84	2.27	0.04	0.11	8	18	0.01	<10	8	1	6

Project 635

Hole DH-26 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135503	6	6	<10	<20	<20	0.45	0.86	1.78	0.03	0.13	<2	2	<0.01	<10	△	<1	2
135504	7	5	<10	<20	<20	0.47	1.39	3.02	0.02	0.13	2	2	<0.01	<10	△	<1	4
135505	10	7	<10	<20	<20	0.29	1.16	3.11	0.04	0.13	3	2	<0.01	<10	△	<1	4
135506	7	7	<10	<20	<20	0.48	0.53	1.75	0.04	0.13	3	3	<0.01	<10	△	<1	3
135507	7	8	<10	<20	<20	0.56	1.49	3.09	0.02	0.12	2	3	<0.01	<10	△	<1	4
135508	6	7	<10	<20	<20	0.42	0.73	1.61	0.04	0.11	3	3	<0.01	<10	△	<1	3
135509	7	9	<10	<20	<20	0.61	0.66	1.96	0.05	0.11	3	5	<0.01	<10	△	<1	3
135510	6	7	<10	<20	<20	0.42	0.70	1.86	0.04	0.15	3	2	<0.01	<10	△	<1	3
135511	7	10	<10	<20	<20	0.40	0.80	0.94	0.05	0.09	3	2	<0.01	<10	△	<1	3
135512	7	9	<10	<20	<20	0.42	0.86	1.32	0.06	0.13	<2	2	<0.01	<10	△	<1	2
135513	7	7	<10	<20	<20	0.36	0.75	1.54	0.06	0.10	2	2	<0.01	<10	△	<1	2
135514	7	8	<10	<20	<20	0.43	0.78	1.39	0.05	0.12	3	3	<0.01	<10	△	<1	2
135515	6	6	<10	<20	<20	0.39	1.39	2.83	0.04	0.15	2	2	<0.01	<10	△	<1	2
135516	8	7	<10	<20	<20	0.25	1.37	2.88	0.04	0.12	<2	2	<0.01	<10	△	<1	2
135517	7	7	<10	<20	<20	0.22	1.27	2.17	0.03	0.09	<2	2	<0.01	<10	△	<1	2
135518	6	6	<10	<20	<20	0.36	0.85	1.51	0.05	0.14	2	3	<0.01	<10	△	<1	2
135519	6	4	<10	<20	<20	0.37	1.19	2.35	0.02	0.13	<2	2	<0.01	<10	△	<1	2
135520	5	5	<10	<20	<20	0.40	1.02	1.70	0.03	0.14	2	3	<0.01	<10	△	<1	2
135521	7	7	<10	<20	<20	0.56	1.03	2.92	0.04	0.13	3	7	<0.01	<10	△	<1	2

Project 635

Hole DH-22 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135843	127	6	6	<10	<20	<20	1.89	2.40	5.92	0.08	0.16	10	28	0.16	<10	15	<1	3
135844	80	5	6	<10	<20	<20	1.51	2.16	2.88	0.12	0.42	8	13	0.15	<10	8	<1	5
135845	93	9	16	<10	<20	<20	1.42	1.43	2.54	0.09	0.11	7	15	<0.01	<10	6	<1	4
135846	77	8	15	<10	<20	<20	1.26	1.66	2.64	0.07	0.11	7	12	<0.01	<10	5	<1	5
135847	101	6	9	<10	<20	<20	1.81	2.34	4.33	0.08	0.33	9	20	0.10	<10	11	<1	3
135848	143	5	6	<10	<20	<20	1.35	2.17	4.09	0.10	0.32	8	9	0.11	<10	12	<1	3
135849	111	6	8	<10	<20	<20	2.05	2.62	5.71	0.06	0.39	12	22	0.10	<10	12	<1	2

Project 635

Hole DH-22 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135850	40	10	10	<10	<20	<20	0.98	1.35	2.54	0.08	0.10	6	10	0.01	<10	<5	<1	5
135851	29	8	12	<10	<20	<20	1.54	1.64	1.69	0.06	0.11	10	13	0.01	<10	<5	<1	5
135852	57	8	5	<10	<20	<20	1.64	2.05	1.50	0.07	0.07	11	15	0.03	<10	8	<1	2
135853	27	4	7	<10	<20	<20	0.71	1.22	1.57	0.06	0.12	5	5	<0.01	<10	<5	<1	4
135854	32	5	6	<10	<20	<20	0.44	1.23	1.43	0.04	0.09	4	3	<0.01	<10	<5	<1	4
135855	60	6	14	<10	<20	<20	0.88	1.78	2.06	0.03	0.13	6	11	<0.01	<10	7	<1	5
135856	45	6	7	<10	<20	<20	0.79	1.77	2.66	0.02	0.07	2	4	<0.01	<10	<5	<1	4

DISCOVERY CONSULTANTS

Drill Log

Co-ords:	Drill type & size: AQ	Hole No: DH-22
Azimuth:		Property: Gnat Pass
Dip:	Dip tests:	Location: Gnat Pass
Elevation:		Date St:
		Date Fin:
Length: unknown	file: 635\geodata\dh_022.wk4	
Section:		Logged by: T.Carpenter
Purpose:		Date Logged: 96.09
	Reference: v96-01558.0	

Interval From	To	Description	Sample ID	Sample Interval from	to	Length m	Au30 ppb	Ag ppm	Cu ppm	Cu %	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm
		Silicified and brecciated. Mafic phenos.																						
512.0	624.0	BRECCIA ZONE. FELSITE? Medium to dark grey in colour. Locally porphyritic. Highly siliceous. K alteration locally. Ubiquitous tourmaline with 1-3% chalcopyrite. Appears to be andesite in part.	135857 135858 135859 135860 135861 135862	515.0 535.0 555.0 569.0 590.0 610.0	520.0 540.0 560.0 574.0 595.0 615.0	5.0 5.0 5.0 5.0 5.0 5.0	10 80 23 <5 73 27	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	1425 >10000 4393 1101 6304 3017		2 8 <2 <2 3 3	42 24 48 33 29 17	1.0 0.7 0.7 0.6 <0.2 <0.2	36 474 43 19 22 11	<5 <5 <5 <5 <5 <5	<5 <5 <5 <5 <5 <5	11 11 11 9 9 6	11 16 12 9 11 3	7 13 9 8 11 8	24 10 16 14 18 26	3.65 9.49 7.16 3.88 5.20 2.28	711 928 622 501 624 410	23 34 13 34 33 17	56 82 49 42 106 47
624.0	642.0	ALTERED ANDESITE? Highly siliceous. Medium grey to dark grey. Andesitic texture with potassic alteration in patches.	135863	630.0	635.0	5.0	7	<0.2	877		<2	29	<0.2	8	<5	<5	10	6	16	13	4.43	792	33	130
642.0	727.0	BRECCIA ZONE. FELSITE? Light grey to brown. Silicified porphyritic locally. K alteration locally. Breccia with tourmaline healed fractures common.	135864 135865 135866 135867	656.0 676.0 695.0 711.0	661.0 681.0 700.0 716.0	5.0 5.0 5.0 5.0	<5 <5 17 22	<0.2 <0.2 <0.2 <0.2	605 1293 2140 4059		<2 <2 <2 <2	21 28 18 26	<0.2 <0.2 <0.2 <0.2	11 10 6 9	<5 <5 <5 <5	<5 <5 <5 <5	3 6 5 12	3 9 11 13	38 20 27 36	1.42 3.39 3.52 6.75	384 876 834 879	43 29 52 25	28 46 68 67	
727.0	863.0	FELDSPAR PORPHYRY Generally beige in colour. Phenos to 3 mm. Fracturing and local brecciation common. Limonite and carbonate common. 784.0-795.0 Weak to medium argillic alteration 800.0 Weak argillic alteration. White to cream breccia core.	135868 135869 135870 135871 135872 135873 135874	730.0 750.0 765.0 785.0 805.0 825.0 856.0	735.0 755.0 770.0 790.0 810.0 830.0 861.0	5.0 5.0 5.0 5.0 5.0 5.0 5.0	<5 90 288 7 25 69 11	<0.2 0.4 1.1 <0.2 0.2 0.3 <0.2	2369 5147 >10000 450 5793 5150 2337		2 5 10 <2 5 4 3	8 4 <1 10 2 4 15	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2	48 27 469 6 39 10 9	<5 5 <5 <5 <5 <5 <5	<5 <5 <5 <5 <5 <5 <5	6 3 7 4 2 3 4	3 4 5 29 3 11 6	38 31 27 31 54 44 43	2.23 1.83 4.09 2.00 0.85 1.15 2.21	382 369 528 488 136 239 601	65 44 42 23 61 37 46	24 23 24 15 7 12 23	
863.0	880.0	ANDESITE Dark grey. Bleached and silicified to 868'. Silicified from 868'. Fine to medium grained.																						
880.0	937.0	FELDSPAR PORPHYRY As above 898.0-902.0 Andesite dyke	135875 135876 135877 135878	880.0 898.0 910.0 925.0	885.0 902.0 915.0 930.0	5.0 4.0 5.0 5.0	72 24 19 16	0.3 <0.2 <0.2 <0.2	5948 3176 3537 2957		3 4 4 3	9 23 19 12	<0.2 <0.2 <0.2 <0.2	13 5 5 11	<5 12 10 11	<5 <5 <5 <5	<5 <5 <5 5	4 6 7 3	5 8 31 60	38 2.67 2.25 1.59	314 534 487 553	49 52 40 50	14 52 41 14	
937.0	958.0	Missing core.	135879	961.0	966.0	5.0	61	0.5	>10000	1.0	7	4	<0.2	44	15	<5	5	2	4	61	1.23	121	50	7

Project 635

Hole DH-22 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135857	18	3	5	<10	<20	<20	1.54	2.07	1.08	0.03	0.11	7	16	<0.01	<10	6	<1	3
135858	54	7	9	<10	<20	<20	2.15	1.91	3.29	<0.01	0.03	11	15	<0.01	<10	<5	2	2
135859	35	4	4	<10	<20	<20	2.32	2.38	1.56	0.02	0.10	6	20	<0.01	<10	6	2	2
135860	27	6	9	<10	<20	<20	1.49	1.83	1.44	0.03	0.16	8	11	<0.01	<10	<5	<1	5
135861	39	7	12	<10	<20	<20	1.64	1.96	1.62	0.05	0.17	8	13	0.02	<10	8	1	4
135862	21	7	12	<10	<20	<20	0.92	1.05	1.29	0.08	0.10	5	5	<0.01	<10	<5	<1	4
135863	50	9	6	<10	<20	<20	1.24	1.86	1.74	0.07	0.18	8	9	0.07	<10	11	<1	2
135864	32	7	15	<10	<20	<20	0.46	0.90	1.15	0.05	0.16	3	2	<0.01	<10	<5	<1	4
135865	45	9	16	<10	<20	<20	0.91	1.69	1.87	0.04	0.19	5	5	<0.01	<10	<5	<1	4
135866	56	10	9	<10	<20	<20	0.94	1.59	1.99	0.08	0.29	5	4	0.03	<10	<5	<1	3
135867	62	7	7	<10	<20	<20	1.35	1.73	1.62	0.03	0.16	7	9	<0.01	<10	8	1	2
135868	37	7	9	<10	<20	<20	0.47	0.59	1.02	0.04	0.22	<2	2	<0.01	<10	<5	<1	2
135869	38	7	8	<10	<20	<20	0.36	0.64	1.31	0.06	0.18	<2	2	<0.01	<10	<5	<1	3
135870	54	7	6	<10	<20	<20	0.53	0.90	1.71	0.02	0.23	<2	3	<0.01	<10	<5	<1	3
135871	37	8	9	<10	<20	<20	0.52	0.99	1.32	0.06	0.20	3	2	<0.01	<10	<5	<1	3
135872	31	3	6	<10	<20	<20	0.31	0.21	0.69	0.04	0.21	<2	<1	<0.01	<10	<5	<1	3
135873	60	5	7	<10	<20	<20	0.33	0.37	0.94	0.05	0.18	2	<1	<0.01	<10	<5	<1	3
135874	120	6	6	<10	<20	<20	0.35	1.45	2.69	0.04	0.17	4	1	<0.01	<10	<5	<1	3
135875	98	6	6	<10	<20	<20	0.25	0.69	1.28	0.04	0.18	<2	<1	<0.01	<10	<5	<1	3
135876	133	8	10	<10	<20	<20	0.76	1.45	2.19	0.04	0.21	5	7	<0.01	<10	5	<1	5
135877	117	7	8	<10	<20	<20	0.59	1.33	2.06	0.03	0.17	4	5	<0.01	<10	<5	<1	4
135878	106	7	7	<10	<20	<20	0.33	1.11	2.03	0.05	0.20	3	1	<0.01	<10	<5	<1	3
135879	30	4	5	<10	<20	<20	0.28	0.15	0.57	0.03	0.20	2	<1	<0.01	<10	<5	<1	3

DISCOVERY CONSULTANTS
Drill Log

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

Co-ords: Drill type & size: AQ Hole No: DH-15
 Azimuth: Property: Gnat Pass
 Dip: Dip tests: Location: Gnat Pass
 Elevation: Date St.:
 Date Fin:
 Length: 836 ft. file: 635\geodata\dh_015.wk1
 Section: Logged by: T.Carpenter/A. Panteleyer
 Purpose: Date Logged: 96.09
 Reference: v96-01239.0, 1555.0

25, 2002

Interval From	To	Description	Sample ID	Sample Interval from to	Length ft	Au30 ppb	Au30 ppb	Ag ppm	Cu ppm	Cu %	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	
0.0	75.0	Casing?																						
75.0	242.0	FELDSPAR PORPHYRY Feldspar phenos in a 2-3mm to fine grained creamy matrix. Occasional quartz pheno(?) to 3mm. Ubiquitous breccia healed by quartz and limonite. Fine grained disseminated and fracture controlled pyrite and chalcopyrite.	135765	75.0 80.0	5.0	9		<0.2	1024		3	14	<0.2	26	22	<5	<5	3	8	34	1.04	337	28	
		84.0-85.0 Limonitic F.P. with quartz veinlets	635TC-001	84.0 85.0	1.0	19		<0.2	2053		8	28	<0.2	5	16	<5	<5	6	5	74	2.36	509	31	
		103.8-107.5 Tourmaline veins to 1" thick with chalcopyrite	135766	95.0 100.0	5.0	<5		<0.2	670		3	15	<0.2	13	<5	<5	<5	4	5	64	1.28	225	26	
		106.0-107.0 Tourmaline vein in feldspar porphyry with chalcopyrite	135767	105.0 110.0	5.0	15		<0.2	4899		3	13	<0.2	39	<5	<5	<5	3	4	42	1.69	469	22	
		123.0-124.0 Feldspar Porphyry. Rel. unaltered	635TC-002	106.0 107.0	1.0	62		<0.2	5818		9	22	<0.2	17	5	<5	<5	5	4	77	1.46	362	31	
		135.0-136.0 Limonitic (F.P.) on fractures with pyrite blebs	135768	120.0 125.0	5.0	12		<0.2	1510		4	16	<0.2	18	<5	<5	<5	3	7	74	1.07	245	39	
			635TC-003	123.0 124.0	1.0	29		<0.2	3560		10	16	<0.2	10	<5	<5	<5	4	11	123	1.00	180	63	
			635TC-004	135.0 136.0	1.0	41		0.4	9387		12	29	<0.2	375	8	<5	<5	5	5	74	2.72	273	42	
			135769	140.0 145.0	5.0	21		<0.2	3014		5	8	<0.2	22	10	<5	<5	2	4	68	0.94	194	35	
			135770	145.0 150.0	5.0	50		0.6	>10000	1.1	8	<1	<0.2	7	60	<5	<5	3	7	75	1.80	187	35	
			135771	150.0 155.0	5.0	11		0.3	3968		4	6	<0.2	27	<5	<5	<5	3	3	72	1.03	228	41	
			135772	155.0 160.0	5.0	1388		0.7	>10000	1.6	9	1	<0.2	11	<5	<5	<5	3	6	51	2.81	291	24	
		160.0-161.0 F.P. with 12-15% chalcopyrite as blebs in fractures	635TC-005	160.0 161.0	1.0	8530	7860	2.5	>10000	5.0	26	62	<0.2	14	12	<5	<5	5	10	60	7.22	247	15	
			135773	161.0 165.0	4.0	2896		0.6	>10000	1.1	7	8	<0.2	9	<5	<5	7	3	4	65	3.01	229	24	
			135774	165.0 170.0	5.0	32		<0.2	1798		3	12	<0.2	9	<5	<5	<5	2	6	61	1.19	196	26	
			135775	170.0 175.0	5.0	26		<0.2	1827		3	11	<0.2	34	<5	<5	<5	2	4	65	0.91	286	40	
			135776	175.0 180.0	5.0	1179		<0.2	6361		7	13	<0.2	51	<5	<5	<5	3	7	58	1.67	340	37	
		177.0-178.0 F.P. relatively unaltered	635TC-006	177.0 178.0	1.0	28		<0.2	3343		10	23	<0.2	16	<5	<5	<5	4	6	101	0.92	230	72	
		182.0-186.0 Core missing	135777	180.0 190.0	10.0	252		<0.2	3739		4	22	<0.2	13	<5	<5	<5	5	7	53	2.79	354	39	
			135778	190.0 195.0	5.0	154		<0.2	3537		2	14	<0.2	68	<5	<5	<5	4	4	42	2.51	400	43	
			135779	195.0 200.0	5.0	134		<0.2	2380		<2	16	<0.2	11	<5	<5	<5	4	4	48	2.23	442	52	
		199.0-200.0 F.P. Pinkish k-spar altered. Tourmaline healing fine fractures	635TC-007	199.0 200.0	1.0	242		0.2	4168		11	13	<0.2	15	<5	<5	<5	4	2	95	1.04	200	70	
			135780	200.0 205.0	5.0	63		<0.2	2163		3	10	<0.2	29	<5	<5	<5	4	4	54	1.13	205	42	
			135781	205.0 210.0	5.0	9		<0.2	1137		3	17	<0.2	3	<5	<5	<5	4	8	50	1.98	278	29	
			135782	210.0 215.0	5.0	6		<0.2	1254		3	8	<0.2	6	<5	<5	<5	3	6	66	1.01	217	31	
			135783	215.0 220.0	5.0	12		0.3	2114		4	12	<0.2	60	<5	<5	<5	2	4	65	1.17	201	51	
			135784	220.0 225.0	5.0	98		0.9	9174		5	8	<0.2	14	<5	<5	<5	3	5	40	2.48	663	36	
		223.0-224.0 F.P. Pinkish with tourmaline and limonite healing fractures	635TC-008	223.0 224.0	1.0	660		0.8	6653		12	28	<0.2	26	5	<5	<5	7	4	39	2.66	702	47	
			135785	225.0 230.0	5.0	17		0.2	1688		3	13	<0.2	27	<5	<5	<5	4	3	54	1.28	287	42	
			135786	230.0 235.0	5.0	54		0.4	2758		3	14	<0.2	24	<5	<5	<5	3	3	53	2.07	330	44	
		238.0-246.0 Core missing	135787	235.0 238.0	3.0	203		0.7	3858		3	21	<0.2	32	<5	<5	<5	4	4	36	3.13	391	28	

Project 635

Hole DH-15 Drill Samples Analyses (part 2)

Sample ID	V ppm	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135765	13	53	3	<1	<10	<20	<20	0.37	1.19	1.93	0.05	0.14	<2	1	<0.01	<10	<5	<1	3
635TC-001	24	41	3	3	<10	<20	<20	0.46	0.97	1.61	0.08	0.11	<2	3	<0.01	<10	<5	<1	3
135766	14	28	2	1	<10	<20	<20	0.36	0.57	0.85	0.07	0.14	<2	<1	<0.01	<10	<5	<1	3
135767	15	23	2	<1	<10	<20	<20	0.27	0.86	1.24	0.06	0.11	<2	<1	<0.01	<10	<5	<1	4
635TC-002	13	26	2	2	<10	<20	<20	0.34	0.60	1.06	0.08	0.15	3	1	<0.01	<10	<5	<1	5
135768	11	29	2	2	<10	<20	<20	0.33	0.48	0.87	0.07	0.16	<2	<1	<0.01	<10	<5	<1	3
635TC-003	9	30	2	2	<10	<20	<20	0.37	0.22	0.64	0.09	0.21	<2	<1	<0.01	<10	<5	<1	4
635TC-004	13	30	2	3	<10	<20	<20	0.78	0.57	0.86	0.06	0.18	<2	4	<0.01	<10	<5	<1	4
135769	9	29	2	2	<10	<20	<20	0.28	0.46	0.91	0.06	0.15	<2	<1	<0.01	<10	<5	<1	3
135770	12	26	2	<1	<10	<20	<20	0.30	0.30	0.58	0.06	0.15	<2	1	<0.01	<10	<5	<1	3
135771	9	25	2	1	<10	<20	<20	0.21	0.36	0.71	0.04	0.13	<2	<1	<0.01	<10	<5	<1	3
135772	12	38	2	<1	<10	<20	<20	0.32	0.81	1.23	0.04	0.10	<2	2	<0.01	<10	<5	<1	3
635TC-005	21	29	1	3	<10	<20	<20	0.89	0.76	0.65	0.05	0.12	3	6	<0.01	<10	<5	2	3
135773	13	24	2	<1	<10	<20	<20	0.59	0.66	0.77	0.06	0.11	<2	3	<0.01	<10	<5	<1	3
135774	11	21	1	2	<10	<20	<20	0.40	0.35	0.58	0.06	0.11	<2	2	<0.01	<10	<5	<1	2
135775	11	37	2	2	<10	<20	<20	0.21	0.68	1.22	0.05	0.13	<2	<1	<0.01	<10	<5	<1	3
135776	22	34	3	2	<10	<20	<20	0.33	0.71	1.20	0.05	0.13	<2	<1	<0.01	<10	<5	<1	3
635TC-006	14	43	3	3	<10	<20	<20	0.35	0.42	0.98	0.09	0.22	2	<1	<0.01	<10	<5	<1	3
135777	64	62	4	3	<10	<20	<20	0.69	1.26	1.42	0.06	0.15	4	4	0.01	<10	<5	<1	4
135778	19	47	4	1	<10	<20	<20	0.38	1.11	1.54	0.02	0.14	<2	2	<0.01	<10	<5	<1	5
135779	29	47	4	3	<10	<20	<20	0.51	1.15	1.67	0.03	0.17	3	3	<0.01	<10	<5	<1	5
635TC-007	10	30	2	2	<10	<20	<20	0.28	0.38	0.78	0.06	0.21	2	<1	<0.01	<10	<5	<1	4
135780	18	33	3	3	<10	<20	<20	0.34	0.55	0.93	0.04	0.17	<2	1	<0.01	<10	<5	<1	4
135781	41	45	4	4	<10	<20	<20	0.44	0.73	1.33	0.06	0.16	<2	1	<0.01	<10	<5	<1	4
135782	13	32	3	2	<10	<20	<20	0.27	0.61	1.14	0.06	0.13	<2	<1	<0.01	<10	<5	<1	3
135783	13	31	2	1	<10	<20	<20	0.26	0.66	1.09	0.05	0.16	<2	<1	<0.01	<10	<5	<1	3
135784	28	51	6	4	<10	<20	<20	0.43	1.50	2.65	0.03	0.17	<2	2	<0.01	<10	<5	<1	4
635TC-008	40	74	8	7	<10	<20	<20	0.41	1.58	3.55	0.02	0.19	2	2	<0.01	<10	<5	<1	6
135785	12	48	3	1	<10	<20	<20	0.25	1.19	1.98	0.04	0.15	<2	<1	<0.01	<10	<5	<1	3
135786	18	42	2	<1	<10	<20	<20	0.45	1.30	2.08	0.04	0.15	<2	2	<0.01	<10	<5	<1	3
135787	20	59	3	<1	<10	<20	<20	0.69	1.56	2.50	0.04	0.11	<2	5	<0.01	<10	<5	<1	3

DISCOVERY CONSULTANTS

Drill Log

Co-ords:	Drill type & size: AQ	Hole No: DH-15	
Azimuth:		Property: Gnat Pass	
Dip:	Dip tests:	Location: Gnat Pass	
Elevation:		Date SL:	
		Date Fin:	
Length: 836 ft.	file: 635geodata\dh_015.wk1	Logged by: T.Carpenter/A. Panteleyer	
Section:		Date Logged: 96.09	
Purpose:	Reference: v96-01239.0, 1555.0		

Interval From	To	Description	Sample ID	Sample Interval from	to	Length ft	Au30 ppb	Au30 ppb	Ag ppm	Cu ppm	Cu %	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm
242.0	292.0	ANDESITE Medium to dark green with patchy silicification. The latter is marked by paler green alteration. Chalcopyrite veinlets generally occur in altered zones. 3-5% chalcopyrite locally.	135816	246.0	251.0	5.0	324		0.6	>10000	1.0	7	58	<0.2	116	5	<5	11	10	14	15	4.95	1301	22
		257.0-258.0 Andesite with 3-5% chalcopyrite	635TC-009	257.0	258.0	1.0	39		1.1	5587		57	261	0.4	14	21	<5	6	24	18	143	7.76	1356	62
		268.0-271.0	135817	268.0	271.0	5.0	57		1.4	>10000	1.0	10	139	0.3	28	<5	<5	15	18	15	69	8.11	1213	39
		284.0-285.0 Andesite with 1-3% chalcopyrite and pyrite	635TC-010	284.0	285.0	1.0	51		1.5	9300		18	54	<0.2	20	<5	<5	6	20	15	120	5.41	835	35
292.0	377.0	FELDSPAR PORPHYRY Light to medium grey. Weak epidote alteration. Mineralization (1-2%) disseminated pyrite. Weak local limonitic alteration.	135818	285.0	290.0	5.0	56		0.5	>10000	1.3	6	46	<0.2	13	<5	<5	9	27	22	143	7.32	1312	29
		324.0-325.0 F.P. Minor limonite on fractures	135819	305.0	310.0	5.0	10		<0.2	1392		<2	14	<0.2	29	6	<5	<5	3	4	37	1.28	828	25
		330.0-345.0 Mineralized section. Ubiquitous Fe oxide on fractures. 5-7% disseminated chalcopyrite	635TC-011	324.0	325.0	1.0	18		<0.2	3251		9	16	<0.2	13	<5	<5	<5	4	4	80	1.12	467	35
		331.0-377.0 Limonitic fractures	135820	330.0	335.0	5.0	83		0.4	>10000	1.0	3	45	0.5	79	<5	<5	8	6	7	39	4.22	596	19
		341.0-342.0 F.P. Limonitic. Breccia. Chalcopyrite (5-7%)	135821	335.0	340.0	5.0	204		1.6	>10000	3.9	18	27	0.2	14	11	<5	9	4	21	11	4.67	577	25
			635TC-012	341.0	342.0	1.0	80		0.7	>10000	1.2	18	32	<0.2	2	19	<5	<5	8	75	15	4.52	821	18
377.0	384.5	ALTERED ANDESITE Weakly silicified. Cut by occasional quartz veinlet to 10 mm. 1-3% disseminated pyrite.	135822	355.0	360.0	5.0	<5		<0.2	397		2	25	<0.2	4	18	<5	<5	3	10	48	1.20	368	68
		378.0-379.0 Andesite within F.P. Weakly altered & mineralized	635TC-013	378.0	379.0	1.0	19		<0.2	141		10	78	<0.2	1	11	<5	5	25	28	100	5.40	1306	104
384.5	541.0	FELDSPAR PORPHYRY Limonitic fractures to 394' (Moderate limonite). Ubiquitous fine fracturing. 2-3% disseminated pyrite.	135788	385.0	390.0	5.0	26		<0.2	5596		2	51	<0.2	4	78	<5	<5	8	13	37	3.61	1750	23
		389.0-390.0 F.P. Brecciated & limonitic with 5-7% pyrite and chalcopyrite	635TC-014	389.0	390.0	1.0	123		1.0	>10000	1.1	15	73	<0.2	5	221	<5	<5	14	54	30	5.20	1413	21
		413.0-422.0 Moderate limonite on fractures	135789	390.0	395.0	5.0	15		<0.2	1781		3	25	<0.2	5	11	<5	<5	4	7	33	1.94	1299	94
		425.0-426.0 F.P. Partly altered occasional quartz veinlet. Limonite on fractures	135823	410.0	415.0	5.0	<5		<0.2	399		4	45	<0.2	4	<5	<5	11	11	23	33	4.87	1433	24
		466.0-485.0 Kaolinitic alteration with increased quartz veining	635TC-015	425.0	426.0	1.0	15		<0.2	1943		8	17	<0.2	13	<5	<5	<5	3	2	60	1.05	435	54
			135824	430.0	435.0	5.0	<5		<0.2	815		<2	12	<0.2	14	11	<5	7	3	6	54	1.22	563	116
			135825	450.0	455.0	5.0	<5		<0.2	779		<2	7	<0.2	2	7	<5	<5	3	4	57	0.68	183	41
			135826	465.0	470.0	5.0	<5		<0.2	56		<2	16	<0.2	3	7	<5	<5	3	3	34	1.17	503	29

