



# DETAILED LOG

Hole Number: TL11119

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
9.61	135.36	BMS, Biotite Muscovite Schist	980828	11.72	13.22	1.50	0.06		1.00	20.00	493.0
		BMS with varied intensities of sericitization. Some areas resemble darker meta-seds. From 40-80m there is an abundance of F2 folds adjacent to fracture controlled veins. Within this; 40-59m; there is upgraded mineralization of various minerals (sulfides; bio; chl).	980829	39.00	40.50	1.50	0.02		0.50	28.00	122.0
			980831	40.50	42.00	1.50	0.01		0.50	34.00	154.0
			980832	42.00	43.00	1.00	0.02		0.50	38.00	640.0
			980833	43.00	44.00	1.00	0.03		2.00	48.00	145.0
			980834	44.00	45.00	1.00	0.03		0.50	40.00	219.0
			980835	45.00	46.00	1.00	0.02		0.50	36.00	212.0
			980836	46.00	47.00	1.00	0.02		1.00	29.00	183.0
			980837	47.00	48.00	1.00	0.01		0.50	19.00	64.0
			980838	48.00	49.00	1.00	0.04		1.00	21.00	235.0
			980839	49.00	50.00	1.00	0.02		1.00	33.00	168.0
			980841	50.00	51.00	1.00	0.01		3.00	71.00	151.0
			980842	51.00	52.50	1.50	0.02		0.50	20.00	114.0
			980843	52.50	54.00	1.50	0.04		0.50	13.00	64.0
			980844	54.00	55.50	1.50	0.29		0.50	14.00	38.0
			980846	55.50	57.00	1.50	0.01		0.50	14.00	22.0
			980845	55.50	57.00	1.50	0.02		0.50	16.00	24.0
			980847	57.00	58.50	1.50	0.01		0.50	16.00	78.0
			980848	63.00	64.50	1.50	0.01		0.50	8.00	65.0
			980849	64.50	66.00	1.50	0.02		0.50	14.00	46.0
			980851	66.00	67.00	1.00	0.01		2.00	22.00	37.0
			980852	67.00	68.00	1.00	0.01		0.50	17.00	63.0
			980853	68.00	69.00	1.00	0.01		0.50	14.00	45.0
			980854	69.00	70.50	1.50	0.00		0.50	12.00	88.0
			980855	70.50	72.00	1.50	0.04		2.00	19.00	66.0
			980856	88.00	88.50	0.50	1.29		6.00	11.00	56.0
			980857	88.50	90.00	1.50	0.01		0.50	9.00	48.0
			980858	99.00	100.50	1.50	0.14		0.50	28.00	174.0
			980859	100.50	102.00	1.50	0.02		0.50	25.00	77.0
			980861	102.00	103.50	1.50	0.01		0.50	13.00	68.0
			980862	103.50	105.00	1.50	0.03		0.50	16.00	36.0
			980863	105.00	106.00	1.00	0.01		0.50	48.00	196.0
			980864	106.00	107.50	1.50	0.01		0.50	36.00	100.0
			980866	107.50	109.00	1.50	0.01		1.00	22.00	71.0
			980865	107.50	109.00	1.50	0.01		1.00	21.00	71.0
			980867	134.00	135.36	1.36	0.11		0.50	89.00	156.0

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Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
135.36	151.93	MSS, Muscovite Sericite Schist MSS where transition between previous BMS contains abundant mineralization. Less mineralization in strong sericitized zone; but is also heavily silicified.	980868	135.36	136.11	0.75	0.55		3.00	262.00	2039.0
			980869	136.11	136.86	0.75	0.44		2.00	111.00	272.0
			980871	136.86	138.00	1.14	0.30		0.50	26.00	67.0
			980872	138.00	139.00	1.00	0.05		2.00	27.00	86.0
			980873	139.00	140.00	1.00	0.07		1.00	47.00	79.0
			980874	140.00	141.00	1.00	0.06		0.50	45.00	64.0
			980875	141.00	142.00	1.00	0.02		0.50	18.00	16.0
			980876	142.00	143.00	1.00	0.03		0.50	16.00	38.0
			980877	143.00	144.00	1.00	0.01		0.50	7.00	15.0
			980878	144.00	145.00	1.00	0.01		0.50	16.00	72.0
			980879	145.00	146.00	1.00	0.01		0.50	28.00	194.0
			980881	146.00	147.00	1.00	0.01		1.00	17.00	78.0
			980882	147.00	148.00	1.00	0.01		0.50	12.00	74.0
			980883	148.00	149.00	1.00	0.01		0.50	23.00	33.0
			980884	149.00	150.00	1.00	0.09		2.00	279.00	501.0
			980885	150.00	151.00	1.00	0.01		0.50	19.00	33.0
			980886	150.00	151.00	1.00	0.01		0.50	16.00	28.0
980887	151.00	151.93	0.93	0.01		0.50	19.00	24.0			
151.93	192.28	BMS, Biotite Muscovite Schist BMS with average mineralization. Has common; well-developed F2 folds.	980888	151.93	153.00	1.07	0.01		0.50	18.00	138.0
			980889	153.00	154.50	1.50	0.02		0.50	22.00	153.0
			980891	154.50	156.00	1.50	0.05		0.50	146.00	260.0
			980892	156.00	157.50	1.50	0.02		1.00	27.00	54.0
			980893	157.50	159.00	1.50	0.03		0.50	24.00	59.0
			980894	189.50	191.00	1.50	0.01		1.00	29.00	56.0
			980895	191.00	192.28	1.28	0.03		2.00	29.00	105.0

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Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
192.28	225.25	MSS, Muscovite Sericite Schist Wide MSS zone with increased mineralization near transitions to BMS. Has common sph/gn bands throughout with areas of condensed py stringers. Patchy; moderate-strong silicification.	980896	192.28	193.50	1.22	1.94		5.00	484.00	703.00
			980897	193.50	195.00	1.50	0.24		2.00	116.00	196.00
			980898	195.00	196.00	1.00	0.87		9.00	691.00	754.00
			980899	196.00	197.00	1.00	2.35		18.00	1042.00	538.00
			980901	197.00	198.00	1.00	1.60		20.00	2158.00	3139.00
			980902	198.00	199.00	1.00	0.57		1.00	212.00	136.00
			980903	199.00	200.00	1.00	0.14		0.50	50.00	39.00
			980904	200.00	201.00	1.00	0.04		0.50	15.00	25.00
			980905	201.00	202.00	1.00	0.33		0.50	16.00	23.00
			980906	201.00	202.00	1.00	0.17		0.50	15.00	20.00
			980907	202.00	203.00	1.00	0.12		0.50	17.00	18.00
			980908	203.00	204.00	1.00	0.06		0.50	14.00	20.00
			980909	204.00	205.00	1.00	0.10		0.50	10.00	16.00
			980911	205.00	206.00	1.00	0.30		0.50	14.00	16.00
			980912	206.00	207.00	1.00	0.05		0.50	14.00	14.00
			980913	207.00	208.00	1.00	0.03		1.00	13.00	18.00
			980914	208.00	209.00	1.00	0.05		0.50	20.00	20.00
			980915	209.00	210.00	1.00	0.94		2.00	39.00	243.00
			980916	210.00	211.00	1.00	0.17		0.50	66.00	71.00
			980917	211.00	212.00	1.00	0.17		1.00	67.00	171.00
			980918	212.00	213.00	1.00	0.11		0.50	98.00	52.00
			980919	213.00	214.00	1.00	0.79		3.00	750.00	2083.00
			980921	214.00	215.00	1.00	0.18		1.00	173.00	228.00
			980922	215.00	216.00	1.00	0.14		0.50	126.00	218.00
			980923	216.00	217.00	1.00	0.26		0.50	157.00	214.00
			980924	217.00	218.00	1.00	0.72		3.00	248.00	209.00
			980925	218.00	219.00	1.00	0.12		0.50	59.00	109.00
			980926	218.00	219.00	1.00	0.14		0.50	57.00	63.00
			980927	219.00	220.00	1.00	0.05		0.50	42.00	175.00
			980928	220.00	221.00	1.00	0.22		1.00	115.00	41.00
			980929	221.00	222.00	1.00	0.14		0.50	36.00	57.00
			980931	222.00	223.00	1.00	0.02		0.50	26.00	146.00
			980932	223.00	224.00	1.00	0.02		1.00	23.00	66.00
		980933	224.00	225.25	1.25	0.01		0.50	8.00	42.00	

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Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
225.25	279.24	BMS, Biotite Muscovite Schist Split BMS with a stronger sr/si alteration in the first half and a weakly altered second half. Above abundant mineralization within sulfide (py/cpy/asp) stringers throughout.	980934	225.25	226.25	1.00	0.01		0.50	9.00	60.0
			980935	226.25	227.50	1.25	0.01		0.50	4.00	53.0
			980936	227.50	229.00	1.50	0.01		0.50	5.00	36.0
			980937	229.00	230.00	1.00	0.01		0.50	8.00	44.0
			980938	230.00	231.00	1.00	0.01		2.00	6.00	38.0
			980939	231.00	232.50	1.50	0.01		0.50	5.00	52.0
			980941	232.50	234.00	1.50	0.01		0.50	10.00	32.0
			980942	234.00	235.50	1.50	0.01		0.50	12.00	26.0
			980943	235.50	237.00	1.50	0.01		1.00	13.00	339.0
			980944	237.00	238.50	1.50	0.01		1.00	17.00	106.0
			980945	238.50	240.00	1.50	0.01		2.00	18.00	66.0
			980946	238.50	240.00	1.50	0.03		0.50	21.00	70.0
			980947	240.00	241.00	1.00	0.03		2.00	16.00	65.0
			980948	241.00	242.00	1.00	0.02		2.00	25.00	205.0
			980949	242.00	243.00	1.00	0.01		0.50	11.00	158.0
			980951	243.00	244.50	1.50	0.01		0.50	6.00	37.0
			980952	244.50	246.00	1.50	0.01		0.50	6.00	16.0
			980953	246.00	247.50	1.50	0.02		0.50	10.00	19.0
			980954	247.50	249.00	1.50	0.01		0.50	5.00	32.0
			980955	249.00	250.50	1.50	0.01		0.50	6.00	17.0
			980956	250.50	252.00	1.50	0.01		0.50	7.00	19.0
			980957	252.00	253.50	1.50	0.01		0.50	5.00	20.0
			980958	253.50	255.00	1.50	0.01		1.00	9.00	16.0
			980959	255.00	256.50	1.50	0.01		1.00	10.00	34.0
			980961	256.50	258.00	1.50	0.01		1.00	57.00	80.0
			980962	258.00	259.50	1.50	0.03		0.50	43.00	53.0
			980963	259.50	261.00	1.50	0.03		1.00	34.00	87.0
			980964	261.00	262.50	1.50	0.04		0.50	19.00	54.0
			980965	262.50	264.00	1.50	0.06		0.50	24.00	97.0
			980966	262.50	264.00	1.50	0.06		0.50	23.00	83.0
		980967	264.00	265.50	1.50	0.09		0.50	21.00	73.0	
		980968	265.50	267.00	1.50	0.22		0.50	34.00	110.0	
		980969	267.00	268.50	1.50	0.35		2.00	24.00	66.0	
		980971	268.50	270.00	1.50	0.03		0.50	42.00	165.0	
		980972	278.00	279.24	1.24	0.05		0.50	34.00	74.0	

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Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
279.24	307.62	MSS, Muscovite Sericite Schist Strongly sericitized with abundant sulfide stringers distributed throughout. A few (5-6) small areas (1-10cm) of increased sph/gn mineralization within disseminated to semi-massive stringers.	980973	279.24	280.50	1.26	0.29		0.50	22.00	109.00
			980974	280.50	282.00	1.50	0.49		6.00	203.00	628.00
			980975	282.00	283.50	1.50	0.09		0.50	27.00	49.00
			980976	283.50	284.00	0.50	0.12		2.00	30.00	114.00
			980977	284.00	285.00	1.00	0.20		2.00	59.00	96.00
			980978	285.00	286.00	1.00	0.42		3.00	78.00	257.00
			980979	286.00	287.00	1.00	0.91		1.00	82.00	1190.00
			980981	287.00	288.00	1.00	0.33		0.50	45.00	70.00
			980982	288.00	289.00	1.00	0.13		0.50	33.00	52.00
			980983	289.00	289.75	0.75	0.05		0.50	36.00	244.00
			980984	289.75	290.50	0.75	0.07		1.00	39.00	243.00
			980985	290.50	291.00	0.50	0.45		1.00	150.00	4639.00
			980986	290.50	291.00	0.50	0.40		0.50	135.00	5854.00
			980987	291.00	292.00	1.00	0.04		0.50	67.00	132.00
			980988	292.00	293.00	1.00	0.04		0.50	31.00	36.00
			980989	293.00	294.00	1.00	0.13		0.50	52.00	26.00
			980991	294.00	295.00	1.00	0.06		0.50	39.00	128.00
			980992	295.00	295.50	0.50	0.24		1.00	92.00	706.00
			980993	295.50	296.25	0.75	0.08		0.50	32.00	21.00
			980994	296.25	297.00	0.75	0.13		0.50	38.00	128.00
			980995	297.00	298.00	1.00	0.28		0.50	76.00	276.00
			980996	298.00	298.62	0.62	2.22		4.00	1174.00	3267.00
			980997	298.62	299.62	1.00	0.06		0.50	123.00	442.00
			980998	299.62	301.00	1.38	0.03		0.50	62.00	151.00
			980999	301.00	301.50	0.50	2.70		11.00	6915.00	11987.00
			981001	301.50	302.50	1.00	0.05		0.50	727.00	604.00
			981002	302.50	303.00	0.50	0.08		3.00	1948.00	4900.00
		981003	303.00	304.00	1.00	0.44		0.50	498.00	1861.00	
		981004	304.00	305.00	1.00	0.07		0.50	43.00	142.00	
		981005	305.00	306.00	1.00	0.04		0.50	31.00	514.00	
		981006	305.00	306.00	1.00	0.02		0.50	27.00	428.00	
		981007	306.00	307.62	1.62	0.01		0.50	30.00	63.00	

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
980828	11.72	13.22	0.0570		1.0000	20.0000	493.0000
980829	39.00	40.50	0.0200		0.5000	28.0000	122.0000
980831	40.50	42.00	0.0130		0.5000	34.0000	154.0000
980832	42.00	43.00	0.0240		0.5000	38.0000	640.0000
980833	43.00	44.00	0.0280		2.0000	48.0000	145.0000
980834	44.00	45.00	0.0280		0.5000	40.0000	219.0000

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## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
980835	45.00	46.00	0.0240		0.5000	36.0000	212.0000
980836	46.00	47.00	0.0210		1.0000	29.0000	183.0000
980837	47.00	48.00	0.0110		0.5000	19.0000	64.0000
980838	48.00	49.00	0.0350		1.0000	21.0000	235.0000
980839	49.00	50.00	0.0230		1.0000	33.0000	168.0000
980841	50.00	51.00	0.0120		3.0000	71.0000	151.0000
980842	51.00	52.50	0.0220		0.5000	20.0000	114.0000
980843	52.50	54.00	0.0350		0.5000	13.0000	64.0000
980844	54.00	55.50	0.2860		0.5000	14.0000	38.0000
980845	55.50	57.00	0.0170		0.5000	16.0000	24.0000
980847	57.00	58.50	0.0080		0.5000	16.0000	78.0000
980848	63.00	64.50	0.0080		0.5000	8.0000	65.0000
980849	64.50	66.00	0.0220		0.5000	14.0000	46.0000
980851	66.00	67.00	0.0120		2.0000	22.0000	37.0000
980852	67.00	68.00	0.0060		0.5000	17.0000	63.0000
980853	68.00	69.00	0.0060		0.5000	14.0000	45.0000
980854	69.00	70.50	0.0040		0.5000	12.0000	88.0000
980855	70.50	72.00	0.0360		2.0000	19.0000	66.0000
980856	88.00	88.50	1.2930		6.0000	11.0000	56.0000
980857	88.50	90.00	0.0080		0.5000	9.0000	48.0000
980858	99.00	100.50	0.1410		0.5000	28.0000	174.0000
980859	100.50	102.00	0.0180		0.5000	25.0000	77.0000
980861	102.00	103.50	0.0060		0.5000	13.0000	68.0000
980862	103.50	105.00	0.0280		0.5000	16.0000	36.0000
980863	105.00	106.00	0.0140		0.5000	48.0000	196.0000
980864	106.00	107.50	0.0070		0.5000	36.0000	100.0000
980865	107.50	109.00	0.0080		1.0000	21.0000	71.0000
980867	134.00	135.36	0.1130		0.5000	89.0000	156.0000
980868	135.36	136.11	0.5520		3.0000	262.0000	2039.0000
980869	136.11	136.86	0.4370		2.0000	111.0000	272.0000
980871	136.86	138.00	0.3030		0.5000	26.0000	67.0000
980872	138.00	139.00	0.0480		2.0000	27.0000	86.0000
980873	139.00	140.00	0.0720		1.0000	47.0000	79.0000
980874	140.00	141.00	0.0560		0.5000	45.0000	64.0000
980875	141.00	142.00	0.0240		0.5000	18.0000	16.0000
980876	142.00	143.00	0.0290		0.5000	16.0000	38.0000
980877	143.00	144.00	0.0090		0.5000	7.0000	15.0000
980878	144.00	145.00	0.0080		0.5000	16.0000	72.0000
980879	145.00	146.00	0.0100		0.5000	28.0000	194.0000