Project 635

Hole DH-15 Drill Samples Analyses (part 2)

Sample ID	V ppm	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135816	71	63	8	5	<10	<20	<20	1.91	2.11	2.90	0.04	0.12	8	17	<0.01	<10	11	1	2
635TC-009	107	160	7	15	<10	<20	<20	1.35	2.27	3.33	0.03	0.30	7	17	0.01	<10	12	1	4
135817	128	165	9	10	<10	<20	<20	1.54	2.10	2.91	0.02	0.15	11	15	0.01	<10	17	2	2
635TC-010	114	110	7	10	<10	<20	<20	1.53	2.38	3.43	0.04	0.15	6	17	0.03	<10	12	<1	5
135818	117	126	9	13	<10	<20	<20	2.43	2.41	4.54	0.02	0.13	13	26	0.01	<10	20	2	2
135819	12	30	3	3	<10	<20	<20	0.66	1.14	1.69	0.07	0.15	5	4	<0.01	<10	<5	<1	3
635TC-011	12	33	3	4	<10	<20	<20	0.50	0.62	1.35	0.09	0.18	3	2	<0.01	<10	<5	<1	3
135820	26	34	3	4	<10	<20	<20	1.68	1.88	1.13	0.04	0.13	7	12	<0.01	<10	<5	1	4
135821	69	48	6	8	<10	<20	<20	0.94	1.12	1.63	0.05	0.28	5	6	<0.01	<10	7	2	5
635TC-012	56	54	6	9	<10	<20	<20	0.98	1.13	1.99	0.05	0.36	4	4	<0.01	<10	5	1	5
135822	11	54	2	3	<10	<20	<20	0.34	0.74	1.10	0.07	0.13	3	1	<0.01	<10	<5	<1	2
635TC-013	141	149	6	11	<10	<20	<20	1.82	2.71	4.05	0.09	0.40	8	11	0.06	<10	17	<1	3
135788	57	62	6	2	<10	<20	<20	0.69	2.15	3.09	0.03	0.25	3	2	<0.01	<10	10	<1	1
635TC-014	39	86	6	6	<10	<20	<20	0.80	1.85	3.18	0.03	0.15	4	4	<0.01	<10	6	1	2
135789	14	97	4	3	<10	<20	<20	0.43	2.09	3.77	0.04	0.13	5	2	<0.01	<10	<5	<1	3
135823	80	75	9	7	<10	<20	<20	1.64	2.22	3.17	0.05	0.24	10	15	0.01	<10	10	<1	2
635TC-015	6	64	3	3	<10	<20	<20	0.41	1.12	2.24	0.06	0.18	3	<1	<0.01	<10	<5	<1	3
135824	6	58	2	2	<10	<20	<20	0.41	1.12	1.84	0.07	0.17	5	1	<0.01	<10	<5	<1	3
135825	5	31	1	3	<10	<20	<20	0.25	0.35	0.80	0.07	0.13	<2	<1	<0.01	<10	<5	<1	2
135826	9	79	3	3	<10	<20	<20	0.42	1.52	3.05	0.03	0.11	2	2	<0.01	<10	<5	<1	2

DISCOVERY CONSULTANTS

Drill Log

Co-ords: Drill type & size: AQ Hole No: DH-15
 Azimuth: Property: Gnat Pass
 Dip: Dip tests: Location: Gnat Pass
 Elevation: Date SL:
 Date Flu:
 Length: 836 ft. file: 835geodata\dh_015.wk1
 Section: Logged by: T.Carpenter/A. Partheleyer
 Purpose: Date Logged: 96.09
 Reference: V90-01239.0, 1555.0

Interval From	To	Description	Sample ID	Sample Interval from	to	Length ft	Au30 ppb	Au30 ppb	Ag ppm	Cu ppm	Cu %	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm
		474.0-475.0 Argillically altered. F.P.	635TC-016	474.0	475.0	1.0	<5		<0.2	161		8	25	<0.2	4	19	<5	<5	4	4	30	1.51	631	38
		520.0-541.0 Porphyry. Medium green in colour due to epidote and chlorite alteration. Minor quartz veining	135827	485.0	490.0	5.0	<5		<0.2	315		3	9	<0.2	2	12	<5	<5	3	3	71	0.68	231	37
			135828	505.0	510.0	5.0	14		0.2	2111		6	15	<0.2	23	15	<5	<5	3	4	63	1.04	267	48
			135829	525.0	530.0	5.0	135		2.4	>10000	2.3	33	26	<0.2	10	20	<5	<5	16	21	70	4.94	906	33
		526.0-527.0 F.P. Epidotitic and chloritic alteration	635TC-017	526.0	527.0	1.0	85		1.2	>10000	1.3	52	79	<0.2	<1	10	<5	<5	8	7	41	2.95	662	39
541.0	741.0	ANDESITE Dark green. Medium grained. Phenos (pyroxene) to 2-3mm. ~3% disseminated pyrite and lesser chalcopyrite.																						
		548.0-557.0 Bleached & limonitic F.P.	135830	545.0	550.0	5.0	50		0.8	6042		99	82	0.4	7	200	<5	<5	21	34	85	5.21	946	37
			135831	565.0	570.0	5.0	<5		<0.2	401		11	101	<0.2	1	<5	<5	<5	29	30	110	5.30	1643	39
		572.0-573.0 Andesite. 2-3% pyrite	635TC-018	572.0	573.0	1.0	10		<0.2	860		20	165	<0.2	<1	15	<5	<5	30	33	151	6.31	2060	19
			135832	585.0	590.0	5.0	<5		<0.2	215		3	44	<0.2	2	<5	<5	7	27	24	125	5.15	1014	40
		590.0-591.0 Andesite with limonite on fractures	635TC-019	590.0	591.0	1.0	9		<0.2	567		15	84	<0.2	<1	9	<5	7	26	53	119	5.27	1937	39
			135833	605.0	610.0	5.0	9		<0.2	985		<2	39	<0.2	1	<5	<5	7	25	45	135	4.98	881	24
			135834	625.0	630.0	5.0	<5		<0.2	109		<2	42	<0.2	<1	<5	<5	9	28	19	157	4.47	1295	21
		631.0-632.0 Andesite.	635TC-020	631.0	632.0	1.0	8		<0.2	105		10	69	<0.2	1	8	<5	<5	48	25	234	5.19	1295	33
		639.0-640.5 Feldspar Porphyry dyke	135835	645.0	650.0	5.0	<5		<0.2	1181		<2	41	<0.2	3	<5	<5	6	52	35	199	5.05	1043	32
		663.0-664.0 Andesite with chalcopyrite on fractures	635TC-021	663.0	664.0	1.0	14		<0.2	1241		6	43	<0.2	25	17	<5	<5	18	13	113	3.84	800	31
			135836	665.0	670.0	5.0	8		<0.2	794		<2	47	<0.2	2	<5	<5	7	23	18	110	4.86	1063	36
			135837	685.0	690.0	5.0	<5		<0.2	141		<2	53	<0.2	2	<5	<5	10	36	27	150	5.48	1079	55
		701.0-702.0 Andesite. Largely unaltered	635TC-022	701.0	702.0	1.0	7		<0.2	155		11	62	<0.2	1	13	<5	7	25	43	131	6.59	977	47
		687.0-727.0 Well fractured core	135838	713.0	718.0	5.0	<5		<0.2	641		<2	35	<0.2	7	<5	<5	<5	16	33	58	5.03	848	40
		727.0-741.0 Heavily fractured core.	135839	730.0	736.0	8.0	42		<0.2	1644		<2	47	<0.2	3	<5	<5	10	22	16	126	5.75	1078	36
741.0	782.0	FELDSPAR PORPHYRY Generally creamy in colour to ~ 769'. 769.0-782.0 Greenish weakly to moderately epidotized and chloritized																						
		778.0-779.0 F.P. Epidotized and chloritized ± sericit	635TC-023	778.0	779.0	1.0	13		<0.2	1887		9	32	<0.2	<1	6	<5	<5	7	8	33	2.75	1198	32
782.0	805.0	ANDESITE Dark green. Weak to moderate alteration. Local pyrite to 3%. 797.0-798.0 Andesite. Dark green. 1-2% pyrite 801.0-805.0 Medium grained bleached and moderately siliceous rock																						
			135841	792.0	797.0	5.0	<5		<0.2	251		2	66	<0.2	2	<5	<5	9	30	22	122	5.04	1263	61
			635TC-024	797.0	798.0	1.0	9		<0.2	99		11	94	<0.2	<1	6	<5	<5	27	15	108	5.07	1492	47

Project 635

Hole DH-15 Drill Samples Analyses (part 2)

Sample ID	V ppm	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635TC-016	12	87	3	3	<10	<20	<20	0.64	2.03	4.62	0.02	0.14	<2	3	<0.01	<10	<5	<1	2
135827	10	33	2	3	<10	<20	<20	0.26	0.56	1.10	0.08	0.15	2	<1	<0.01	<10	<5	<1	2
135828	11	33	2	3	<10	<20	<20	0.30	0.59	1.15	0.09	0.15	3	<1	<0.01	<10	<5	<1	3
135829	71	105	8	7	<10	<20	<20	0.66	1.86	3.58	0.04	0.16	6	6	0.01	<10	10	1	4
635TC-017	66	86	7	9	<10	<20	<20	0.61	1.43	2.68	0.07	0.16	3	5	<0.01	<10	7	<1	4
135830	89	104	8	5	<10	<20	<20	0.94	2.28	3.66	0.07	0.23	7	8	0.02	<10	14	1	3
135831	148	154	6	5	<10	<20	<20	1.82	2.31	5.64	0.07	0.31	11	16	0.10	<10	14	<1	2
635TC-018	174	163	7	11	<10	<20	<20	2.06	2.37	5.63	0.05	0.12	11	18	0.05	<10	19	<1	2
135832	160	127	6	4	<10	<20	<20	1.50	2.13	4.11	0.08	0.27	7	12	0.12	<10	14	<1	3
635TC-019	150	246	4	10	<10	<20	<20	2.12	2.64	7.66	0.03	0.19	10	17	0.08	<10	16	<1	3
135833	143	118	6	5	<10	<20	<20	1.59	2.14	4.10	0.08	0.26	8	14	0.11	<10	14	<1	3
135834	136	211	6	6	<10	<20	<20	1.53	2.27	6.10	0.07	0.22	8	13	0.08	<10	16	<1	3
635TC-020	150	225	6	8	<10	<20	<20	2.58	2.92	5.78	0.10	0.40	10	20	0.11	<10	17	<1	3
135835	118	188	4	5	<10	<20	<20	2.14	2.58	5.39	0.06	0.46	11	18	0.10	<10	14	<1	2
635TC-021	107	85	6	9	<10	<20	<20	1.55	2.12	2.98	0.11	0.33	4	11	0.13	<10	10	<1	3
135836	127	177	5	6	<10	<20	<20	2.27	2.49	5.03	0.08	0.45	10	16	0.09	<10	12	1	2
135837	172	163	6	7	<10	<20	<20	2.50	2.54	4.33	0.10	0.63	11	23	0.14	<10	18	<1	2
635TC-022	181	121	6	9	<10	<20	<20	2.63	2.78	3.56	0.08	0.38	8	21	0.10	<10	16	1	3
135838	157	91	8	5	<10	<20	<20	1.55	2.06	2.98	0.11	0.38	7	10	0.16	<10	12	<1	2
135839	151	148	7	7	<10	<20	<20	1.62	2.19	4.51	0.12	0.23	8	15	0.12	<10	16	<1	3
135840	97	143	7	6	<10	<20	<20	1.25	1.97	3.04	0.07	0.32	7	8	0.03	<10	18	<1	2
635TC-023	59	69	8	11	<10	<20	<20	0.87	1.62	2.78	0.07	0.18	5	6	<0.01	<10	7	<1	3
135841	149	128	5	5	<10	<20	<20	1.71	2.27	4.05	0.11	0.34	10	12	0.12	<10	14	<1	2
635TC-024	142	108	5	7	<10	<20	<20	1.80	2.24	3.78	0.16	0.32	6	9	0.14	<10	12	<1	2

Project 635

Hole DH-15 Drill Samples Analyses (part 2)

Sample ID	V ppm	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635TC-025	15	49	4	5	<10	<20	<20	0.50	1.58	2.92	0.07	0.14	5	2	<0.01	<10	<5	<1	2
135842	11	44	3	4	<10	<20	<20	0.37	0.97	2.11	0.09	0.15	3	1	<0.01	<10	<5	<1	2

DISCOVERY CONSULTANTS
Drill Log

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

Co-ords: Drill type & size: AQ Hole No: DH-21
 Azimuth: Property: Gnat Pass
 Dip: Dip tests: None Location: Gnat Pass
 Elevation: Date St:
 Date Fin:
 Length: unknown file: 635\geodata\dh_21.wk1
 Section: Logged by: T.Carpenter
 Purpose: Date Logged: 96.09
 Reference: v96-01239.0

25,202

Interval From	To	Description	Sample ID	Sample Interval from	Interval to	Length m	Au30 ppb	Ag ppm	Cu ppm	Cu %	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm	
0.0	9.0	Casing??																							
9.0	69.0	ANDESITE Medium green, medium grained with phenos to 2-3mm. Weakly to moderately silicified. Brown limonite and Fe-carbonate healing fractures.																							
		20.0- 21.0 Andesite.	635TC-064	20.0	21.0	1.0	14	<0.2	1245		9	64	<0.2	7	20	<5	8	33	24	187	5.75	911	162	152	
		35.0- 39.0 Felsite. Light brown altered feldspathic rock. Chalcopyrite bounding bounding in tourmaline healed fractures																							
		39.0- 45.0 Fault/shear zone																							
		60.0- 64.0 Limonitic rock. Broken. Fault?																							
		68.0- 69.0 Andesite. Silicified.	635TC-065	68.0	69.0	1.0	15	<0.2	848		11	45	<0.2	5	8	<5	6	32	25	170	4.99	854	134	152	
69.0	76.0	FELDSPAR PORPHYRY Pink rock to 73'. Decomposed mafic rock from 73-76'																							
76.0	159.0	ANDESITE As from 9-69'. Moderately silicified. Carbonate common on fractures. Chalcopyrite evident as disseminations blebs and fracture fillings from ~100' (1-3%)																							
		103.0-104.0 Andesite with ~1-3% chalcopyrite	635TC-066	103.0	104.0	1.0	36	0.5	5787		127	311	1.0	7	11	<5	<5	11	12	14	5.49	1130	42	131	
		125.0-126.0 Andesite with ~1-3% chalcopyrite	635TC-067	125.0	126.0	1.0	29	<0.2	2097		17	74	<0.2	7	<5	<5	5	32	26	210	6.36	1184	24	186	
		158.0-159.0 Andesite.	635TC-068	158.0	159.0	1.0	47	0.4	6896		13	38	<0.2	5	23	<5	9	19	15	73	7.59	694	29	152	
159.0	165.0	FELDSPAR PORPHYRY? Possible altered andesite.k-spar and limonitic alteration and silicification. 161.5-162.5 Altered andesite																							
165.0	204.0	ANDESITE Medium to dark green in colour. Occasional quartz veinlet. Limonite/hematite on occasional fractures. 3-5% chalcopyrite to 178'. Decreased chalcopyrite (1%) from 178'. 171.0-172.0 Andesite with 5-7% chalcopyrite. 198.0 Shear ca	635TC-069	171.0	172.0	1.0	110	0.8	>10000	1.0	15	43	<0.2	34	11	<5	<5	22	19	137	7.87	943	18	157	

Project 635

Hole DH-21 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635TC-070	94	9	12	<10	<20	<20	0.84	1.14	2.04	0.07	0.18	4	8	<0.01	<10	6	<1	4
635TC-071	177	7	30	<10	<20	<20	1.77	2.01	6.15	0.05	0.07	10	14	0.04	<10	18	<1	3
635TC-072	72	6	9	<10	<20	<20	1.49	2.03	3.50	0.13	0.27	6	15	0.15	<10	10	<1	3
635TC-073	48	5	6	<10	<20	<20	1.67	2.28	2.94	0.19	0.52	5	10	0.17	<10	9	<1	3
635TC-074	135	6	13	<10	<20	<20	2.26	2.50	3.77	0.03	0.16	8	39	0.13	<10	9	1	5
635TC-075	42	5	7	<10	<20	<20	1.49	2.09	2.73	0.16	0.35	6	11	0.17	<10	8	<1	3
635TC-076	122	6	7	<10	<20	<20	2.27	2.81	6.28	0.08	0.22	10	24	0.15	<10	15	<1	2
635TC-077	158	7	8	<10	<20	<20	2.50	3.01	5.51	0.06	0.16	8	28	0.07	<10	16	<1	1
635TC-078	157	6	5	<10	<20	<20	2.58	2.44	3.05	0.10	0.51	8	15	0.06	<10	9	<1	<1
635TC-079	42	11	13	<10	<20	<20	0.51	1.19	1.36	0.08	0.02	4	3	<0.01	<10	<5	<1	7
635TC-080	26	11	12	<10	<20	<20	0.86	1.03	0.86	0.12	0.05	6	6	0.02	<10	<5	<1	9

Project 635

Hole DH-21 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635TC-081	119	9	12	<10	<20	<20	0.93	1.65	3.40	0.04	0.25	5	5	<0.01	<10	6	<1	4
635TC-082	39	11	15	<10	<20	<20	1.49	1.29	2.94	0.06	0.11	9	10	<0.01	<10	<5	<1	4
635TC-083	46	10	11	<10	<20	<20	1.35	1.33	2.05	0.07	0.14	7	12	0.02	<10	<5	<1	7
635TC-084	47	8	13	<10	<20	<20	1.23	1.60	2.21	0.04	0.12	5	9	<0.01	<10	<5	<1	5

Project 635

Hole DH-21 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635TC-085	35	8	14	<10	<20	<20	1.14	0.93	1.59	0.06	0.20	5	7	<0.01	<10	<5	<1	6
635TC-086	72	13	8	<10	<20	<20	1.44	1.53	2.24	0.13	0.29	5	7	0.11	<10	9	<1	1
635TC-087	61	8	7	<10	<20	<20	1.90	1.75	1.88	0.12	0.22	7	12	0.03	<10	7	<1	<1

DISCOVERY CONSULTANTS
Drill Log

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

Co-ords: Drill type & size: AQ Hole No: DH-36
 Azimuth: Property: Gnat Pass
 Dip: Location: Gnat Pass
 Elevation: Date St.:
 Date Pl.:
 Length: unknown file: 635\geodata\dh_036.wk4
 Section: Logged by: A. Partheleyer
 Purpose: Date Logged: 96.09

Reference: v98-01517.0

25,202

Interval From	To	Description	Sample ID	Sample Interval from	Length to	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm	
0.0	20.0	Overburden No strong oxidation. Weak oxidation to 62'.																						
20.0	40.0	FELDSPAR PORPHYRY Pale grey and white phenos - moderately fractured. Silicified. Weak pyrite. Nil grade.	135546	30.0	35.0	5.0	<5	<0.2	388	3	103	<0.2	8	7	<5	<5	6	15	15	4.40	997	41	67	112
40.0	49.0	VOLCANIC (Altered pyroxene basalt?) Co3 altered. Brown buff and relic pyroxene crystals. No sulphides.	135547	50.0	55.0	5.0	<5	<0.2	331	<2	32	<0.2	2	<5	<5	<5	3	7	18	2.42	566	13	56	28
49.0	78.0	FELDSPAR PORPHYRY as above. Possible contact @35' to C.A. Mosaic breccia 52-54', white, silicic fragments, trace tourmaline? No Cu. Some brecciation to 64'. At 78' contact very irregular ~45' to C.A.	135548	70.0	75.0	5.0	<5	<0.2	316	<2	31	<0.2	5	<5	<5	<5	2	5	16	2.10	761	14	39	29
78.0	86.0	VOLCANIC "ANDESITE" MEDIUM granular. Feldspathic. Chloritic and CO3 altered volcanic. No sulphides.																						
86.0	117.0	FELDSPAR PORPHYRY as above. Very pale, weak to moderate fractured bleached (pervasive washout look). Relict homogeneous texture - medium grained feldspar phenos in aphanitic grey matrix. Possible contact at 117' @45' to C.A.	135549 135550	90.0 110.0	95.0 115.0	5.0 5.0	<5 <5	<0.2 <0.2	12 238	<2 <2	42 100	<0.2 <0.2	2 1	<5 17	<5 <5	2 22	6 18	16 53	2.27 3.81	474 1109	17 37	24 72	34 165	
117.0	120.0	FINE GRAIN PYROXENE BASALT No magnetic response. No sulphides. "Andesite"																						
120.0	125.0	DYKE Aphanitic grey feldspar porphyry type dyke with clots, rounded alteration patches to 4mm of dark (biotite, chlorite) alteration. Trace chalcocopyrite.																						
125.0	131.0	Type PYROXENE BASALT	135551	125.0	130.0	5.0	<5	<0.2	48	<2	34	<0.2	1	<5	<5	<5	33	18	85	3.23	622	136	124	161

Project 635

Hole DH-36 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135546	9	6	<10	<20	<20	1.85	1.59	1.88	0.03	0.26	10	19	<0.01	<10	5	<1	2
135547	7	11	<10	<20	<20	0.95	0.90	1.11	0.06	0.09	6	8	<0.01	<10	<5	<1	1
135548	8	12	<10	<20	<20	0.80	1.04	1.38	0.05	0.09	6	8	<0.01	<10	<5	<1	2
135549	8	11	<10	<20	<20	0.70	1.00	0.85	0.05	0.14	5	6	<0.01	<10	<5	<1	3
135550	9	7	<10	<20	<20	0.59	1.89	3.35	0.02	0.19	4	3	<0.01	<10	16	<1	1
135551	5	4	<10	<20	<20	2.56	2.25	2.94	0.25	0.80	6	10	0.15	<10	16	<1	2

DISCOVERY CONSULTANTS

Drill Log

Co-ords:	Drill type & size: AQ	Hole No: DH-36
Azimuth:		Property: Gnat Pass
Dip:	Dip tests:	Location: Gnat Pass
Elevation:		Date St.:
		Date Fin:
Length: unknown	file: 635geodata\dh_036.wk4	
Section:		Logged by: A. Panteleyer
Purpose:		Date Logged: 96.09
	Reference: v96-01517.0	

Interval From	To	Description	Sample ID	Sample Interval from	to	Length m	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm
131.0	156.0	Typical FELDSPAR PORPHYRY Relict coarse grained and porphyritic ~140'. Trace chalcopyrite throughout. Fractured. CO3 alteration weak. Local silicification, bleaching etc.	135552	135.0	140.0	5.0	39	<0.2	1369	2	55	<0.2	3	<5	<5	<5	12	11	48	3.59	859	80	81	59
156.0	164.0	PYROXENE BASALT Strongly altered 1' rear contact with feldspar porphyry.	135553	155.0	160.0	5.0	29	<0.2	1425	<2	53	0.6	2	<5	<5	5	22	17	82	3.70	905	103	122	144
164.0	194.0	FELDSPAR PORPHYRY (altered) - BRECCIATED ~170 becomes very strongly clay altered, ground, with silicified zones. Slightly vuggy silicified veins and patches. Chalky white crushed (feldspathic) matrix ~180-185 probable volcanic inclusion. 170.0-189.0 breccia - clay altered crushed 180.0-181.0 possible fault 180.2-181.5 possible fault	135554	180.0	185.0	5.0	18	0.2	6314	<2	63	<0.2	3	50	<5	7	18	20	36	5.56	995	61	53	153
194.0	235.0	"ANDESITE" (fine grain pyroxene basalt) Medium grey fine grained volcanic rock - fine granular, homogeneous volcanic. Brown pervasive alteration - CO3 ? Pyrite increases at 221'. CO3 alteration -pervasive and in fractures ± chlorite.	135555 135556	200.0 220.0	205.0 225.0	5.0 5.0	<5 <5	<0.2 <0.2	83 1958	<2 <2	47 43	1.6 0.8	4 3	<5 13	<5 <5	<5 7	21 8	20 19	48 11	5.77 5.15	1217 803	84 56	144 87	219 165
235.0	302.0	FELDSPAR PORPHYRY - ENTERING ZONE >100' of very strongly altered rock. Crushed, brecciated and bleached rock mainly feldspar porphyry and alteration effects. Clay altered zone 260-300'. Pervasive altered silicified zone 300' and milled breccias ~320', 330-340', (variably altered). 235.0-256.0 easily recognizable feldspar porphyry. Some fractures etc 256.0-278.0 and 285-300. Strong clay alteration, most intense	135557 135558	234.0 258.0	239.0 263.0	5.0 5.0	<5 86	<0.2 <0.2	137 567	<2 <2	35 40	0.2 <0.2	2 <1	<5 8	<5 <5	6 3	7 3	10 5	19 27	3.53 2.18	442 598	32 45	56 12	95 85

Project 635

Hole DH-36 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135552	8	22	<10	<20	<20	1.40	1.67	2.10	0.04	0.21	7	14	<0.01	<10	8	<1	2
135553	7	11	<10	<20	<20	1.87	2.12	2.96	0.13	0.49	6	16	0.07	<10	16	<1	2
135554	8	6	<10	<20	<20	0.84	1.85	3.27	0.01	0.40	4	2	<0.01	<10	12	<1	2
135555	9	9	<10	<20	<20	1.48	2.06	6.82	0.02	0.26	6	17	0.01	<10	21	<1	2
135556	11	8	<10	<20	<20	0.95	1.89	4.66	0.02	0.28	3	5	<0.01	<10	10	<1	2
135557	9	9	<10	<20	<20	0.72	1.35	2.10	0.06	0.16	4	5	<0.01	<10	6	<1	1
135558	9	10	<10	<20	<20	0.49	1.18	1.46	0.06	0.19	3	1	<0.01	<10	<5	<1	1

Project 635

Hole DH-36 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135559	9	13	<10	<20	<20	0.82	1.31	1.11	0.04	0.27	3	5	<0.01	<10	<5	<1	4
135560	7	7	<10	<20	<20	0.95	1.78	3.87	0.03	0.20	4	6	<0.01	<10	9	<1	2
135561	10	11	<10	<20	<20	0.59	1.09	2.26	0.03	0.33	2	1	<0.01	<10	5	<1	3
135562	5	9	<10	<20	<20	0.38	0.58	1.31	0.05	0.21	<2	1	<0.01	<10	<5	<1	4
135563	8	7	<10	<20	<20	0.32	1.65	4.20	0.03	0.18	3	1	<0.01	<10	<5	<1	3

Project 635

Hole DH-36 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135564	9	9	<10	<20	<20	0.49	1.38	2.68	0.05	0.21	3	3	<0.01	<10	<5	<1	2
135565	11	8	<10	<20	<20	0.62	0.94	2.50	0.03	0.33	<2	2	<0.01	<10	5	<1	3
135566	9	9	<10	<20	<20	0.27	0.46	3.17	0.06	0.13	<2	1	<0.01	<10	<5	<1	2
135567	10	9	<10	<20	<20	0.44	0.77	4.20	0.05	0.13	3	5	<0.01	<10	<5	<1	2
135568	4	5	<10	<20	<20	0.43	0.71	1.80	<0.01	0.18	3	2	<0.01	<10	<5	<1	2
135569	8	6	<10	<20	<20	0.33	0.47	3.81	0.04	0.17	<2	<1	<0.01	<10	<5	<1	3
135570	6	7	<10	<20	<20	0.28	0.59	6.77	0.04	0.16	<2	<1	<0.01	<10	<5	<1	2

DISCOVERY CONSULTANTS

Drill Log

Co-ords:	Drill type & size: AQ	Hole No: DH-35
Azimuth:		Property: Gnat Pass
Dip:	Dip tests:	Location: Gnat Pass
Elevation:		Date St.:
		Date Fin:
Length: unknown	file: 635\geodata\dh_035.wk4	
Section:		Logged by: T.Carpenter
Purpose:		Date Logged: 96.09
	Reference: v06-01239.0	

Interval From	To	Description	Sample ID	Sample Interval from	to	Length m	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm
		207.0-207.5 Quartz veining																						
		207.5-208.0 Argillically altered rock																						
		212.5-216.5 Dark green rock - basalt dyke or poorly altered andesite																						
216.5	222.0	FELDSPAR PORPHYRY Strong K-alt to 218'. From 218'-236' generally weak to moderate argillic alteration. Tourmaline veining to 6-8". Tourmaline fracture fillings common. Occasional carbonate veins. Breccia common with chlorite, tourmaline and limonite. 218.0-222.0 Feldspar porphyry																						
222.0	247.0	Strong potassic alteration and with abundant tourmaline healing fractures. 223.0-224.0 Argillite altered with tourmaline healing fractures 245.0-246.0 Altered and k-alt with tourmaline	635TC-111	223.0	224.0	1.0	56	0.9	7627	10	37	<0.2	110	109	<5	<5	5	4	18	6.29	779	28	30	76
			635TC-112	245.0	246.0	1.0	23	0.3	5313	11	30	<0.2	8	147	<5	<5	3	5	28	3.56	588	27	29	63
247.0	253.0	ALTERED ANDESITE Light to medium brown with abundant tourmaline fracture filling. Moderate k-alt.																						
253.0	265.0	FELDSPAR PORPHYRY Argillically altered. Phenos to 2-3 mm. Abundant tourmaline veins to 6" containing up to 15-20% chalcopyrite.																						
265.0	282.0	ANDESITE Medium green to grey. Silicified and locally bleached. 1-3% disseminated chalcopyrite locally and tourmaline on fractures with chalcopyrite.																						
282.0	331.0	FELDSPAR PORPHYRY Weak k-alt. Beige in colour. Abundant tourmaline veins to 6" but mostly ~2-3mm. 284.0-285.0 F.P. with tourmaline veinlets 309.0-310.0 Tourmaline vein with chalcopyrite in F.P.635TC-114	635TC-113	284.0	285.0	1.0	14	<0.2	3610	8	12	<0.2	3	<5	<5	<5	3	3	54	2.62	351	52	13	37
				309.0	310.0	1.0	55	0.6	8842	11	15	<0.2	147	86	<5	<5	3	4	54	2.55	451	26	12	36

Project 635

Hole DH- Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635TC-111	10	5	<10	<20	<20	0.48	1.24	2.54	0.04	0.09	<2	3	<0.01	<10	<5	1	4
635TC-112	11	16	<10	<20	<20	0.51	0.90	1.68	0.05	0.14	<2	2	<0.01	<10	<5	<1	4
635TC-113	6	7	<10	<20	<20	0.34	0.52	0.87	0.04	0.23	2	<1	<0.01	<10	<5	<1	4
635TC-114	6	4	<10	<20	<20	0.38	0.74	1.33	0.03	0.15	2	1	<0.01	<10	<5	<1	5

DISCOVERY CONSULTANTS
Drill Log

Co-ords:	Drill type & size: AQ	Hole No: DH-35
Azimuth:		Property: Gnat Pass
Dip:	Dip tests:	Location: Gnat Pass
Elevation:		Date St.:
		Date Fin.:
Length: unknown	file: 635geodata\dh_035.wk4	
Section:		Logged by: T. Carpenter
Purpose:		Date Logged: 96.09
	Reference: v98-01239.0	

Interval From	To	Description	Sample ID	Sample Interval from	Length to	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm	
		309.0-309.7 Tourmaline vein with 5-7% chalcopyrite																						
331.0	348.0	ALTERED ANDESITE Very highly silicified. Medium grey to light grey colour. Ubiquitous tourmaline fracture fillings with 3-4% chalcopyrite.																						
		340.0-341.0 Altered. Andesite with tourmaline and chalcopyrite	635TC-115	340.0	341.0	1.0	11	0.2	3572	9	27	<0.2	33	10	<5	5	3	8	30	3.30	511	29	38	70
348.0	357.0	FELDSPAR PORPHYRY as above																						
357.0	422.0	ALTERED ANDESITE Overall light grey and very highly silicified. Crackle breccia throughout healed with tourmaline. Chalcopyrite common 1-3%																						
		364.0-365.0 Altered. Andesite with tourmaline and chalcopyrite	635TC-116	364.0	365.0	1.0	16	<0.2	2774	8	22	<0.2	31	<5	<5	6	5	6	38	3.83	733	45	32	55
		371.0-373.0 Basalt dyke.																						
		386.0-387.0 Altered. Andesite with tourmaline and chalcopyrite	635TC-117	386.0	387.0	1.0	36	0.5	7468	11	17	<0.2	60	7	<5	<5	6	6	30	3.44	449	36	22	40
		393.0-395.0 F.P. dyke.																						
		410.0-411.0 Argillite. Altered. Andesite.	635TC-118	410.0	411.0	1.0	43	0.3	5917	11	43	<0.2	12	50	<5	8	4	17	18	4.17	304	23	18	77
422.0	434.0	ALTERED ANDESITE Bleached and brecciated with abundant clay alteration on fractures. Little silicification evident. Chloritic fractures with occasional chalcopyrite.																						
434.0	500.0	ANDESITE Light to medium grey. Silicified and k-altered. Cut by occasional tourmaline veinlet. Minor quartz evident.																						
		449.0-450.0 Altered. Andesite. Bleached and k-altered.	635TC-119	449.0	450.0	1.0	70	0.3	2517	6	44	<0.2	3	<5	<5	7	3	6	32	3.42	934	36	31	53
		482.0-483.0 Altered. Andesite. k-alt with tourmaline veinlets and chalcopyrite	635TC-120	482.0	483.0	1.0	18	<0.2	3578	9	22	<0.2	7	<5	<5	<5	2	5	31	4.16	602	32	16	44

Project 635

Hole DH- Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635TC-115	15	16	<10	<20	<20	0.57	0.91	1.61	0.07	0.19	4	3	<0.01	<10	<5	<1	8
635TC-116	13	12	<10	<20	<20	0.42	1.12	1.98	0.06	0.24	<2	2	<0.01	<10	<5	<1	6
635TC-117	9	11	<10	<20	<20	0.50	0.74	1.39	0.05	0.25	3	2	<0.01	<10	<5	<1	4
635TC-118	7	8	<10	<20	<20	0.73	0.98	1.17	0.02	0.44	3	1	<0.01	<10	<5	<1	6
635TC-119	11	14	<10	<20	<20	0.46	1.15	1.85	0.06	0.19	3	4	<0.01	<10	<5	<1	7
635TC-120	9	12	<10	<20	<20	0.28	0.82	1.09	0.04	0.21	<2	<1	<0.01	<10	<5	<1	8

DISCOVERY CONSULTANTS
Drill Log

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

Co-ords: Drill type & size AQ Hole No: DH-32
 Azimuth: Property: Gnat Pass
 Dip: Dip tests: Location: Gnat Pass
 Elevation: Date SL:
 Date Fin:
 Length: 520' file: 635geodata\vdh_032.wk4
 Section: Logged by: T. Carpenter
 Purpose: Date Logged: 96.09
 Reference: v96-01550.0

25, 2002

Interval From	To	Description	Sample ID	Sample Interval from	Length to	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm	
0.0	11.0	Casing																						
11.0	66.5	FELDSPAR PORPHYRY Beige to cream in colour. Feldspar phenos to 3 mm along with mafic (mica) phenos. Weak to moderate argillic alteration. Limonitic staining in matrix.	135638	20.0	25.0	5.0	24	<0.2	2142	4	19	2.1	33	19	9	<5	4	19	47	1.71	304	43	23	50
			135639	40.0	45.0	5.0	10	<0.2	1510	<2	22	0.4	3	24	9	<5	3	9	46	2.09	317	34	21	40
			135640	60.0	65.0	5.0	8	<0.2	1364	2	31	0.8	3	27	14	<5	2	2	29	1.82	290	72	9	170
		48.0- Tourmaline. Occurs as fracture filling. Weak.																						
66.5	75.0	ANDESITE Medium to dark grey. Fine grained matrix with mafic phenos to 3 mm. Silicified.	135641	70.0	75.0	5.0	<5	<0.2	393	<2	42	1.1	3	30	14	7	8	15	14	5.33	834	107	126	227
75.0	501.0	FELDSPAR PORPHYRY Limonitic and pinkish to 80' with occasional quartz veinlet. Less altered than previous section.	135642	91.0	96.0	5.0	40	<0.2	4904	4	27	0.6	17	16	9	<5	3	4	59	2.84	386	50	25	74
		93.5- 95.5 Strong tourmaline veining.	135643	110.0	115.0	5.0	10	<0.2	3480	3	21	0.5	4	14	7	<5	2	6	49	2.13	356	33	29	41
		113.5-114.0 Tourmaline veins.	135644	130.0	135.0	5.0	<5	<0.2	2696	6	93	1.0	5	50	7	<5	3	11	39	2.37	413	36	33	79
		149.0-153.0 Andesite/basalt dyke (?)	135645	153.0	158.0	5.0	16	<0.2	2755	5	24	0.4	4	7	6	<5	3	6	63	1.99	362	68	42	113
		174.0-182.0 Increased tourmaline veining.	135646	175.0	180.0	5.0	12	<0.2	1648	7	32	0.4	3	12	8	<5	3	10	51	1.94	444	50	34	108
		Minor tourmaline veining after 182'	135647	195.0	200.0	5.0	8	<0.2	763	3	20	0.4	43	10	7	5	3	12	72	1.89	341	65	45	137
		217.5-218.5 Tourmaline vein.	135648	215.0	220.0	5.0	42	<0.2	3519	2	18	0.5	11	13	9	<5	4	10	49	3.17	432	48	36	97
		233.0-280.0 Core darker in colour and more dioritic with increase mafics.	135649	235.0	240.0	5.0	<5	<0.2	43	<2	25	0.3	1	11	7	<5	3	9	51	2.23	398	43	48	100
		erpertine common on fractures, as well as tourmaline.	135650	255.0	260.0	5.0	<5	<0.2	25	2	38	0.6	2	18	11	<5	4	7	48	2.73	616	45	51	97
			135651	275.0	280.0	5.0	<5	<0.2	304	3	27	0.4	2	19	11	<5	3	6	51	1.82	512	42	41	169
		290.0-383.0 Core dark with moderate epidote and chloritic alteration.	135652	295.0	300.0	5.0	7	<0.2	606	2	27	0.3	2	14	8	<5	3	8	46	2.00	442	39	51	89
			135653	315.0	320.0	5.0	<5	<0.2	116	<2	21	0.4	2	15	9	<5	3	15	55	2.34	269	59	48	50
		340.0-383.0 Fault zone.	135654	335.0	340.0	5.0	<5	<0.2	310	<2	31	0.5	2	21	13	<5	3	9	42	3.08	447	41	64	54
		351.5-354.0 Basalt/andesite dyke.	135655	355.0	360.0	5.0	<5	<0.2	36	<2	19	0.4	1	6	8	<5	3	7	49	1.97	431	92	48	86
		383.0-432.0 Lighter coloured core. Brownish limonitic to green coloured rock.	135656	380.0	385.0	5.0	30	<0.2	746	<2	24	0.4	3	9	9	<5	4	11	49	2.15	398	77	54	57
			135657	400.0	405.0	5.0	<5	<0.2	298	2	23	0.6	2	<5	<5	<5	5	7	50	1.92	577	45	38	98
		432.0-470.0 Moderate to high argillic alteration with local silicification. Quartz and minor tourmaline healing fractures.	135658	420.0	425.0	5.0	<5	<0.2	527	3	25	<0.2	3	<5	<5	<5	5	20	55	2.23	563	69	49	107
			135659	435.0	440.0	5.0	8	0.2	1434	3	25	<0.2	13	56	<5	<5	4	6	50	2.19	435	53	13	167
			135660	445.0	450.0	5.0	<5	<0.2	305	2	15	<0.2	4	40	<5	<5	3	6	50	1.55	353	126	11	197
			135661	465.0	470.0	5.0	<5	<0.2	523	2	19	<0.2	2	36	<5	<5	4	22	44	1.95	388	59	21	118
		470.0-501.0 More competent core. Less veining and only weak argillic alteration.	135662	485.0	490.0	5.0	<5	<0.2	633	4	17	<0.2	3	<5	<5	5	4	9	51	1.70	410	74	25	107

Project 635

Hole DH-32 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135638	7	7	<10	<20	<20	0.46	0.55	1.22	0.07	0.19	2	<1	<0.01	<10	5	<1	3
135639	7	7	<10	<20	<20	0.76	0.81	1.40	0.04	0.19	2	2	<0.01	<10	5	<1	4
135640	5	5	<10	<20	<20	0.45	0.80	1.93	0.02	0.28	<2	<1	<0.01	<10	5	<1	4
135641	8	9	<10	<20	<20	1.51	1.83	2.97	0.06	0.25	7	21	0.01	11	10	2	4
135642	6	5	<10	<20	<20	0.47	0.73	1.57	0.05	0.16	2	3	<0.01	11	5	<1	4
135643	7	6	<10	<20	<20	0.42	0.71	1.22	0.06	0.12	<2	2	<0.01	<10	5	<1	4
135644	6	6	<10	<20	<20	0.66	1.10	2.03	0.07	0.17	4	5	<0.01	11	5	<1	4
135645	7	7	<10	<20	<20	0.66	0.73	1.37	0.09	0.16	4	6	<0.01	<10	5	<1	4
135646	8	8	<10	<20	<20	0.61	1.03	2.29	0.06	0.18	4	4	<0.01	<10	5	<1	4
135647	8	8	<10	<20	<20	0.61	0.68	1.44	0.11	0.16	3	4	0.03	<10	5	<1	4
135648	7	6	<10	<20	<20	0.76	0.88	1.93	0.07	0.14	4	5	<0.01	<10	5	<1	3
135649	6	7	<10	<20	<20	1.04	1.10	1.49	0.07	0.12	5	9	<0.01	<10	5	<1	3
135650	7	8	<10	<20	<20	1.52	1.62	2.26	0.08	0.14	8	14	<0.01	<10	5	<1	3
135651	7	7	<10	<20	<20	1.11	1.06	2.73	0.08	0.18	7	8	<0.01	10	5	<1	3
135652	6	7	<10	<20	<20	1.16	1.23	2.15	0.08	0.15	6	9	<0.01	<10	5	<1	2
135653	4	6	<10	<20	<20	1.27	1.51	1.01	0.09	0.12	6	11	0.01	<10	5	<1	3
135654	5	7	<10	<20	<20	1.79	2.02	1.58	0.07	0.10	7	17	<0.01	<10	5	<1	3
135655	7	8	<10	<20	<20	0.94	1.17	2.14	0.10	0.13	4	7	<0.01	<10	5	<1	3
135656	5	8	<10	<20	<20	1.02	1.35	1.51	0.09	0.14	5	10	<0.01	<10	5	<1	4
135657	7	8	<10	<20	<20	0.75	1.17	2.42	0.09	0.16	5	7	<0.01	<10	5	<1	3
135658	9	9	<10	<20	<20	0.70	1.19	3.05	0.09	0.17	5	6	<0.01	<10	5	<1	2
135659	5	6	<10	<20	<20	0.68	1.30	2.54	0.02	0.22	3	2	<0.01	<10	5	<1	2
135660	4	4	<10	<20	<20	0.81	1.34	2.84	0.01	0.17	2	4	<0.01	<10	5	<1	2
135661	5	6	<10	<20	<20	0.60	1.19	2.36	0.05	0.18	3	2	<0.01	<10	5	<1	2
135662	5	6	<10	<20	<20	0.44	1.19	2.24	0.07	0.19	4	2	<0.01	<10	5	<1	2

Project 635

Hole DH-32 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135663	9	12	<10	<20	<20	0.81	1.45	3.09	0.06	0.20	5	8	<0.01	<10	<5	<1	4

Project 635

Hole DH-31 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635TC-094	57	13	12	<10	<20	<20	0.51	1.10	2.31	0.09	0.09	<2	2	<0.01	<10	<5	<1	3
635TC-095	25	12	13	<10	<20	<20	1.56	1.76	2.14	0.06	0.07	5	12	<0.01	<10	<5	<1	4
635TC-096	37	14	17	<10	<20	<20	1.14	1.07	1.40	0.09	0.25	7	10	0.03	<10	<5	<1	8
635TC-097	88	8	7	<10	<20	<20	2.67	2.20	3.18	0.14	0.60	7	20	0.06	<10	12	<1	2
635TC-098	40	13	15	<10	<20	<20	0.89	0.93	1.22	0.05	0.21	6	5	<0.01	<10	<5	<1	7
635TC-099	44	9	9	<10	<20	<20	1.11	0.94	1.99	0.05	0.18	5	7	<0.01	<10	<5	<1	6
635TC-100	13	5	12	<10	<20	<20	1.16	0.91	0.90	0.10	0.08	4	9	<0.01	<10	<5	<1	4

Project 635

Hole DH-31 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635TC-101	31	7	14	<10	<20	<20	0.35	0.71	0.99	0.09	0.09	<2	2	<0.01	<10	<5	<1	5
635TC-102	29	11	16	<10	<20	<20	1.16	0.82	1.25	0.03	0.34	5	8	<0.01	<10	<5	<1	7
635TC-103	35	8	13	<10	<20	<20	1.22	1.00	1.86	0.04	0.14	3	10	<0.01	<10	<5	<1	4
635TC-104	26	8	12	<10	<20	<20	0.96	0.47	1.32	0.08	0.12	<2	5	<0.01	<10	<5	<1	5
635TC-105	23	6	10	<10	<20	<20	1.42	0.90	0.84	0.03	0.19	3	11	<0.01	<10	<5	<1	5

Project 635

Hole DH-48 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135615	52	6	2	<10	<20	<20	1.23	1.73	1.97	0.09	0.27	4	11	0.08	<10	<5	<1	2
135616	103	4	3	<10	<20	<20	1.41	2.16	4.37	0.07	0.24	4	14	0.10	<10	7	<1	1
135617	77	6	4	<10	<20	<20	1.87	2.26	2.97	0.12	0.39	6	15	0.11	<10	8	<1	2
135618	64	7	8	<10	<20	<20	0.99	1.76	2.73	0.05	0.15	4	10	<0.01	<10	<5	<1	8
135619	62	8	8	<10	<20	<20	1.97	2.47	3.86	0.04	0.08	7	27	0.02	<10	12	<1	3
135620	45	7	2	<10	<20	<20	1.45	1.85	1.71	0.08	0.15	6	16	0.05	<10	8	<1	<1
135621	94	10	4	<10	<20	<20	1.72	1.77	2.78	0.12	0.18	10	25	0.06	16	11	2	1

Project 635

Hole DH-48 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135622	95	14	5	<10	<20	<20	1.48	1.66	2.75	0.12	0.14	9	20	0.03	16	12	1	1
135623	82	15	7	<10	<20	<20	1.83	1.90	3.04	0.07	0.07	9	23	0.01	13	14	2	2
135624	123	11	9	<10	<20	<20	1.61	2.02	3.26	0.07	0.13	10	22	0.02	17	13	2	5
135625	73	9	4	11	<20	<20	1.46	1.92	3.05	0.06	0.07	8	19	0.02	20	12	2	1
135626	57	8	3	<10	<20	<20	2.09	1.99	1.98	0.07	0.08	10	22	0.05	14	12	1	<1
135627	65	9	6	<10	<20	<20	1.91	1.83	2.03	0.10	0.13	12	18	0.05	15	13	1	<1
135628	157	9	5	<10	<20	<20	2.64	2.41	5.26	0.04	0.30	14	32	0.06	14	19	2	<1
135629	103	8	4	<10	<20	<20	1.82	1.93	2.78	0.07	0.20	8	22	0.02	12	9	1	<1
135630	62	9	15	<10	<20	<20	0.90	1.41	1.82	0.08	0.10	9	6	<0.01	13	7	<1	5
135631	103	9	9	<10	<20	<20	1.74	1.84	2.92	0.08	0.16	10	15	0.03	13	10	1	5

DISCOVERY CONSULTANTS
Drill Log

Co-ords:	Drill type & size: AQ	Hole No: DH-48
Azimuth:		Property: Gnat Pass
Dip:	Dip tests:	Location: Gnat Pass
Elevation:		Date St.:
		Date Fin.:
Length: 500'	file: 635\geodata\dh_048.wk4	
Section:		Logged by: A. Parteleayer
Purpose:		Date Logged: 96.09
	Reference: v96-01517.0, 1550.0	

Interval From	To	Description	Sample ID	Sample Interval from	to	Length m	Au30 ppb	Ag ppm	Cu ppm	Cu %	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm
		fine grained pyrite "disseminated" andesite on fractures. High crushed pebble zone 420-430'. ~430 Tourmaline Chalcopyrite veinlets along bedding contact.	135632	415.0	420.0	5.0	<5	<0.2	165		<2	58	0.7	1	21	15	<5	8	18	12	4.28	1115	24	98
430.0	453.0	PYROXENE BASALT Fine grained to coarse ~445' with clots chalcopyrite. Increase in hematite.	135633	435.0	440.0	5.0	<5	<0.2	106		<2	41	0.8	2	28	19	<5	8	18	16	4.03	815	64	95
453.0	471.0	ANDESITE again with fine grained pyrite. Note: chalcopyrite as rare clots in pyroxene basalt. Fine grained pyrite throughout Andesite. 456.0-459.0 Very fine grained to aphanitic Andesite. 467.0-471.0 Bleached, clay altered zone	135634	455.0	460.0	5.0	71	<0.2	276		5	35	0.9	9	45	15	11	18	22	53	6.88	688	25	115
471.0	478.0	PYROXENE BASALT (fine grain)	135635	475.0	480.0	5.0	<5	<0.2	138		<2	41	0.9	6	14	16	5	12	19	37	5.19	814	28	161
478.0	500.0	Typical grey ANDESITE Fine grained homogeneous. >495' highly fractured. 496-497' tourmaline and Chalcopyrite patches. Bleached chips below 497' to 500'	135636	495.0	500.0	5.0	93	1.3	>10000	1.6	4	18	1.5	13	36	26	<5	26	19	94	8.69	1262	28	137
500.0		E.O.H.																						

note:

1. Hole shows interplay of Andesite - Pyroxene basalt (mainly andesite here). Bedding contacts serve as locators of tourmaline -chalcopyrite in thin zones.
2. Pyroxene basalt has clots and small blebs of Chalcopyrite as disseminated grain's Andesite has mainly very fine grained pyrite on fractures. Andesite is more brittle rock very little dyking. No major faults.