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## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
980881	146.00	147.00	0.0140		1.0000	17.0000	78.0000
980882	147.00	148.00	0.0100		0.5000	12.0000	74.0000
980883	148.00	149.00	0.0130		0.5000	23.0000	33.0000
980884	149.00	150.00	0.0870		2.0000	279.0000	501.0000
980885	150.00	151.00	0.0110		0.5000	19.0000	33.0000
980887	151.00	151.93	0.0140		0.5000	19.0000	24.0000
980888	151.93	153.00	0.0100		0.5000	18.0000	138.0000
980889	153.00	154.50	0.0150		0.5000	22.0000	153.0000
980891	154.50	156.00	0.0540		0.5000	146.0000	260.0000
980892	156.00	157.50	0.0200		1.0000	27.0000	54.0000
980893	157.50	159.00	0.0260		0.5000	24.0000	59.0000
980894	189.50	191.00	0.0100		1.0000	29.0000	56.0000
980895	191.00	192.28	0.0300		2.0000	29.0000	105.0000
980896	192.28	193.50	1.9350		5.0000	484.0000	703.0000
980897	193.50	195.00	0.2410		2.0000	116.0000	196.0000
980898	195.00	196.00	0.8710		9.0000	691.0000	754.0000
980899	196.00	197.00	2.3490		18.0000	1042.0000	538.0000
980901	197.00	198.00	1.6010		20.0000	2158.0000	3139.0000
980902	198.00	199.00	0.5710		1.0000	212.0000	136.0000
980903	199.00	200.00	0.1400		0.5000	50.0000	39.0000
980904	200.00	201.00	0.0410		0.5000	15.0000	25.0000
980905	201.00	202.00	0.3320		0.5000	16.0000	23.0000
980907	202.00	203.00	0.1230		0.5000	17.0000	18.0000
980908	203.00	204.00	0.0570		0.5000	14.0000	20.0000
980909	204.00	205.00	0.0970		0.5000	10.0000	16.0000
980911	205.00	206.00	0.2950		0.5000	14.0000	16.0000
980912	206.00	207.00	0.0460		0.5000	14.0000	14.0000
980913	207.00	208.00	0.0320		1.0000	13.0000	18.0000
980914	208.00	209.00	0.0540		0.5000	20.0000	20.0000
980915	209.00	210.00	0.9350		2.0000	39.0000	243.0000
980916	210.00	211.00	0.1650		0.5000	66.0000	71.0000
980917	211.00	212.00	0.1730		1.0000	67.0000	171.0000
980918	212.00	213.00	0.1090		0.5000	98.0000	52.0000
980919	213.00	214.00	0.7910		3.0000	750.0000	2083.0000
980921	214.00	215.00	0.1830		1.0000	173.0000	228.0000
980922	215.00	216.00	0.1440		0.5000	126.0000	218.0000
980923	216.00	217.00	0.2600		0.5000	157.0000	214.0000
980924	217.00	218.00	0.7220		3.0000	248.0000	209.0000
980925	218.00	219.00	0.1190		0.5000	59.0000	109.0000



Hole Number: TL11119

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
980927	219.00	220.00	0.0450		0.5000	42.0000	175.0000
980928	220.00	221.00	0.2200		1.0000	115.0000	41.0000
980929	221.00	222.00	0.1370		0.5000	36.0000	57.0000
980931	222.00	223.00	0.0210		0.5000	26.0000	146.0000
980932	223.00	224.00	0.0200		1.0000	23.0000	66.0000
980933	224.00	225.25	0.0050		0.5000	8.0000	42.0000
980934	225.25	226.25	0.0090		0.5000	9.0000	60.0000
980935	226.25	227.50	0.0080		0.5000	4.0000	53.0000
980936	227.50	229.00	0.0070		0.5000	5.0000	36.0000
980937	229.00	230.00	0.0130		0.5000	8.0000	44.0000
980938	230.00	231.00	0.0080		2.0000	6.0000	38.0000
980939	231.00	232.50	0.0060		0.5000	5.0000	52.0000
980941	232.50	234.00	0.0080		0.5000	10.0000	32.0000
980942	234.00	235.50	0.0070		0.5000	12.0000	26.0000
980943	235.50	237.00	0.0100		1.0000	13.0000	339.0000
980944	237.00	238.50	0.0100		1.0000	17.0000	106.0000
980945	238.50	240.00	0.0110		2.0000	18.0000	66.0000
980947	240.00	241.00	0.0310		2.0000	16.0000	65.0000
980948	241.00	242.00	0.0150		2.0000	25.0000	205.0000
980949	242.00	243.00	0.0100		0.5000	11.0000	158.0000
980951	243.00	244.50	0.0060		0.5000	6.0000	37.0000
980952	244.50	246.00	0.0130		0.5000	6.0000	16.0000
980953	246.00	247.50	0.0160		0.5000	10.0000	19.0000
980954	247.50	249.00	0.0100		0.5000	5.0000	32.0000
980955	249.00	250.50	0.0060		0.5000	6.0000	17.0000
980956	250.50	252.00	0.0090		0.5000	7.0000	19.0000
980957	252.00	253.50	0.0080		0.5000	5.0000	20.0000
980958	253.50	255.00	0.0100		1.0000	9.0000	16.0000
980959	255.00	256.50	0.0120		1.0000	10.0000	34.0000
980961	256.50	258.00	0.0090		1.0000	57.0000	80.0000
980962	258.00	259.50	0.0270		0.5000	43.0000	53.0000
980963	259.50	261.00	0.0310		1.0000	34.0000	87.0000
980964	261.00	262.50	0.0420		0.5000	19.0000	54.0000
980965	262.50	264.00	0.0550		0.5000	24.0000	97.0000
980967	264.00	265.50	0.0850		0.5000	21.0000	73.0000
980968	265.50	267.00	0.2160		0.5000	34.0000	110.0000
980969	267.00	268.50	0.3520		2.0000	24.0000	66.0000
980971	268.50	270.00	0.0270		0.5000	42.0000	165.0000
980972	278.00	279.24	0.0450		0.5000	34.0000	74.0000

Hole Number: TL11119

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
980973	279.24	280.50	0.2880		0.5000	22.0000	109.0000
980974	280.50	282.00	0.4900		6.0000	203.0000	628.0000
980975	282.00	283.50	0.0920		0.5000	27.0000	49.0000
980976	283.50	284.00	0.1200		2.0000	30.0000	114.0000
980977	284.00	285.00	0.1960		2.0000	59.0000	96.0000
980978	285.00	286.00	0.4210		3.0000	78.0000	257.0000
980979	286.00	287.00	0.9100		1.0000	82.0000	1190.0000
980981	287.00	288.00	0.3340		0.5000	45.0000	70.0000
980982	288.00	289.00	0.1270		0.5000	33.0000	52.0000
980983	289.00	289.75	0.0510		0.5000	36.0000	244.0000
980984	289.75	290.50	0.0740		1.0000	39.0000	243.0000
980985	290.50	291.00	0.4460		1.0000	150.0000	4639.0000
980987	291.00	292.00	0.0420		0.5000	67.0000	132.0000
980988	292.00	293.00	0.0350		0.5000	31.0000	36.0000
980989	293.00	294.00	0.1270		0.5000	52.0000	26.0000
980991	294.00	295.00	0.0630		0.5000	39.0000	128.0000
980992	295.00	295.50	0.2440		1.0000	92.0000	706.0000
980993	295.50	296.25	0.0790		0.5000	32.0000	21.0000
980994	296.25	297.00	0.1320		0.5000	38.0000	128.0000
980995	297.00	298.00	0.2840		0.5000	76.0000	276.0000
980996	298.00	298.62	2.2240		4.0000	1174.0000	3267.0000
980997	298.62	299.62	0.0600		0.5000	123.0000	442.0000
980998	299.62	301.00	0.0280		0.5000	62.0000	151.0000
980999	301.00	301.50	2.7040		11.0000	6915.0000	11987.0000
981001	301.50	302.50	0.0450		0.5000	727.0000	604.0000
981002	302.50	303.00	0.0750		3.0000	1948.0000	4900.0000
981003	303.00	304.00	0.4360		0.5000	498.0000	1861.0000
981004	304.00	305.00	0.0720		0.5000	43.0000	142.0000
981005	305.00	306.00	0.0350		0.5000	31.0000	514.0000
981007	306.00	307.62	0.0120		0.5000	30.0000	63.0000
Sample Type	CDUP						
980846	55.50	57.00	0.0110		0.5000	14.0000	22.0000
980866	107.50	109.00	0.0090		1.0000	22.0000	71.0000
980886	150.00	151.00	0.0080		0.5000	16.0000	28.0000
980906	201.00	202.00	0.1740		0.5000	15.0000	20.0000
980926	218.00	219.00	0.1380		0.5000	57.0000	63.0000
980946	238.50	240.00	0.0320		0.5000	21.0000	70.0000
980966	262.50	264.00	0.0550		0.5000	23.0000	83.0000
980986	290.50	291.00	0.3960		0.5000	135.0000	5854.0000

Hole Number: TL11119

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type CDUP							
981006	305.00	306.00	0.0240		0.5000	27.0000	428.0000

# DETAILED LOG

Hole Number: TL11120

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -64.50
Project Number: TMI-TL	North: 5511915.03	North:	Collar Az: 317.10
Location: Zealand Township	East: 528369.21	East:	Length: 351.00
	Elev: 394.96	Elev:	Start Depth: 0.00
Date Started: Jan 19, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jan 22, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 351.00

Comments: Main Zone from 221.26-278.75 m. 2-3% pyrite + 2% sphalerite and up to 10% locally within and surrounding a quartz vein at 2266.50-227.60 m. 1% pyrrhotite + 4% galena + 3% chalcopyrite locally.  
 C zone from 299.90-321.00 m. Pyrite + sphalerite + trace galena.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	315.00	-65.00	EZ Sho	OK		15.00	317.10	-64.50	EZ Sho	OK	
54.00	321.50	-63.10	EZ Sho	OK		108.00	325.50	-60.70	EZ Sho	OK	
156.00	328.30	-59.10	EZ Sho	OK		201.00	330.80	-56.60	EZ Sho	OK	
255.00	334.70	-53.70	EZ Sho	OK		301.00	336.30	-51.10	EZ Sho	OK	
351.00	339.50	-48.10	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	8.55	OB, Overburden									
8.55	174.60	BMS, Biotite Muscovite Schist	981008	53.15	54.15	1.00	0.04		3.00	0.50	1589.0
		Large BMS unit with variable sr/si alteration. Little mineralization with zones of increased py/po stringers. Rare; local sph stringers when nearing underlying MSS unit.	981009	54.15	55.15	1.00	0.07		3.00	0.50	211.0
			981011	55.15	56.15	1.00	0.15		4.00	0.50	762.0
			981012	56.15	57.15	1.00	0.06		1.00	0.50	221.0
			981013	79.50	81.00	1.50	0.07		0.50	0.50	340.0
			981014	81.00	82.50	1.50	0.07		2.00	0.50	721.0
			981015	171.50	173.00	1.50	0.23		5.00	162.00	496.0
			981016	173.00	174.60	1.60	0.20		5.00	0.50	100.0

Hole Number: TL11120

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
174.60	185.60	MSS, Muscovite Sericite Schist	981017	174.60	175.60	1.00	0.17		3.00	0.50	609.0
		Small hangingwall MSS unit. Little mineralization throughout with slight increase near MSS/BMS transition zones. Moderate to strong silicification throughout.	981018	175.60	177.00	1.40	0.03		2.00	0.50	73.0
			981019	177.00	178.00	1.00	0.01		2.00	0.50	37.0
			981021	178.00	179.00	1.00	0.03		4.00	43.00	179.0
			981022	179.00	180.00	1.00	0.01		1.00	0.50	49.0
			981023	180.00	181.00	1.00	0.01		2.00	0.50	536.0
			981024	181.00	182.00	1.00	0.01		0.50	0.50	87.0
			981026	182.00	183.00	1.00	0.01		1.00	0.50	57.0
			981025	182.00	183.00	1.00	0.01		1.00	0.50	46.0
			981027	183.00	184.00	1.00	0.01		0.50	0.50	23.0
			981028	184.00	185.00	1.00	0.01		1.00	0.50	28.0
			981029	185.00	185.80	0.80	0.01		0.50	0.50	40.0
185.60	221.26	BMS, Biotite Muscovite Schist	981031	185.80	187.00	1.20	0.02		1.00	0.50	306.0
		Small BMS above main zone. Common F2 folding/boudinaging of foliation near qz veins. Minor mineralization.	981032	187.00	188.50	1.50	0.01		0.50	0.50	154.0
			981033	218.50	220.00	1.50	0.02		3.00	0.50	180.0
			981034	220.00	221.26	1.26	0.25		2.00	78.00	322.0

## DETAILED LOG

Hole Number: TL11120

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
221.26	278.75	MSS, Muscovite Sericite Schist	981035	221.26	222.50	1.24	0.50		7.00	396.00	2216.00
		Large MSS zone; within top 9m there are qz veins with abundant sph; gn; cpy; po mineralization. Common sph stringers within the top 25m. Strong sericitization that gradually decreases downhole. Patchy; weak to strong silicification throughout. 226.5-227.6m is a very strongly mineralized interval (10% sph; 4%gn; 3%cpy; 1% po)	981036	222.50	224.00	1.50	0.05		1.00	0.50	114.00
			981037	224.00	225.50	1.50	4.13		6.00	289.00	783.00
			981038	225.50	226.50	1.00	1.55		10.00	416.00	631.00
			981039	226.50	227.60	1.10	30.39	29.13	121.00	17322.00	12690.00
			981041	227.60	228.60	1.00	5.38	4.95	42.00	963.00	1650.00
			981042	228.60	230.00	1.40	15.91	4.16	3.00	38.00	206.00
			981043	230.00	231.00	1.00	0.95		8.00	411.00	290.00
			981044	231.00	232.50	1.50	0.18		3.00	0.50	18.00
			981045	232.50	234.00	1.50	0.10		2.00	0.50	14.00
			981046	232.50	234.00	1.50	0.16		2.00	0.50	15.00
			981047	234.00	235.50	1.50	0.15		3.00	0.50	23.00
			981048	235.50	237.00	1.50	0.34		2.00	0.50	296.00
			981049	237.00	238.50	1.50	0.92		3.00	63.00	243.00
			981051	238.50	240.00	1.50	0.26		2.00	31.00	172.00
			981052	240.00	240.50	0.50	1.39		9.00	1946.00	6790.00
			981053	240.50	241.50	1.00	0.50		3.00	84.00	1407.00
			981054	241.50	243.00	1.50	0.24		2.00	71.00	319.00
			981055	243.00	244.50	1.50	0.07		2.00	55.00	439.00
			981056	244.50	246.00	1.50	0.86		2.00	119.00	621.00
			981057	246.00	247.50	1.50	3.17		5.00	272.00	813.00
			981058	247.50	249.00	1.50	0.04		2.00	0.50	82.00
			981059	249.00	250.50	1.50	0.01		1.00	0.50	89.00
			981061	250.50	252.00	1.50	0.01		1.00	0.50	69.00
			981062	252.00	253.50	1.50	0.01		1.00	0.50	44.00
			981063	253.50	255.00	1.50	0.01		2.00	0.50	62.00
			981064	255.00	255.80	0.80	0.01		2.00	0.50	104.00
			981065	255.80	256.90	1.10	0.01		1.00	0.50	53.00
		981066	255.80	256.90	1.10	0.01		2.00	0.50	69.00	
		981067	256.90	258.00	1.10	0.00		1.00	0.50	53.00	
		981068	258.00	259.50	1.50	0.00		1.00	0.50	154.00	
		981069	259.50	261.00	1.50	0.01		1.00	0.50	98.00	
		981071	261.00	262.00	1.00	0.00		1.00	0.50	91.00	
		981072	262.00	263.00	1.00	0.00		1.00	0.50	59.00	
		981073	263.00	264.00	1.00	0.01		2.00	0.50	182.00	
		981074	264.00	265.50	1.50	0.01		0.50	0.50	50.00	
		981075	265.50	267.00	1.50	0.01		2.00	0.50	32.00	
		981076	267.00	268.50	1.50	0.01		2.00	0.50	26.00	
		981077	268.50	270.00	1.50	0.02		1.00	0.50	35.00	
		981078	270.00	271.50	1.50	0.01		1.00	0.50	47.00	
		981079	271.50	273.00	1.50	0.01		1.00	0.50	25.00	
		981081	273.00	274.50	1.50	0.01		4.00	0.50	140.00	
		981082	274.50	276.00	1.50	0.01		1.00	0.50	38.00	