Project 635

Hole DH-48 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135632	111	8	4	<10	<20	<20	2.06	1.87	3.12	0.08	0.13	11	19	0.02	11	10	1	<1
135633	97	8	4	<10	<20	<20	1.82	1.87	2.10	0.11	0.37	9	13	0.06	16	9	1	1
135634	65	8	2	<10	<20	<20	1.66	1.62	1.94	0.06	0.25	6	14	<0.01	15	15	2	2
135635	104	11	4	<10	<20	<20	1.94	1.94	2.51	0.12	0.23	7	15	0.10	13	14	1	1
135636	97	8	15	17	<20	<20	2.36	2.17	3.66	0.02	0.11	12	23	<0.01	26	17	3	2

Project 635

Hole DH-46 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135591	68	8	6	<10	<20	<20	0.69	1.48	1.59	0.04	0.18	3	8	0.01	<10	7	<1	11
135592	58	8	6	<10	<20	<20	0.32	1.23	1.77	0.03	0.13	2	2	<0.01	<10	<5	<1	8
135593	109	8	10	<10	<20	<20	1.55	2.40	2.68	0.07	0.26	6	23	0.03	<10	10	<1	4
135594	89	6	4	<10	<20	<20	1.39	2.13	2.31	0.07	0.13	7	16	0.03	<10	10	<1	2
135595	67	5	1	<10	<20	<20	0.60	2.24	3.05	0.04	0.07	2	4	<0.01	<10	8	<1	1
135596	261	6	5	<10	<20	<20	1.15	2.62	5.96	0.03	0.16	6	8	0.02	<10	17	<1	1
135597	156	6	5	<10	<20	<20	1.81	2.40	4.26	0.05	0.14	8	20	0.05	<10	13	<1	1
135598	168	6	5	<10	<20	<20	2.02	2.54	4.41	0.08	0.30	9	22	0.09	<10	13	<1	2

DISCOVERY CONSULTANTS

Drill Log

Co-ords:	Drill type & size: AQ	Hole No: DH-46
Azimuth:		Property: Gnat Pass
Dip:	Dip tests:	Location: Gnat Pass
Elevation:		Date St.:
		Date Fin:
Length: 500'	file: 635\geodata\dh_046.wk4	
Section:		Logged by: A. Panteleyer
Purpose:		Date Logged: 96.09
	Reference: v96-01517.0	

Interval From	To	Description	Sample ID	Sample Interval from	to	Length m	Au30 ppb	Ag ppm	Cu ppm	Cu %	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm
		bleached wiped out felsitic rocks.																						
		170.0-180.0 Strong tourmaline breccia, moderate chalcopyrite	135599	175.0	180.0	5.0	64	<0.2	3159		<2	39	0.3	7	187	<5	8	39	21	181	5.35	1009	29	130
		181.0-183.0 Fault, crushed and ground																						
183.0	192.0	Pink pervasive mafic spotted dyke. Diorite with fine grained mafic spots.																						
		183.0-185.0 veins carbonate etc., brecciated.																						
192.0	369.0	PYROXENE BASALT																						
		Some chalcopyrite in a fine grain disseminated magnetite and weakly hematitic fractured zone to 210'. Below 210' barren pyroxene breccia.	135600	195.0	200.0	5.0	21	0.3	2367		<2	30	0.3	48	<5	<5	8	29	16	122	4.41	547	61	88
		Scattered clots chalcopyrite throughout.	135601	220.0	225.0	5.0	<5	<0.2	557		<2	36	<0.2	68	<5	<5	<5	35	20	150	4.27	802	26	123
		Pyrite>chalcopyrite after 340'.	135602	240.0	245.0	5.0	14	<0.2	1407		<2	40	<0.2	3	<5	<5	5	33	18	162	4.75	801	37	134
			135603	260.0	265.0	5.0	258	0.4	3588		<2	17	<0.2	148	<5	<5	7	12	9	58	3.57	526	31	54
			135604	280.0	285.0	5.0	<5	<0.2	787		<2	43	<0.2	5	<5	<5	6	30	21	134	4.87	1017	47	157
			135605	300.0	305.0	5.0	<5	<0.2	227		<2	34	<0.2	7	<5	<5	<5	25	18	110	4.27	567	87	130
			135606	320.0	325.0	5.0	23	<0.2	1811		<2	58	<0.2	2	<5	<5	8	42	20	205	6.00	1327	30	133
			135607	340.0	345.0	5.0	<5	<0.2	123		<2	31	<0.2	2	<5	<5	<5	34	17	163	4.09	749	36	112
			135608	360.0	365.0	5.0	<5	<0.2	457		<2	40	<0.2	5	<5	<5	6	22	15	92	4.49	791	25	92
369.0	380.0	Clay altered fine grained FELDSPAR PORPHYRY																						
		Very fine grained, now totally clay altered dyke.																						
380.0	398.0	PYROXENE BASALT																						
		Trace pyrite, hematite in fractures.	135609	381.0	386.0	5.0	6	<0.2	980		<2	70	<0.2	1	<5	<5	<5	53	31	203	4.72	1360	55	130
		396.0-398.0 Bleached alteration zone.																						
398.0	467.0	LEUCOCRATIC type FELDSPAR PORPHYRY																						
		White small feldspars packed together. No chilled margin. Trace chalcopyrite, trace pyrite on fractures. A number of small internal breccia zones. Clay altered and chalky locally.	135610	400.0	405.0	5.0	17	0.2	3016		2	22	<0.2	3	<5	<5	<5	10	11	42	2.74	913	20	42
			135611	420.0	425.0	5.0	20	<0.2	681		5	18	<0.2	26	22	<5	<5	7	12	44	2.04	604	28	19
			135612	440.0	445.0	5.0	<5	<0.2	92		5	11	<0.2	4	18	<5	<5	3	3	50	1.06	222	22	9
		462.0-467.0 15 to 20" to C.A. Post ore andesite dyke.	135613	460.0	465.0	5.0	132	<0.2	836		11	56	0.2	15	81	<5	<5	7	15	17	2.55	1406	18	34
467.0	500.0	LEUCOCRATIC grey FELDSPAR PORPHYRY																						
		same as above	135614	480.0	485.0	5.0	<5	0.2	1055		6	11	<0.2	13	8	<5	<5	4	8	48	1.14	357	29	9

Project 635

Hole DH-46 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135599	188	7	11	<10	<20	<20	0.89	2.26	4.79	0.02	0.15	5	9	<0.01	<10	21	<1	3
135600	120	5	4	<10	<20	<20	1.26	2.23	2.92	0.05	0.33	5	13	0.08	<10	8	<1	3
135601	112	6	4	<10	<20	<20	2.00	2.77	3.71	0.05	0.19	8	25	0.10	<10	10	<1	2
135602	121	5	4	<10	<20	<20	1.87	2.49	4.65	0.08	0.26	7	21	0.12	<10	10	<1	2
135603	77	6	3	<10	<20	<20	1.17	1.74	3.11	0.02	0.11	4	13	0.01	<10	7	<1	2
135604	125	5	4	<10	<20	<20	2.31	2.68	6.04	0.05	0.24	8	24	0.11	<10	14	<1	1
135605	116	4	2	<10	<20	<20	2.16	2.33	2.80	0.19	0.55	7	13	0.16	<10	8	<1	2
135606	167	5	5	<10	<20	<20	1.79	2.51	5.26	0.07	0.21	7	22	0.08	<10	12	<1	3
135607	103	3	1	<10	<20	<20	1.35	1.95	3.21	0.11	0.24	5	11	0.10	<10	8	<1	2
135608	86	6	3	<10	<20	<20	1.65	2.10	3.25	0.10	0.34	5	11	0.09	<10	8	<1	1
135609	185	5	4	<10	<20	<20	1.96	2.50	6.05	0.08	0.34	8	20	0.08	<10	16	<1	2
135610	78	5	4	<10	<20	<20	0.49	1.65	3.09	0.06	0.12	<2	3	<0.01	<10	6	<1	2
135611	44	5	3	<10	<20	<20	0.33	1.03	1.88	0.04	0.13	<2	1	<0.01	<10	<5	<1	3
135612	30	2	2	<10	<20	<20	0.27	0.40	0.76	0.08	0.11	<2	<1	<0.01	<10	<5	<1	2
135613	111	6	4	<10	<20	<20	0.73	2.20	4.62	0.02	0.17	4	4	<0.01	<10	6	<1	2
135614	37	2	2	<10	<20	<20	0.26	0.65	0.94	0.05	0.12	<2	<1	<0.01	<10	<5	<1	2

Project 635

Hole DH-46 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
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DISCOVERY CONSULTANTS
Drill Log

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

Co-ords:	Drill type & size: AQ	Hole No: DH-44
Azimuth:		Property: Gnat Pass
Dip:	Dip tests:	Location: Gnat Pass
Elevation:		Date St.:
		Date Fin:
Length: 500'	file: 635geodata\dh_044.wk4	Logged by: A. Panteleyer
Section:		Date Logged: 96.09
Purpose:	Reference: v96-01517.0	

25, 202

Interval From	To	Description	Sample ID	Sample Interval from	Length to	Au30	Ag	Cu	Pb	Zn	Cd	Mo	As	Sb	Bi	Ni	Co	Cr	Fe	Mn	Ba	V	Sr	
					m	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
0.0	12.0	Overburden Strong oxidation to 24" (in felsite)																						
12.0	46.0	FELDSPAR PORPHYRY main type or sparse pheno variant (fine grained ->Feldspar Porphyry felsite). Clay altered 1-2' margin. Faults chalcopyrite in fractures ~45 ± 1'.	135522	38.0	43.0	5.0	<5	<0.2	174	<2	46	<0.2	2	<5	<5	6	4	11	23	3.38	1075	26	56	96
46.0	51.0	ANDESITE Highly fractured. CO3 veined.																						
51.0	74.0	Main phase FELDSPAR PORPHYRY LEUCOCRATIC Very siliceous, clay altered. Fault with clay and gouge 65-69' Note: Tourmaline breccia zone 74-182'	135523	55.0	60.0	5.0	11	<0.2	2428	<2	22	<0.2	6	<5	<5	<5	3	7	24	2.32	372	22	34	49
74.0	110.0	ANDESITE - slightly mafic. Porphyritic originally now strong clay alteration. Gouge 74-90 siliceous and tourmaline altered 90- 110'. At 110' arbitrary break - very highly crushed.	135524 135525	75.0 95.0	80.0 100.0	5.0 5.0	53 10	0.3 0.8	3982 3972	<2 4	31 56	<0.2 <0.2	7 6	<5 <5	<5 <5	4 6	10 6	11 25	4.59 4.21	766 608	40 18	101 56	112 55	
110.0	182.0	FELDSPAR PORPHYRY. TOURMALINE BRECCIA Clay to silicified 110.0-130.0 Tourmaline brecciated (with chalcopyrite). Feldspar Porphyry. Clay altered. Excellent zone. Best seen to date! 130.0-153.0 Siliceous Tourmaline breccia. Weak Tourmaline breccia past 150' patch again 160-170' 175.0-182.0 Chilled marign, strongly fractured and brecciated	135526 135527 135528 135529	110.0 125.0 155.0 170.0	115.0 130.0 160.0 175.0	5.0 5.0 5.0 5.0	<5 32 7 48	<0.2 <0.2 <0.2 0.2	638 1597 255 5808	<2 4 5 3	46 32 55 33	<0.2 <0.2 <0.2 <0.2	2 9 9 11	<5 7 28 <5	<5 <5 <5 <5	3 4 8 7	9 4 8 8	28 2.00 2.31 2.71	171 246 412 346	25 36 32 28	26 21 51 56	19 31 55 42		
182.0	254.0	ANDESITE very fine grained, medium grey, homogeneous.	135530	185.0	190.0	5.0	5	<0.2	296	<2	64	<0.2	10	<5	<5	<5	11	32	11	6.08	929	32	167	115

Project 635

Hole DH-44 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135522	10	11	<10	<20	<20	0.61	1.25	1.64	0.05	0.17	6	5	<0.01	<10	<5	<1	4
135523	7	15	<10	<20	<20	0.48	0.86	0.95	0.05	0.15	3	3	<0.01	<10	<5	<1	6
135524	10	13	<10	<20	<20	0.92	1.46	1.79	0.04	0.25	5	7	0.02	<10	8	<1	6
135525	8	8	<10	<20	<20	0.58	0.95	1.38	0.05	0.08	3	5	<0.01	<10	5	<1	2
135526	4	9	<10	<20	<20	0.33	0.33	0.55	0.07	0.11	<2	2	<0.01	<10	<5	<1	4
135527	5	7	<10	<20	<20	0.29	0.57	0.98	0.04	0.13	<2	2	<0.01	<10	<5	<1	4
135528	11	13	<10	<20	<20	0.70	1.05	0.97	0.03	0.16	5	7	<0.01	<10	<5	<1	11
135529	9	9	<10	<20	<20	0.59	0.97	0.89	0.03	0.13	4	5	<0.01	<10	<5	<1	10
135530	9	5	<10	<20	<20	1.84	1.86	2.23	0.05	0.27	6	18	0.03	<10	16	1	3

DISCOVERY CONSULTANTS

Drill Log

Co-ords:	Drill type & sb: AQ	Hole No: DH-44
Azimuth:		Property: Gnat Pass
Dip:	Dip tests:	Location: Gnat Pass
Elevation:		Date St.:
		Date Fin:
Length: 500'	file: 635\geodata\dh_044.wk4	Logged by: A. Parteleyer
Section:		Date Logged: 96.09
Purpose:	Reference: v96-01517.0	

Interval From	To	Description	Sample ID	Sample Interval from to	Length m	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm
		199.0-204.0 Clay altered gouge? Pyrite on fractures. Rare CO3 hairlines. At depth below 230' becomes aphanitic/fine grained. Highly bleached and altered from 222-254', 241-244', 248-252'.	135531	210.0 215.0	5.0	<5	<0.2	94	<2	26	<0.2	3	<5	<5	5	7	12	17	4.61	586	42	155	60
			135532	235.0 240.0	5.0	9	<0.2	310	<2	42	<0.2	2	<5	<5	6	8	16	7	4.96	875	31	136	136
254.0	317.0	DIORITE/FELDSPAR PORPHYRY chilled felsitic margin. ~290 dioritic texture present, trace mafic spots etc. Diorite/quartz diorite Feldspar Porphyry variant.	135533	255.0 260.0	5.0	39	<0.2	5216	<2	39	<0.2	29	6	<5	8	4	8	16	4.53	878	33	56	65
		258.0-273.0 Crushed clay gouge and pebbles/breccia fault zone	135534	275.0 280.0	5.0	<5	<0.2	103	3	22	<0.2	1	<5	<5	<5	3	9	38	1.46	285	33	31	84
		286.0-314.0 More solid	135535	295.0 300.0	5.0	<5	<0.2	119	2	25	<0.2	3	<5	<5	<5	4	8	34	2.04	520	30	34	80
		314.0-317.0 Clay altered																					
317.0	341.0	ANDESITE medium grey, fine granular, homogeneous. Rare fractured and smeared and/or fine grained chalcopyrite.	135536	317.0 322.0	5.0	19	<0.2	1804	3	57	<0.2	3	<5	<5	5	7	15	14	4.67	837	77	133	173
		340.0- Chalcopyrite on contact. Contact fractured. Clay altered.	135537	335.0 340.0	5.0	37	<0.2	7117	9	74	<0.2	62	<5	<5	<5	6	9	15	4.44	934	53	131	121
341.0	357.0	FELDSPAR PORPHYRY (dioritic type?) probably just ordinary type Feldspar Porphyry . Pink altered and some tourmaline breccia.	135538	350.0 355.0	5.0	40	<0.2	3869	4	44	<0.2	20	<5	<5	5	4	5	19	2.77	572	52	66	83
357.0	360.0	Massive ANDESITE screen																					
360.0	457.0	Type FELDSPAR PORPHYRY - diorite/quartz leucocratic seriate feldspar Porphyry - a few (very rare) larger phenos. No mafics but good disseminated chalcopyrite and on fractures to 370'. Then same as above leuco seriate feldspar porphyry trending here and there to fine grained mafic bearing dioritic porphyry/quartz diorite porphyry.	135539	365.0 370.0	5.0	31	<0.2	2685	3	26	<0.2	9	<5	<5	<5	3	10	32	1.57	462	21	23	41
			135540	385.0 390.0	5.0	<5	<0.2	49	3	14	<0.2	3	<5	<5	<5	3	2	58	0.69	177	40	10	32
			135541	405.0 410.0	5.0	<5	<0.2	52	3	15	<0.2	1	8	<5	<5	3	5	42	0.74	198	33	10	29
			135542	425.0 430.0	5.0	<5	<0.2	114	4	14	<0.2	<1	<5	<5	<5	3	3	57	0.64	266	40	10	32
			135543	445.0 450.0	5.0	<5	<0.2	30	2	18	<0.2	<1	<5	<5	<5	3	1	58	0.59	308	39	10	32

Project 635

Hole DH-44 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135531	10	3	<10	<20	<20	1.49	1.66	1.58	0.12	0.39	6	9	0.16	<10	9	<1	1
135532	9	4	<10	<20	<20	1.31	1.74	3.02	0.05	0.18	6	14	0.02	<10	13	<1	<1
135533	11	7	<10	<20	<20	1.09	1.48	3.50	0.05	0.05	6	10	<0.01	<10	<5	<1	4
135534	6	7	<10	<20	<20	0.44	0.49	1.17	0.06	0.11	2	3	<0.01	<10	<5	<1	3
135535	7	7	<10	<20	<20	0.79	0.85	2.15	0.05	0.11	5	7	<0.01	<10	<5	<1	3
135536	10	4	<10	<20	<20	1.30	1.75	2.35	0.05	0.18	6	14	0.04	<10	14	<1	2
135537	11	5	<10	<20	<20	1.51	1.59	3.04	0.05	0.19	5	18	0.02	<10	13	<1	1
135538	12	14	<10	<20	<20	0.81	1.08	1.93	0.05	0.11	4	7	<0.01	<10	6	<1	4
135539	7	8	<10	<20	<20	0.54	0.52	1.59	0.06	0.07	3	4	<0.01	<10	<5	<1	3
135540	2	3	<10	<20	<20	0.27	0.17	0.55	0.06	0.10	2	1	<0.01	<10	<5	<1	3
135541	2	2	<10	<20	<20	0.27	0.55	1.04	0.05	0.09	<2	1	<0.01	<10	<5	<1	3
135542	3	3	<10	<20	<20	0.21	0.39	0.92	0.07	0.10	<2	<1	<0.01	<10	<5	<1	3
135543	2	3	<10	<20	<20	0.22	0.44	1.15	0.07	0.08	2	<1	<0.01	<10	<5	<1	3

Project 635

Hole DH-44 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135544	10	12	<10	<20	<20	1.97	1.74	3.04	0.04	0.16	7	18	<0.01	<10	9	<1	3
135545	7	11	<10	<20	<20	0.57	0.91	1.18	0.05	0.12	3	5	<0.01	<10	<5	<1	5

DISCOVERY CONSULTANTS

Drill Log

Co-ords: Drill type & size: AQ Hole No: DH-41
 Azimuth: Property: Gnat Pass
 Dip: Dip tests: Location: Gnat Pass
 Elevation: Date St.:
 Date Fin:
 Length: 503' file: 635\geodata\dh_041.wk4
 Section: Logged by: A. Panteleyer
 Purpose: Date Logged: 96.09

Reference: v98-01517.0

25,202

Interval From	To	Description	Sample ID	Sample Interval from to	Length m	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm	
0.0	43.0	Overburden Casing No oxidation.																						
43.0	91.0	Sedimentary rocks. Arkosic sandstone. Some siltstone. Possible bedding @60° to C.A. 70.0- 80.0 Much CO3 veining etc 80.0- crushed. 85.0- 91.0 Fault zone. Steep subparallel or 20° - 25° to C.A.																						
91.0	170.0	Fine grained DIORITE/QUARTZ DIORITE Hotailuh type. Slightly oneule and fine grained amphiboles etc in fine grained sugary textured dyke rock. Contact zone is chilled and very fine grained below 160'. Fracture fault zones @ 130-132' 140-145' broken to 170' ~170' Arbitrary contact and quite similar "andesite"	135571 135572 135573	110.0 115.0 130.0 135.0 150.0 155.0	5.0 5.0 5.0	27 21 30	<0.2 <0.2 <0.2	1693 3389 1899	<2 2 <2	30 37 36	<0.2 <0.2 <0.2	3 2 2	13 <5 <5	<5 <5 <5	6 <5 <5	8 51 77	13 22 22	20 48 76	5.50 3.64 3.11	544 579 553	63 107 202	34 63 68	85 148 153	
170.0	190.0	Fine grained ANDESITE with fine grained patches of relict mafics, feldspathic volcanic or fine grained dyke phase. Fracture fault zones @ >174' 172.0-174.0 clay altered	135574	170.0 175.0	5.0	<5	<0.2	921	<2	41	<0.2	2	<5	<5	<5	4	11	14	4.66	855	74	112	139	
190.0	197.0	FELDSPAR PORPHYRY DYKE Very highly clay altered zone or fine grained.	135575	190.0 195.0	5.0	<5	<0.2	380	<2	56	<0.2	4	<5	<5	10	7	11	19	5.81	773	24	121	80	
197.0	307.0	ANDESITE as above Very highly fractured -difficult drilling here to ~ 250'. Rock is grey, homogeneous. Some pyrite, little else. Rare CO3 veins. Trace chalcopyrite. Trace hematite. Rock is fine grained - m granular. Slightly variable. Therefore flows and chilled margins or series of	135576 135577 135578 135579 135580	215.0 220.0 230.0 235.0 250.0 255.0 270.0 275.0 289.0 294.0	5.0 5.0 5.0 5.0 5.0	<5 <5 <5 <5 <5	<0.2 <0.2 <0.2 <0.2 <0.2	66 85 36 379 2895	<2 <2 <2 <2 4	34 59 68 59 75	<0.2 <0.2 <0.2 <0.2 0.3	2 3 3 2 2	<5 <5 <5 <5 <5	<5 <5 <5 <5 <5	7 5 7 7 11	6 4 4 3 4	14 14 19 17 14	27 27 19 15 11	5.35 5.03 5.53 5.21 5.80	801 1048 1159 1088 1183	75 57 58 56 48	178 163 156 153 147	214 189 249 309 306	

Project 635

Hole DH-41 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135571	8	8	<10	<20	<20	0.59	0.74	1.39	0.03	0.30	<2	3	<0.01	<10	<5	<1	3
135572	11	8	<10	<20	<20	1.09	1.53	2.71	0.05	0.17	5	11	<0.01	<10	5	<1	4
135573	7	6	<10	<20	<20	1.34	1.83	2.34	0.06	0.14	5	16	<0.01	<10	7	<1	3
135574	9	9	<10	<20	<20	1.41	1.31	2.49	0.05	0.20	6	12	0.02	<10	7	<1	5
135575	12	12	<10	<20	<20	0.88	1.41	1.70	0.04	0.11	3	6	<0.01	<10	7	<1	3
135576	12	13	<10	<20	<20	1.75	1.59	4.04	0.11	0.16	7	15	0.05	<10	10	<1	3
135577	11	12	<10	<20	<20	1.49	1.66	3.12	0.07	0.14	6	12	0.02	<10	9	<1	3
135578	10	11	<10	<20	<20	2.18	1.71	3.83	0.07	0.20	10	19	0.04	<10	8	<1	3
135579	12	12	<10	<20	<20	2.20	1.55	4.69	0.05	0.32	9	14	0.02	<10	10	<1	2
135580	12	13	<10	<20	<20	2.17	1.59	3.46	0.04	0.17	9	17	<0.01	<10	8	<1	2

Project 635

Hole DH-41 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135581	9	12	<10	<20	<20	0.69	0.84	1.55	0.06	0.11	5	6	<0.01	<10	<5	<1	2
135582	13	10	<10	<20	<20	0.56	1.36	3.23	0.06	0.07	4	5	<0.01	<10	<5	<1	2
135583	12	10	<10	<20	<20	0.37	1.12	2.51	0.05	0.16	3	1	<0.01	<10	<5	<1	3
135584	11	11	<10	<20	<20	0.65	1.25	1.96	0.05	0.19	3	4	<0.01	<10	<5	<1	3
135585	8	5	<10	<20	<20	2.36	1.98	2.85	0.05	0.23	7	26	0.03	<10	14	<1	<1
135586	8	20	<10	<20	<20	0.91	1.05	1.43	0.06	0.15	4	9	<0.01	<10	<5	<1	4
135587	7	12	<10	<20	<20	0.72	0.57	0.89	0.07	0.09	4	6	<0.01	<10	<5	<1	3
135588	9	10	<10	<20	<20	0.70	1.08	2.13	0.06	0.09	4	6	<0.01	<10	<5	<1	4
135589	7	9	<10	<20	<20	0.42	1.20	1.82	0.05	0.18	3	2	<0.01	<10	<5	<1	3
135590	8	4	<10	<20	<20	0.65	1.47	2.40	0.02	0.12	5	6	<0.01	<10	<5	<1	4

DISCOVERY CONSULTANTS
Drill Log

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

Co-ords: Drill type & size: AQ
 Azimuth: Dip tests:
 Dip: Location: Gnat Pass
 Elevation: Date St.:
 Date Plac:
 Length: 451' file: 635\geodata\vdh_038.wk4
 Section: Logged by: T.Carpenter
 Purpose: Date Logged: 96.09
 Reference: v96-01550.0

Note No: DH-38
 Property: Gnat Pass
 Location: Gnat Pass
 Date St.:
 Date Plac:
 Logged by: T.Carpenter
 Date Logged: 96.09

25,202

Interval From	To	Description	Sample ID	Sample Interval from	to	Length m	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm	
0.0	20.0	Overburden Casing																							
20.0	39.0	ALTERED FELSITE? Bleached highly silicious, fine grained rock. Green to pinkish in colour. Brecciation evident from 34'. Probable felsite. Occasional chloritic blebs. Limonite in fractures.	135664	25.0	30.0	5.0	<5	<0.2	913	<2	18	<0.2	9	<5	<5	<5	1	3	38	2.17	411	28	19	79	
39.0	47.0	BRECCIA As above with fragments to 1/4". Epidotized locally. Highly siliceous. Some tourmaline healing breccia. Limonite on fractures.	135665	40.0	45.0	5.0	40	<0.2	2620	<2	34	<0.2	38	<5	<5	8	5	5	15	4.94	693	22	47	77	
47.0	68.0	ALTERED ANDESITE Highly oxidized fractures. Medium green in colour. Fine grained. Locally epidotized.	135666	60.0	65.0	5.0	25	<0.2	1113	<2	38	<0.2	11	<5	<5	7	7	13	14	4.05	649	26	96	185	
68.0	89.0	ANDESITE Medium to dark green in colour. Fine to medium grained. Weak to moderate epidotization. Weak limonitic on fractures.	135667	80.0	85.0	5.0	10	<0.2	447	<2	50	<0.2	8	<5	<5	8	6	24	20	4.15	712	81	103	131	
89.0	94.0	BRECCIA ZONE Highly silicious. Cemented by tourmaline. Matrix felsite and feldspar porphyry.	135668	90.0	94.0	4.0	13	0.5	4943	3	19	<0.2	109	35	<5	7	6	7	33	3.16	710	71	17	127	
94.0	152.0	FELSITE Generally light brown fragments rock of quartzofeldspathic content. Occasional coarser grained Feldspar Porphyry intervals. Limonitic fractures. Occasional minor quartz veining.	135669 135670 135671	105.0 125.0 145.0	110.0 130.0 150.0	5.0 5.0 5.0	<5 <5 <5	<0.2 <0.2 <0.2	33 125 37	<2 3 8	21 26 27	<0.2 <0.2 <0.2	5 3 9	<5 <5 6	<5 <5 <5	<5 7 <5	4 4 4	7 7 8	41 39 51	2.05 2.09 1.97	504 464 525	46 114 79	26 19 16	110 122 157	
152.0	251.0	PORPHYRY Generally greyish green in colour. Feldspar (± quartz) phenos to 3 mm. 5-7% chloritized mafics. Minor limonite. Dioritic in appearance. Weak to moderate epidote alteration. Increased, chloritic and epidotic alteration with depth (below 231')	135672 135673	165.0 185.0	170.0 190.0	5.0 5.0	<5 <5	<0.2 <0.2	551 44	3 6	24 26	<0.2 4.0	6 6	<5 <5	<5 <5	<5 10	4 7	8 7	34 56	2.38 2.17	626 535	42 61	42 48	106 109	

Project 635

Hole DH-38 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135664	7	12	<10	<20	<20	0.38	0.80	1.70	0.07	0.18	3	1	<0.01	<10	<5	<1	3
135665	11	7	<10	<20	<20	1.32	1.55	3.00	0.04	0.07	5	10	<0.01	<10	<5	<1	6
135666	10	6	<10	<20	<20	1.22	2.02	4.07	0.04	0.15	6	7	<0.01	<10	10	<1	3
135667	8	6	<10	<20	<20	1.22	2.07	3.33	0.06	0.16	7	9	<0.01	<10	10	<1	2
135668	6	3	<10	<20	<20	0.54	1.39	3.18	0.01	0.31	4	<1	<0.01	<10	5	<1	4
135669	6	7	<10	<20	<20	0.52	1.09	2.30	0.06	0.20	4	2	<0.01	<10	<5	<1	3
135670	7	8	<10	<20	<20	0.56	1.21	2.52	0.05	0.23	3	1	<0.01	<10	<5	<1	2
135671	6	7	<10	<20	<20	0.62	1.28	2.78	0.05	0.23	4	1	<0.01	<10	<5	<1	2
135672	7	6	<10	<20	<20	0.62	1.36	3.07	0.06	0.16	4	4	<0.01	<10	<5	<1	3
135673	8	8	<10	<20	<20	0.93	1.17	2.45	0.08	0.13	5	9	<0.01	<10	<5	<1	3

Project 635

Hole DH-38 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135674	7	7	<10	<20	<20	0.84	1.22	2.47	0.08	0.12	6	8	<0.01	<10	<5	<1	3
135675	6	7	<10	<20	<20	0.53	1.10	2.30	0.07	0.21	4	2	<0.01	<10	<5	<1	2
135676	7	8	<10	<20	<20	1.05	1.38	3.16	0.09	0.12	7	11	<0.01	<10	<5	<1	3
135677	9	12	<10	<20	<20	1.14	1.73	3.04	0.10	0.17	7	11	0.03	<10	8	<1	3
135678	9	11	<10	<20	<20	0.89	1.31	2.30	0.09	0.12	6	6	<0.01	<10	<5	<1	3
135679	8	9	<10	<20	<20	0.72	1.65	3.17	0.10	0.15	6	5	<0.01	<10	<5	<1	3
135680	10	4	<10	<20	<20	0.64	2.17	4.60	0.02	0.37	4	<1	<0.01	<10	12	<1	3
135681	10	8	<10	<20	<20	0.95	1.64	3.49	0.06	0.26	6	8	<0.01	<10	9	<1	3
135682	7	9	<10	<20	<20	0.95	1.48	1.31	0.06	0.23	6	6	<0.01	<10	6	<1	2
135683	8	10	<10	<20	<20	0.95	1.55	2.80	0.04	0.14	3	5	<0.01	<10	<5	<1	2
135684	7	8	<10	<20	<20	0.56	0.60	1.31	0.05	0.25	2	2	<0.01	<10	<5	<1	2
135685	7	8	<10	<20	<20	0.57	0.91	1.84	0.06	0.24	2	2	<0.01	<10	<5	<1	3
135686	5	8	<10	<20	<20	0.42	0.43	1.28	0.07	0.23	<2	<1	<0.01	<10	<5	<1	3

DISCOVERY CONSULTANTS
Drill Log

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

Co-ords: Drill type & size: AQ Hole No: DH-57
 Azimuth: Property: Gnat Pass
 Dip: Dip tests: Location: Gnat Pass
 Elevation: Date St.:
 Date Fin:
 Length: 568.5' file: 635\geodata\dh_057.wk4
 Section: Logged by: T. Carpenter
 Purpose: Date Logged: 96.09
 Reference: v96-01555.0, 1557.0

25, 202

Interval From	To	Description	Sample ID	Sample Interval from	to	Length m	Au30 ppb	Ag ppm	Cu ppm	Cu %	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm	
0.0	8.0	Casing																							
8.0	157.0	ANDESITE Medium to dark green. Medium grained. Fragmental locally with fragments to 2-3 mm. Contains 1-3% pyrite as fracture filling. Locally magnetic. 110'- Becomes altered with K alteration and epidotization evident. Chalcopyrite (2-4%) from 110-115' as blebs. Epidotization is quite strong in places. From 115' chalcopyrite occurs as occasional blebs.	135735 135736 135737 135738 135739 135740 135741 135742	15.0 35.0 55.0 75.0 95.0 110.0 130.0 150.0	20.0 40.0 60.0 80.0 100.0 115.0 135.0 155.0	5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	34 <5 <5 <5 7 39 57 6	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2	249 61 88 78 392 2625 4212 925		2 2 5 5 3 9 12 5	51 51 60 67 39 44 55 51	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2	5 3 3 5 12 138 10 4	<5 <5 <5 <5 <5 <5 <5 <5	<5 <5 <5 <5 <5 <5 <5 <5	7 6 33 7 27 6 5 36	9 32 22 19 38 16 18 27	17 23 144 107 153 150 170 177	26 126 3.84 3.86 4.22 4.40 5.31 5.02	588 578 774 718 862 711 933 1012	25 33 38 40 23 34 20 20	154 125 117 110 115 110 146 140		
157.0	176.0	Core missing																							
176.0	327.5	ANDESITE - as above Occasional carbonate on fractures. Contains occasional narrow zones with rounded quartz phenos to 2 mm. Similar zones were noted in the previous section. Overall poorly altered.	135743 135744 135745 135746 135747 135748 135749 135750	176.0 193.0 210.0 230.0 250.0 270.0 290.0 310.0	181.0 198.0 215.0 235.0 255.0 275.0 295.0 315.0	5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	31 61 14 6 <5 <5 <5 9	<0.2 0.2 >10000 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2	1054 >10000 960 943 84 109 250 499	1.2	7 7 8 6 3 3 2 <2	66 25 54 45 55 45 43 60	<0.2 <0.2 0.2 <0.2 <0.2 <0.2 <0.2 0.2	3 5 69 5 4 2 2 5	<5 <5 <5 <5 <5 <5 <5 <5	6 6 7 10 9 7 25 40 35	28 18 71 16 17 24 29 27	176 167 164 13 12 139 183 173	5.51 7.45 5.04 4.76 4.53 4.47 4.82 5.67	1183 925 806 1008 809 856 836 1055	22 40 25 30 34 38 41 34	130 112 135 130 126 128 156 173			
327.5	354.5	FELDSPAR PORPHYRY Light brown to pinkish in colour. Limonitic alteration common and weak to moderate local argillic alteration. Poorly developed phenos - predominantly felsitic in appearance. Brecciated upper contact. 345.0-350.0 Contains tourmaline veins to 2".	135751	345.0	350.0	5.0	25	<0.2	3308		2	31	<0.2	53	18	<5	<5	13	13	23	4.19	495	30	55	
354.5	373.0	ANDESITE As above from 176'.																							
373.0	400.0	BRECCIA ZONE Pink to greenish in colour. Comprises pink K altered felsite (?) to 392' with intervals of	135752 135753	360.0 375.0	365.0 380.0	5.0 5.0	24 127	<0.2 <0.2	2292 2873		3 6	35 13	<0.2 <0.2	44 3	<5 <5	<5 <5	<5 <5	9 4	12 5	12 28	5.00 3.16	610 371	31 28	134 50	

Project 635

Hole DH-57 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135735	20	8	<1	<10	<20	<20	1.29	1.89	1.57	0.11	0.35	4	11	0.28	<10	7	<1	3
135736	40	4	<1	<10	<20	<20	1.42	2.18	2.29	0.11	0.36	5	10	0.16	<10	6	<1	2
135737	59	4	<1	<10	<20	<20	1.83	2.48	3.74	0.13	0.51	6	13	0.18	<10	8	<1	2
135738	44	5	<1	<10	<20	<20	1.65	2.43	2.17	0.11	0.49	6	11	0.18	<10	7	<1	3
135739	81	4	<1	<10	<20	<20	1.51	2.43	4.43	0.09	0.32	5	12	0.15	<10	9	<1	2
135740	71	5	1	<10	<20	<20	1.92	2.68	3.19	0.07	0.42	5	19	0.13	<10	10	<1	3
135741	112	6	5	<10	<20	<20	1.88	2.68	5.07	0.04	0.15	7	20	0.04	<10	15	<1	2
135742	115	6	<1	<10	<20	<20	1.75	2.71	5.49	0.06	0.20	3	19	0.09	<10	14	<1	2
135743	149	5	<1	<10	<20	<20	1.96	2.82	5.88	0.05	0.18	6	18	0.08	<10	13	<1	2
135744	117	6	<1	<10	<20	<20	1.33	2.63	4.37	0.04	0.19	3	12	0.05	<10	11	1	2
135745	76	7	<1	<10	<20	<20	1.74	2.62	3.55	0.09	0.32	5	15	0.12	<10	13	<1	2
135746	88	15	1	<10	<20	<20	1.70	2.28	4.42	0.07	0.21	6	11	0.08	<10	11	<1	<1
135747	39	10	<1	<10	<20	<20	1.62	2.19	1.81	0.06	0.34	6	14	0.16	<10	9	<1	<1
135748	75	6	2	<10	<20	<20	1.83	2.00	4.39	0.13	0.34	7	16	0.15	<10	11	<1	2
135749	112	6	3	<10	<20	<20	2.13	2.26	5.19	0.13	0.38	8	19	0.17	<10	12	<1	3
135750	195	8	4	<10	<20	<20	2.27	2.36	5.74	0.04	0.27	8	22	0.05	<10	24	1	1
135751	74	5	<1	<10	<20	<20	0.95	2.00	2.61	0.02	0.16	4	7	<0.01	<10	7	<1	2
135752	110	9	16	<10	<20	<20	2.16	2.07	2.95	0.05	0.29	6	23	<0.01	<10	12	<1	3
135753	41	5	6	<10	<20	<20	0.89	1.09	1.59	0.06	0.11	5	5	<0.01	<10	<5	<1	5

Project 635

Hole DH-57 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135754	116	9	7	<10	<20	<20	1.37	1.80	2.92	0.05	0.19	5	10	<0.01	<10	11	1	4
135755	91	8	2	<10	<20	<20	1.61	1.91	2.04	0.07	0.31	7	13	0.06	<10	10	<1	1
135756	214	8	3	<10	<20	<20	1.78	2.22	4.44	0.05	0.14	6	19	0.02	<10	21	1	3
135757	119	7	4	<10	<20	<20	0.66	1.05	2.69	0.08	0.11	5	4	<0.01	<10	<5	<1	3
135758	65	5	3	<10	<20	<20	0.61	0.95	1.69	0.06	0.13	3	4	<0.01	<10	<5	<1	3
135759	114	5	3	<10	<20	<20	1.98	2.27	2.62	0.05	0.30	7	16	0.04	<10	10	2	3
135760	95	7	5	<10	<20	<20	1.49	2.29	3.37	0.05	0.13	5	18	0.02	<10	13	<1	3
135761	115	6	4	<10	<20	<20	1.86	2.35	6.74	0.07	0.30	7	18	0.08	<10	12	<1	2
135762	121	6	1	<10	<20	<20	2.33	2.82	4.45	0.06	0.43	6	23	0.10	<10	14	<1	1
135763	78	5	1	<10	<20	<20	1.54	2.35	3.07	0.11	0.48	5	11	0.15	<10	8	<1	3
135764	121	6	3	<10	<20	<20	1.90	2.66	5.03	0.07	0.41	6	20	0.08	<10	12	<1	3

DISCOVERY CONSULTANTS
Drill Log

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

Co-ords:

Drill type & size: AQ

Hole No: DH-55
Property: Gnat PassAzimuth:
Dip:
Elevation:

Dip tests:

Location: Gnat Pass
Date St:
Data Fin:

25,202

Length: 458'
Section:
Purpose:

file: 635geodata\dh_055.WK4

Logged by: T. Carpenter
Date Logged: 96.09

Reference: v96-01550.0, 1557.0

Interval From	To	Description	Sample ID	Sample Interval from	to	Length m	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm	
0.0	6.0	Casing																							
6.0	18.5	ANDESITE Heavily oxidized fractures. Medium grey to green in colour. Fine to medium grained. Mafic phenos to 2 mm.	135713	15.0	20.0	5.0	<5	<0.2	156	<2	40	<0.2	31	<5	<5	5	4	18	18	4.34	1126	30	71	135	
18.5	46.5	FELSITE Light to medium brown to 36' with occasional quartz veining. Fine grained. Limonite common healing fractures and staining core. From 36-46.5' core lighter coloured beige. Brecciation evident from 42' with tourmaline healing fractures. Pyrite > chalcopyrite (1-2%) with tourmaline.	135714	35.0	40.0	5.0	33	0.2	3315	<2	38	<0.2	10	24	5	6	4	13	17	3.79	782	19	48	67	
46.5	66.0	Core missing																							
66.0	85.0	ANDESITE Medium grey green. Fine grained. As from 6-18.5. 76.5- 79.0 Felsite.	135715	70.0	75.0	5.0	13	<0.2	1990	<2	39	<0.2	6	<5	<5	6	6	12	11	4.43	1012	36	105	118	
85.0	113.0	FELSITE Predominantly cherty in appearance with mineralization on fractures. Breccia appearance. Local argillic alteration (90-92'). Light brown to greenish colour from 94.5'. Strong tourmaline veining to 88' with veins to 8' with 1-2% chalcopyrite.	135716	85.0	90.0	5.0	51	0.2	4075	<2	17	<0.2	92	147	<5	8	5	6	30	4.44	817	31	51	81	
			135717	105.0	110.0	5.0	<5	0.3	2450	<2	18	<0.2	26	<5	<5	<5	5	4	30	2.99	631	25	30	69	
113.0	151.5	ANDESITE Dark grey to dark green. Highly siliceous to 134'. Local brecciation and tourmaline healing. Local potassic alteration. Minor carbonate veining. 1-2% local chalcopyrite with weak K alteration.	135718	120.0	125.0	5.0	7	<0.2	1500	<2	15	<0.2	21	<5	<5	5	5	6	23	3.88	483	48	70	55	
		128.5-129.0 Felsite dyke.																							
		134.0-144.0 Felsite dyke.	135719	135.0	140.0	5.0	16	<0.2	2861	<2	45	0.4	72	542	5	7	8	14	3	5.09	536	155	94	41	

Project 635

Hole DH-55 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135713	11	3	<10	<20	<20	1.02	1.72	3.22	0.05	0.24	8	8	0.02	<10	10	<1	1
135714	8	7	<10	<20	<20	0.59	1.47	2.54	0.04	0.10	5	4	<0.01	<10	<5	<1	5
135715	11	3	<10	<20	<20	1.23	1.72	3.08	0.07	0.22	7	13	0.06	<10	11	<1	2
135716	9	4	<10	<20	<20	0.50	1.26	2.54	0.03	0.10	3	3	<0.01	<10	6	<1	3
135717	6	9	<10	<20	<20	0.41	0.94	1.64	0.06	0.14	4	2	<0.01	<10	<5	<1	6
135718	9	7	<10	<20	<20	0.67	1.14	1.77	0.06	0.17	4	8	0.06	<10	<5	<1	7
135719	5	7	<10	<20	<20	1.11	1.54	1.42	0.01	0.23	3	6	<0.01	<10	10	<1	2

Project 635

Hole DH-55 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135720	10	6	<10	<20	<20	0.23	1.52	3.20	0.08	0.06	4	1	<0.01	<10	<5	<1	10
135721	8	5	<10	<20	<20	0.51	1.32	2.20	0.04	0.18	<2	3	<0.01	<10	<5	<1	7
135722	4	3	<10	<20	<20	0.56	1.29	2.53	0.01	0.16	<2	2	<0.01	<10	<5	<1	7
135723	8	7	<10	<20	<20	0.37	1.14	2.20	0.04	0.11	<2	1	<0.01	<10	<5	<1	6
135724	11	9	<10	<20	<20	0.43	1.07	2.08	0.04	0.13	<2	2	<0.01	<10	<5	<1	5
135725	5	1	<10	<20	<20	0.35	1.15	1.96	0.01	0.18	<2	1	<0.01	<10	<5	<1	5
135726	7	6	<10	<20	<20	0.60	1.36	1.79	0.03	0.16	5	4	<0.01	<10	<5	<1	6
135727	9	11	<10	<20	<20	0.65	1.18	1.36	0.06	0.15	3	4	0.01	<10	<5	<1	8
135728	5	4	<10	<20	<20	0.32	1.37	2.85	0.02	0.18	<2	<1	<0.01	<10	<5	<1	4
135729	5	5	<10	<20	<20	0.32	1.50	3.23	0.05	0.17	4	<1	<0.01	<10	<5	<1	4
135730	5	2	<10	<20	<20	0.29	0.98	2.05	0.02	0.19	<2	<1	<0.01	<10	<5	<1	4
135731	7	2	<10	<20	<20	0.45	1.29	2.96	0.01	0.30	<2	<1	<0.01	<10	<5	<1	4
135732	8	5	<10	<20	<20	0.43	1.26	3.41	0.04	0.21	5	2	<0.01	<10	<5	<1	3
135733	6	7	<10	<20	<20	0.45	0.90	2.54	0.05	0.17	3	2	<0.01	<10	<5	<1	4
135734	8	7	<10	<20	<20	0.46	1.22	2.09	0.05	0.18	3	2	<0.01	<10	<5	<1	5

Project 635

Hole DH-53 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135687	12	7	<10	<20	<20	0.48	1.44	3.43	0.03	0.17	4	3	<0.01	<10	5	<1	4
135688	9	11	<10	<20	<20	0.45	0.82	1.40	0.02	0.27	<2	<1	<0.01	<10	<5	<1	5
135689	8	12	<10	<20	<20	0.36	0.91	1.15	0.05	0.22	<2	<1	<0.01	<10	<5	<1	5
135690	10	11	<10	<20	<20	0.57	0.95	1.45	0.06	0.22	4	3	<0.01	<10	<5	<1	4
135691	12	9	<10	<20	<20	0.43	1.36	2.02	0.06	0.18	3	2	<0.01	<10	<5	<1	4
135692	9	9	<10	<20	<20	0.48	0.86	1.18	0.07	0.17	5	2	<0.01	<10	<5	<1	6
135693	8	15	<10	<20	<20	0.35	0.61	0.87	0.09	0.14	3	2	<0.01	<10	<5	<1	7
135694	9	11	<10	<20	<20	0.25	0.93	1.41	0.07	0.13	3	1	<0.01	<10	<5	<1	8
135695	12	10	<10	<20	<20	0.40	1.44	2.80	0.04	0.18	5	3	<0.01	<10	<5	<1	5
135696	9	11	<10	<20	<20	0.46	0.91	1.69	0.04	0.20	5	3	<0.01	<10	<5	<1	6
135697	9	8	<10	<20	<20	0.31	0.85	1.16	0.08	0.10	3	2	<0.01	<10	<5	<1	5
135698	11	9	<10	<20	<20	0.36	1.24	2.45	0.05	0.13	4	2	<0.01	<10	<5	<1	5
135699	12	9	<10	<20	<20	0.69	1.37	2.26	0.05	0.17	7	5	<0.01	<10	<5	<1	6
135700	13	8	<10	<20	<20	0.73	1.24	2.89	0.06	0.09	5	5	<0.01	<10	<5	<1	4
135701	13	7	<10	<20	<20	0.62	1.48	2.97	0.05	0.13	5	4	<0.01	<10	<5	<1	6
135702	9	7	<10	<20	<20	0.76	1.28	1.84	0.04	0.27	6	5	<0.01	<10	7	<1	6
135703	9	6	<10	<20	<20	0.97	1.33	1.87	0.06	0.25	7	8	<0.01	<10	<5	<1	5
135704	10	8	<10	<20	<20	0.92	1.17	1.83	0.05	0.24	7	8	0.01	<10	6	<1	4

Project 635

Hole DH-53 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
135705	6	5	<10	<20	<20	0.77	1.51	3.43	0.01	0.20	4	4	<0.01	<10	♁	<1	1
135706	7	11	<10	<20	<20	0.80	1.18	1.26	0.07	0.15	5	5	<0.01	<10	♁	<1	2
135707	5	6	<10	<20	<20	0.55	1.16	1.36	0.05	0.13	4	3	<0.01	<10	♁	<1	2
135708	9	10	<10	<20	<20	0.78	0.76	1.77	0.06	0.10	4	8	<0.01	<10	♁	<1	3
135709	11	8	<10	<20	<20	1.38	1.59	1.58	0.04	0.42	10	15	0.02	<10	♁	<1	12
135710	7	8	<10	<20	<20	0.59	1.23	1.29	0.05	0.14	5	6	<0.01	<10	♁	<1	2
135711	11	8	<10	<20	<20	0.40	1.41	2.98	0.05	0.10	6	4	<0.01	<10	♁	<1	3
135712	7	5	<10	<20	<20	0.73	1.20	1.40	0.04	0.15	6	6	<0.01	<10	♁	<1	5

Project 635

Hole DH-60 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635TC-033	197	9	9	<10	<20	<20	2.29	2.71	2.76	0.11	0.99	8	17	0.15	<10	15	<1	3
635TC-034	109	9	11	<10	<20	<20	1.29	2.02	1.67	0.07	0.68	5	9	0.09	<10	8	<1	9
635TC-035	146	9	6	<10	<20	<20	0.77	1.66	3.10	0.02	0.17	<2	5	<0.01	<10	11	<1	2
635TC-036	76	8	6	<10	<20	<20	0.61	1.40	1.75	0.05	0.09	3	5	<0.01	<10	9	<1	2
635TC-037	50	10	16	<10	<20	<20	0.60	0.94	1.35	0.03	0.23	4	4	<0.01	<10	<5	<1	6

DISCOVERY CONSULTANTS
Drill Log

Co-ords:	Drill type & size: AQ	Hole No: DH-60
Azimuth:		Property: Gnat Pass
Dip:	Dip tests:	Location: Gnat Pass
Elevation:		Date St.:
		Date Fin.:
Length: unknown	file: 635geodata\dh_060.wk4	
Section:		Logged by: T.Carpenter
Purpose:		Date Logged: 96.09
	Reference: v96-01239.0	

Interval From	To	Description	Sample ID	Sample Interval from	to	Length m	Au30 ppb	Ag ppm	Cu ppm	Cu %	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm
		Felsite? rock As from 313-346'. As from 313-346'. Breccia. Quartz healed fractures. White quartz veining from 437'. Alteration zone from 409.5-531'																						
		422.0-430.0 Medium green altered andesite.																						
		427.0-428.0 Possible silicified felsite. Cream coloured. Very fine grained. Highly silicified	635TC-038	427.0	428.0	1.0	52	0.4	2759		7	27	<0.2	1	10	<5	<5	3	6	38	2.87	733	51	20
442.0	451.0	Clay altered rock of indeterminate composition Probably altered felsite as no phenos evident. Shearing evident. Epidote alteration from 450-451'. Overall pinkish due to k-spar alteration and limonitic staining. Bleached and cream coloured. Similar to previous section.																						
451.0	531.0	SILICEOUS Cream coloured rock. Similar to previous sections. Possible felsite.																						
		461.0-462.0 Similar to above.	635TC-039	461.0	462.0	1.0	18	<0.2	130		7	26	<0.2	2	12	<5	<5	2	4	27	2.23	911	47	14
		464.0 Highly fractured core. Shearing with clay from 478' to 494'.																						
		511.0-512.0 As above.	635TC-040	511.0	512.0	1.0	12	0.5	59		7	23	<0.2	2	<5	<5	<5	3	5	44	2.36	696	35	29
531.0	558.0	ALTERED ANDESITE Weakly to moderately silicified. Locally epidotized. Cut by quartz veinlets to 2mm. Pyrite blebs throughout.																						
		536.0-537.0 S.l. andesite. Medium grained. Cut by ubiquitous limonite and tourmaline veinlets healing fractures	635TC-041	536.0	537.0	1.0	13	<0.2	2740		7	20	<0.2	7	<5	<5	<5	4	7	33	2.91	763	46	47
558.0	610.0	HIGHLY ALTERED CORE Pinkish. Fine grained. Highly silicified. Altered felsite.																						
		580.0-581.0 Quartz veining in felsite.	635TC-042	580.0	581.0	1.0	42	0.3	3419		9	37	<0.2	6	48	5	<5	3	8	22	2.69	795	43	25

Project 635

Hole DH-60 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635TC-038	74	8	12	<10	<20	<20	0.45	0.99	1.85	0.08	0.23	2	1	<0.01	<10	<5	<1	3
635TC-039	93	8	13	<10	<20	<20	0.32	1.00	2.08	0.09	0.16	2	<1	<0.01	<10	<5	<1	5
635TC-040	55	8	16	<10	<20	<20	0.52	0.82	1.55	0.09	0.16	4	2	<0.01	<10	<5	<1	2
635TC-041	84	13	16	<10	<20	<20	0.71	1.02	1.98	0.08	0.18	6	4	<0.01	<10	<5	<1	5
635TC-042	62	11	12	<10	<20	<20	0.59	1.03	2.01	0.03	0.24	4	2	<0.01	<10	<5	<1	6

Project 635

Hole DH-60 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sr ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635TC-043	41	7	7	<10	<20	<20	0.71	0.89	0.74	0.02	0.34	3	3	<0.01	<10	<5	<1	7

Project 635

Hole DH-62 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635TC-050	74	7	10	<10	<20	<20	0.89	1.81	2.71	0.08	0.13	4	14	0.08	<10	10	1	4
635TC-051	75	6	22	<10	<20	<20	1.71	2.45	2.88	0.14	0.46	8	13	0.12	<10	10	<1	4
635TC-052	83	7	19	<10	<20	<20	2.46	2.83	2.71	0.02	0.19	10	34	0.04	<10	17	1	2
635TC-053	64	7	31	16	23	<20	1.13	2.36	2.34	0.02	0.13	7	20	0.02	<10	12	2	5
635TC-054	87	8	28	15	21	<20	1.13	2.00	2.69	0.01	0.06	10	11	<0.01	<10	8	2	1
635TC-055	105	10	9	<10	<20	<20	1.97	2.20	3.24	0.10	0.18	5	14	0.03	<10	14	<1	2
635TC-056	208	7	18	<10	<20	<20	2.59	2.95	5.53	0.04	0.24	10	37	0.05	<10	23	<1	1
635TC-057	152	8	16	<10	<20	<20	2.80	3.08	4.85	0.05	0.37	11	23	0.06	<10	23	1	3
635TC-058	39	7	23	<10	23	<20	2.70	1.98	1.53	0.03	0.10	9	18	<0.01	<10	<5	2	2
635TC-059	71	9	15	<10	<20	<20	2.68	2.44	3.41	0.04	0.24	10	21	0.02	<10	6	<1	1