# DETAILED LOG

Hole Number: TL11120

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			981083	276.00	277.50	1.50	0.01		1.00	0.50	78.00
			981084	277.50	278.75	1.25	0.00		1.00	0.50	53.00
278.75	299.90	BMS, Biotite Muscovite Schist	981086	278.75	280.25	1.50	0.03		2.00	0.50	89.00
			981085	278.75	280.25	1.50	0.02		2.00	0.50	84.00
			981087	298.50	299.90	1.40	0.02		0.50	0.50	62.00
299.90	321.00	MSS, Muscovite Sericite Schist Strongly sericitized C-zone with common sph stringers throughout	981088	299.90	301.50	1.60	0.02		2.00	0.50	35.00
			981089	301.50	303.00	1.50	0.09		2.00	0.50	203.00
			981091	303.00	304.00	1.00	0.71		14.00	321.00	905.00
			981092	304.00	305.00	1.00	1.21		5.00	25.00	755.00
			981093	305.00	306.00	1.00	0.70		3.00	0.50	180.00
			981094	306.00	307.00	1.00	0.25		2.00	0.50	139.00
			981095	307.00	308.00	1.00	0.52		3.00	0.50	60.00
			981096	308.00	309.00	1.00	0.43		3.00	0.50	124.00
			981097	309.00	310.50	1.50	0.07		2.00	0.50	63.00
			981098	310.50	312.00	1.50	0.07		2.00	5.00	95.00
			981099	312.00	313.00	1.00	0.61		4.00	232.00	1298.00
			981101	313.00	314.00	1.00	0.24		2.00	24.00	3639.00
			981102	314.00	315.00	1.00	0.38		2.00	27.00	5265.00
			981103	315.00	316.50	1.50	0.25		3.00	99.00	2923.00
			981104	316.50	318.00	1.50	0.20		2.00	0.50	342.00
			981105	318.00	319.50	1.50	0.07		3.00	0.50	255.00
			981106	318.00	319.50	1.50	0.04		1.00	0.50	382.00
			981107	319.50	321.00	1.50	0.03		1.00	0.50	74.00
321.00	351.00	BMS, Biotite Muscovite Schist BMS with weak sr alteration; little mineralization.	981108	321.00	322.50	1.50	0.01		2.00	0.50	702.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981008	53.15	54.15	0.0350		3.0000	0.5000	1589.0000
981009	54.15	55.15	0.0690		3.0000	0.5000	211.0000
981011	55.15	56.15	0.1460		4.0000	0.5000	762.0000
981012	56.15	57.15	0.0560		1.0000	0.5000	221.0000
981013	79.50	81.00	0.0650		0.5000	0.5000	340.0000
981014	81.00	82.50	0.0700		2.0000	0.5000	721.0000
981015	171.50	173.00	0.2250		5.0000	162.0000	496.0000
981016	173.00	174.60	0.2020		5.0000	0.5000	100.0000
981017	174.60	175.60	0.1700		3.0000	0.5000	609.0000
981018	175.60	177.00	0.0260		2.0000	0.5000	73.0000
981019	177.00	178.00	0.0110		2.0000	0.5000	37.0000
981021	178.00	179.00	0.0250		4.0000	43.0000	179.0000

Hole Number: TL11120

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981022	179.00	180.00	0.0100		1.0000	0.5000	49.0000
981023	180.00	181.00	0.0050		2.0000	0.5000	536.0000
981024	181.00	182.00	0.0110		0.5000	0.5000	87.0000
981025	182.00	183.00	0.0130		1.0000	0.5000	46.0000
981027	183.00	184.00	0.0100		0.5000	0.5000	23.0000
981028	184.00	185.00	0.0050		1.0000	0.5000	28.0000
981029	185.00	185.80	0.0070		0.5000	0.5000	40.0000
981031	185.80	187.00	0.0170		1.0000	0.5000	306.0000
981032	187.00	188.50	0.0070		0.5000	0.5000	154.0000
981033	218.50	220.00	0.0240		3.0000	0.5000	180.0000
981034	220.00	221.26	0.2490		2.0000	78.0000	322.0000
981035	221.26	222.50	0.5040		7.0000	396.0000	2216.0000
981036	222.50	224.00	0.0540		1.0000	0.5000	114.0000
981037	224.00	225.50	4.1310		6.0000	289.0000	783.0000
981038	225.50	226.50	1.5470		10.0000	416.0000	631.0000
981039	226.50	227.60	30.3850	29.1320	121.0000	17322.0000	12690.0000
981041	227.60	228.60	5.3840	4.9460	42.0000	963.0000	1650.0000
981042	228.60	230.00	15.9100	4.1630	3.0000	38.0000	206.0000
981043	230.00	231.00	0.9480		8.0000	411.0000	290.0000
981044	231.00	232.50	0.1790		3.0000	0.5000	18.0000
981045	232.50	234.00	0.1010		2.0000	0.5000	14.0000
981047	234.00	235.50	0.1520		3.0000	0.5000	23.0000
981048	235.50	237.00	0.3380		2.0000	0.5000	296.0000
981049	237.00	238.50	0.9190		3.0000	63.0000	243.0000
981051	238.50	240.00	0.2590		2.0000	31.0000	172.0000
981052	240.00	240.50	1.3860		9.0000	1946.0000	6790.0000
981053	240.50	241.50	0.5000		3.0000	84.0000	1407.0000
981054	241.50	243.00	0.2350		2.0000	71.0000	319.0000
981055	243.00	244.50	0.0700		2.0000	55.0000	439.0000
981056	244.50	246.00	0.8590		2.0000	119.0000	621.0000
981057	246.00	247.50	3.1700		5.0000	272.0000	813.0000
981058	247.50	249.00	0.0400		2.0000	0.5000	82.0000
981059	249.00	250.50	0.0110		1.0000	0.5000	89.0000
981061	250.50	252.00	0.0080		1.0000	0.5000	69.0000
981062	252.00	253.50	0.0060		1.0000	0.5000	44.0000
981063	253.50	255.00	0.0070		2.0000	0.5000	62.0000
981064	255.00	255.80	0.0120		2.0000	0.5000	104.0000
981065	255.80	256.90	0.0070		1.0000	0.5000	53.0000
981067	256.90	258.00	0.0030		1.0000	0.5000	53.0000



Hole Number: TL11120

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981068	258.00	259.50	0.0020		1.0000	0.5000	154.0000
981069	259.50	261.00	0.0050		1.0000	0.5000	98.0000
981071	261.00	262.00	0.0040		1.0000	0.5000	91.0000
981072	262.00	263.00	0.0040		1.0000	0.5000	59.0000
981073	263.00	264.00	0.0100		2.0000	0.5000	182.0000
981074	264.00	265.50	0.0050		0.5000	0.5000	50.0000
981075	265.50	267.00	0.0060		2.0000	0.5000	32.0000
981076	267.00	268.50	0.0060		2.0000	0.5000	26.0000
981077	268.50	270.00	0.0160		1.0000	0.5000	35.0000
981078	270.00	271.50	0.0100		1.0000	0.5000	47.0000
981079	271.50	273.00	0.0090		1.0000	0.5000	25.0000
981081	273.00	274.50	0.0100		4.0000	0.5000	140.0000
981082	274.50	276.00	0.0060		1.0000	0.5000	38.0000
981083	276.00	277.50	0.0060		1.0000	0.5000	78.0000
981084	277.50	278.75	0.0040		1.0000	0.5000	53.0000
981085	278.75	280.25	0.0210		2.0000	0.5000	84.0000
981087	298.50	299.90	0.0190		0.5000	0.5000	62.0000
981088	299.90	301.50	0.0160		2.0000	0.5000	35.0000
981089	301.50	303.00	0.0900		2.0000	0.5000	203.0000
981091	303.00	304.00	0.7080		14.0000	321.0000	905.0000
981092	304.00	305.00	1.2110		5.0000	25.0000	755.0000
981093	305.00	306.00	0.7020		3.0000	0.5000	180.0000
981094	306.00	307.00	0.2530		2.0000	0.5000	139.0000
981095	307.00	308.00	0.5200		3.0000	0.5000	60.0000
981096	308.00	309.00	0.4320		3.0000	0.5000	124.0000
981097	309.00	310.50	0.0700		2.0000	0.5000	63.0000
981098	310.50	312.00	0.0700		2.0000	5.0000	95.0000
981099	312.00	313.00	0.6100		4.0000	232.0000	1298.0000
981101	313.00	314.00	0.2420		2.0000	24.0000	3639.0000
981102	314.00	315.00	0.3790		2.0000	27.0000	5265.0000
981103	315.00	316.50	0.2470		3.0000	99.0000	2923.0000
981104	316.50	318.00	0.1970		2.0000	0.5000	342.0000
981105	318.00	319.50	0.0720		3.0000	0.5000	255.0000
981107	319.50	321.00	0.0250		1.0000	0.5000	74.0000
981108	321.00	322.50	0.0080		2.0000	0.5000	702.0000
Sample Type	CDUP						
981026	182.00	183.00	0.0080		1.0000	0.5000	57.0000
981046	232.50	234.00	0.1560		2.0000	0.5000	15.0000
981066	255.80	256.90	0.0100		2.0000	0.5000	69.0000

Hole Number: TL11120

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type CDUP							
981086	278.75	280.25	0.0250		2.0000	0.5000	89.0000
981106	318.00	319.50	0.0410		1.0000	0.5000	382.0000

# DETAILED LOG

Hole Number: TL11121

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -64.90
Project Number: TMI-TL	North: 5511880.42	North:	Collar Az: 314.90
Location: Zealand Township	East: 528370.34	East:	Length: 369.00
	Elev: 394.01	Elev:	Start Depth: 0.00
Date Started: Jan 22, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jan 25, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 369.00

Comments: Main Zone from 260.54-315.00 m. Best mineralized zone 260.54-285.00 m. 3% pyrite + 3% chalcopyrite + 2% sphalerite. Trace galena.  
C Zone from 348.29-358.00 m.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	312.00	-65.00	EZ Sho	OK		18.00	314.90	-64.90	EZ Sho	OK	
51.00	318.10	-62.80	EZ Sho	OK		102.00	322.80	-60.60	EZ Sho	OK	
156.00	327.00	-58.30	EZ Sho	OK		201.00	330.20	-56.70	EZ Sho	OK	
255.00	334.20	-55.10	EZ Sho	OK		300.00	335.40	-53.10	EZ Sho	OK	
351.00	336.20	-50.70	EZ Sho	OK		369.00	336.10	-50.10	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	10.50	OB, Overburden									
10.50	219.10	BMS, Biotite Muscovite Schist Large BMS with variable sr/si alteration; patchy chl/epi alteration; and rare sph stringers.	981109	157.15	158.15	1.00	0.04		3.00	107.00	4177.00
			981111	218.00	219.10	1.10	0.10		4.00	25.00	113.00
219.10	228.00	MSS, Muscovite Sericite Schist	981112	219.10	220.00	0.90	0.01		1.00	32.00	202.00
			981113	220.00	221.00	1.00	0.01		0.50	24.00	103.00
			981114	221.00	222.00	1.00	0.01		0.50	15.00	45.00
			981115	222.00	223.00	1.00	0.01		0.50	19.00	56.00
			981116	223.00	224.00	1.00	0.30		1.00	77.00	194.00
			981117	224.00	225.00	1.00	0.01		1.00	24.00	20.00
			981118	225.00	226.00	1.00	0.01		0.50	17.00	18.00
			981119	226.00	227.00	1.00	0.01		1.00	19.00	32.00
228.00	260.54	BMS, Biotite Muscovite Schist Small BMS with weak to moderate sr alteration. Common folding/boudinaging around qz veins. Minor mineralization other than a few rare; local sph stringers	981122	228.00	229.50	1.50	0.02		1.00	19.00	55.00
			981123	258.00	259.50	1.50	0.01		1.00	26.00	31.00
			981124	259.50	260.54	1.04	0.01		2.00	37.00	85.00

## DETAILED LOG

Hole Number: TL11121

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
260.54	315.00	MSS, Muscovite Sericite Schist	981126	260.54	262.00	1.46	0.06		1.00	111.00	292.00
			981125	260.54	262.00	1.46	0.02		2.00	112.00	182.00
			981127	262.00	263.00	1.00	1.38		7.00	1086.00	1200.00
			981128	263.00	264.00	1.00	1.59		25.00	1937.00	4812.00
			981129	264.00	265.00	1.00	0.48		12.00	661.00	1047.00
			981131	265.00	266.65	1.65	0.76		7.00	229.00	427.00
			981132	266.65	267.00	0.35	19.63	10.93	123.00	16963.00	43982.00
			981133	267.00	267.50	0.50	0.89		7.00	854.00	946.00
			981134	267.50	268.00	0.50	76.19	45.26	150.00	15094.00	13401.00
			981135	268.00	269.00	1.00	0.00		8.00	748.00	1593.00
			981136	269.00	270.00	1.00	2.39		5.00	450.00	1202.00
			981137	270.00	271.00	1.00	1.52		8.00	819.00	2888.00
			981138	271.00	272.00	1.00	0.53		0.50	41.00	61.00
			981139	272.00	273.00	1.00	0.07		0.50	18.00	31.00
			981141	273.00	274.00	1.00	0.04		4.00	89.00	147.00
			981142	274.00	275.00	1.00	0.23		0.50	19.00	21.00
			981143	275.00	276.00	1.00	0.04		1.00	13.00	19.00
			981144	276.00	277.00	1.00	0.02		0.50	19.00	20.00
			981146	277.00	278.00	1.00	0.05		2.00	74.00	1754.00
			981145	277.00	278.00	1.00	0.03		1.00	80.00	1902.00
			981147	278.00	279.00	1.00	0.14		2.00	34.00	86.00
			981148	279.00	280.00	1.00	1.26		3.00	86.00	239.00
			981149	280.00	281.00	1.00	0.13		2.00	78.00	113.00
			981151	281.00	282.00	1.00	0.15		0.50	69.00	81.00
			981152	282.00	283.00	1.00	0.53		2.00	243.00	186.00
			981153	283.00	284.00	1.00	4.15		1.00	107.00	352.00
			981154	284.00	285.00	1.00	3.46		6.00	1517.00	2135.00
			981155	285.00	286.00	1.00	3.21		7.00	877.00	2237.00
			981156	286.00	287.00	1.00	0.18		0.50	57.00	94.00
			981157	287.00	288.00	1.00	0.05		2.00	19.00	65.00
			981158	288.00	289.50	1.50	0.01		2.00	19.00	84.00
			981159	289.50	291.00	1.50	0.01		1.00	25.00	47.00
			981161	291.00	292.50	1.50	0.02		0.50	18.00	38.00
			981162	292.50	294.00	1.50	0.03		2.00	17.00	116.00
			981163	294.00	295.50	1.50	0.01		0.50	16.00	48.00
			981164	295.50	297.00	1.50	0.01		2.00	22.00	220.00
			981165	297.00	298.50	1.50	0.01		0.50	22.00	194.00
			981166	297.00	298.50	1.50	0.01		0.50	23.00	191.00
			981167	298.50	300.00	1.50	0.00		1.00	17.00	245.00
			981168	300.00	301.50	1.50	0.01		0.50	17.00	65.00
			981169	301.50	303.00	1.50	0.01		0.50	23.00	242.00
			981171	303.00	304.50	1.50	0.00		0.50	16.00	62.00
			981172	304.50	306.00	1.50	0.01		0.50	13.00	39.00

DETAILED LOG

Hole Number: TL11121

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			981173	306.00	307.50	1.50	0.00		0.50	14.00	29.00
			981174	307.50	309.00	1.50	0.01		0.50	15.00	39.00
			981175	309.00	310.50	1.50	0.01		0.50	13.00	23.00
			981176	310.50	312.00	1.50	0.01		1.00	12.00	36.00
			981177	312.00	313.50	1.50	0.01		1.00	13.00	39.00
			981178	313.50	315.00	1.50	0.01		1.00	18.00	51.00
315.00	348.29	BMS, Biotite Muscovite Schist	981179	315.00	316.50	1.50	0.01		0.50	18.00	92.00
			981181	316.50	318.00	1.50	0.02		4.00	23.00	99.00
			981182	337.00	338.00	1.00	0.03		1.00	29.00	59.00
			981183	338.00	339.50	1.50	0.26		0.50	31.00	110.00
			981184	339.50	341.00	1.50	0.06		1.00	43.00	82.00
			981185	341.00	342.50	1.50	0.35		6.00	100.00	944.00
			981186	341.00	342.50	1.50	0.24		4.00	78.00	184.00
			981187	342.50	344.00	1.50	0.16		1.00	52.00	120.00
			981188	344.00	345.50	1.50	0.48		2.00	54.00	74.00
			981189	345.50	347.00	1.50	0.15		1.00	68.00	84.00
			981191	347.00	348.29	1.29	1.12		3.00	77.00	792.00
348.29	358.60	MSS, Muscovite Sericite Schist	981192	348.29	349.00	0.71	0.05		0.50	48.00	56.00
			981193	349.00	350.00	1.00	0.18		1.00	80.00	573.00
			981194	350.00	351.00	1.00	0.11		1.00	100.00	210.00
			981195	351.00	352.00	1.00	0.06		2.00	153.00	120.00
			981196	352.00	353.00	1.00	10.31	6.41	14.00	1095.00	193.00
			981197	353.00	354.00	1.00	0.44		0.50	161.00	1790.00
			981198	354.00	355.00	1.00	0.08		1.00	68.00	764.00
			981199	355.00	356.00	1.00	0.08		1.00	82.00	311.00
			981201	356.00	357.00	1.00	0.06		3.00	142.00	2479.00
			981202	357.00	358.60	1.60	0.11		0.50	169.00	1600.00
358.60	369.00	BMS, Biotite Muscovite Schist	981203	358.60	360.00	1.40	0.10		0.50	47.00	206.00
			981204	360.00	361.50	1.50	0.03		2.00	38.00	597.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981109	157.15	158.15	0.0360		3.0000	107.0000	4177.0000
981111	218.00	219.10	0.0980		4.0000	25.0000	113.0000
981112	219.10	220.00	0.0080		1.0000	32.0000	202.0000
981113	220.00	221.00	0.0050		0.5000	24.0000	103.0000
981114	221.00	222.00	0.0070		0.5000	15.0000	45.0000
981115	222.00	223.00	0.0090		0.5000	19.0000	56.0000
981116	223.00	224.00	0.3020		1.0000	77.0000	194.0000
981117	224.00	225.00	0.0110		1.0000	24.0000	20.0000
981118	225.00	226.00	0.0070		0.5000	17.0000	18.0000