Project 635

Hole DH-62 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
635TC-060	86	10	10	<10	<20	<20	2.26	1.93	4.89	0.04	0.24	10	14	0.02	<10	9	<1	<1
635TC-061	30	5	9	<10	<20	<20	3.77	3.04	1.43	0.03	0.14	10	29	0.02	<10	11	1	<1
635TC-062	72	12	9	<10	<20	<20	2.49	2.31	3.77	0.06	0.14	12	15	0.03	<10	12	<1	<1
635TC-063	77	9	8	<10	<20	<20	1.72	1.86	5.79	0.05	0.17	7	14	0.13	<10	12	<1	4

Project 635

Hole DH-64 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
19675	117	11	4	<10	<20	<20	1.41	1.61	2.37	0.16	0.30	5	9	0.11	<10	11	<1	2
19676	116	7	5	<10	<20	<20	0.42	1.48	2.83	0.04	0.16	2	2	<0.01	<10	7	<1	4
19677	189	8	4	<10	<20	<20	1.96	2.30	3.24	0.09	0.66	6	13	0.07	<10	17	1	2
19678	31	10	12	<10	<20	<20	1.20	1.49	1.12	0.08	0.25	7	11	0.03	<10	<5	<1	12

Project 635

Hole DH-64 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
19679	102	11	5	<10	<20	<20	1.15	1.86	2.90	0.09	0.16	6	13	0.04	<10	11	<1	3
19680	36	8	9	<10	<20	<20	0.98	1.27	1.30	0.07	0.21	5	9	0.02	<10	<5	<1	12
19681	45	9	10	<10	<20	<20	0.73	1.28	1.72	0.06	0.16	4	7	<0.01	<10	<5	<1	11
19682	77	10	5	<10	<20	<20	1.55	1.76	2.35	0.09	0.23	8	15	0.08	<10	12	1	2
19683	97	9	7	<10	<20	<20	1.57	1.72	3.12	0.07	0.15	8	16	0.03	<10	10	<1	2
19684	55	5	4	<10	<20	<20	1.17	1.72	2.41	0.13	0.22	5	11	0.14	<10	7	1	3
19685	95	4	5	<10	<20	<20	1.49	1.97	3.52	0.11	0.23	6	13	0.11	<10	8	<1	3
19686	107	7	9	<10	<20	<20	1.06	1.76	2.88	0.02	0.14	7	14	<0.01	<10	8	1	6
19687	83	8	14	<10	<20	<20	0.72	1.69	2.82	0.07	0.12	5	7	<0.01	<10	6	<1	5
19688	129	8	12	<10	<20	<20	0.98	1.77	2.87	0.06	0.10	6	10	<0.01	<10	7	<1	5
19689	80	5	5	<10	<20	<20	1.72	2.22	3.93	0.13	0.40	8	18	0.15	<10	8	<1	2
19690	79	4	5	<10	<20	<20	2.12	2.45	2.99	0.09	0.45	9	27	0.17	<10	8	<1	2
19691	121	5	6	<10	<20	<20	2.16	2.36	4.26	0.08	0.25	11	33	0.14	<10	11	<1	3
19692	166	6	9	<10	<20	<20	1.50	2.16	4.88	0.05	0.09	7	25	0.06	<10	12	1	3
19693	72	4	4	<10	<20	<20	1.78	2.17	2.73	0.13	0.56	7	15	0.15	<10	7	<1	2
19694	189	5	13	<10	<20	<20	1.46	1.77	4.19	0.04	0.23	7	19	0.03	<10	7	2	2
19695	65	5	6	<10	<20	<20	1.85	2.31	2.36	0.10	0.68	7	20	0.13	<10	9	<1	3
19696	73	5	4	<10	<20	<20	1.82	2.21	2.92	0.13	0.36	7	19	0.14	<10	9	<1	2
19697	40	3	3	<10	<20	<20	2.04	2.30	2.00	0.12	0.65	9	18	0.19	<10	6	<1	1
19698	122	4	4	<10	<20	<20	1.84	2.28	4.25	0.10	0.37	8	18	0.16	<10	7	<1	2

Project 635

Hole DH-64 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
19699	174	6	6	<10	<20	<20	1.80	2.33	5.73	0.09	0.18	8	17	0.13	<10	10	<1	2
19700	79	9	3	<10	<20	<20	1.60	1.79	2.04	0.13	0.21	5	15	0.17	<10	10	<1	2
19701	75	8	4	<10	<20	<20	1.56	1.87	2.09	0.11	0.32	7	14	0.18	<10	10	<1	3
19702	154	6	12	<10	<20	<20	0.82	2.57	6.83	0.03	0.04	3	5	<0.01	<10	18	1	1
19703	105	10	5	<10	<20	<20	1.79	2.02	3.03	0.06	0.17	8	18	0.04	<10	16	<1	<1
19704	52	3	2	<10	<20	<20	0.39	1.45	2.76	0.04	0.18	<2	2	<0.01	<10	<5	<1	3
19705	96	3	3	<10	<20	<20	0.55	1.79	3.56	0.02	0.13	<2	4	<0.01	<10	<5	<1	4

DISCOVERY CONSULTANTS
Drill Log

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

Co-ords: Drill type & size: AQ Hole No: DH-67
 Azimuth: Property: Gnat Pass
 Dip: Dip tests: Location: Gnat Pass
 Elevation: Date St.:
 Length: unknown file: 635geodata\dh_067.wk4 Date Fin:
 Section: Logged by: T.Carpenter
 Purpose: Date Logged: 96.09
 Reference: v96-01518.0

25, 202

Interval From	To	Description	Sample ID	Sample interval from	Length to	Au30	Ag	Cu	Pb	Zn	Cd	Mo	As	Sb	Bi	Ni	Co	Cr	Fe	Mn	Ba	V	Sr	
					m	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
0.0	21.0	Overburden																						
21.0	141.0	ANDESITE Medium greenish to dark reddish grey in colour. Fine grained. Silicified, weak to moderate local epidotization. Weakly brecciated. CaCo3 common on fractures. Pyrite common as disseminations and fracture fillings. Chalcopyrite (to 3%) as fracture fillings.	19651 19652 19653 19654 19655	31.0 56.0 75.0 90.0 110.0	36.0 61.0 80.0 95.0 115.0	5.0 5.0 5.0 5.0 5.0	15 6 12 <5 30	<0.2 <0.2 <0.2 <0.2 <0.2	243 177 635 345 1906	<2 <2 <2 <2 3	76 80 75 86 70	<0.2 <0.2 0.2 <0.2 0.7	9 5 9 3 26	<5 <5 8 <5 <5	7 6 7 9 8	9 17 13 7 13	31 11 11 10 8	5.41 5.53 4.96 4.99 4.42	938 1015 1345 916 909	20 68 61 300 54	86 98 87 88 65	118 111 152 107 119		
141.0	226.0	ALTERED ANDESITE Generally brownish to beige, oxidized to argillically altered with zones to 3-5' in length of weakly altered andesite. Some shearing evident. Brecciation widespread. Chalcopyrite > pyrite as fracture coatings, fracture fillings and disseminations.	19656 19657 19658 19659	143.0 160.0 187.0 208.0	148.0 165.0 192.0 215.0	5.0 5.0 5.0 7.0	19 6 10 <5	<0.2 <0.2 <0.2 <0.2	258 251 214 152	<2 <2 <2 <2	73 75 86 73	0.2 <0.2 <0.2 <0.2	4 3 5 3	<5 39 <5 <5	5 7 8 8	7 46 23 14	7 8 4 8	4.95 5.15 5.60 4.56	940 1192 1177 870	23 25 161 35	73 58 67 45	123 95 102 85		
226.0	243.0	ALTERED ANDESITE?? Fine grained. Highly clay altered - possible intrusive but texturally resembles andesite.	19660	236.0	241.0	5.0	8	<0.2	803	<2	66	<0.2	7	10	<5	6	6	17	7	4.43	1061	39	34	144
243.0	602.0	ANDESITE Medium green in colour. Fine grained to medium grained. 350.0 Increased oxidization. Note: From 246' (Box 11) all boxes are marked 97 on the side. However hole 97 is complete in another pile. Also two boxes appear to be missing between Box 17 and Box 25. Few footage tags are readable. Therefore samples collected in this area are suspect.	19661 19662 19663 19664 19665 19666 19667 19668 19669 19670 19671 19672 19673 19674	251.0 275.0 295.0 315.0 340.0 360.0 381.0 395.0 445.0 480.0 485.0 540.0 555.0 590.0	256.0 280.0 300.0 320.0 345.0 365.0 386.0 440.0 450.0 485.0 529.0 545.0 560.0 595.0	5.0 5.0 5.0 5.0 5.0 5.0 5.0 45.0 5.0 5.0 44.0 5.0 5.0 5.0	6 11 <5 11 <5 6 21 <5 11 14 12 9 <5 <5	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2 0.5 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2	211 1115 250 416 227 249 2428 387 1297 1388 1591 144 218 302	<2 <2 3 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	167 124 117 88 74 79 40 32 59 48 52 65 84 75	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2	7 3 4 8 2 5 4 3 6 6 3 7 3 2	<5 <5 <5 28 9 5 5 5 5 5 5 5 5 5 5 5	7 9 7 9 6 6 6 7 7 6 9 7 7 7	24 28 14 37 15 13 11 7 14 15 20 16 13 16	6 5 9 7 9 6 11 10 9 7 8 10 6 7	6.13 5.49 4.70 5.97 5.24 4.79 4.12 4.85 5.16 5.08 5.38 5.01 4.68 5.15	674 569 1129 1147 1244 1376 821 654 846 1087 1020 1486 1324 1394	25 17 16 21 35 83 193 61 52 36 82 103 104 45	69 81 76 66 51 56 26 47 67 67 67 87 65 78	51 36 74 84 103 113 102 132 57 94 84 114 84 129		

Project 635

Hole DH-67 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
19651	11	6	<10	<20	<20	1.87	1.40	3.75	0.04	0.13	6	11	<0.01	<10	<5	<1	2
19652	10	10	<10	<20	<20	1.62	1.51	2.91	0.07	0.23	6	7	0.06	<10	<5	<1	3
19653	11	8	<10	<20	<20	1.49	1.20	4.09	0.09	0.25	7	5	0.07	<10	<5	<1	3
19654	10	9	<10	<20	<20	1.70	1.55	2.84	0.06	0.23	6	9	0.04	<10	<5	<1	2
19655	10	8	<10	<20	<20	2.01	1.71	3.73	0.04	0.26	7	12	<0.01	<10	<5	<1	1
19656	10	8	<10	<20	<20	1.04	1.46	2.06	0.03	0.21	3	5	<0.01	<10	<5	<1	2
19657	11	7	<10	<20	<20	1.02	1.69	2.83	0.03	0.25	4	5	<0.01	<10	<5	<1	2
19658	11	8	<10	<20	<20	1.63	1.84	3.96	0.03	0.18	7	12	<0.01	<10	<5	<1	1
19659	10	9	<10	<20	<20	1.36	1.71	3.14	0.03	0.31	4	10	<0.01	<10	<5	<1	1
19660	9	6	<10	<20	<20	0.80	1.79	3.98	0.02	0.30	3	4	<0.01	<10	<5	<1	1
19661	6	4	<10	<20	<20	2.93	2.68	1.29	0.03	0.17	7	29	<0.01	<10	<5	<1	1
19662	7	4	<10	<20	<20	2.92	2.86	0.77	0.03	0.14	7	29	<0.01	<10	<5	<1	1
19663	8	6	<10	<20	<20	1.69	1.77	2.96	0.04	0.17	7	11	0.02	<10	<5	<1	2
19664	8	5	<10	<20	<20	2.03	1.58	3.26	0.02	0.19	9	12	<0.01	<10	<5	<1	1
19665	11	7	<10	<20	<20	1.26	1.67	3.63	0.03	0.23	5	7	<0.01	<10	<5	<1	2
19666	10	8	<10	<20	<20	1.20	1.57	3.19	0.03	0.28	5	6	0.02	<10	<5	<1	2
19667	8	8	<10	<20	<20	0.57	1.42	3.11	0.03	0.30	<2	1	<0.01	<10	<5	<1	2
19668	10	16	<10	<20	<20	1.21	1.48	3.55	0.03	0.35	4	7	<0.01	<10	<5	<1	2
19669	10	7	<10	<20	<20	2.23	1.89	2.21	0.03	0.22	7	15	<0.01	<10	<5	<1	1
19670	11	8	<10	<20	<20	1.78	1.87	2.80	0.03	0.20	7	11	0.01	<10	<5	<1	2
19671	10	7	<10	<20	<20	1.66	1.85	2.52	0.03	0.19	5	11	0.01	<10	<5	<1	2
19672	10	3	<10	<20	<20	1.52	1.86	4.07	0.03	0.23	6	9	0.01	<10	10	<1	<1
19673	9	9	<10	<20	<20	1.98	1.69	4.44	0.03	0.19	8	11	0.01	<10	<5	<1	2
19674	11	13	<10	<20	<20	2.00	1.62	3.88	0.04	0.21	10	11	0.01	<10	<5	1	2

DISCOVERY CONSULTANTS
Drill Log

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

Co-ords: Drill type & size: AQ Hole No: DH-66
 Azimuth: Property: Gnat Pass
 Dip: Location: Gnat Pass
 Elevation: Date St.:
 Date Fin:
 Length: 600' file: 635\geodata\dh_066.wk4
 Section: Logged by: T.Carpenter
 Purpose: Date Logged: 96.09
 Reference: v96-01551.0

25,202

Interval From	To	Description	Sample ID	Sample from	Interval to	Length m	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm	
0.0	40.0	Good example of pink alteration. ("Albitization"). Overburden No Oxidation zone.																							
40.0	59.0	ANDESITE Buff to pink pervasively altered. Pyrite and CO3 hairline fractures.	19937	55.0	60.0	5.0	<5	<0.2	102	<2	34	<0.2	2	<5	<5	<5	15	14	35	3.92	637	73	78	64	
59.0	71.0	Black fine grained PYROXENE BASALT																							
71.0	144.0	ANDESITE Buff, fractured to pervasively pink Andesite. 71-72' Crushed, pebble = fault, moderate to strong CO3 veins. 85-100' Grey andesite. Below 120' grey. In between pervasively pink and monotonous grey medium to dark grey. Where dark grey it is diabase textured. Trace chalcopryite in fractures.	19938 19939 19940 19941	75.0 92.0 115.0 135.0	80.0 97.0 120.0 140.0	5.0 5.0 5.0 5.0	<5 <5 <5 <5	<0.2 <0.2 <0.2 <0.2	662 581 203 94	<2 <2 <2 <2	45 24 33 35	<0.2 <0.2 <0.2 <0.2	2 3 3 2	<5 <5 <5 <5	<5 <5 <5 <5	8 4 6 6	14 9 18 13	17 20 17 13	3.73 3.18 4.23 4.74	431 352 701 834	15 11 47 40	72 78 102 84	36 45 86 87		
144.0	151.0	Late ANDESITE DYKE Aphanitic to very fine grained olive grey late Andesite dyke. A few CO3 fractures.																							
151.0	199.0	ANDESITE same as above 170.0-180.0 A few deep red hematitic fractures. Trace pyrite <1/2%	19942 19943 19944	160.0 175.0 190.0	165.0 180.0 195.0	5.0 5.0 5.0	<5 <5 <5	<0.2 <0.2 <0.2	77 66 99	<2 <2 <2	43 40 63	<0.2 <0.2 <0.2	3 4 3	<5 <5 <5	<5 <5 <5	4 10 34	12 12 19	11 24 47	4.55 4.72 5.31	861 894 1240	37 34 45	76 96 167	53 71 102		
199.0	220.0	FRACTURED ZONE Bleached chips. Fault gouge -203-206'.	19945	215.0	220.0	5.0	<5	<0.2	55	<2	54	<0.2	4	<5	<5	<5	32	19	32	5.60	1141	14	117	77	
220.0	296.0	Typical grey ANDESITE/BASALT to fine grained pyroxene basalt by 235'. Below 230' a few mosaic breccias with hematite, ± chalcopryite. Chalcopryite in fractures. With depth specular hematite increases. Chalcopryite-weak/moderate. Crushed 258-259'. All pyroxene	19946 19947 19948	235.0 260.0 283.0	240.0 265.0 288.0	5.0 5.0 5.0	128 30 <5	<0.2 <0.2 <0.2	4403 2070 1214	<2 <2 <2	40 33 36	<0.2 <0.2 <0.2	25 23 8	<5 <5 <5	<5 <5 <5	5 30 40	25 19 19	78 95 180	6.72 6.18 5.97	1145 871 988	18 40 32	144 146 156	113 133 175		

Project 635

Hole DH-66 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
19937	7	6	<10	<20	<20	0.91	1.91	1.83	0.07	0.29	3	4	0.05	<10	7	<1	3
19938	9	9	<10	<20	<20	0.91	1.69	1.73	0.05	0.09	6	7	<0.01	<10	<5	<1	5
19939	9	9	<10	<20	<20	0.76	1.78	1.76	0.07	0.04	5	6	<0.01	<10	<5	<1	8
19940	9	8	<10	<20	<20	0.74	1.91	2.63	0.05	0.12	2	6	<0.01	<10	7	<1	3
19941	8	3	<10	<20	<20	0.92	2.12	2.26	0.05	0.32	3	5	0.06	<10	9	<1	<1
19942	8	5	<10	<20	<20	1.06	2.12	2.56	0.05	0.24	4	6	0.03	<10	8	<1	2
19943	8	4	<10	<20	<20	1.40	2.19	2.29	0.08	0.29	4	7	0.07	<10	8	1	1
19944	9	8	<10	<20	<20	1.73	2.38	3.51	0.10	0.33	5	7	0.11	<10	13	1	5
19945	8	6	<10	<20	<20	1.13	2.35	3.27	0.03	0.19	4	6	<0.01	<10	13	1	3
19946	9	8	<10	<20	<20	1.62	2.62	4.19	0.02	0.12	5	11	0.01	<10	16	2	<1
19947	7	7	<10	<20	<20	1.51	2.53	3.66	0.05	0.20	5	16	0.05	<10	13	1	2
19948	7	9	<10	<20	<20	1.91	2.76	5.19	0.09	0.30	6	17	0.09	<10	14	1	3

DISCOVERY CONSULTANTS

Drill Log

Co-ords:	Drill type & size: AQ	Hole No: DH-66
Azimuth:		Property: Gnat Pass
Dip:	Dip tests:	Location: Gnat Pass
Elevation:		Date St.:
		Date Fin:
Length: 600'	file: 635\geodata\dh_066.wk4	
Section:		Logged by: T.Carpenter
Purpose:		Date Logged: 96.09
	Reference: v96-01551.0	

Interval From	To	Description	Sample ID	Sample Interval from	Length to	Au30	Ag	Cu	Pb	Zn	Cd	Mo	As	Sb	Bi	Ni	Co	Cr	Fe	Mn	Ba	V	Sr	
					m	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
		basalt, medium grained pyroxene basalt by 260'. Below 280' chalcopryite - trace/weak.																						
296.0	322.0	Cream fine grained FELDSPAR PORPHYRY (FELSITE) Weak pull apart breccia tourmaline/CO3 clay altered chalcopryite trace. Some grey quartz veins. Crystalline quartz and calcite. Massive tourmaline 317-318'. Clay/CO3 alteration to 314'. 314-322' pervasive pink alteration in granular dyke with good disseminated chalcopryite.	19949	299.0	304.0	5.0	6	<0.2	2086	<2	15	<0.2	6	13	<5	<5	8	10	22	2.75	521	10	43	44
			19950	315.0	320.0	5.0	69	<0.2	6330	2	34	<0.2	10	<5	<5	<5	18	18	41	5.73	784	44	140	77
322.0	380.0	Fine grained to APHANITIC ANDESITE Trace pyrite, hematite; weak calcite fractures. Very fine grained (crystalline totally) andesite. Very massive where unfractured.	19951	340.0	345.0	5.0	8	<0.2	397	<2	47	<0.2	4	<5	<5	<5	32	26	82	5.80	1177	44	205	127
			19952	360.0	365.0	5.0	<5	<0.2	101	<2	52	<0.2	8	<5	<5	<5	51	27	151	6.17	1396	36	202	118
			19953	370.0	375.0	5.0	<5	<0.2	112	<2	48	<0.2	4	<5	<5	<5	19	27	32	6.15	1246	22	212	90
380.0	396.0	DIORITE/QUARTZ DIORITE Pervasive pink alteration. Highly fractured. Pyritic ~1% disseminated.	19954	390.0	395.0	5.0	<5	<0.2	135	<2	33	<0.2	6	<5	<5	<5	10	15	27	2.76	397	19	89	28
396.0	600.0	BASALT/ANDESITE Highly fractured to 415'. Strongly hematitic and epidote altered.	19955	410.0	415.0	5.0	6	<0.2	2638	<2	50	<0.2	6	<5	<5	9	21	27	37	7.27	1141	20	210	41
		415.0-475.0 Fractures	19956	425.0	430.0	5.0	<5	<0.2	216	<2	50	<0.2	3	<5	<5	<5	48	24	182	4.93	1247	18	150	97
		>470.0 all Pyroxene Basalt	19957	455.0	460.0	5.0	<5	<0.2	67	3	54	<0.2	3	<5	<5	<5	44	29	161	4.69	1200	155	138	92
		475.0-492.0' olive gouge/crush zones centred on quartz/CO3 vein at 484' subparallel to C.A.	19958	470.0	475.0	5.0	<5	<0.2	918	31	108	0.3	4	<5	<5	<5	41	23	162	5.08	1173	33	131	93
		492.0-512.0 Dark green, with 1 pink pervasive patch.	19959	495.0	500.0	5.0	<5	<0.2	496	4	63	<0.2	3	<5	<5	<5	30	18	121	3.91	1102	26	102	125
		512.0-520.0 Buff clay/CO3 zone.																						
		520.0-531.0 Medium grey/green calcite/epidote altered ± chlorite	19960	520.0	525.0	5.0	<5	<0.2	716	<2	62	<0.2	4	<5	<5	<5	33	28	129	6.09	1439	41	169	151
		531.0-536.0 Strong buff CO3/quartz alteration.																						
		536.0-569.0 Dark grey-green	19961	535.0	540.0	5.0	<5	<0.2	140	<2	63	<0.2	3	<5	<5	<5	36	26	143	6.03	1354	22	186	137
		569.0-585.0 Strong hematite on fractures	19962	551.0	556.0	5.0	<5	<0.2	150	<2	61	<0.2	3	<5	<5	<5	36	26	142	6.04	1369	22	185	139

Project 635

Hole DH-66 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
19949	6	3	<10	<20	<20	0.37	1.71	2.57	0.07	0.05	<2	2	<0.01	<10	5	<1	2
19950	8	7	<10	<20	<20	1.44	2.37	3.33	0.04	0.12	4	13	0.02	<10	8	1	3
19951	9	7	<10	<20	<20	2.30	2.78	4.75	0.08	0.27	5	20	0.09	<10	14	1	1
19952	9	8	<10	<20	<20	2.82	3.12	5.64	0.03	0.14	9	27	0.03	<10	18	1	<1
19953	11	5	<10	<20	<20	1.99	2.75	3.63	0.06	0.16	6	17	0.08	<10	15	1	<1
19954	6	2	<10	<20	<20	0.76	1.66	1.30	0.04	0.09	4	8	0.05	<10	<5	<1	2
19955	7	6	<10	<20	<20	2.67	3.15	2.11	0.04	0.09	9	28	0.03	<10	16	2	<1
19956	5	3	<10	<20	<20	1.93	2.94	4.89	0.10	0.24	6	20	0.15	<10	10	1	2
19957	5	4	<10	<20	<20	1.95	2.91	5.41	0.10	0.20	7	17	0.16	<10	8	1	3
19958	5	4	<10	<20	<20	1.76	2.77	4.09	0.09	0.24	6	15	0.12	<10	10	1	3
19959	5	4	<10	<20	<20	1.42	2.73	4.37	0.05	0.24	5	11	0.09	<10	10	<1	3
19960	8	6	<10	<20	<20	1.39	2.91	6.57	0.05	0.23	4	11	0.06	<10	19	1	2
19961	6	6	<10	<20	<20	2.04	2.80	6.48	0.06	0.22	7	22	0.11	<10	18	1	3
19962	6	5	<10	<20	<20	2.00	2.95	6.64	0.06	0.21	5	22	0.10	<10	18	1	3

Project 635

Hole DH-66 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
19963	6	7	<10	<20	<20	2.21	3.08	4.99	0.04	0.10	10	22	0.03	<10	14	2	2
19964	9	11	<10	<20	<20	2.57	3.09	6.03	0.03	0.13	10	29	0.05	<10	20	1	1

DISCOVERY CONSULTANTS
Drill Log

Co-ords: Drill type & size: AQ Hole No: DH-98
 Azimuth: Property: Gnat Pass
 Dip: Dip tests: Location: Gnat Pass
 Elevation: Date St.:
 Date Fin:
 Length: unknown file: 63S\geodata\dh_098.wk4
 Section: Logged by: T.Carpenter
 Purpose: Date Logged: 96.09
 Reference: v96-01518.0

25,202

Interval From	To	Description	Sample ID	Sample Interval from	to	Length m	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm	
0.0	68.0	Casing??																							
68.0	119.0	ANDESITE Fine to medium grained. Local K alteration. Heavily fractured. Weak to moderate epidote as patches. Limonite on fractures. Chalcopyrite and pyrite (1-2%) occur with tourmaline in healed fractures.	19769	105.0	110.0	5.0	7	0.5	3067	<2	36	<0.2	3	<5	<5	6	4	15	22	3.74	680	23	72	67	
119.0	137.0	FELSITE/FELDSPAR PORPHYRY Pink in colour (K-alteration?). Largely feldspathic. Fine to medium grained with occasional phenos to 2 mm. Limonitic fractures. Chloritic on occasional shallow angle fractures.	19768	120.0	125.0	5.0	17	<0.2	1688	<2	46	<0.2	67	<5	<5	5	8	16	17	4.72	900	60	122	117	
137.0	319.0	ANDESITE Medium to dark green. Relatively unaltered. Mafic phenos to 2-3 mm. Carbonate on fractures. 137.0-227.0 Breccia zone	19770	180.0	185.0	5.0	10	<0.2	724	<2	46	<0.2	10	<5	<5	9	7	21	15	4.98	1023	48	74	82	
			19771	200.0	205.0	5.0	36	0.5	2693	<2	42	<0.2	262	<5	<5	8	7	9	14	4.75	733	43	76	49	
			19772	220.0	225.0	5.0	22	0.6	4641	<2	41	<0.2	47	<5	<5	8	8	13	11	6.27	778	24	103	42	
			19773	249.0	254.0	5.0	<5	<0.2	658	<2	78	<0.2	6	<5	<5	<5	13	17	38	4.63	1375	30	149	95	
			19774	261.0	266.0	5.0	<5	<0.2	394	<2	98	<0.2	3	<5	<5	8	18	23	74	5.74	1199	14	204	96	
			19775	280.0	285.0	5.0	<5	<0.2	303	<2	78	<0.2	2	<5	<5	<5	18	22	74	4.91	1164	50	183	128	
			19776	305.0	310.0	5.0	<5	<0.2	356	<2	67	<0.2	10	<5	<5	5	7	16	22	4.95	1277	135	145	105	