Hole Number: TL11121

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981119	226.00	227.00	0.0080		1.0000	19.0000	32.0000
981121	227.00	228.00	0.0020		1.0000	15.0000	31.0000
981122	228.00	229.50	0.0160		1.0000	19.0000	55.0000
981123	258.00	259.50	0.0120		1.0000	26.0000	31.0000
981124	259.50	260.54	0.0070		2.0000	37.0000	85.0000
981125	260.54	262.00	0.0220		2.0000	112.0000	182.0000
981127	262.00	263.00	1.3820		7.0000	1086.0000	1200.0000
981128	263.00	264.00	1.5870		25.0000	1937.0000	4812.0000
981129	264.00	265.00	0.4800		12.0000	661.0000	1047.0000
981131	265.00	266.65	0.7590		7.0000	229.0000	427.0000
981132	266.65	267.00	19.6250	10.9340	123.0000	16963.0000	43982.0000
981133	267.00	267.50	0.8860		7.0000	854.0000	946.0000
981134	267.50	268.00	76.1920	45.2570	150.0000	15094.0000	13401.0000
981135	268.00	269.00	0.0020		8.0000	748.0000	1593.0000
981136	269.00	270.00	2.3870		5.0000	450.0000	1202.0000
981137	270.00	271.00	1.5200		8.0000	819.0000	2888.0000
981138	271.00	272.00	0.5270		0.5000	41.0000	61.0000
981139	272.00	273.00	0.0690		0.5000	18.0000	31.0000
981141	273.00	274.00	0.0390		4.0000	89.0000	147.0000
981142	274.00	275.00	0.2300		0.5000	19.0000	21.0000
981143	275.00	276.00	0.0350		1.0000	13.0000	19.0000
981144	276.00	277.00	0.0220		0.5000	19.0000	20.0000
981145	277.00	278.00	0.0250		1.0000	80.0000	1902.0000
981147	278.00	279.00	0.1430		2.0000	34.0000	86.0000
981148	279.00	280.00	1.2610		3.0000	86.0000	239.0000
981149	280.00	281.00	0.1330		2.0000	78.0000	113.0000
981151	281.00	282.00	0.1450		0.5000	69.0000	81.0000
981152	282.00	283.00	0.5260		2.0000	243.0000	186.0000
981153	283.00	284.00	4.1450		1.0000	107.0000	352.0000
981154	284.00	285.00	3.4580		6.0000	1517.0000	2135.0000
981155	285.00	286.00	3.2090		7.0000	877.0000	2237.0000
981156	286.00	287.00	0.1750		0.5000	57.0000	94.0000
981157	287.00	288.00	0.0460		2.0000	19.0000	65.0000
981158	288.00	289.50	0.0140		2.0000	19.0000	84.0000
981159	289.50	291.00	0.0070		1.0000	25.0000	47.0000
981161	291.00	292.50	0.0170		0.5000	18.0000	38.0000
981162	292.50	294.00	0.0310		2.0000	17.0000	116.0000
981163	294.00	295.50	0.0060		0.5000	16.0000	48.0000
981164	295.50	297.00	0.0080		2.0000	22.0000	220.0000

Hole Number: TL11121

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981165	297.00	298.50	0.0060		0.5000	22.0000	194.0000
981167	298.50	300.00	0.0040		1.0000	17.0000	245.0000
981168	300.00	301.50	0.0050		0.5000	17.0000	65.0000
981169	301.50	303.00	0.0120		0.5000	23.0000	242.0000
981171	303.00	304.50	0.0040		0.5000	16.0000	62.0000
981172	304.50	306.00	0.0060		0.5000	13.0000	39.0000
981173	306.00	307.50	0.0040		0.5000	14.0000	29.0000
981174	307.50	309.00	0.0100		0.5000	15.0000	39.0000
981175	309.00	310.50	0.0140		0.5000	13.0000	23.0000
981176	310.50	312.00	0.0110		1.0000	12.0000	36.0000
981177	312.00	313.50	0.0080		1.0000	13.0000	39.0000
981178	313.50	315.00	0.0080		1.0000	18.0000	51.0000
981179	315.00	316.50	0.0080		0.5000	18.0000	92.0000
981181	316.50	318.00	0.0230		4.0000	23.0000	99.0000
981182	337.00	338.00	0.0260		1.0000	29.0000	59.0000
981183	338.00	339.50	0.2640		0.5000	31.0000	110.0000
981184	339.50	341.00	0.0570		1.0000	43.0000	82.0000
981185	341.00	342.50	0.3520		6.0000	100.0000	944.0000
981187	342.50	344.00	0.1620		1.0000	52.0000	120.0000
981188	344.00	345.50	0.4770		2.0000	54.0000	74.0000
981189	345.50	347.00	0.1540		1.0000	68.0000	84.0000
981191	347.00	348.29	1.1160		3.0000	77.0000	792.0000
981192	348.29	349.00	0.0530		0.5000	48.0000	56.0000
981193	349.00	350.00	0.1830		1.0000	80.0000	573.0000
981194	350.00	351.00	0.1050		1.0000	100.0000	210.0000
981195	351.00	352.00	0.0610		2.0000	153.0000	120.0000
981196	352.00	353.00	10.3070	6.4120	14.0000	1095.0000	193.0000
981197	353.00	354.00	0.4370		0.5000	161.0000	1790.0000
981198	354.00	355.00	0.0820		1.0000	68.0000	764.0000
981199	355.00	356.00	0.0800		1.0000	82.0000	311.0000
981201	356.00	357.00	0.0550		3.0000	142.0000	2479.0000
981202	357.00	358.60	0.1140		0.5000	169.0000	1600.0000
981203	358.60	360.00	0.1000		0.5000	47.0000	206.0000
981204	360.00	361.50	0.0300		2.0000	38.0000	597.0000
Sample Type	CDUP						
981126	260.54	262.00	0.0550		1.0000	111.0000	292.0000
981146	277.00	278.00	0.0450		2.0000	74.0000	1754.0000
981166	297.00	298.50	0.0050		0.5000	23.0000	191.0000
981186	341.00	342.50	0.2440		4.0000	78.0000	184.0000

# DETAILED LOG

Hole Number: TL11122

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511887.05	North:	Collar Az: 310.00
Location: Zealand Township	East: 528345.87	East:	Length: 369.00
	Elev: 394.28	Elev:	Start Depth: 0.00
Date Started: Jan 25, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jan 28, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 369.00

Comments: Main zone from 257.57 - 295.99 m. C zone from 345.75-361.63 m.  
 For Main zone 4% pyrite + 4% sphalerite + 1% pyrrhotite + galena + 3% chalcopyrite.  
 From 274.15-274.27 m, Electrum found through patch of chlorite alteration.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	310.00	-65.00	EZ Sho'	OK		16.50	311.90	-65.50	EZ Sho'	OK	
51.00	313.40	-64.70	EZ Sho'	OK		102.00	315.70	-63.30	EZ Sho'	OK	
150.00	319.80	-62.00	EZ Sho'	OK		201.00	323.60	-60.20	EZ Sho'	OK	
250.00	326.40	-57.40	EZ Sho'	OK		300.00	328.50	-56.20	EZ Sho'	OK	
354.00	329.40	-55.40	EZ Sho'	OK		369.00	331.20	-54.70	EZ Sho'	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	10.50	OB, Overburden									
10.50	125.26	BMS, Biotite Muscovite Schist Large BMS; little mineralization other than rare sph stringers. Common chl/epi alteration in bands and near fracturing.	981205	108.00	109.50	1.50	0.26		3.00	289.00	1060.00
			981206	108.00	109.50	1.50	0.13		4.00	250.00	826.00
			981207	109.50	111.00	1.50	2.20		3.00	187.00	895.00
			981208	111.00	112.50	1.50	0.10		4.00	119.00	856.00
			981209	122.50	124.00	1.50	0.02		3.00	21.00	114.00
			981211	124.00	125.26	1.26	0.00		2.00	12.00	72.00
125.26	132.05	MSS, Muscovite Sericite Schist Small MSS zone with little mineralization.	981212	125.26	126.50	1.24	0.01		1.00	31.00	54.00
			981213	126.50	127.50	1.00	0.04		2.00	9.00	58.00
			981214	127.50	128.50	1.00	0.00		2.00	15.00	47.00
			981215	128.50	129.50	1.00	0.00		2.00	14.00	96.00
			981216	129.50	130.50	1.00	0.00		0.50	10.00	63.00
			981217	130.50	132.05	1.55	0.00		2.00	15.00	76.00
132.05	210.00	BMS, Biotite Muscovite Schist	981218	132.05	133.50	1.45	0.01		0.50	13.00	92.00
			981219	208.50	210.00	1.50	0.15		2.00	60.00	165.00



Hole Number: TL11122

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
210.00	223.60	MSS, Muscovite Sericite Schist	981221	210.00	211.50	1.50	0.07		1.00	35.00	688.00
		Small hangingwall MSS with variable sr alteration in patches. Little mineralization besides sph stringers within folds at BMS/MSS transition	981222	211.50	213.00	1.50	0.01		0.50	14.00	144.00
			981223	213.00	214.50	1.50	0.01		2.00	21.00	80.00
			981224	214.50	216.00	1.50	0.01		1.00	26.00	117.00
			981225	216.00	217.50	1.50	0.01		2.00	39.00	139.00
			981226	216.00	217.50	1.50	0.01		1.00	41.00	106.00
			981227	217.50	219.00	1.50	0.01		1.00	32.00	84.00
			981228	219.00	220.50	1.50	0.01		1.00	17.00	49.00
			981229	220.50	222.00	1.50	0.02		1.00	27.00	44.00
			981231	222.00	223.60	1.60	0.03		0.50	37.00	64.00
223.60	257.57	BMS, Biotite Muscovite Schist	981232	223.60	225.00	1.40	0.03		1.00	16.00	66.00
		Small BMS before main zone. Little mineralization	981233	256.00	257.57	1.57	1.48		73.00	186.00	359.00

# DETAILED LOG

Hole Number: TL11122

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
257.57	295.99	MSS, Muscovite Sericite Schist  Large Main zone/MSS with strong sericitization that slowly decreases as it transitions into next BMS zone. Abundant mineralization in semi-massive stringers of py; sph; gn; cpy. Majority of mineralized stringers are found in the first half of zone. From 274.15-274.27m there is a chl/epi alteration band with silver coloured veins (electrum) running through it.	981234	257.57	259.00	1.43	0.62		10.00	2110.00	1618.00
			981235	259.00	260.00	1.00	1.67		17.00	2140.00	10301.00
			981236	260.00	261.00	1.00	0.15		3.00	187.00	924.00
			981237	261.00	262.00	1.00	0.39		11.00	1511.00	2150.00
			981238	262.00	263.00	1.00	0.61		13.00	1461.00	1572.00
			981239	263.00	264.00	1.00	0.20		4.00	659.00	1913.00
			981241	264.00	265.00	1.00	0.80		8.00	1301.00	3132.00
			981242	265.00	266.00	1.00	0.90		14.00	4190.00	7027.00
			981243	266.00	267.00	1.00	0.41		4.00	250.00	722.00
			981244	267.00	268.00	1.00	0.17		3.00	138.00	557.00
			981245	268.00	269.00	1.00	0.13		2.00	131.00	858.00
			981246	268.00	269.00	1.00	0.24		4.00	95.00	991.00
			981247	269.00	270.00	1.00	1.99		9.00	628.00	577.00
			981248	270.00	271.00	1.00	1.24		36.00	3553.00	12974.00
			981249	271.00	272.00	1.00	0.42		3.00	167.00	374.00
			981251	272.00	273.00	1.00	2.23		10.00	782.00	1406.00
			981252	273.00	274.08	1.08	3.35		219.00	348.00	83.00
			981253	274.08	274.28	0.20	205.44	244.26	1214.00	1756.00	108.00
			981254	274.28	276.00	1.72	0.26		11.00	67.00	130.00
			981255	276.00	277.00	1.00	0.84		9.00	461.00	4631.00
			981256	277.00	278.00	1.00	1.08		5.00	370.00	529.00
			981257	278.00	279.00	1.00	4.28		15.00	1283.00	3174.00
			981258	279.00	280.00	1.00	0.33		2.00	134.00	253.00
			981259	280.00	281.00	1.00	0.16		1.00	32.00	91.00
			981261	281.00	282.00	1.00	0.03		4.00	85.00	154.00
			981262	282.00	283.50	1.50	11.09	13.77	207.00	298.00	282.00
			981263	283.50	285.00	1.50	0.09		5.00	49.00	590.00
			981264	285.00	286.50	1.50	0.02		2.00	17.00	73.00
			981265	286.50	288.00	1.50	0.02		1.00	10.00	103.00
			981266	286.50	288.00	1.50	0.01		1.00	7.00	94.00
		981267	288.00	289.50	1.50	0.02		2.00	14.00	122.00	
		981268	289.50	291.00	1.50	0.01		0.50	6.00	42.00	
		981269	291.00	292.50	1.50	0.01		1.00	11.00	63.00	
		981271	292.50	294.00	1.50	0.01		0.50	10.00	70.00	
		981272	294.00	295.00	1.00	0.00		0.50	7.00	48.00	
		981273	295.00	295.99	0.99	0.00		0.50	5.00	35.00	
295.99	345.75	BMS, Biotite Muscovite Schist  BMS transitions from previous MSS zone. Slightly greater sericitization in first 20m then decreases. Little mineralization other than diss. py and local stringers of py	981274	295.99	297.50	1.51	0.01		1.00	6.00	52.00
			981275	344.00	345.75	1.75	0.02		0.50	43.00	228.00

# DETAILED LOG

Hole Number: TL11122

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
345.75	361.63	MSS, Muscovite Sericite Schist Small MSS zone with consistently strong sericitization. Common 1-2mm wide sph stringers throughout unit.	981276	345.75	347.00	1.25	0.17		0.50	75.00	221.00
			981277	347.00	348.00	1.00	0.13		0.50	50.00	197.00
			981278	348.00	349.00	1.00	0.08		1.00	33.00	178.00
			981279	349.00	350.00	1.00	0.07		3.00	38.00	102.00
			981281	350.00	351.00	1.00	0.11		0.50	40.00	238.00
			981282	351.00	352.00	1.00	0.16		0.50	29.00	146.00
			981283	352.00	353.00	1.00	0.25		2.00	56.00	1010.00
			981284	353.00	354.00	1.00	0.08		1.00	36.00	83.00
			981285	354.00	355.00	1.00	0.32		0.50	176.00	2068.00
			981286	354.00	355.00	1.00	0.47		0.50	162.00	2750.00
			981287	355.00	356.00	1.00	0.26		2.00	213.00	1253.00
			981288	356.00	357.00	1.00	0.12		1.00	53.00	86.00
			981289	357.00	358.00	1.00	0.24		3.00	444.00	860.00
			981291	358.00	359.00	1.00	0.09		1.00	454.00	680.00
		981292	359.00	360.00	1.00	0.60		2.00	167.00	1547.00	
		981293	360.00	361.63	1.63	0.10		0.50	29.00	202.00	
361.63	369.00	BMS, Biotite Muscovite Schist	981294	361.63	363.00	1.37	0.16		0.50	25.00	90.00
			981295	363.00	364.50	1.50	0.12		0.50	53.00	714.00

**Samples**

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981205	108.00	109.50	0.2620		3.0000	289.0000	1060.0000
981207	109.50	111.00	2.1970		3.0000	187.0000	895.0000
981208	111.00	112.50	0.1010		4.0000	119.0000	856.0000
981209	122.50	124.00	0.0190		3.0000	21.0000	114.0000
981211	124.00	125.26	0.0040		2.0000	12.0000	72.0000
981212	125.26	126.50	0.0050		1.0000	31.0000	54.0000
981213	126.50	127.50	0.0360		2.0000	9.0000	58.0000
981214	127.50	128.50	0.0040		2.0000	15.0000	47.0000
981215	128.50	129.50	0.0040		2.0000	14.0000	96.0000
981216	129.50	130.50	0.0005		0.5000	10.0000	63.0000
981217	130.50	132.05	0.0030		2.0000	15.0000	76.0000
981218	132.05	133.50	0.0080		0.5000	13.0000	92.0000
981219	208.50	210.00	0.1520		2.0000	60.0000	165.0000
981221	210.00	211.50	0.0650		1.0000	35.0000	688.0000
981222	211.50	213.00	0.0100		0.5000	14.0000	144.0000
981223	213.00	214.50	0.0070		2.0000	21.0000	80.0000
981224	214.50	216.00	0.0100		1.0000	26.0000	117.0000
981225	216.00	217.50	0.0120		2.0000	39.0000	139.0000
981227	217.50	219.00	0.0110		1.0000	32.0000	84.0000

Hole Number: TL11122

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981228	219.00	220.50	0.0090		1.0000	17.0000	49.0000
981229	220.50	222.00	0.0200		1.0000	27.0000	44.0000
981231	222.00	223.60	0.0280		0.5000	37.0000	64.0000
981232	223.60	225.00	0.0320		1.0000	16.0000	66.0000
981233	256.00	257.57	1.4830		73.0000	186.0000	359.0000
981234	257.57	259.00	0.6210		10.0000	2110.0000	1618.0000
981235	259.00	260.00	1.6730		17.0000	2140.0000	10301.0000
981236	260.00	261.00	0.1530		3.0000	187.0000	924.0000
981237	261.00	262.00	0.3900		11.0000	1511.0000	2150.0000
981238	262.00	263.00	0.6100		13.0000	1461.0000	1572.0000
981239	263.00	264.00	0.2000		4.0000	659.0000	1913.0000
981241	264.00	265.00	0.8000		8.0000	1301.0000	3132.0000
981242	265.00	266.00	0.9040		14.0000	4190.0000	7027.0000
981243	266.00	267.00	0.4140		4.0000	250.0000	722.0000
981244	267.00	268.00	0.1680		3.0000	138.0000	557.0000
981245	268.00	269.00	0.1290		2.0000	131.0000	858.0000
981247	269.00	270.00	1.9880		9.0000	628.0000	577.0000
981248	270.00	271.00	1.2430		36.0000	3553.0000	12974.0000
981249	271.00	272.00	0.4210		3.0000	167.0000	374.0000
981251	272.00	273.00	2.2280		10.0000	782.0000	1406.0000
981252	273.00	274.08	3.3500		219.0000	348.0000	83.0000
981253	274.08	274.28	205.4430	244.2550	1214.0000	1756.0000	108.0000
981254	274.28	276.00	0.2560		11.0000	67.0000	130.0000
981255	276.00	277.00	0.8400		9.0000	461.0000	4631.0000
981256	277.00	278.00	1.0840		5.0000	370.0000	529.0000
981257	278.00	279.00	4.2760		15.0000	1283.0000	3174.0000
981258	279.00	280.00	0.3320		2.0000	134.0000	253.0000
981259	280.00	281.00	0.1580		1.0000	32.0000	91.0000
981261	281.00	282.00	0.0310		4.0000	85.0000	154.0000
981262	282.00	283.50	11.0850	13.7660	207.0000	298.0000	282.0000
981263	283.50	285.00	0.0930		5.0000	49.0000	590.0000
981264	285.00	286.50	0.0180		2.0000	17.0000	73.0000
981265	286.50	288.00	0.0200		1.0000	10.0000	103.0000
981267	288.00	289.50	0.0170		2.0000	14.0000	122.0000
981268	289.50	291.00	0.0070		0.5000	6.0000	42.0000
981269	291.00	292.50	0.0100		1.0000	11.0000	63.0000
981271	292.50	294.00	0.0050		0.5000	10.0000	70.0000
981272	294.00	295.00	0.0030		0.5000	7.0000	48.0000
981273	295.00	295.99	0.0040		0.5000	5.0000	35.0000

Hole Number: TL11122

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981274	295.99	297.50	0.0080		1.0000	6.0000	52.0000
981275	344.00	345.75	0.0210		0.5000	43.0000	228.0000
981276	345.75	347.00	0.1690		0.5000	75.0000	221.0000
981277	347.00	348.00	0.1290		0.5000	50.0000	197.0000
981278	348.00	349.00	0.0810		1.0000	33.0000	178.0000
981279	349.00	350.00	0.0720		3.0000	38.0000	102.0000
981281	350.00	351.00	0.1120		0.5000	40.0000	238.0000
981282	351.00	352.00	0.1600		0.5000	29.0000	146.0000
981283	352.00	353.00	0.2450		2.0000	56.0000	1010.0000
981284	353.00	354.00	0.0780		1.0000	36.0000	83.0000
981285	354.00	355.00	0.3150		0.5000	176.0000	2068.0000
981287	355.00	356.00	0.2640		2.0000	213.0000	1253.0000
981288	356.00	357.00	0.1230		1.0000	53.0000	86.0000
981289	357.00	358.00	0.2420		3.0000	444.0000	860.0000
981291	358.00	359.00	0.0860		1.0000	454.0000	680.0000
981292	359.00	360.00	0.6000		2.0000	167.0000	1547.0000
981293	360.00	361.63	0.1010		0.5000	29.0000	202.0000
981294	361.63	363.00	0.1600		0.5000	25.0000	90.0000
981295	363.00	364.50	0.1180		0.5000	53.0000	714.0000
Sample Type	CDUP						
981206	108.00	109.50	0.1330		4.0000	250.0000	826.0000
981226	216.00	217.50	0.0100		1.0000	41.0000	106.0000
981246	268.00	269.00	0.2380		4.0000	95.0000	991.0000
981266	286.50	288.00	0.0090		1.0000	7.0000	94.0000
981286	354.00	355.00	0.4650		0.5000	162.0000	2750.0000

# DETAILED LOG

Hole Number: TL11123

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -63.00
Project Number: TMI-TL	North: 5511868.22	North:	Collar Az: 306.00
Location: Zealand Township	East: 528338.94	East:	Length: 405.00
	Elev: 393.79	Elev:	Start Depth: 0.00
Date Started: Jan 28, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jan 31, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 405.00

Comments: Main Zone from 291.69-344.73 m. 2-3% disseminated pyrite + 2% sphalerite + trace pyrrhotite + trace chalcopyrite.  
C Zone from 368.61-392.56 m.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	306.00	-65.00	EZ Sho	OK		18.00	306.40	-62.70	EZ Sho	OK	Roll 255.3; Mag Field 5897; Temp 7.4
51.00	307.90	-62.50	EZ Sho	OK	Roll 218.1; Mag Field 5835; Temp 8.8	102.00	310.80	-61.60	EZ Sho	OK	Roll 276.9; Mag Field 5829; Temp 9.1
153.00	311.90	-61.20	EZ Sho	OK	Roll 192.3; Mag Field 5797; Temp 10.1	204.00	314.00	-59.70	EZ Sho	OK	Roll 184.5; Mag Field 5823; Temp 12.6
252.00	317.90	-58.70	EZ Sho	OK	Roll 195.2; Mag Field 5808; Temp 10.2	303.00	321.60	-57.20	EZ Sho	OK	Roll 283.1; Mag Field 5794; Temp 10.9
351.00	324.10	-53.30	EZ Sho	OK	Roll 326.4; Mag Field 5790; Temp 3.4	405.00	327.70	-47.50	EZ Sho	OK	Roll 286.6; Mag Field 5773; Temp 11.3

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	11.00	OB, Overburden									
11.00	188.55	BMS, Biotite Muscovite Schist Large BMS with variable sr alteration. Lower half has a slight increase in abundance of sph stringers but is still minimal mineralization.	981296	187.00	188.55	1.55	0.02		1.00	0.50	32.00
188.55	196.67	MSS, Muscovite Sericite Schist Small MSS zone with strong sr and si alteration. Little mineralization.	981297	188.55	190.00	1.45	0.01		0.50	33.00	13.00
			981298	190.00	191.00	1.00	0.01		0.50	0.50	16.00
			981299	191.00	192.00	1.00	0.01		2.00	0.50	17.00
			981301	192.00	193.00	1.00	0.01		1.00	0.50	14.00
			981302	193.00	194.00	1.00	0.01		1.00	0.50	12.00
			981303	194.00	195.00	1.00	0.01		0.50	0.50	14.00
			981304	195.00	196.67	1.67	0.01		0.50	0.50	15.00
196.67	232.07	BMS, Biotite Muscovite Schist BMS with weak sr alteration. Common sph stringers throughout with abundant F2 folding adjacent to qz veins.	981305	196.67	198.00	1.33	0.02		1.00	14.00	44.00
			981306	196.67	198.00	1.33	0.02		2.00	2.00	43.00
			981307	229.50	231.00	1.50	3.21		1.00	11.00	62.00
			981308	231.00	232.07	1.07	0.32		0.50	19.00	69.00

DETAILED LOG

Hole Number: TL11123

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
232.07	252.00	MSS, Muscovite Sericite Schist Strongly sr and si alteration. Little mineralization other than a few sph stringers at the transition from BMS to MSS.	981309	232.07	233.00	0.93	0.19		3.00	34.00	3183.0
			981311	233.00	234.00	1.00	0.04		2.00	6.00	87.0
			981312	234.00	235.50	1.50	0.03		1.00	7.00	20.0
			981313	235.50	237.00	1.50	0.01		0.50	10.00	95.0
			981314	237.00	238.00	1.00	0.02		1.00	56.00	715.0
			981315	238.00	239.00	1.00	0.01		2.00	104.00	246.0
			981316	239.00	240.00	1.00	0.01		1.00	13.00	24.0
			981317	240.00	241.50	1.50	0.01		2.00	5.00	37.0
			981318	241.50	243.00	1.50	0.01		0.50	5.00	35.0
			981319	243.00	244.50	1.50	0.01		2.00	18.00	79.0
			981321	244.50	246.00	1.50	0.01		7.00	140.00	241.0
			981322	246.00	247.50	1.50	0.01		3.00	15.00	87.0
			981323	247.50	249.00	1.50	0.01		2.00	1.00	22.0
			981324	249.00	250.50	1.50	0.02		0.50	0.50	19.0
			981326	250.50	252.00	1.50	0.01		1.00	3.00	22.0
981325	250.50	252.00	1.50	0.01		1.00	3.00	18.0			
252.00	291.69	BMS, Biotite Muscovite Schist BMS zone with variable sericitization; little mineralization other than diss. py and stringers.	981327	252.00	253.50	1.50	0.01		2.00	10.00	56.0
			981328	290.00	291.69	1.69	0.89		10.00	51.00	241.0

# DETAILED LOG

Hole Number: TL11123

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
291.69	344.73	MSS, Muscovite Sericite Schist	981329	291.69	292.69	1.00	0.68		8.00	293.00	616.00
		Large MSS main zone where higher degrees of mineralization occurs in the top half. bottom half is a transition into next BMS. Common sph stringers occurs within first 10-15m	981331	292.69	293.69	1.00	0.39		7.00	137.00	571.00
			981332	293.69	294.69	1.00	0.45		6.00	188.00	783.00
			981333	294.69	296.00	1.31	0.55		11.00	364.00	866.00
			981334	296.00	297.00	1.00	0.32		5.00	24.00	58.00
			981335	297.00	298.00	1.00	1.24		5.00	135.00	688.00
			981336	298.00	299.00	1.00	0.96		5.00	320.00	508.00
			981337	299.00	300.00	1.00	5.42	5.37	23.00	2701.00	4474.00
			981338	300.00	301.00	1.00	3.31		12.00	575.00	1142.00
			981339	301.00	302.00	1.00	0.43		3.00	45.00	123.00
			981341	302.00	303.00	1.00	0.42		3.00	22.00	140.00
			981342	303.00	304.00	1.00	0.63		11.00	45.00	61.00
			981343	304.00	305.00	1.00	1.39		15.00	103.00	426.00
			981344	305.00	306.00	1.00	0.23		3.00	26.00	78.00
			981345	306.00	307.00	1.00	0.29		2.00	137.00	740.00
			981346	306.00	307.00	1.00	0.29		3.00	172.00	784.00
			981347	307.00	308.00	1.00	0.04		3.00	13.00	60.00
			981348	308.00	309.00	1.00	0.01		2.00	5.00	40.00
			981349	309.00	310.50	1.50	0.01		1.00	3.00	14.00
			981351	310.50	312.00	1.50	0.01		1.00	5.00	15.00
			981352	312.00	313.50	1.50	0.02		2.00	10.00	18.00
			981353	313.50	315.00	1.50	0.01		1.00	4.00	31.00
			981354	315.00	316.50	1.50	0.01		1.00	0.50	22.00
			981355	316.50	318.00	1.50	0.01		2.00	0.50	24.00
			981356	318.00	319.50	1.50	0.25		2.00	33.00	23.00
			981357	319.50	321.00	1.50	0.00		0.50	0.50	38.00
			981358	321.00	322.50	1.50	0.00		0.50	2.00	23.00
		981359	322.50	324.00	1.50	0.00		2.00	3.00	18.00	
		981361	324.00	325.50	1.50	0.11		33.00	36.00	92.00	
		981362	325.50	327.00	1.50	0.02		3.00	5.00	25.00	
		981363	327.00	328.50	1.50	0.02		1.00	2.00	12.00	
		981364	328.50	330.00	1.50	0.01		0.50	2.00	14.00	
		981365	330.00	331.50	1.50	0.01		0.50	0.50	17.00	
		981366	330.00	331.50	1.50	0.01		2.00	1.00	16.00	
		981367	331.50	333.00	1.50	0.01		2.00	3.00	19.00	
		981368	333.00	334.50	1.50	0.01		1.00	5.00	16.00	
		981369	334.50	336.00	1.50	0.01		0.50	35.00	16.00	
		981371	336.00	337.50	1.50	0.00		1.00	4.00	15.00	
		981372	337.50	339.00	1.50	0.01		2.00	12.00	17.00	
		981373	339.00	340.50	1.50	0.01		0.50	5.00	21.00	
		981374	340.50	342.00	1.50	0.01		1.00	6.00	45.00	
		981375	342.00	343.50	1.50	0.01		1.00	16.00	164.00	
		981376	343.50	344.73	1.23	0.01		1.00	9.00	29.00	



DETAILED LOG

Hole Number: TL11123

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
344.73	368.61	BMS, Biotite Muscovite Schist	981377	344.73	346.00	1.27	0.02		2.00	13.00	62.00
			981378	367.00	368.61	1.61	0.03		2.00	11.00	25.00
368.61	392.56	MSS, Muscovite Sericite Schist MSS C-zone with strong sericitization and common F2 folding. Common sph stringers throughout with more condensed stringers within 5m of lower BMS contact.	981379	368.61	370.00	1.39	0.07		1.00	16.00	65.00
			981381	370.00	371.00	1.00	0.09		7.00	138.00	237.00
			981382	371.00	372.00	1.00	0.32		5.00	149.00	182.00
			981383	372.00	373.00	1.00	0.28		2.00	31.00	83.00
			981384	373.00	374.00	1.00	0.04		3.00	37.00	225.00
			981385	374.00	375.00	1.00	0.06		0.50	19.00	69.00
			981386	374.00	375.00	1.00	0.17		2.00	19.00	57.00
			981387	375.00	376.00	1.00	0.06		0.50	19.00	31.00
			981388	376.00	377.00	1.00	0.50		3.00	49.00	164.00
			981389	377.00	378.00	1.00	0.50		3.00	93.00	614.00
			981391	378.00	379.00	1.00	0.03		0.50	24.00	15.00
			981392	379.00	380.00	1.00	0.26		1.00	29.00	1904.00
			981393	380.00	381.00	1.00	0.10		1.00	24.00	41.00
			981394	381.00	382.00	1.00	0.32		1.00	39.00	443.00
			981395	382.00	383.00	1.00	0.06		1.00	29.00	322.00
			981396	383.00	384.00	1.00	0.40		3.00	102.00	201.00
			981397	384.00	385.00	1.00	0.09		2.00	25.00	151.00
			981398	385.00	386.00	1.00	0.04		0.50	26.00	189.00
			981399	386.00	387.00	1.00	0.07		2.00	95.00	175.00
			981401	387.00	388.00	1.00	0.11		2.00	608.00	1339.00
		981402	388.00	389.00	1.00	0.21		0.50	255.00	941.00	
		981403	389.00	390.00	1.00	0.97		3.00	230.00	5451.00	
		981404	390.00	391.25	1.25	1.23		6.00	1452.00	3869.00	
		981405	391.25	392.56	1.31	0.19		0.50	31.00	205.00	
		981406	391.25	392.56	1.31	0.22		1.00	54.00	364.00	
392.56	405.00	BMS, Biotite Muscovite Schist Unremarkable BMS zone after C-zone	981407	392.56	394.00	1.44	0.03		2.00	25.00	102.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981296	187.00	188.55	0.0160		1.0000	0.5000	32.0000
981297	188.55	190.00	0.0080		0.5000	33.0000	13.0000
981298	190.00	191.00	0.0070		0.5000	0.5000	16.0000
981299	191.00	192.00	0.0100		2.0000	0.5000	17.0000
981301	192.00	193.00	0.0070		1.0000	0.5000	14.0000
981302	193.00	194.00	0.0080		1.0000	0.5000	12.0000
981303	194.00	195.00	0.0080		0.5000	0.5000	14.0000
981304	195.00	196.67	0.0090		0.5000	0.5000	15.0000
981305	196.67	198.00	0.0210		1.0000	14.0000	44.0000

Hole Number: TL11123

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981307	229.50	231.00	3.2080		1.0000	11.0000	62.0000
981308	231.00	232.07	0.3240		0.5000	19.0000	69.0000
981309	232.07	233.00	0.1850		3.0000	34.0000	3183.0000
981311	233.00	234.00	0.0390		2.0000	6.0000	87.0000
981312	234.00	235.50	0.0310		1.0000	7.0000	20.0000
981313	235.50	237.00	0.0110		0.5000	10.0000	95.0000
981314	237.00	238.00	0.0160		1.0000	56.0000	715.0000
981315	238.00	239.00	0.0140		2.0000	104.0000	246.0000
981316	239.00	240.00	0.0050		1.0000	13.0000	24.0000
981317	240.00	241.50	0.0050		2.0000	5.0000	37.0000
981318	241.50	243.00	0.0050		0.5000	5.0000	35.0000
981319	243.00	244.50	0.0070		2.0000	18.0000	79.0000
981321	244.50	246.00	0.0110		7.0000	140.0000	241.0000
981322	246.00	247.50	0.0100		3.0000	15.0000	87.0000
981323	247.50	249.00	0.0140		2.0000	1.0000	22.0000
981324	249.00	250.50	0.0190		0.5000	0.5000	19.0000
981325	250.50	252.00	0.0070		1.0000	3.0000	18.0000
981327	252.00	253.50	0.0120		2.0000	10.0000	56.0000
981328	290.00	291.69	0.8920		10.0000	51.0000	241.0000
981329	291.69	292.69	0.6780		8.0000	293.0000	616.0000
981331	292.69	293.69	0.3920		7.0000	137.0000	571.0000
981332	293.69	294.69	0.4460		6.0000	188.0000	783.0000
981333	294.69	296.00	0.5490		11.0000	364.0000	866.0000
981334	296.00	297.00	0.3210		5.0000	24.0000	58.0000
981335	297.00	298.00	1.2420		5.0000	135.0000	688.0000
981336	298.00	299.00	0.9590		5.0000	320.0000	508.0000
981337	299.00	300.00	5.4220	5.3730	23.0000	2701.0000	4474.0000
981338	300.00	301.00	3.3090		12.0000	575.0000	1142.0000
981339	301.00	302.00	0.4330		3.0000	45.0000	123.0000
981341	302.00	303.00	0.4220		3.0000	22.0000	140.0000
981342	303.00	304.00	0.6260		11.0000	45.0000	61.0000
981343	304.00	305.00	1.3870		15.0000	103.0000	426.0000
981344	305.00	306.00	0.2260		3.0000	26.0000	78.0000
981345	306.00	307.00	0.2910		2.0000	137.0000	740.0000
981347	307.00	308.00	0.0350		3.0000	13.0000	60.0000
981348	308.00	309.00	0.0110		2.0000	5.0000	40.0000
981349	309.00	310.50	0.0070		1.0000	3.0000	14.0000
981351	310.50	312.00	0.0110		1.0000	5.0000	15.0000
981352	312.00	313.50	0.0150		2.0000	10.0000	18.0000