Project 635

Hole DH-98 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
19769	9	13	<10	<20	<20	1.04	1.15	2.41	0.05	0.13	5	7	<0.01	<10	<5	<1	4
19768	10	8	<10	<20	<20	1.56	1.80	2.84	0.04	0.20	8	13	0.02	<10	11	<1	2
19770	11	10	<10	<20	<20	1.49	1.45	2.75	0.04	0.28	9	8	0.02	<10	<5	<1	2
19771	12	18	<10	<20	<20	1.47	1.40	2.66	0.04	0.15	7	11	0.01	<10	<5	<1	2
19772	12	16	<10	<20	<20	1.76	1.66	1.99	0.04	0.14	10	14	0.02	<10	6	<1	1
19773	7	7	<10	<20	<20	2.00	1.97	5.10	0.08	0.16	9	12	0.08	<10	15	<1	2
19774	8	6	<10	<20	<20	3.30	2.81	3.32	0.02	0.08	11	37	0.02	<10	21	<1	<1
19775	6	7	<10	<20	<20	1.93	1.99	4.96	0.12	0.27	9	15	0.12	<10	17	<1	4
19776	13	5	<10	<20	<20	2.18	1.93	3.65	0.05	0.15	10	19	0.02	<10	14	<1	<1

DISCOVERY CONSULTANTS
Drill Log

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

Co-ords: Drill type & size: AQ Hole No: DH-92
 Azimuth: Property: Gnat Pass
 Dip: Dip tests: Location: Gnat Pass
 Elevation: Date St.:
 Date Fin:
 Length: 570' file: 635\geodata\dh_092.wk4
 Section: Logged by: T.Carpenter
 Purpose: Date Logged: 96.09
 Reference: v96-01557.0

25,202

Interval From	To	Description	Sample ID	Sample Interval from	to	Length m	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm
0.0	13.0	Casing																						
13.0	38.0	FELSITE Medium grey. Cherty in appearance. Oxidized to 31'. Pyrite common on fractures.	136791	28.0	33.0	5.0	<5	<0.2	115	4	45	<0.2	<1	<5	<5	<5	4	10	13	3.14	335	40	44	25
38.0	93.0	FELDSPAR PORPHYRY/FELSITE As above but contains well developed Feldspar phenos to 3-4 mm, almost giving a snowflake appearance. Contains occasional blebs of chalcopyrite and minor tourmaline healing fractures.	136792 136793 136794	55.0 68.0 87.0	60.0 73.0 92.0	5.0 5.0 5.0	10 47 137	<0.2 <0.2 <0.2	1093 1388 1901	5 4 6	33 12 11	<0.2 <0.2 <0.2	10 9 53	<5 <5 <5	<5 <5 <5	5 3 3	6 3 3	30 31 31	3.13 2.60 1.94	586 587 420	34 26 22	26 22 13	45 38 29	
93.0	143.0	FELSITE?? ALTERED ANDESITE? Greenish grey in colour. Highly silicified. Andesite texture, grading into more andesitic rock at bottom of section. Chalcopyrite and pyrite on fractures.	136795 136796	110.0 132.0	115.0 137.0	5.0 5.0	10 31	<0.2 <0.2	3125 3853	6 3	20 27	<0.2 0.3	95 37	<5 <5	<5 5	<5 5	4 7	4 10	29 16	3.59 6.10	520 921	17 38	33 101	35 72
143.0	193.0	ANDESITE Green in colour. Locally fragmental texture. Variably silicified. Minor chalcopyrite and pyrite on fractures.	136797 136798 136799	154.0 177.0 192.0	159.0 182.0 197.0	5.0 5.0 5.0	42 28 39	<0.2 <0.2 0.3	4098 3176 5422	5 5 4	36 44 45	<0.2 <0.2 <0.2	7 5 128	<5 <5 <5	7 <5 5	<5 <5 <5	13 12 8	18 23 9	29 57 30	6.35 5.69 5.71	1194 1143 1106	35 40 41	160 181 76	115 155 88
193.0	305.0	FELSITE Highly siliceous. Light grey in appearance, resembling chert. Highly brecciated with tourmaline and 3-5% chalcopyrite to 197'. Overall uniform texture and appearance. Local net texture breccia with tourmaline healing fractures and up to 3-4% chalcopyrite.	136800 136801 136802 136803	220.0 245.0 261.0 287.0	225.0 250.0 266.0 292.0	5.0 5.0 5.0 5.0	127 143 42 19	0.2 0.3 0.6 <0.2	3740 4288 6528 2647	8 7 7 5	15 23 13 19	<0.2 <0.2 <0.2 <0.2	13 20 21 12	<5 6 <5 <5	<5 <5 6 5	<5 <5 <5 <5	3 3 6 3	7 9 9 5	24 32 36 40	2.08 3.22 4.36 2.88	287 442 523 585	27 36 28 16	23 52 55 32	27 52 56 29
305.0	315.0	BASALT/ANDESITE Fine grained. Dark green to grey in colour.	136804	308.0	313.0	5.0	<5	<0.2	1011	7	40	<0.2	4	<5	<5	<5	13	17	50	3.61	851	55	109	137
315.0	540.0	FELSITE As above.	136805 136806	333.0 356.0	338.0 361.0	5.0 5.0	16 25	0.4 0.3	3177 2882	9 8	16 20	<0.2 <0.2	24 21	13 <5	<5 <5	<5 <5	3 5	14 8	29 26	2.09 2.63	601 429	25 34	24 29	48 39

Project 635

Hole DH-92 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Tl %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
136791	8	11	<10	<20	<20	1.77	1.43	0.61	0.06	0.47	5	20	0.03	<10	<5	<1	9
136792	10	14	<10	<20	<20	0.87	1.20	1.49	0.06	0.23	4	8	<0.01	<10	<5	<1	6
136793	13	12	<10	<20	<20	0.40	0.68	1.52	0.08	0.14	3	3	<0.01	<10	<5	<1	7
136794	10	11	<10	<20	<20	0.35	0.53	1.28	0.09	0.15	<2	2	<0.01	<10	<5	<1	6
136795	11	10	<10	<20	<20	1.10	1.06	1.49	0.08	0.09	5	8	<0.01	<10	<5	<1	6
136796	11	9	<10	<20	<20	1.42	1.54	2.16	0.06	0.30	7	17	0.02	<10	6	1	3
136797	11	4	<10	<20	<20	1.49	1.99	2.87	0.09	0.30	7	18	0.06	<10	14	<1	2
136798	12	5	<10	<20	<20	1.65	2.06	2.97	0.10	0.26	7	19	0.05	<10	18	1	2
136799	11	4	<10	<20	<20	1.34	1.70	2.22	0.06	0.18	5	13	<0.01	<10	8	1	4
136800	10	9	<10	<20	<20	0.55	0.84	0.62	0.09	0.23	5	4	0.02	<10	<5	<1	15
136801	9	12	<10	<20	<20	0.53	0.96	0.86	0.07	0.23	4	5	0.02	<10	<5	<1	11
136802	10	8	<10	<20	<20	0.66	1.19	1.70	0.09	0.16	4	6	<0.01	<10	6	<1	5
136803	11	13	<10	<20	<20	0.34	0.82	1.28	0.10	0.10	3	2	<0.01	<10	<5	<1	4
136804	10	11	<10	<20	<20	1.74	2.01	2.60	0.05	0.47	9	19	0.01	<10	14	<1	4
136805	13	11	<10	<20	<20	0.57	1.17	2.06	0.07	0.21	4	4	<0.01	<10	<5	<1	6
136806	13	14	<10	<20	<20	0.92	0.90	1.23	0.06	0.26	5	6	<0.01	<10	<5	<1	7

Project 635

Hole DH-92 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
136807	9	10	<10	<20	<20	0.82	0.47	1.24	0.05	0.20	3	5	<0.01	<10	<5	<1	7
136808	7	6	<10	<20	<20	1.39	1.92	2.80	0.04	0.28	7	17	<0.01	<10	13	<1	4
136809	12	8	<10	<20	<20	0.82	1.42	1.86	0.06	0.17	<2	6	<0.01	<10	<5	<1	3
136810	10	13	<10	<20	<20	1.45	1.37	0.80	0.08	0.20	8	11	0.01	<10	<5	<1	4
136811	11	14	<10	<20	<20	0.92	1.26	1.10	0.09	0.13	7	8	0.01	<10	<5	<1	4
136812	10	12	<10	<20	<20	0.69	1.20	1.24	0.09	0.09	5	4	<0.01	<10	<5	<1	4
136813	10	5	<10	<20	<20	1.89	2.31	2.63	0.07	0.37	9	20	0.06	<10	16	<1	2
136814	8	11	<10	<20	<20	0.75	1.24	1.58	0.08	0.13	3	6	<0.01	<10	<5	<1	3
136815	10	13	<10	<20	<20	0.68	1.23	1.59	0.08	0.15	5	5	<0.01	<10	<5	<1	4
136816	10	5	<10	<20	<20	1.35	1.87	3.10	0.09	0.14	8	13	0.03	<10	9	<1	1

Project 635

Hole DH-78 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
19740	153	7	6	<10	<20	<20	1.95	2.24	3.06	0.04	0.09	8	18	0.02	<10	14	1	2
19741	109	6	7	<10	<20	<20	2.13	2.53	4.01	0.02	0.03	7	20	<0.01	<10	14	2	2
19742	38	4	4	<10	<20	<20	1.63	1.84	1.82	0.03	0.12	3	15	<0.01	<10	<5	1	5
19743	117	8	10	<10	<20	<20	1.98	2.67	4.96	0.07	0.27	8	23	0.05	<10	14	1	3
19744	141	6	10	<10	<20	<20	2.45	2.68	5.37	0.04	0.20	8	31	0.06	<10	15	1	2
19745	109	5	4	<10	<20	<20	2.10	2.51	4.24	0.08	0.50	8	21	0.16	<10	10	<1	2
19746	151	5	6	<10	<20	<20	2.06	2.74	2.41	0.15	0.15	8	17	0.21	<10	6	<1	7
19747	137	5	4	<10	<20	<20	2.43	2.77	5.06	0.07	0.38	9	28	0.14	<10	10	<1	2
19748	157	5	5	<10	<20	<20	2.13	2.56	4.66	0.09	0.35	8	21	0.11	<10	12	1	3
19749	129	8	5	<10	<20	<20	1.28	1.99	3.83	0.07	0.18	5	13	0.07	<10	10	<1	2
19750	94	6	10	<10	<20	<20	2.53	2.28	3.83	0.02	0.04	5	26	<0.01	<10	12	2	2
19751	165	5	5	<10	<20	<20	1.67	2.29	4.80	0.11	0.22	7	15	0.09	<10	13	1	4
19752	136	7	11	<10	<20	<20	1.75	2.23	4.93	0.03	0.12	8	20	0.02	<10	15	2	2
19753	137	8	5	<10	<20	<20	1.44	2.04	5.07	0.06	0.26	6	10	0.02	<10	14	1	<1
19754	114	8	4	<10	<20	<20	2.18	2.17	3.83	0.05	0.25	7	12	0.02	<10	15	<1	<1
19755	100	6	3	<10	<20	<20	0.85	2.09	3.88	0.03	0.14	3	6	<0.01	<10	15	1	<1

Project 635

Hole DH-78 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
19756	97	8	3	<10	<20	<20	1.15	1.99	4.94	0.04	0.16	5	8	<0.01	<10	9	1	<1
19757	70	9	4	<10	<20	<20	2.24	2.52	4.46	0.04	0.11	7	16	0.01	<10	12	1	<1
19758	143	6	7	<10	<20	<20	1.98	2.00	6.50	0.03	0.17	7	12	0.01	<10	18	<1	<1
19759	122	7	7	<10	<20	<20	2.49	2.36	5.18	0.04	0.14	10	15	0.03	<10	18	<1	<1
19760	128	7	4	<10	<20	<20	2.12	2.21	4.43	0.04	0.19	8	11	<0.01	<10	16	<1	<1
19761	175	6	6	<10	<20	<20	2.42	2.25	5.09	0.07	0.19	10	17	0.07	<10	19	<1	3
19762	163	8	7	<10	<20	<20	2.48	2.18	4.80	0.07	0.14	10	15	0.05	<10	21	<1	2
19763	218	6	7	<10	<20	<20	2.49	2.25	6.49	0.12	0.14	9	26	0.05	<10	21	<1	3
19764	115	7	6	<10	<20	<20	2.19	2.00	4.04	0.07	0.13	10	15	0.04	<10	17	<1	2
19765	129	6	5	<10	<20	<20	2.35	2.24	5.00	0.07	0.18	9	19	0.06	<10	16	<1	3
19766	162	6	6	<10	<20	<20	2.38	2.13	5.73	0.07	0.15	10	21	0.09	<10	17	<1	5
19767	176	6	7	<10	<20	<20	2.32	2.13	6.26	0.04	0.08	10	23	0.05	<10	20	<1	2

Project 635

Hole DH-75 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
19777	6	5	<10	<20	<20	0.81	1.58	3.22	0.05	0.11	5	7	<0.01	<10	<5	<1	3
19778	7	7	<10	<20	<20	0.53	0.94	2.54	0.07	0.16	5	3	<0.01	<10	<5	<1	3
19779	6	6	<10	<20	<20	0.52	1.13	2.39	0.06	0.17	4	3	<0.01	<10	<5	<1	3
19780	9	8	<10	<20	<20	0.81	1.52	3.30	0.05	0.21	5	5	<0.01	<10	<5	<1	3
19781	7	6	<10	<20	<20	0.41	1.11	2.61	0.04	0.22	<2	2	<0.01	<10	<5	<1	4
19782	7	5	<10	<20	<20	0.37	1.09	2.31	0.06	0.16	2	2	<0.01	<10	<5	<1	4
19783	6	5	<10	<20	<20	0.30	0.99	2.04	0.07	0.14	3	1	<0.01	<10	<5	<1	3
19784	9	9	<10	<20	<20	0.95	1.30	2.46	0.06	0.25	5	5	<0.01	<10	7	<1	2
19785	11	11	<10	<20	<20	1.37	1.33	3.38	0.05	0.25	4	9	<0.01	<10	<5	<1	2
19786	7	5	<10	<20	<20	0.68	1.46	2.27	0.05	0.29	5	4	<0.01	<10	7	<1	2
19787	6	7	<10	<20	<20	0.53	1.27	2.12	0.05	0.19	3	3	<0.01	<10	<5	<1	2
19788	7	8	<10	<20	<20	1.08	1.50	2.75	0.03	0.27	5	8	<0.01	<10	5	<1	2
19789	9	12	<10	<20	<20	1.32	1.19	3.24	0.05	0.23	6	9	<0.01	<10	<5	<1	1
19790	8	9	<10	<20	<20	1.74	1.98	3.88	0.06	0.29	9	13	0.02	<10	12	<1	2
19791	6	9	<10	<20	<20	2.75	2.41	1.76	0.04	0.18	9	27	0.03	<10	8	<1	1
19792	5	6	<10	<20	<20	0.84	0.81	2.18	0.06	0.20	4	6	<0.01	<10	<5	<1	2

Project 635

Hole DH-75 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
19793	7	8	<10	<20	<20	1.50	1.26	3.16	0.05	0.25	6	11	<0.01	<10	<5	<1	2
19794	9	10	<10	<20	<20	1.66	1.37	2.99	0.04	0.27	5	14	<0.01	<10	<5	<1	1
19795	8	8	<10	<20	<20	1.73	1.53	3.42	0.04	0.25	7	15	<0.01	<10	<5	<1	2
19796	8	8	<10	<20	<20	2.95	2.33	1.96	0.03	0.24	9	25	<0.01	<10	<5	<1	<1
19797	8	7	<10	<20	<20	2.08	1.27	3.74	0.07	0.37	8	10	<0.01	<10	<5	<1	1
19798	8	6	<10	<20	<20	1.91	1.35	3.50	0.04	0.26	8	12	<0.01	<10	<5	<1	<1
19799	8	9	<10	<20	<20	1.84	1.15	3.91	0.06	0.25	8	9	<0.01	<10	<5	<1	2
19800	9	9	<10	<20	<20	1.37	1.61	2.22	0.08	0.08	8	8	0.13	<10	6	<1	4
19801	9	8	<10	<20	<20	1.08	1.42	1.95	0.06	0.10	7	7	0.06	<10	5	<1	5
19802	9	6	<10	<20	<20	3.22	2.70	3.57	0.03	0.14	14	32	0.01	<10	19	<1	<1
19803	9	6	<10	<20	<20	2.54	2.15	4.38	0.03	0.15	11	22	<0.01	<10	14	<1	<1
19804	9	3	<10	<20	<20	2.28	1.97	4.23	0.04	0.23	9	13	0.03	<10	17	<1	<1
19805	9	3	<10	<20	<20	2.20	1.80	3.58	0.05	0.24	9	12	0.04	<10	16	<1	<1
19806	9	6	<10	<20	<20	2.64	2.53	6.73	0.02	0.11	13	23	0.03	<10	17	<1	2

Project 635

Hole DH-74 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
19855	68	4	2	<10	<20	<20	2.43	2.30	2.34	0.22	0.62	8	15	0.17	<10	8	<1	2
19856	49	7	8	<10	<20	<20	1.87	2.22	2.45	0.04	0.07	11	19	0.02	<10	6	<1	6
19857	96	5	3	<10	<20	<20	2.58	2.69	3.61	0.07	0.45	13	29	0.20	<10	9	<1	2
19858	106	8	4	<10	<20	<20	1.72	2.16	3.09	0.09	0.21	7	13	0.06	<10	9	<1	2
19859	99	8	5	<10	<20	<20	1.49	1.98	2.92	0.09	0.09	6	14	0.05	<10	8	<1	2
19860	80	7	4	<10	<20	<20	1.12	1.73	3.03	0.12	0.09	5	9	0.11	<10	7	<1	3
19861	125	7	6	<10	<20	<20	1.79	2.22	3.47	0.09	0.17	10	16	0.08	<10	10	<1	3
19862	171	5	3	<10	<20	<20	1.86	2.39	5.07	0.08	0.12	9	23	0.12	<10	13	<1	4
19863	99	5	2	<10	<20	<20	2.40	2.62	3.40	0.10	0.65	10	21	0.20	<10	7	<1	2
19864	221	6	4	<10	<20	<20	2.07	2.38	5.42	0.11	0.17	8	21	0.09	<10	16	<1	3
19865	293	7	5	<10	<20	<20	2.00	2.61	6.96	0.04	0.14	10	23	0.02	<10	21	<1	2
19866	271	8	5	<10	<20	<20	0.62	2.33	6.68	0.02	0.37	5	3	<0.01	<10	22	<1	1
19867	193	7	4	<10	<20	<20	1.99	2.22	5.62	0.10	0.18	9	20	0.08	<10	18	<1	4
19868	181	10	5	<10	<20	<20	2.37	2.20	5.16	0.05	0.07	11	22	0.01	<10	17	<1	1
19869	179	8	4	<10	<20	<20	2.99	2.58	6.25	0.02	0.20	12	32	0.02	<10	17	<1	<1
19870	246	7	4	<10	<20	<20	2.39	2.48	5.65	0.08	0.27	10	23	0.08	<10	17	<1	3
19871	229	6	3	<10	<20	<20	2.11	2.35	5.86	0.12	0.37	8	15	0.11	<10	16	<1	5
19872	198	7	4	<10	<20	<20	1.50	2.39	4.74	0.06	0.24	11	17	0.04	<10	17	<1	3

Project 635

Hole DH-74 Drill Samples Analyses (part 2)

Sample ID	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
19873	134	7	5	<10	<20	<20	0.40	2.03	4.96	0.04	0.20	3	1	<0.01	<10	<5	<1	2
19874	73	10	6	<10	<20	<20	0.50	1.18	2.32	0.05	0.20	<2	2	<0.01	<10	<5	<1	3
19875	81	7	3	<10	<20	<20	0.60	1.14	2.09	0.04	0.18	3	3	<0.01	<10	6	<1	2
19876	135	10	3	<10	<20	<20	0.64	1.44	3.03	0.02	0.25	4	3	<0.01	<10	<5	<1	3
19877	101	14	9	<10	<20	<20	0.56	1.03	2.27	0.05	0.29	3	1	<0.01	<10	<5	<1	3
19878	84	13	10	<10	<20	<20	0.60	0.93	1.56	0.06	0.37	3	1	<0.01	<10	<5	<1	3
19879	90	8	4	<10	<20	<20	0.38	1.24	2.75	0.05	0.19	2	<1	<0.01	<10	<5	<1	2
19880	293	7	5	<10	<20	<20	2.26	2.51	6.69	0.04	0.31	11	29	0.06	<10	20	<1	2
19881	145	7	11	<10	<20	<20	2.49	2.67	4.11	0.04	0.24	10	31	0.06	<10	15	1	2
19882	181	6	7	<10	<20	<20	1.93	2.42	5.07	0.08	0.21	6	22	0.11	<10	14	1	3
19883	142	7	12	<10	<20	<20	1.92	2.60	5.27	0.05	0.14	6	23	0.13	<10	13	2	3
19884	120	6	8	<10	<20	<20	2.15	2.52	5.58	0.11	0.27	8	20	0.18	<10	11	1	4
19885	129	6	8	<10	<20	<20	2.32	2.75	5.69	0.08	0.30	8	23	0.15	<10	17	1	3

DISCOVERY CONSULTANTS
Drill Log

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,202

Co-ords: Drill type & size: AQ Hole No: DH-73
 Azimuth: Property: Gnat Pass
 Dip: Dip tests: Location: Gnat Pass
 Elevation: Date St.:
 Date Fin:
 Length: 601' file: 635\geodata\dh_073.wk4
 Section: Logged by: T.Carpenter
 Purpose: Date Logged: 96.09
 Reference: v96-01518.0

Interval From	To	Description	Sample ID	Sample Interval from to	Length m	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm
0.0	24.0	Casing?																					
24.0	34.0	ANDESITE Fine grained aphanitic reticulate fractured Pyritic. Oxidized weakly to 27.																					
34.0	140.0	Pale grey typical FELDSPAR PORPHYRY Closely packed. Slightly seriate main phase Feldspar Porphyry. Very fine grained disseminated pyrite. 34.0- 44.0 Chilled margin.	19829	35.0 40.0	5.0	7	<0.2	80	<2	23	<0.2	2	<5	<5	6	9	13	29	3.27	1635	58	33	136
			19830	55.0 60.0	5.0	9	<0.2	380	<2	13	<0.2	2	<5	<5	5	4	11	37	3.16	797	35	31	147
			19831	80.0 85.0	5.0	12	<0.2	356	<2	12	<0.2	2	<5	<5	<5	6	12	34	2.91	904	28	34	81
			19832	100.0 105.0	5.0	6	<0.2	175	<2	11	<0.2	3	9	<5	<5	4	8	57	2.64	919	35	34	92
			19833	113.0 118.0	5.0	<5	<0.2	229	<2	13	<0.2	<1	<5	<5	<5	4	7	56	2.33	562	31	28	99
140.0	222.0	ANDESITE Fine grained, grey to olive, in part aphanitic. Deep oxidation here to 222'. Breccia zone increasing downwards. Striped fractures and envelopes below 190' with a few breccia patches. Mainly clay ± CO3 alteration, some tourmaline with weak chalcopyrite. Minor pyrite throughout. 140.0-152.0 Rusty pervasive alteration and clay - CO3 or chilled dyke margin. 190.0-216.0 Reticulate fractures 216.0-222.0 Mosaic breccia	19834	150.0 155.0	5.0	14	0.4	3169	<2	30	<0.2	3	<5	<5	<5	9	9	20	4.64	1353	75	65	166
			19835	165.0 170.0	5.0	<5	<0.2	227	<2	33	<0.2	2	<5	<5	9	4	19	18	4.92	1133	53	45	194
			19836	184.0 189.0	5.0	<5	<0.2	251	<2	44	<0.2	5	<5	<5	<5	6	21	8	5.53	1387	66	96	172
			19837	210.0 215.0	5.0	<5	<0.2	438	<2	55	<0.2	4	<5	<5	<5	7	31	18	5.40	1169	31	85	119
222.0	254.0	DYKE. ANDESITE Steep contact ~20° To C.A. - a few hematite fractures and CO3 veins.	19838	230.0 235.0	5.0	<5	<0.2	48	<2	91	<0.2	1	<5	<5	6	6	22	9	6.33	1271	505	136	69
			19839	245.0 250.0	5.0	<5	<0.2	100	<2	84	<0.2	1	<5	<5	<5	3	19	14	5.21	1425	325	118	128
254.0	327.0	ANDESITE PORPHYRY Variety: aphanitic grey matrix with rare to sparse feldspar phenos (white or pink). Variably altered in 1-15' zones of clay and CO3, pink pervasive alteration etc. 270.0-275.0 bleached 285.0-288.0 feldspar dykelet (pink) 317.0-319.0 feldspar dykelet Zone is reticulate fractured with pink pervasive	19840	263.0 268.0	5.0	<5	<0.2	240	<2	74	<0.2	2	<5	<5	9	8	26	16	5.48	945	58	67	103
			19841	290.0 295.0	5.0	12	<0.2	2398	<2	45	<0.2	2	<5	<5	6	4	14	16	4.45	1236	62	44	122
			19842	315.0 320.0	5.0	<5	<0.2	211	<2	43	<0.2	<1	<5	<5	<5	14	18	40	4.57	1171	71	66	115

Project 635

Hole DH-73 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
19829	11	5	<10	<20	<20	0.65	1.44	3.94	0.04	0.25	6	5	<0.01	<10	7	<1	<1
19830	10	4	<10	<20	<20	0.45	1.04	2.39	0.04	0.29	4	1	<0.01	<10	5	<1	2
19831	10	3	<10	<20	<20	0.57	1.21	2.37	0.05	0.31	5	2	<0.01	<10	6	<1	2
19832	9	4	<10	<20	<20	0.44	1.11	2.33	0.04	0.24	4	1	<0.01	<10	6	<1	2
19833	8	6	<10	<20	<20	0.48	1.00	2.21	0.04	0.24	3	1	<0.01	<10	6	<1	3
19834	8	3	<10	<20	<20	0.68	1.77	4.12	0.03	0.36	5	3	<0.01	<10	15	<1	<1
19835	8	4	<10	<20	<20	0.74	1.62	4.17	0.02	0.38	5	4	<0.01	<10	10	1	<1
19836	9	4	<10	<20	<20	1.25	1.84	3.92	0.04	0.34	7	9	<0.01	<10	14	<1	<1
19837	11	9	<10	<20	<20	1.65	1.78	3.78	0.04	0.25	7	16	<0.01	<10	9	<1	1
19838	7	6	<10	<20	<20	2.80	2.52	2.39	0.04	0.17	12	26	0.02	<10	9	1	2
19839	9	7	<10	<20	<20	2.22	2.06	3.83	0.04	0.20	12	17	0.03	<10	8	<1	3
19840	10	8	<10	<20	<20	1.67	1.67	3.08	0.04	0.28	8	15	<0.01	<10	6	<1	3
19841	11	9	<10	<20	<20	0.91	1.48	4.11	0.04	0.29	6	8	<0.01	<10	6	<1	3
19842	10	7	<10	<20	<20	0.98	1.92	3.77	0.05	0.21	5	10	<0.01	<10	8	<1	2

DISCOVERY CONSULTANTS
Drill Log

Co-ords:	Drill type & size: AQ	Hole No: DH-73
Azimuth:		Property: Gnat Pass
Dip:	Dip tests:	Location: Gnat Pass
Elevation:		Date St.:
		Date Fin:
Length: 601'	file: 635geodata\dh_073.wk4	
Section:		Logged by: T.Carpenter
Purpose:		Date Logged: 96.09
	Reference: v96-01518.0	

Interval From	To	Description	Sample ID	Sample Interval from to	Length m	Au30 ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm	Ba ppm	V ppm	Sr ppm	
		envelopes. Weak pyrite throughout and trace chalcopyrite. Rare black (tourmaline?) fractures.	19843	324.0 329.0	5.0	13	0.3	8085	<2	43	0.3	51	200	8	<5	79	26	243	4.97	1592	52	75	233	
327.0	365.0	BRECCIA ZONE in ANDESITE Clay altered matrix with fractures and veins of quartz and CO3. 342.0-344.0 Andesite dyke finger. Trace to weak/moderate chalcopyrite. Possibly some tourmaline. Below 330' -Trace hematite, chlorite.																						
365.0	415.0	Fine grained post ore ANDESITE DYKE Slightly porphyritic with mafics in core. Amygdaloidal and with a few calcite veins in fractures and related bleached selvages.																						
		365.0-375.0 Bleached altered margin with calcite/CO3 ± quartz veinlets.	19844	365.0 370.0	5.0	<5	<0.2	112	<2	85	<0.2	1	<5	<5	6	2	15	19	4.81	1378	198	51	290	
		Contact crushed and fractured - milled to 335', some brecciation.	19845	380.0 385.0	5.0	<5	<0.2	64	<2	73	<0.2	1	<5	<5	<5	6	18	9	5.06	1288	33	124	113	
			19846	400.0 405.0	5.0	<5	<0.2	43	<2	68	<0.2	3	<5	<5	<5	184	28	295	4.61	1558	684	142	245	
			19847	411.0 415.0	4.0	<5	<0.2	45	<2	64	<0.2	<1	<5	<5	<5	68	20	86	4.78	1146	59	116	135	
415.0	493.0	Crushed FAULT ZONE 415.0-475.0 crushed gouge 420.0-441.0 Probably Feldspar Porphyry originally. Now totally smashed. 475.0-493.0 Milled chips. Fault. Feldspar Porphyry - buff clay altered zone.																						
			19848	451.0 456.0	5.0	6	<0.2	908	<2	53	<0.2	3	<5	<5	6	9	15	17	5.21	1201	121	87	163	
			19849	485.0 490.0	5.0	11	0.4	832	<2	69	0.2	7	<5	<5	<5	11	38	22	5.88	1526	20	102	123	
493.0	522.5	Grey green ANDESITE Trace chalcopyrite -nil. Progressively more crushed uphole.	19850	510.0 515.0	5.0	<5	<0.2	288	<2	64	<0.2	2	<5	<5	5	8	17	18	5.47	1615	20	110	169	
522.5	528.0	As above Fine granular. Post-ore. Andesite Dyke.	19851	525.0 530.0	5.0	<5	<0.2	110	<2	59	<0.2	4	<5	<5	<5	52	22	69	5.07	1316	92	105	181	
528.0	589.0	ANDESITE Grey green volcanic. Locally crushed 551-556' and 534-537'. Weak clay alteration (faulted).	19852	550.0 555.0	5.0	<5	<0.2	672	<2	79	0.3	3	<5	<5	<5	6	15	33	5.46	1290	34	75	86	
			19853	565.0 570.0	5.0	<5	<0.2	2227	<2	80	<0.2	2	<5	<5	<5	8	19	17	6.47	1885	66	76	102	

Project 635

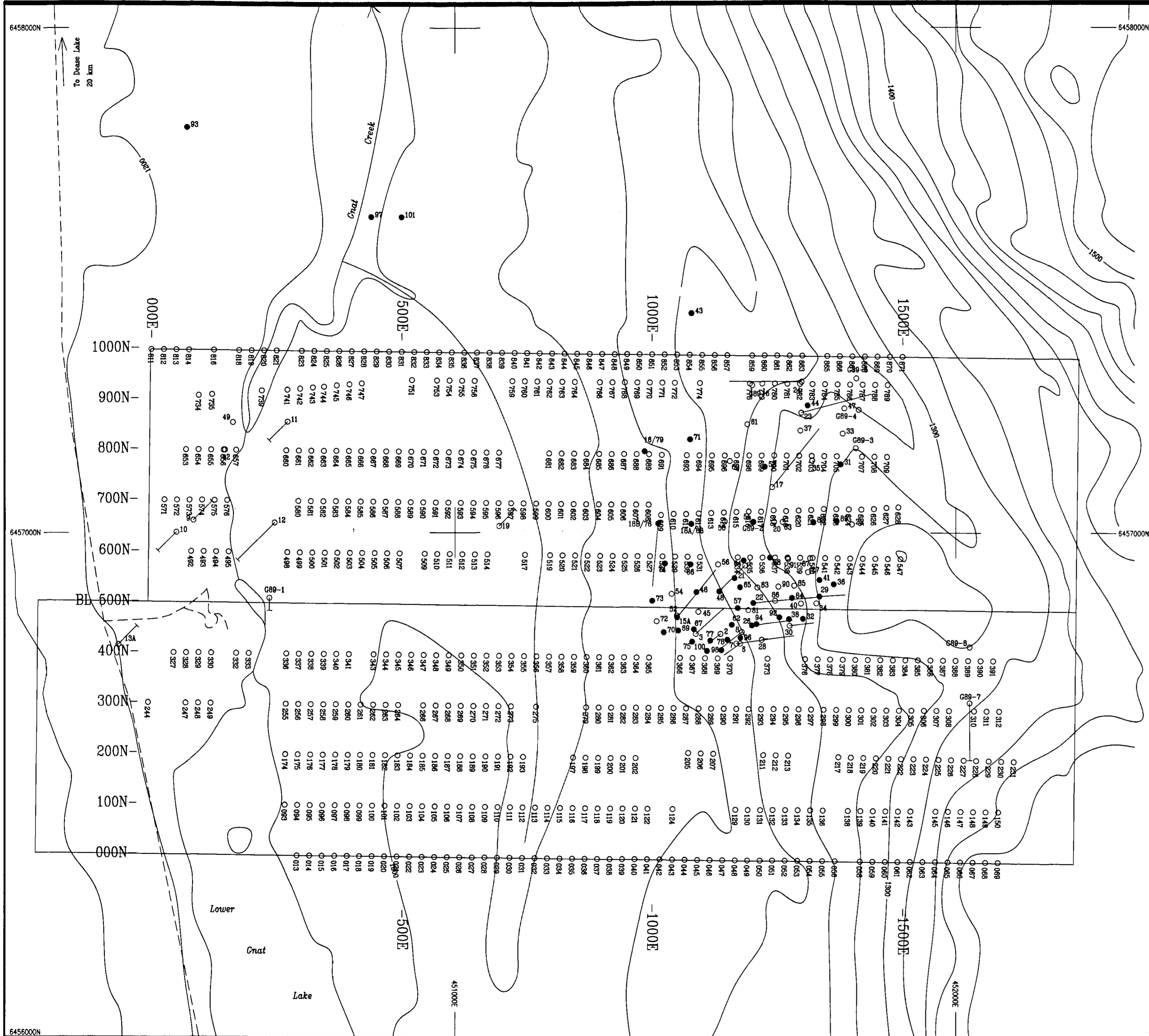
Hole DH-73 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
19843	6	5	<10	<20	<20	1.18	2.73	6.91	0.04	0.25	8	18	0.01	<10	22	1	2
19844	7	4	<10	<20	<20	0.60	1.80	4.00	0.03	0.28	5	3	<0.01	<10	8	<1	1
19845	8	6	<10	<20	<20	1.53	2.06	4.27	0.04	0.26	8	17	<0.01	<10	11	<1	2
19846	6	7	<10	<20	<20	3.32	2.93	6.60	0.03	0.06	12	40	0.04	<10	17	<1	2
19847	8	7	<10	<20	<20	2.44	2.53	4.12	0.05	0.17	11	22	0.05	<10	9	<1	3
19848	12	8	<10	<20	<20	1.44	1.77	3.48	0.03	0.26	8	10	0.01	<10	11	<1	2
19849	12	8	<10	<20	<20	1.60	1.82	3.73	0.04	0.23	8	13	0.02	<10	12	<1	3
19850	12	8	<10	<20	<20	2.04	1.94	4.67	0.05	0.22	13	17	0.01	<10	12	<1	2
19851	11	10	<10	<20	<20	2.81	2.57	3.19	0.07	0.34	13	28	0.04	<10	7	<1	2
19852	10	9	<10	<20	<20	2.23	1.84	2.52	0.04	0.27	11	19	0.02	<10	<5	<1	2
19853	12	10	<10	<20	<20	2.64	2.23	3.53	0.04	0.21	12	25	0.03	<10	<5	<1	2

Project 635

Hole DH-73 Drill Samples Analyses (part 2)

Sample ID	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %	Ga ppm	Li ppm	Ti %	Ta ppm	Sc ppm	Nb ppm	Zr ppm
19854	8	9	<10	<20	<20	2.52	2.88	4.99	0.04	0.13	12	35	0.02	<10	10	<1	2

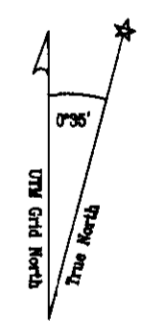


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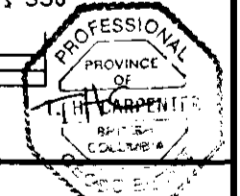
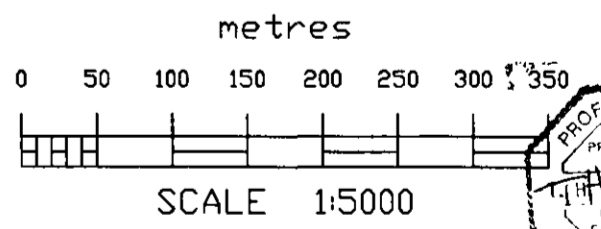
- ???? Soil sample location
- 101 Diamond drill hole location
- Indicates DDH re-sampled for Au and Cu
- note - Locations yet to be verified in field

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,202



Topographic contour interval = 100 feet



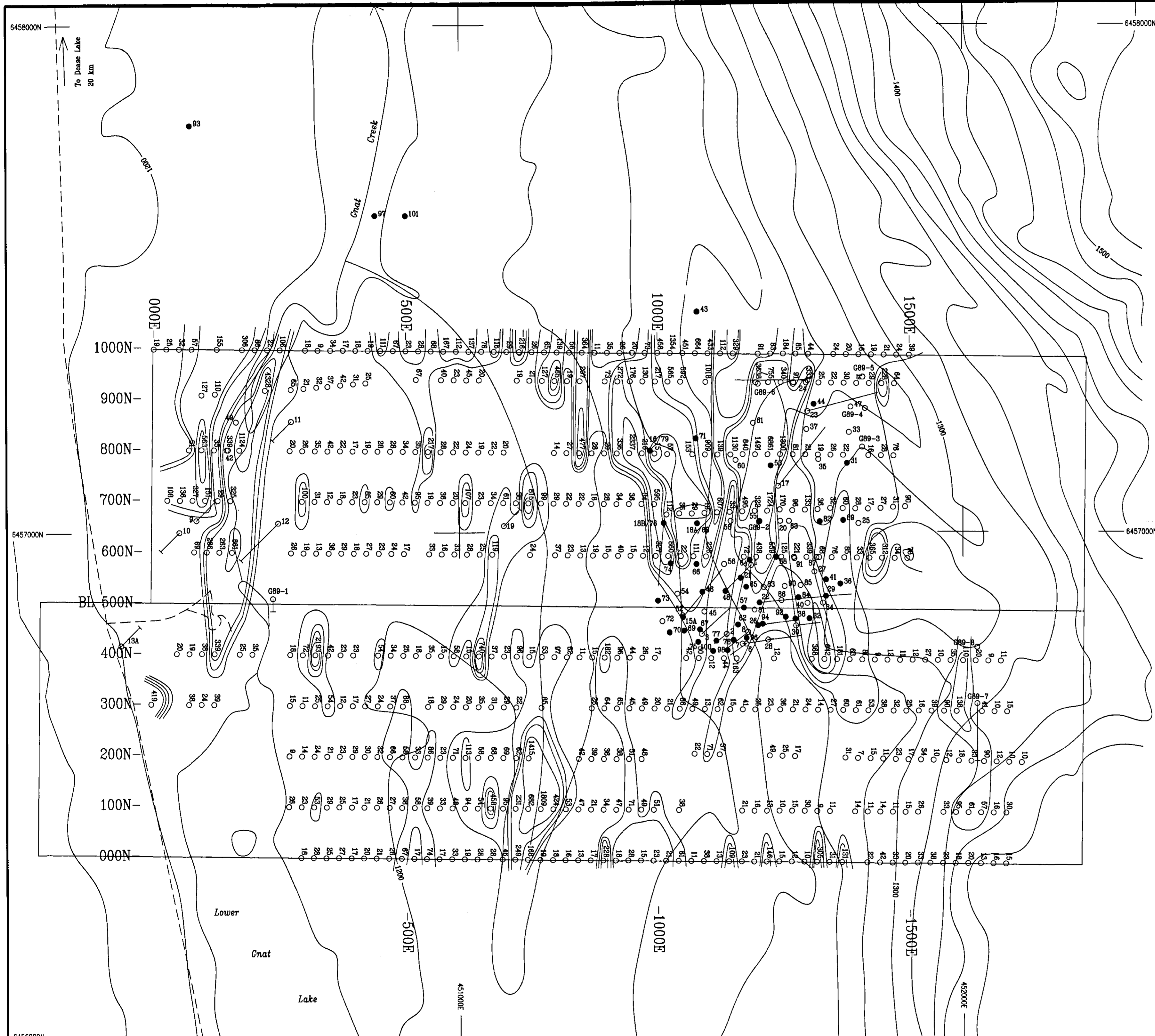
DISCOVERY Consultants

EVEREST MINES AND MINERALS LTD.

GNAT PASS PROPERTY
GEOCHEMICAL SOIL SURVEY
SAMPLE LOCATION MAP

MAP 1

Location:	Dease Lake	Mining Jurisdiction:	Liard
Datum:	NAD27	Map Ref.:	104I/5W
Scale:	1:5000	UTM:	9
Project:	635	Date:	Oct. 30, 1997
Drawn By:	RM	Figure:	3



LEGEND

- Soil sample location
- 25 Values shown in parts per million copper
- 50
100
200
400 Contour intervals = 50, 100, 200, & 400 ppm Cu
- 101 Diamond drill hole location
- Indicates DDH re-sampled for Au and Cu
- note - Locations yet to be verified in field

25,202

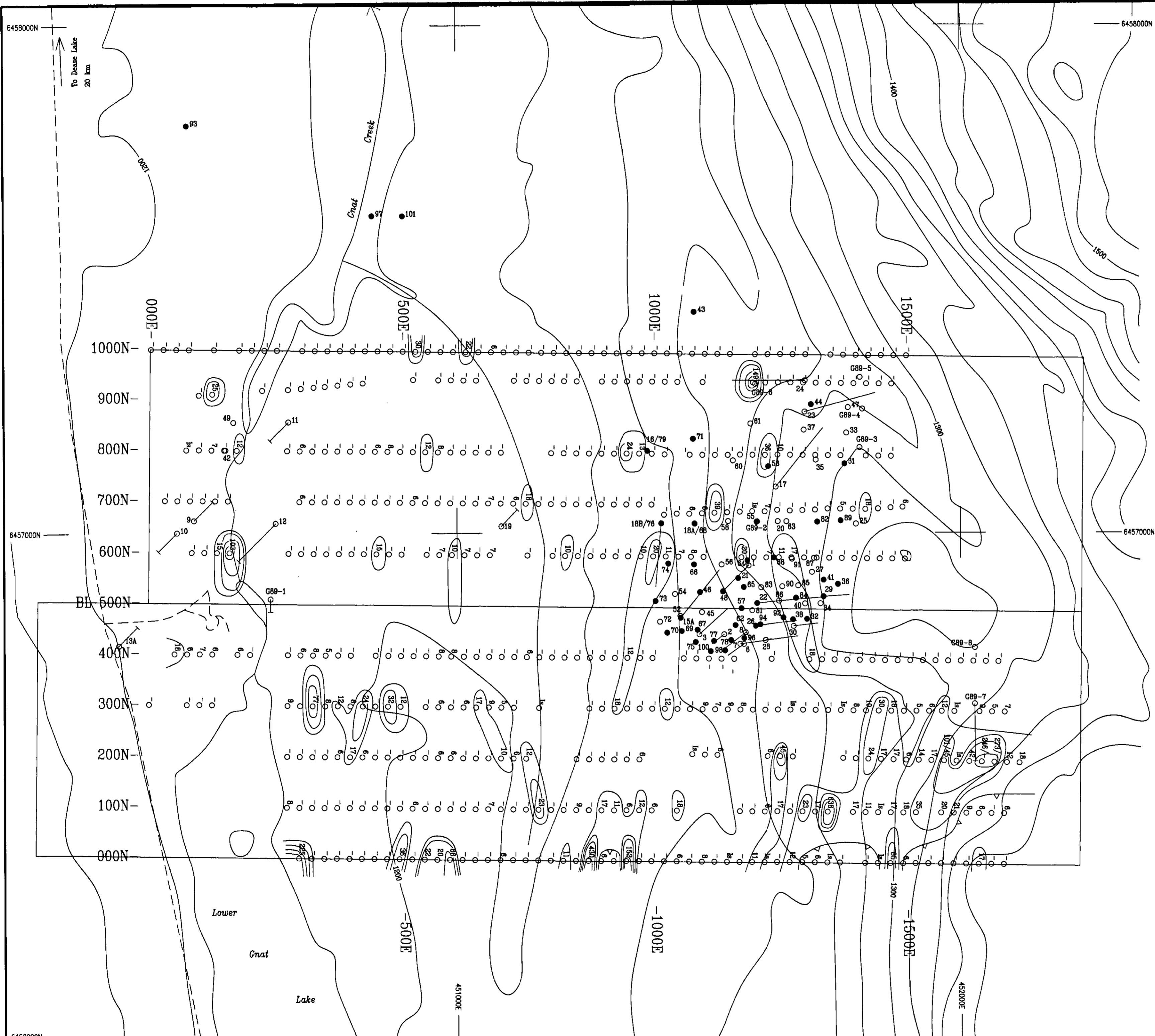
Topographic contour interval = 100 feet

metres

0 50 100 150 200 250 300 350

SCALE 1:5000

DISCOVERY Consultants			
EVEREST MINES AND MINERALS LTD.			
GNAT PASS PROPERTY GEOCHEMICAL SOIL SURVEY COPPER VALUES MAP 2			
Location:	Dease Lake	Mining Jurisdiction:	Liard
Datum:	NAD27	Map Ref.:	1041/5W
Scale:	1:5000	UTM:	9
Project:	635	Date:	Oct. 30, 1997
Drawn By:	RM	Figure:	4

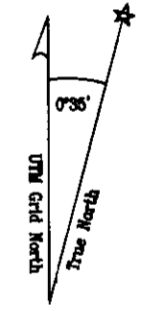


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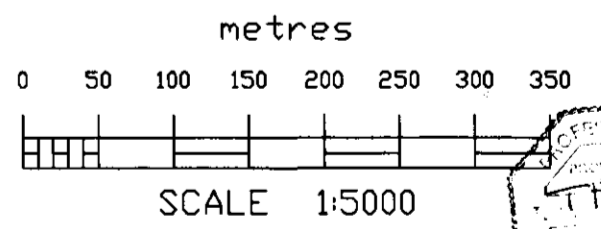
- Soil sample location
- 25 Values shown in parts per billion gold
- Indicates value less than 5 ppb
- 1a Insufficient -80 mesh material
- 273/- Duplicate analysis
- 10, 20, 40, 80 Contour intervals = 10, 20, 40, & 80 ppb Au
- 101 Diamond drill hole location
- Indicates DDH re-sampled for Au and Cu
- note - Locations yet to be verified in field

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,202



Topographic contour interval = 100 feet

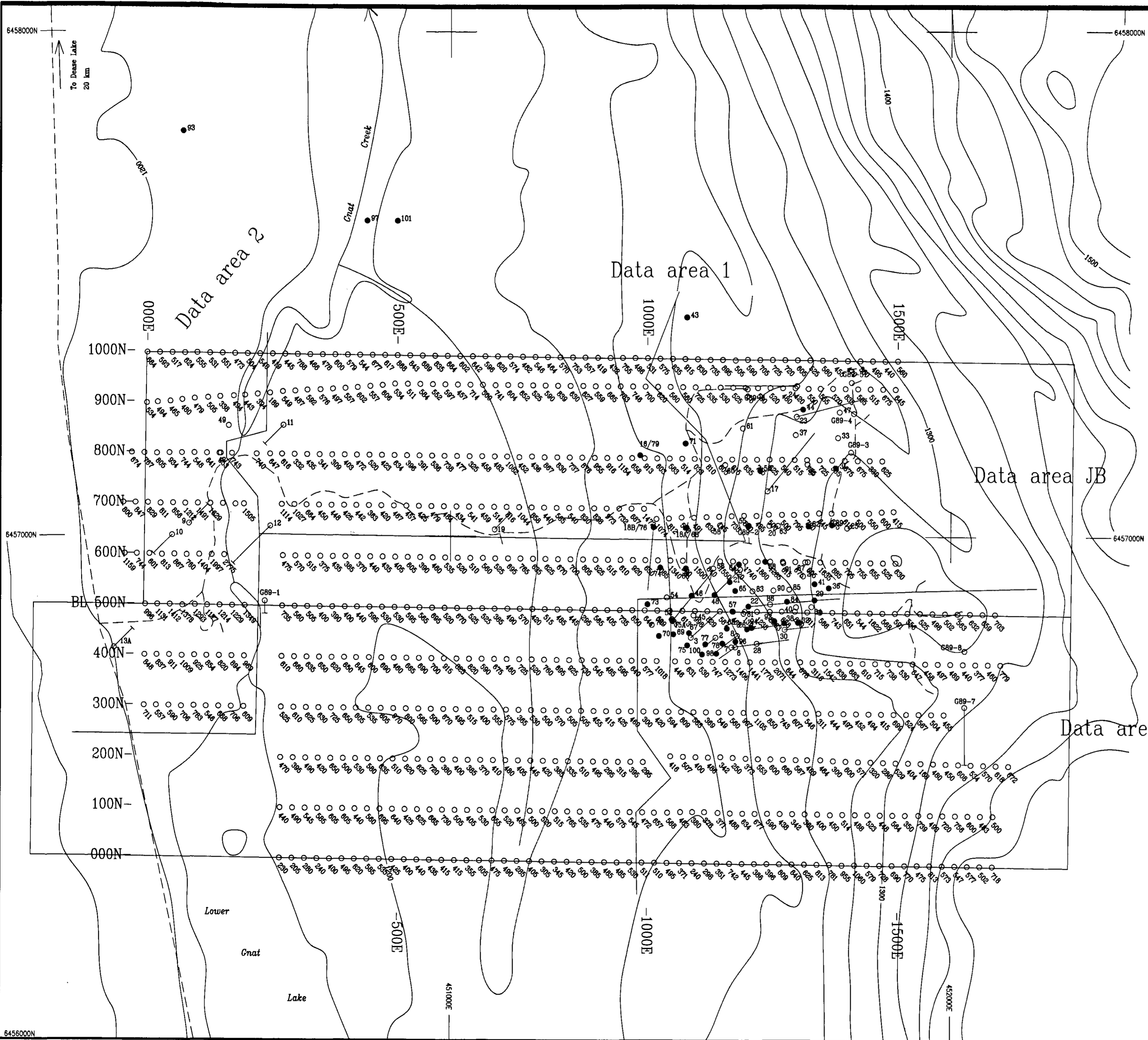


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GNAT PASS PROPERTY
GEOCHEMICAL SOIL SURVEY
GOLD VALUES **map 3**

Location:	Dease Lake	Mining Jurisdiction:	Liard
Datum:	NAD27	Map Ref.:	1041/5W
Scale:	1:5000	UTM:	9
Project:	635	Date:	Oct.30, 1997
Drawn By:	RM	Figure:	5

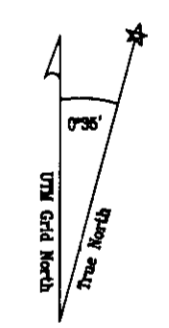


LEGEND

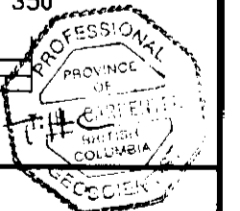
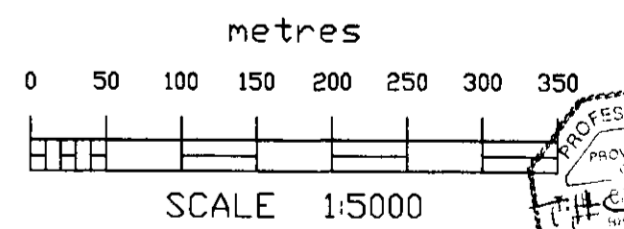
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,202

- 101 Diamond drill hole location
- Indicates DDH re-sampled for Au and Cu
- note - Locations yet to be verified in field
- 718 Grid mag survey location
Values shown in gammas
- Datum = 57000 gammas



Topographic contour interval = 100 feet



DISCOVERY Consultants

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GNAT PASS PROPERTY
Magnetometer Survey **MAP 4**

Location:	Dease Lake	Mining Jurisdiction:	Liard
Datum:	NAD27	Map Ref.:	1041/5W
Scale:	1:5000	UTM:	9
Project:	635	Date:	Oct.30, 1997
Drawn By:	RM	Figure:	6