Hole Number: TL11123

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981353	313.50	315.00	0.0080		1.0000	4.0000	31.0000
981354	315.00	316.50	0.0050		1.0000	0.5000	22.0000
981355	316.50	318.00	0.0060		2.0000	0.5000	24.0000
981356	318.00	319.50	0.2530		2.0000	33.0000	23.0000
981357	319.50	321.00	0.0020		0.5000	0.5000	38.0000
981358	321.00	322.50	0.0040		0.5000	2.0000	23.0000
981359	322.50	324.00	0.0030		2.0000	3.0000	18.0000
981361	324.00	325.50	0.1140		33.0000	36.0000	92.0000
981362	325.50	327.00	0.0160		3.0000	5.0000	25.0000
981363	327.00	328.50	0.0240		1.0000	2.0000	12.0000
981364	328.50	330.00	0.0110		0.5000	2.0000	14.0000
981365	330.00	331.50	0.0070		0.5000	0.5000	17.0000
981367	331.50	333.00	0.0110		2.0000	3.0000	19.0000
981368	333.00	334.50	0.0060		1.0000	5.0000	16.0000
981369	334.50	336.00	0.0050		0.5000	35.0000	16.0000
981371	336.00	337.50	0.0040		1.0000	4.0000	15.0000
981372	337.50	339.00	0.0050		2.0000	12.0000	17.0000
981373	339.00	340.50	0.0100		0.5000	5.0000	21.0000
981374	340.50	342.00	0.0130		1.0000	6.0000	45.0000
981375	342.00	343.50	0.0130		1.0000	16.0000	164.0000
981376	343.50	344.73	0.0100		1.0000	9.0000	29.0000
981377	344.73	346.00	0.0220		2.0000	13.0000	62.0000
981378	367.00	368.61	0.0300		2.0000	11.0000	25.0000
981379	368.61	370.00	0.0680		1.0000	16.0000	65.0000
981381	370.00	371.00	0.0930		7.0000	138.0000	237.0000
981382	371.00	372.00	0.3170		5.0000	149.0000	182.0000
981383	372.00	373.00	0.2770		2.0000	31.0000	83.0000
981384	373.00	374.00	0.0390		3.0000	37.0000	225.0000
981385	374.00	375.00	0.0600		0.5000	19.0000	69.0000
981387	375.00	376.00	0.0570		0.5000	19.0000	31.0000
981388	376.00	377.00	0.4980		3.0000	49.0000	164.0000
981389	377.00	378.00	0.4960		3.0000	93.0000	614.0000
981391	378.00	379.00	0.0310		0.5000	24.0000	15.0000
981392	379.00	380.00	0.2620		1.0000	29.0000	1904.0000
981393	380.00	381.00	0.0990		1.0000	24.0000	41.0000
981394	381.00	382.00	0.3200		1.0000	39.0000	443.0000
981395	382.00	383.00	0.0570		1.0000	29.0000	322.0000
981396	383.00	384.00	0.3970		3.0000	102.0000	201.0000
981397	384.00	385.00	0.0900		2.0000	25.0000	151.0000

Hole Number: TL11123

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981398	385.00	386.00	0.0420		0.5000	26.0000	189.0000
981399	386.00	387.00	0.0720		2.0000	95.0000	175.0000
981401	387.00	388.00	0.1110		2.0000	608.0000	1339.0000
981402	388.00	389.00	0.2080		0.5000	255.0000	941.0000
981403	389.00	390.00	0.9740		3.0000	230.0000	5451.0000
981404	390.00	391.25	1.2250		6.0000	1452.0000	3869.0000
981405	391.25	392.56	0.1890		0.5000	31.0000	205.0000
981407	392.56	394.00	0.0310		2.0000	25.0000	102.0000
Sample Type	CDUP						
981306	196.67	198.00	0.0200		2.0000	2.0000	43.0000
981326	250.50	252.00	0.0090		1.0000	3.0000	22.0000
981346	306.00	307.00	0.2860		3.0000	172.0000	784.0000
981366	330.00	331.50	0.0060		2.0000	1.0000	16.0000
981386	374.00	375.00	0.1690		2.0000	19.0000	57.0000
981406	391.25	392.56	0.2240		1.0000	54.0000	364.0000

## DETAILED LOG

Hole Number: TL11124

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid:	Destination Coordinates Grid:	Collar Dip:
Project Number: TMI-TL	North:	North:	Collar Az:
Location: Zealand Township	East:	East:	Length: 0.00
	Elev:	Elev:	Start Depth: 0.00
Date Started: Feb 03, 2011	Collar Survey: N	Plugged: N	Contractor: Distinctive Drilling
Date Completed:	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 0.00

Comments: Failed hole; drill stuck @ 84m. Pulled back 5m to redrill hole

## Sample Averages

# DETAILED LOG

Hole Number: TL11124B

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -63.40
Project Number: TMI-TL	North: 5511840.61	North:	Collar Az: 302.00
Location: Zealand Township	East: 528348.70	East:	Length: 426.00
	Elev: 393.39	Elev:	Start Depth: 0.00
Date Started: Feb 01, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Feb 05, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 426.00

Comments: Main zone from 328.68-366.83 m. C zone from 395.83-422.90 m.  
 3% pyrite + uncommon sphalerite. In C zone 3% pyrite + 5% local chalcopyrite + 2% local galena + trace pyrrhotite.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	302.00	-65.00	EZ Sho	OK		21.00	302.00	-63.40	EZ Sho	OK	
54.00	306.00	-62.00	EZ Sho	OK		102.00	312.20	-61.30	EZ Sho	OK	
150.00	314.60	-60.10	EZ Sho	OK		204.00	316.50	-58.10	EZ Sho	OK	
252.00	317.00	-56.40	EZ Sho	OK		300.00	317.80	-54.60	EZ Sho	OK	
351.00	319.70	-52.30	EZ Sho	OK		405.00	322.30	-50.70	EZ Sho	OK	
426.00	322.70	-49.80	EZ Sho	OK							

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	13.50	OB, Overburden									
13.50	188.02	BMS, Biotite Muscovite Schist	981408	137.89	138.89	1.00	0.11		1.00	8.00	103.00
		Large BMS with variable sericitization. Little mineralization except through 139m-165m where there are common sph stringers. (139.89-140.89 has condensed stringers)	981409	138.89	139.89	1.00	1.13		7.00	8.00	539.00
			981411	139.89	140.89	1.00	0.65		10.00	12.00	23127.00
			981412	155.00	156.00	1.00	0.18		3.00	1689.00	7465.00
			981413	156.00	157.50	1.50	0.11		0.50	83.00	1309.00
			981414	157.50	159.00	1.50	0.14		0.50	1005.00	1792.00
			981415	159.00	160.50	1.50	0.35		2.00	487.00	2538.00
			981416	160.50	162.00	1.50	0.14		4.00	56.00	994.00
			981417	162.00	163.50	1.50	0.15		2.00	399.00	1748.00
			981418	163.50	165.00	1.50	0.08		0.50	23.00	428.00
			981419	179.20	180.70	1.50	0.01		0.50	26.00	106.00
			981421	186.50	188.02	1.52	0.02		0.50	21.00	122.00

## DETAILED LOG

Hole Number: TL11124B

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
188.02	200.00	MSS, Muscovite Sericite Schist Small MSS with section of very weak sericitization in middle. Little mineralization	981422	188.02	189.50	1.48	0.01		0.50	13.00	44.00
			981423	189.50	191.00	1.50	0.01		0.50	14.00	16.00
			981424	191.00	192.00	1.00	0.01		1.00	13.00	8.00
			981426	192.00	193.25	1.25	0.01		0.50	17.00	56.00
			981425	192.00	193.25	1.25	0.01		1.00	19.00	51.00
			981427	193.25	194.75	1.50	0.01		0.50	19.00	89.00
			981428	194.75	196.25	1.50	0.01		1.00	11.00	86.00
			981429	196.25	198.00	1.75	0.01		0.50	8.00	64.00
			981431	198.00	199.00	1.00	0.01		0.50	10.00	17.00
		981432	199.00	200.00	1.00	0.01		1.00	15.00	61.00	
200.00	224.11	BMS, Biotite Muscovite Schist	981433	200.00	201.00	1.00	0.01		0.50	13.00	43.00
			981434	223.00	224.11	1.11	0.01		0.50	14.00	46.00
224.11	232.00	MSS, Muscovite Sericite Schist Hangingwall MSS zone; little mineralization	981435	224.11	225.00	0.89	0.01		0.50	9.00	16.00
			981436	225.00	226.50	1.50	0.01		0.50	12.00	8.00
			981437	226.50	228.00	1.50	0.01		0.50	12.00	5.00
			981438	228.00	229.50	1.50	0.01		0.50	9.00	8.00
			981439	229.50	231.00	1.50	0.01		0.50	11.00	10.00
			981441	231.00	232.00	1.00	0.01		0.50	20.00	41.00
232.00	271.96	BMS, Biotite Muscovite Schist	981442	232.00	233.00	1.00	0.05		0.50	17.00	109.00
			981443	242.07	243.57	1.50	0.02		0.50	42.00	114.00
			981444	243.57	245.07	1.50	0.45		0.50	467.00	3119.00
			981445	245.07	246.57	1.50	0.02		0.50	157.00	251.00
			981446	245.07	246.57	1.50	0.01		0.50	94.00	204.00
			981447	246.57	248.07	1.50	0.02		0.50	187.00	484.00
			981448	269.00	270.50	1.50	0.02		2.00	31.00	96.00
			981449	270.50	271.96	1.46	0.81		0.50	32.00	86.00
271.96	287.17	MSS, Muscovite Sericite Schist Hangingwall MSS zone. Little mineralization	981451	271.96	273.00	1.04	0.01		0.50	48.00	161.00
			981452	273.00	274.50	1.50	0.01		0.50	11.00	55.00
			981453	274.50	276.00	1.50	0.01		0.50	12.00	57.00
			981454	276.00	277.50	1.50	0.01		0.50	12.00	68.00
			981455	277.50	279.00	1.50	0.01		0.50	16.00	166.00
			981456	279.00	280.50	1.50	0.01		0.50	15.00	24.00
			981457	280.50	282.00	1.50	0.01		0.50	17.00	26.00
			981458	282.00	283.50	1.50	0.01		0.50	28.00	145.00
			981459	283.50	285.00	1.50	0.01		0.50	16.00	40.00
			981461	285.00	286.00	1.00	0.01		0.50	13.00	27.00
			981462	286.00	287.17	1.17	0.01		0.50	13.00	21.00

# DETAILED LOG

Hole Number: TL11124B

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
287.17	328.68	BMS, Biotite Muscovite Schist	981463	287.17	288.50	1.33	0.02		2.00	17.00	58.00
			981464	292.50	294.00	1.50	0.04		0.50	59.00	553.00
			981465	322.50	324.00	1.50	0.97		5.00	106.00	492.00
			981466	322.50	324.00	1.50	1.78		7.00	129.00	742.00
			981467	324.00	325.00	1.00	1.60		26.00	1089.00	3017.00
			981468	325.00	326.00	1.00	2.15		30.00	387.00	452.00
			981469	326.00	327.00	1.00	0.93		14.00	155.00	247.00
			981471	327.00	328.68	1.68	0.24		3.00	57.00	214.00
328.68	366.83	MSS, Muscovite Sericite Schist Large MSS zone with strong sr alteration at the top and becomes variably weaker with depth. py and sph stringers appear in higher abundance in the first and last 10-15m of zone.	981472	328.68	330.00	1.32	1.25		6.00	226.00	612.00
			981473	330.00	331.00	1.00	3.54		51.00	2254.00	4366.00
			981474	331.00	332.00	1.00	3.32		17.00	207.00	767.00
			981475	332.00	333.00	1.00	2.30		14.00	426.00	1802.00
			981476	333.00	334.00	1.00	1.90		13.00	83.00	342.00
			981477	334.00	335.00	1.00	24.20	25.23	34.00	406.00	845.00
			981478	335.00	336.00	1.00	0.54		6.00	240.00	828.00
			981479	336.00	337.00	1.00	0.29		4.00	257.00	558.00
			981481	337.00	338.00	1.00	0.03		2.00	27.00	65.00
			981482	338.00	339.00	1.00	0.02		1.00	34.00	29.00
			981483	339.00	340.50	1.50	0.01		1.00	22.00	33.00
			981484	340.50	342.00	1.50	0.01		0.50	17.00	21.00
			981485	342.00	343.50	1.50	0.01		2.00	16.00	28.00
			981486	342.00	343.50	1.50	0.01		1.00	17.00	26.00
			981487	343.50	345.00	1.50	0.01		0.50	15.00	40.00
			981488	345.00	346.50	1.50	0.01		0.50	14.00	43.00
			981489	346.50	348.00	1.50	0.01		0.50	5.00	33.00
			981491	348.00	349.50	1.50	0.01		0.50	5.00	25.00
			981492	349.50	351.00	1.50	0.01		0.50	7.00	35.00
			981493	351.00	352.50	1.50	0.00		1.00	10.00	63.00
981494	352.50	354.00	1.50	0.01		0.50	16.00	55.00			
981495	354.00	355.00	1.00	0.01		2.00	18.00	37.00			
981496	355.00	356.00	1.00	0.50		46.00	213.00	244.00			
981497	356.00	357.00	1.00	0.72		59.00	441.00	613.00			
981498	357.00	358.50	1.50	0.01		3.00	32.00	94.00			
981499	358.50	360.00	1.50	0.02		2.00	19.00	54.00			
981501	360.00	361.50	1.50	0.01		2.00	31.00	69.00			
981502	361.50	363.00	1.50	0.01		0.50	18.00	75.00			
981503	363.00	364.50	1.50	0.00		0.50	13.00	12.00			
981504	364.50	366.00	1.50	0.01		0.50	12.00	11.00			
981505	366.00	366.83	0.83	0.00		2.00	10.00	20.00			
981506	366.00	366.83	0.83	0.00		0.50	9.00	18.00			
366.83	395.50	BMS, Biotite Muscovite Schist	981507	366.83	368.00	1.17	0.01		0.50	13.00	28.00
			981508	394.00	395.50	1.50	0.10		1.00	20.00	108.00



# DETAILED LOG

Hole Number: TL11124B

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
395.50	422.90	MSS, Muscovite Sericite Schist C-zone with strong sr alteration throughout. Chl alteration overprinting within fault zones. Abundant mineralization (py:cpy:sph; po:gn) in distributed sulfide stringers. Area of condensed stringers (417.93-418.17m)	981509	395.50	397.00	1.50	0.03		0.50	10.00	35.00
			981511	397.00	398.00	1.00	0.02		0.50	35.00	116.00
			981512	398.00	399.00	1.00	0.25		2.00	33.00	404.00
			981513	399.00	400.00	1.00	0.62		4.00	132.00	786.00
			981514	400.00	401.00	1.00	0.56		7.00	154.00	2059.00
			981515	401.00	402.00	1.00	0.23		3.00	84.00	243.00
			981516	402.00	403.00	1.00	0.46		7.00	65.00	907.00
			981517	403.00	404.00	1.00	0.12		3.00	43.00	128.00
			981518	404.00	405.00	1.00	0.07		0.50	39.00	87.00
			981519	405.00	406.00	1.00	0.11		2.00	28.00	58.00
			981521	406.00	407.00	1.00	0.37		6.00	340.00	482.00
			981522	407.00	408.00	1.00	0.07		2.00	88.00	225.00
			981523	408.00	409.00	1.00	0.08		2.00	36.00	67.00
			981524	409.00	410.00	1.00	0.35		4.00	41.00	411.00
			981525	410.00	411.00	1.00	0.62		11.00	96.00	226.00
			981526	410.00	411.00	1.00	0.24		4.00	69.00	455.00
			981527	411.00	412.00	1.00	0.14		1.00	55.00	233.00
			981528	412.00	413.00	1.00	0.05		3.00	52.00	511.00
			981529	413.00	414.00	1.00	0.31		3.00	293.00	834.00
			981531	414.00	415.00	1.00	0.15		2.00	230.00	1573.00
		981532	415.00	416.00	1.00	0.03		2.00	44.00	143.00	
		981533	416.00	417.35	1.35	0.04		1.00	43.00	132.00	
		981534	417.35	418.35	1.00	0.63		1.00	77.00	101.00	
		981535	418.35	419.35	1.00	0.17		26.00	10643.00	9927.00	
		981536	419.35	420.35	1.00	0.10		3.00	159.00	776.00	
		981537	420.35	421.35	1.00	0.08		3.00	78.00	187.00	
		981538	421.35	422.90	1.55	2.28		3.00	46.00	312.00	
422.90	426.00	BMS, Biotite Muscovite Schist	981539	422.90	424.00	1.10	0.03		25.00	1095.00	985.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981408	137.89	138.89	0.1080		1.0000	8.0000	103.0000
981409	138.89	139.89	1.1330		7.0000	8.0000	539.0000
981411	139.89	140.89	0.6520		10.0000	12.0000	23127.0000
981412	155.00	156.00	0.1780		3.0000	1689.0000	7465.0000
981413	156.00	157.50	0.1080		0.5000	83.0000	1309.0000
981414	157.50	159.00	0.1370		0.5000	1005.0000	1792.0000
981415	159.00	160.50	0.3500		2.0000	487.0000	2538.0000
981416	160.50	162.00	0.1400		4.0000	56.0000	994.0000
981417	162.00	163.50	0.1460		2.0000	399.0000	1748.0000
981418	163.50	165.00	0.0810		0.5000	23.0000	428.0000

Hole Number: TL11124B

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981419	179.20	180.70	0.0120		0.5000	26.0000	106.0000
981421	186.50	188.02	0.0200		0.5000	21.0000	122.0000
981422	188.02	189.50	0.0120		0.5000	13.0000	44.0000
981423	189.50	191.00	0.0080		0.5000	14.0000	16.0000
981424	191.00	192.00	0.0060		1.0000	13.0000	8.0000
981425	192.00	193.25	0.0080		1.0000	19.0000	51.0000
981427	193.25	194.75	0.0090		0.5000	19.0000	89.0000
981428	194.75	196.25	0.0130		1.0000	11.0000	86.0000
981429	196.25	198.00	0.0080		0.5000	8.0000	64.0000
981431	198.00	199.00	0.0050		0.5000	10.0000	17.0000
981432	199.00	200.00	0.0070		1.0000	15.0000	61.0000
981433	200.00	201.00	0.0080		0.5000	13.0000	43.0000
981434	223.00	224.11	0.0110		0.5000	14.0000	46.0000
981435	224.11	225.00	0.0060		0.5000	9.0000	16.0000
981436	225.00	226.50	0.0060		0.5000	12.0000	8.0000
981437	226.50	228.00	0.0060		0.5000	12.0000	5.0000
981438	228.00	229.50	0.0090		0.5000	9.0000	8.0000
981439	229.50	231.00	0.0090		0.5000	11.0000	10.0000
981441	231.00	232.00	0.0080		0.5000	20.0000	41.0000
981442	232.00	233.00	0.0480		0.5000	17.0000	109.0000
981443	242.07	243.57	0.0180		0.5000	42.0000	114.0000
981444	243.57	245.07	0.4480		0.5000	467.0000	3119.0000
981445	245.07	246.57	0.0180		0.5000	157.0000	251.0000
981447	246.57	248.07	0.0150		0.5000	187.0000	484.0000
981448	269.00	270.50	0.0240		2.0000	31.0000	96.0000
981449	270.50	271.96	0.8110		0.5000	32.0000	86.0000
981451	271.96	273.00	0.0110		0.5000	48.0000	161.0000
981452	273.00	274.50	0.0060		0.5000	11.0000	55.0000
981453	274.50	276.00	0.0050		0.5000	12.0000	57.0000
981454	276.00	277.50	0.0060		0.5000	12.0000	68.0000
981455	277.50	279.00	0.0080		0.5000	16.0000	166.0000
981456	279.00	280.50	0.0090		0.5000	15.0000	24.0000
981457	280.50	282.00	0.0100		0.5000	17.0000	26.0000
981458	282.00	283.50	0.0120		0.5000	28.0000	145.0000
981459	283.50	285.00	0.0100		0.5000	16.0000	40.0000
981461	285.00	286.00	0.0110		0.5000	13.0000	27.0000
981462	286.00	287.17	0.0070		0.5000	13.0000	21.0000
981463	287.17	288.50	0.0150		2.0000	17.0000	58.0000
981464	292.50	294.00	0.0350		0.5000	59.0000	553.0000

Hole Number: TL11124B

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981465	322.50	324.00	0.9690		5.0000	106.0000	492.0000
981467	324.00	325.00	1.6000		26.0000	1089.0000	3017.0000
981468	325.00	326.00	2.1490		30.0000	387.0000	452.0000
981469	326.00	327.00	0.9300		14.0000	155.0000	247.0000
981471	327.00	328.68	0.2370		3.0000	57.0000	214.0000
981472	328.68	330.00	1.2530		6.0000	226.0000	612.0000
981473	330.00	331.00	3.5390		51.0000	2254.0000	4366.0000
981474	331.00	332.00	3.3240		17.0000	207.0000	767.0000
981475	332.00	333.00	2.3000		14.0000	426.0000	1802.0000
981476	333.00	334.00	1.9010		13.0000	83.0000	342.0000
981477	334.00	335.00	24.1960	25.2310	34.0000	406.0000	845.0000
981478	335.00	336.00	0.5350		6.0000	240.0000	828.0000
981479	336.00	337.00	0.2880		4.0000	257.0000	558.0000
981481	337.00	338.00	0.0310		2.0000	27.0000	65.0000
981482	338.00	339.00	0.0160		1.0000	34.0000	29.0000
981483	339.00	340.50	0.0110		1.0000	22.0000	33.0000
981484	340.50	342.00	0.0100		0.5000	17.0000	21.0000
981485	342.00	343.50	0.0090		2.0000	16.0000	28.0000
981487	343.50	345.00	0.0060		0.5000	15.0000	40.0000
981488	345.00	346.50	0.0070		0.5000	14.0000	43.0000
981489	346.50	348.00	0.0080		0.5000	5.0000	33.0000
981491	348.00	349.50	0.0120		0.5000	5.0000	25.0000
981492	349.50	351.00	0.0060		0.5000	7.0000	35.0000
981493	351.00	352.50	0.0030		1.0000	10.0000	63.0000
981494	352.50	354.00	0.0050		0.5000	16.0000	55.0000
981495	354.00	355.00	0.0090		2.0000	18.0000	37.0000
981496	355.00	356.00	0.4970		46.0000	213.0000	244.0000
981497	356.00	357.00	0.7180		59.0000	441.0000	613.0000
981498	357.00	358.50	0.0130		3.0000	32.0000	94.0000
981499	358.50	360.00	0.0180		2.0000	19.0000	54.0000
981501	360.00	361.50	0.0080		2.0000	31.0000	69.0000
981502	361.50	363.00	0.0050		0.5000	18.0000	75.0000
981503	363.00	364.50	0.0040		0.5000	13.0000	12.0000
981504	364.50	366.00	0.0060		0.5000	12.0000	11.0000
981505	366.00	366.83	0.0030		2.0000	10.0000	20.0000
981507	366.83	368.00	0.0050		0.5000	13.0000	28.0000
981508	394.00	395.50	0.0950		1.0000	20.0000	108.0000
981509	395.50	397.00	0.0270		0.5000	10.0000	35.0000
981511	397.00	398.00	0.0150		0.5000	35.0000	116.0000

Hole Number: TL11124B

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981512	398.00	399.00	0.2500		2.0000	33.0000	404.0000
981513	399.00	400.00	0.6240		4.0000	132.0000	786.0000
981514	400.00	401.00	0.5550		7.0000	154.0000	2059.0000
981515	401.00	402.00	0.2340		3.0000	84.0000	243.0000
981516	402.00	403.00	0.4620		7.0000	65.0000	907.0000
981517	403.00	404.00	0.1240		3.0000	43.0000	128.0000
981518	404.00	405.00	0.0650		0.5000	39.0000	87.0000
981519	405.00	406.00	0.1090		2.0000	28.0000	58.0000
981521	406.00	407.00	0.3690		6.0000	340.0000	482.0000
981522	407.00	408.00	0.0710		2.0000	88.0000	225.0000
981523	408.00	409.00	0.0760		2.0000	36.0000	67.0000
981524	409.00	410.00	0.3500		4.0000	41.0000	411.0000
981525	410.00	411.00	0.6170		11.0000	96.0000	226.0000
981527	411.00	412.00	0.1390		1.0000	55.0000	233.0000
981528	412.00	413.00	0.0520		3.0000	52.0000	511.0000
981529	413.00	414.00	0.3130		3.0000	293.0000	834.0000
981531	414.00	415.00	0.1470		2.0000	230.0000	1573.0000
981532	415.00	416.00	0.0330		2.0000	44.0000	143.0000
981533	416.00	417.35	0.0400		1.0000	43.0000	132.0000
981534	417.35	418.35	0.6250		1.0000	77.0000	101.0000
981535	418.35	419.35	0.1650		26.0000	10643.0000	9927.0000
981536	419.35	420.35	0.1030		3.0000	159.0000	776.0000
981537	420.35	421.35	0.0770		3.0000	78.0000	187.0000
981538	421.35	422.90	2.2760		3.0000	46.0000	312.0000
981539	422.90	424.00	0.0250		25.0000	1095.0000	985.0000
Sample Type	CDUP						
981426	192.00	193.25	0.0060		0.5000	17.0000	56.0000
981446	245.07	246.57	0.0140		0.5000	94.0000	204.0000
981466	322.50	324.00	1.7800		7.0000	129.0000	742.0000
981486	342.00	343.50	0.0090		1.0000	17.0000	26.0000
981506	366.00	366.83	0.0030		0.5000	9.0000	18.0000
981526	410.00	411.00	0.2430		4.0000	69.0000	455.0000

# DETAILED LOG

Hole Number: TL11125

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -63.60
Project Number: TMI-TL	North: 5511752.53	North:	Collar Az: 308.80
Location: Zealand Township	East: 528123.97	East:	Length: 441.00
	Elev: 394.74	Elev:	Start Depth: 0.00
Date Started: Feb 01, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Feb 05, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 441.00

Comments: Main Zone from 301.00-350.57 m. 2-3% pyrite + local sphalerite + trace galena.  
 C Zone from 391.10-400.35 m. Pyrite + sphalerite + trace galena + trace chalcopyrite.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	308.00	-64.50	EZ Sho	OK		21.00	308.80	-63.60	EZ Sho	OK	
54.00	311.00	-62.90	EZ Sho	OK		105.00	311.50	-61.80	EZ Sho	OK	
156.00	312.70	-60.80	EZ Sho	OK		204.00	315.10	-60.40	EZ Sho	OK	
255.00	314.30	-59.30	EZ Sho	OK		309.00	315.10	-58.00	EZ Sho	OK	
354.00	316.90	-56.80	EZ Sho	OK		402.00	317.50	-56.20	EZ Sho	OK	
441.00	318.20	-55.50	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	7.78	OB, Overburden									
7.78	26.72	BS, Biotite Schist Fine grained; biotite schist									
26.72	301.00	BMS, Biotite Muscovite Schist Large BMS with variable sr alteration. F2 folding becomes more common with depth. Randomly distributed; local sph stringers and low diss. py mineralization	982501	36.90	37.70	0.80	0.01		1.00	17.00	94.00
			982502	37.70	38.40	0.70	0.01		1.00	52.00	422.00

## DETAILED LOG

Hole Number: TL11125

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
301.00	350.57	MSS, Muscovite Sericite Schist	982503	301.00	302.00	1.00	0.01		0.50	53.00	163.00
		Large MSS zone with strong sr mixed with moderate zones that resemble local bms. May be several smaller MSS zones adjacent to each other rather than one large unit. Little mineralization until ~330m where sph and sulfide stringers become more abundant.	982504	302.00	303.00	1.00	0.01		0.50	28.00	87.00
			982505	303.00	304.50	1.50	0.01		2.00	17.00	39.00
			982506	303.00	304.50	1.50	0.01		3.00	17.00	36.00
			982507	304.50	306.00	1.50	0.01		2.00	21.00	126.00
			982508	306.00	307.50	1.50	0.01		2.00	20.00	31.00
			982509	307.50	309.00	1.50	0.02		1.00	23.00	26.00
			982511	309.00	310.50	1.50	0.02		0.50	26.00	83.00
			982512	310.50	312.00	1.50	0.02		2.00	27.00	101.00
			982513	312.00	313.50	1.50	0.02		2.00	18.00	103.00
			982514	313.50	315.00	1.50	0.01		1.00	18.00	114.00
			982515	315.00	316.50	1.50	0.01		2.00	19.00	65.00
			982516	316.50	318.00	1.50	0.02		0.50	45.00	89.00
			982517	318.00	319.50	1.50	0.02		2.00	27.00	53.00
			982518	319.50	320.50	1.00	0.01		0.50	15.00	30.00
			982519	320.50	322.00	1.50	0.01		0.50	20.00	79.00
			982521	322.00	323.50	1.50	0.14		3.00	23.00	42.00
			982522	323.50	325.00	1.50	0.03		0.50	34.00	69.00
			982523	325.00	326.50	1.50	0.06		0.50	22.00	60.00
			982524	326.50	328.00	1.50	0.13		2.00	14.00	43.00
			982525	328.00	329.50	1.50	0.02		0.50	15.00	37.00
			982526	328.00	329.50	1.50	0.04		1.00	13.00	38.00
			982527	329.50	331.00	1.50	0.01		0.50	27.00	48.00
			982528	331.00	332.30	1.30	0.08		2.00	33.00	235.00
			982529	332.30	333.30	1.00	1.10		8.00	932.00	3966.00
			982531	333.30	334.30	1.00	0.14		1.00	79.00	242.00
			982532	334.30	335.30	1.00	0.06		2.00	198.00	264.00
		982533	335.30	336.50	1.20	0.14		1.00	147.00	345.00	
		982534	336.50	337.50	1.00	0.05		1.00	35.00	44.00	
		982535	337.50	339.00	1.50	0.02		0.50	33.00	87.00	
		982536	339.00	340.50	1.50	0.04		1.00	66.00	95.00	
		982537	340.50	342.00	1.50	0.07		2.00	103.00	174.00	
		982538	342.00	343.50	1.50	0.02		2.00	29.00	134.00	
		982539	343.50	345.00	1.50	0.06		0.50	44.00	63.00	
		982541	345.00	346.25	1.25	0.05		0.50	55.00	81.00	
		982542	346.25	347.25	1.00	1.31		16.00	2171.00	4387.00	
		982543	347.25	348.25	1.00	0.20		0.50	135.00	99.00	
		982544	348.25	349.25	1.00	0.21		3.00	691.00	686.00	
		982545	349.25	350.57	1.32	1.33		4.00	382.00	1696.00	
		982546	349.25	350.57	1.32	0.13		1.00	535.00	2084.00	

## DETAILED LOG

Hole Number: TL11125

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
350.57	391.10	BMS, Biotite Muscovite Schist BMS with variable sr alteration and increased mineralization in stronger sr zones. 2 small zones with thicker/semi-massive sulfide mineralization.	982547	350.57	352.00	1.43	0.06		3.00	57.00	158.00
			982548	352.00	353.50	1.50	0.01		1.00	24.00	52.00
			982549	353.50	355.00	1.50	0.64		2.00	21.00	35.00
			982551	355.00	356.50	1.50	1.07		4.00	78.00	119.00
			982552	356.50	358.00	1.50	0.17		1.00	41.00	67.00
			982553	358.00	358.91	0.91	0.11		2.00	40.00	114.00
			982554	358.91	360.00	1.09	0.36		1.00	52.00	101.00
			982555	360.00	361.00	1.00	2.27		4.00	237.00	235.00
			982556	361.00	362.00	1.00	0.29		2.00	103.00	191.00
			982557	362.00	363.00	1.00	0.03		0.50	31.00	49.00
			982558	363.00	364.50	1.50	0.18		0.50	35.00	63.00
			982559	364.50	366.00	1.50	0.13		2.00	46.00	150.00
			982561	366.00	367.50	1.50	1.19		20.00	102.00	515.00
			982562	367.50	369.00	1.50	0.59		4.00	105.00	210.00
			982563	369.00	370.00	1.00	0.86		10.00	2971.00	4044.00
			982564	370.00	371.00	1.00	0.48		2.00	273.00	550.00
			982565	371.00	372.00	1.00	0.36		2.00	57.00	99.00
			982566	372.00	373.50	1.50	0.49		2.00	47.00	172.00
			982567	373.50	375.00	1.50	0.02		3.00	31.00	144.00
			982568	375.00	376.15	1.15	0.15		5.00	152.00	209.00
			982569	376.15	377.15	1.00	26.58	18.06	80.00	14996.00	15422.00
			982571	377.15	378.15	1.00	0.57		1.00	131.00	161.00
			982572	378.15	379.65	1.50	0.33		2.00	41.00	82.00
			982573	379.65	381.00	1.35	0.08		2.00	22.00	43.00
982574	389.60	391.10	1.50	0.01		2.00	51.00	46.00			
391.10	400.35	MSS, Muscovite Sericite Schist	982575	391.10	392.10	1.00	0.11		2.00	21.00	38.00
			982576	392.10	393.10	1.00	0.07		1.00	30.00	132.00
			982577	393.10	394.10	1.00	0.10		1.00	34.00	60.00
			982578	394.10	395.10	1.00	0.55		6.00	112.00	146.00
			982579	395.10	396.10	1.00	0.72		3.00	32.00	63.00
			982581	396.10	397.10	1.00	0.12		0.50	45.00	64.00
			982582	397.10	398.10	1.00	0.04		0.50	35.00	23.00
			982583	398.10	399.10	1.00	0.20		18.00	147.00	634.00
			982584	399.10	400.35	1.25	0.43		55.00	173.00	480.00
400.35	441.00	BMS, Biotite Muscovite Schist Typical BMS with a 5m section in the middle with stronger sr alteration	982586	400.35	401.50	1.15	0.07		5.00	38.00	91.00
			982585	400.35	401.50	1.15	0.06		8.00	46.00	83.00
			982587	413.00	414.00	1.00	0.01		1.00	17.00	15.00
			982588	414.00	415.00	1.00	0.02		1.00	20.00	19.00
			982589	415.00	416.00	1.00	0.04		2.00	16.00	27.00
			982591	416.00	417.00	1.00	0.03		2.00	25.00	21.00
			982592	417.00	418.50	1.50	0.05		2.00	31.00	89.00

Hole Number: TL11125

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982501	36.90	37.70	0.0050		1.0000	17.0000	94.0000
982502	37.70	38.40	0.0130		1.0000	52.0000	422.0000
982503	301.00	302.00	0.0080		0.5000	53.0000	163.0000
982504	302.00	303.00	0.0100		0.5000	28.0000	87.0000
982505	303.00	304.50	0.0090		2.0000	17.0000	39.0000
982507	304.50	306.00	0.0050		2.0000	21.0000	126.0000
982508	306.00	307.50	0.0140		2.0000	20.0000	31.0000
982509	307.50	309.00	0.0240		1.0000	23.0000	26.0000
982511	309.00	310.50	0.0230		0.5000	26.0000	83.0000
982512	310.50	312.00	0.0160		2.0000	27.0000	101.0000
982513	312.00	313.50	0.0150		2.0000	18.0000	103.0000
982514	313.50	315.00	0.0070		1.0000	18.0000	114.0000
982515	315.00	316.50	0.0130		2.0000	19.0000	65.0000
982516	316.50	318.00	0.0210		0.5000	45.0000	89.0000
982517	318.00	319.50	0.0190		2.0000	27.0000	53.0000
982518	319.50	320.50	0.0100		0.5000	15.0000	30.0000
982519	320.50	322.00	0.0090		0.5000	20.0000	79.0000
982521	322.00	323.50	0.1380		3.0000	23.0000	42.0000
982522	323.50	325.00	0.0340		0.5000	34.0000	69.0000
982523	325.00	326.50	0.0620		0.5000	22.0000	60.0000
982524	326.50	328.00	0.1280		2.0000	14.0000	43.0000
982525	328.00	329.50	0.0150		0.5000	15.0000	37.0000
982527	329.50	331.00	0.0100		0.5000	27.0000	48.0000
982528	331.00	332.30	0.0780		2.0000	33.0000	235.0000
982529	332.30	333.30	1.1010		8.0000	932.0000	3966.0000
982531	333.30	334.30	0.1400		1.0000	79.0000	242.0000
982532	334.30	335.30	0.0580		2.0000	198.0000	264.0000
982533	335.30	336.50	0.1380		1.0000	147.0000	345.0000
982534	336.50	337.50	0.0530		1.0000	35.0000	44.0000
982535	337.50	339.00	0.0220		0.5000	33.0000	87.0000
982536	339.00	340.50	0.0370		1.0000	66.0000	95.0000
982537	340.50	342.00	0.0660		2.0000	103.0000	174.0000
982538	342.00	343.50	0.0200		2.0000	29.0000	134.0000
982539	343.50	345.00	0.0600		0.5000	44.0000	63.0000
982541	345.00	346.25	0.0480		0.5000	55.0000	81.0000
982542	346.25	347.25	1.3090		16.0000	2171.0000	4387.0000
982543	347.25	348.25	0.2030		0.5000	135.0000	99.0000
982544	348.25	349.25	0.2140		3.0000	691.0000	686.0000
982545	349.25	350.57	1.3250		4.0000	382.0000	1696.0000



Hole Number: TL11125

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982547	350.57	352.00	0.0620		3.0000	57.0000	158.0000
982548	352.00	353.50	0.0110		1.0000	24.0000	52.0000
982549	353.50	355.00	0.6440		2.0000	21.0000	35.0000
982551	355.00	356.50	1.0730		4.0000	78.0000	119.0000
982552	356.50	358.00	0.1690		1.0000	41.0000	67.0000
982553	358.00	358.91	0.1090		2.0000	40.0000	114.0000
982554	358.91	360.00	0.3580		1.0000	52.0000	101.0000
982555	360.00	361.00	2.2650		4.0000	237.0000	235.0000
982556	361.00	362.00	0.2930		2.0000	103.0000	191.0000
982557	362.00	363.00	0.0250		0.5000	31.0000	49.0000
982558	363.00	364.50	0.1760		0.5000	35.0000	63.0000
982559	364.50	366.00	0.1310		2.0000	46.0000	150.0000
982561	366.00	367.50	1.1920		20.0000	102.0000	515.0000
982562	367.50	369.00	0.5910		4.0000	105.0000	210.0000
982563	369.00	370.00	0.8580		10.0000	2971.0000	4044.0000
982564	370.00	371.00	0.4840		2.0000	273.0000	550.0000
982565	371.00	372.00	0.3610		2.0000	57.0000	99.0000
982566	372.00	373.50	0.4930		2.0000	47.0000	172.0000
982567	373.50	375.00	0.0240		3.0000	31.0000	144.0000
982568	375.00	376.15	0.1510		5.0000	152.0000	209.0000
982569	376.15	377.15	26.5770	18.0610	80.0000	14996.0000	15422.0000
982571	377.15	378.15	0.5710		1.0000	131.0000	161.0000
982572	378.15	379.65	0.3270		2.0000	41.0000	82.0000
982573	379.65	381.00	0.0810		2.0000	22.0000	43.0000
982574	389.60	391.10	0.0140		2.0000	51.0000	46.0000
982575	391.10	392.10	0.1110		2.0000	21.0000	38.0000
982576	392.10	393.10	0.0720		1.0000	30.0000	132.0000
982577	393.10	394.10	0.0960		1.0000	34.0000	60.0000
982578	394.10	395.10	0.5450		6.0000	112.0000	146.0000
982579	395.10	396.10	0.7190		3.0000	32.0000	63.0000
982581	396.10	397.10	0.1210		0.5000	45.0000	64.0000
982582	397.10	398.10	0.0420		0.5000	35.0000	23.0000
982583	398.10	399.10	0.1990		18.0000	147.0000	634.0000
982584	399.10	400.35	0.4280		55.0000	173.0000	480.0000
982585	400.35	401.50	0.0570		8.0000	46.0000	83.0000
982587	413.00	414.00	0.0090		1.0000	17.0000	15.0000
982588	414.00	415.00	0.0230		1.0000	20.0000	19.0000
982589	415.00	416.00	0.0400		2.0000	16.0000	27.0000
982591	416.00	417.00	0.0260		2.0000	25.0000	21.0000

Hole Number: TL11125

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type ASSAY							
982592	417.00	418.50	0.0520		2.0000	31.0000	89.0000
Sample Type CDUP							
982506	303.00	304.50	0.0080		3.0000	17.0000	36.0000
982526	328.00	329.50	0.0400		1.0000	13.0000	38.0000
982546	349.25	350.57	0.1320		1.0000	535.0000	2084.0000
982586	400.35	401.50	0.0650		5.0000	38.0000	91.0000

# DETAILED LOG

Hole Number: TL11126

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.30
Project Number: TMI-TL	North: 5511805.85	North:	Collar Az: 310.70
Location: Zealand Township	East: 528342.59	East:	Length: 474.00
	Elev: 392.79	Elev:	Start Depth: 0.00
Date Started: Feb 06, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Feb 10, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 474.00

Comments: Main zone from 67.75-382.40 m. 3-4% disseminated pyrite + 4% sphalerite + 1% galena + 2% chalcopyrite.  
C Zone from 438.90-459.29 m.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	310.00	-65.80	EZ Sho	OK		21.00	310.70	-65.30	EZ Sho	OK	
54.00	313.70	-64.80	EZ Sho	OK		102.00	316.20	-63.10	EZ Sho	OK	
150.00	317.50	-62.30	EZ Sho	OK		204.00	318.70	-61.50	EZ Sho	OK	
255.00	317.80	-60.00	EZ Sho	OK		300.00	320.60	-58.50	EZ Sho	OK	
351.00	325.90	-54.30	EZ Sho	OK		402.00	326.20	-52.80	EZ Sho	OK	
450.00	327.40	-51.30	EZ Sho	OK		474.00	328.10	-50.20	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	9.00	OB, Overburden									
9.00	34.11	BS, Biotite Schist									
34.11	234.50	BMS, Biotite Muscovite Schist	981541	233.00	234.50	1.50	0.04		0.50	27.00	123.00
234.50	242.03	MSS, Muscovite Sericite Schist	981542	234.50	235.50	1.00	0.01		2.00	11.00	50.00
			981543	235.50	237.00	1.50	0.01		0.50	15.00	36.00
			981544	237.00	238.50	1.50	0.01		1.00	11.00	33.00
			981546	238.50	240.00	1.50	0.01		0.50	9.00	19.00
			981545	238.50	240.00	1.50	0.02		0.50	11.00	17.00
			981547	240.00	241.00	1.00	0.01		0.50	13.00	47.00
			981548	241.00	242.03	1.03	0.01		0.50	7.00	248.00
242.03	270.51	BMS, Biotite Muscovite Schist	981549	242.03	243.50	1.47	0.01		3.00	12.00	115.00
			981551	269.00	270.51	1.51	0.03		2.00	10.00	65.00
270.51	277.52	MSS, Muscovite Sericite Schist	981552	270.51	271.50	0.99	0.01		2.00	14.00	22.00
			981553	271.50	273.00	1.50	0.00		1.00	12.00	9.00
			981554	273.00	274.50	1.50	0.00		0.50	11.00	8.00
			981555	274.50	276.00	1.50	0.00		1.00	13.00	8.00
			981556	276.00	277.52	1.52	0.01		0.50	14.00	13.00

DETAILED LOG

Hole Number: TL11126

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
277.52	317.00	BMS, Biotite Muscovite Schist	981557	277.52	279.00	1.48	0.03		1.00	33.00	49.00
			981558	315.50	317.00	1.50	0.12		2.00	68.00	193.00
317.00	335.34	MSS, Muscovite Sericite Schist Hangingwall MSS zone with strong sericitization. Little mineralization other than sp/gn mineralization within a 20cm wide fold.	981559	317.00	318.00	1.00	0.06		0.50	105.00	149.00
			981561	318.00	319.50	1.50	0.04		0.50	38.00	84.00
			981562	319.50	321.00	1.50	0.00		1.00	23.00	123.00
			981563	321.00	322.50	1.50	0.00		2.00	17.00	124.00
			981564	322.50	324.00	1.50	0.00		2.00	13.00	60.00
			981565	324.00	325.50	1.50	0.01		1.00	20.00	73.00
			981566	324.00	325.50	1.50	0.01		0.50	22.00	45.00
			981567	325.50	327.00	1.50	0.00		0.50	32.00	54.00
			981568	327.00	328.00	1.00	0.01		1.00	118.00	1566.00
			981569	328.00	329.00	1.00	0.01		1.00	27.00	34.00
			981571	329.00	330.00	1.00	0.01		0.50	0.50	0.50
			981572	330.00	331.50	1.50	0.01		2.00	13.00	19.00
			981573	331.50	333.00	1.50	0.00		0.50	15.00	23.00
			981574	333.00	334.00	1.00	0.01		2.00	21.00	16.00
981575	334.00	335.34	1.34	0.01		0.50	22.00	18.00			
335.34	367.75	BMS, Biotite Muscovite Schist Large atypical BMS with moderate sr alteration. Common F2 folds and little mineralization	981576	335.34	336.84	1.50	0.01		0.50	13.00	39.00
			981577	364.75	366.25	1.50	0.81		4.00	49.00	81.00
			981578	366.25	367.75	1.50	0.15		4.00	45.00	94.00
367.75	382.40	MSS, Muscovite Sericite Schist	981579	367.75	369.00	1.25	0.75		6.00	209.00	426.00
			981581	369.00	370.00	1.00	0.55		2.00	70.00	74.00
			981582	370.00	371.00	1.00	0.93		7.00	516.00	1536.00
			981583	371.00	372.00	1.00	6.36	10.67	90.00	258.00	724.00
			981584	372.00	373.00	1.00	0.11		2.00	80.00	64.00
			981585	373.00	374.58	1.58	1.03		5.00	66.00	249.00
			981586	373.00	374.58	1.58	1.33		7.00	65.00	458.00
			981587	374.58	375.58	1.00	13.88	17.74	299.00	1854.00	2326.00
			981588	375.58	376.58	1.00	8.83	8.13	243.00	904.00	2001.00
			981589	376.58	377.58	1.00	14.28	12.33	116.00	1128.00	2752.00
			981591	377.58	378.58	1.00	2.93		23.00	161.00	477.00
			981592	378.58	379.58	1.00	18.73	16.08	843.00	473.00	388.00
			981593	379.58	380.58	1.00	0.27		9.00	82.00	163.00
			981594	380.58	381.58	1.00	2.70		10.00	450.00	1143.00
			981595	381.58	382.40	0.82	2.13		4.00	238.00	1394.00

# DETAILED LOG

Hole Number: TL11126

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
382.40	396.60	BMS, Biotite Muscovite Schist	981596	382.40	384.00	1.60	0.03		2.00	27.00	36.00
			981597	384.00	385.50	1.50	0.02		0.50	30.00	84.00
			981598	385.50	387.00	1.50	0.02		2.00	29.00	211.00
			981599	387.00	388.50	1.50	0.02		0.50	18.00	143.00
			981601	388.50	390.00	1.50	0.01		2.00	14.00	33.00
			981602	390.00	391.50	1.50	0.02		1.00	11.00	68.00
			981603	391.50	393.00	1.50	0.01		2.00	18.00	36.00
			981604	393.00	394.50	1.50	0.01		2.00	17.00	85.00
			981605	394.50	395.50	1.00	0.01		1.00	15.00	87.00
			981606	394.50	395.50	1.00	0.01		2.00	15.00	80.00
			981607	395.50	396.60	1.10	0.02		3.00	33.00	79.00
396.60	407.40	MSS, Muscovite Sericite Schist MSS zone with strong sr alteration and little mineralization	981608	396.60	398.00	1.40	0.00		1.00	20.00	38.00
			981609	398.00	399.00	1.00	0.68		12.00	35.00	35.00
			981611	399.00	400.00	1.00	0.53		59.00	90.00	87.00
			981612	400.00	401.00	1.00	0.12		22.00	99.00	576.00
			981613	401.00	402.00	1.00	1.32		45.00	177.00	876.00
			981614	402.00	403.00	1.00	0.01		2.00	85.00	205.00
			981615	403.00	404.00	1.00	0.01		0.50	24.00	54.00
			981616	404.00	405.00	1.00	0.01		0.50	14.00	27.00
			981617	405.00	406.00	1.00	0.00		1.00	17.00	26.00
			981618	406.00	407.40	1.40	0.00		0.50	17.00	9.00
407.40	438.90	BMS, Biotite Muscovite Schist BMS zone with a large fault zone running through the lower 10m. Little mineralization	981619	407.40	409.00	1.60	0.01		2.00	17.00	18.00
			981621	437.40	438.90	1.50	0.14		4.00	93.00	167.00
438.90	459.29	MSS, Muscovite Sericite Schist	981622	438.90	440.40	1.50	0.02		2.00	28.00	39.00
			981623	440.40	442.00	1.60	0.03		1.00	23.00	70.00
			981624	442.00	443.00	1.00	0.08		2.00	27.00	69.00
			981625	443.00	444.00	1.00	0.02		0.50	42.00	72.00
			981626	443.00	444.00	1.00	0.02		2.00	51.00	65.00
			981627	444.00	445.50	1.50	0.01		2.00	51.00	76.00
			981628	445.50	447.00	1.50	0.08		2.00	39.00	50.00
			981629	447.00	448.00	1.00	0.10		1.00	55.00	71.00
			981631	448.00	449.00	1.00	0.10		1.00	71.00	117.00
			981632	449.00	450.00	1.00	0.56		1.00	73.00	127.00
			981633	450.00	451.00	1.00	0.51		1.00	153.00	379.00
			981634	451.00	452.00	1.00	2.39		18.00	1263.00	539.00
			981635	452.00	453.00	1.00	0.28		1.00	99.00	219.00
			981636	453.00	454.00	1.00	0.12		0.50	46.00	173.00
			981637	454.00	455.00	1.00	0.20		1.00	63.00	1472.00
			981638	455.00	456.00	1.00	0.10		0.50	46.00	872.00
981639	456.00	457.00	1.00	0.10		0.50	42.00	1113.00			
981641	457.00	458.00	1.00	0.14		0.50	114.00	653.00			
981642	458.00	459.29	1.29	0.06		2.00	38.00	111.00			

# DETAILED LOG

Hole Number: TL11126

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
459.29	474.00	BMS, Biotite Muscovite Schist	981643	459.29	460.50	1.21	0.06		0.50	50.00	179.00
			981644	471.00	472.00	1.00	0.03		1.00	27.00	2817.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981541	233.00	234.50	0.0420		0.5000	27.0000	123.0000
981542	234.50	235.50	0.0120		2.0000	11.0000	50.0000
981543	235.50	237.00	0.0090		0.5000	15.0000	36.0000
981544	237.00	238.50	0.0090		1.0000	11.0000	33.0000
981545	238.50	240.00	0.0150		0.5000	11.0000	17.0000
981547	240.00	241.00	0.0090		0.5000	13.0000	47.0000
981548	241.00	242.03	0.0060		0.5000	7.0000	248.0000
981549	242.03	243.50	0.0100		3.0000	12.0000	115.0000
981551	269.00	270.51	0.0250		2.0000	10.0000	65.0000
981552	270.51	271.50	0.0050		2.0000	14.0000	22.0000
981553	271.50	273.00	0.0040		1.0000	12.0000	9.0000
981554	273.00	274.50	0.0030		0.5000	11.0000	8.0000
981555	274.50	276.00	0.0020		1.0000	13.0000	8.0000
981556	276.00	277.52	0.0060		0.5000	14.0000	13.0000
981557	277.52	279.00	0.0250		1.0000	33.0000	49.0000
981558	315.50	317.00	0.1160		2.0000	68.0000	193.0000
981559	317.00	318.00	0.0600		0.5000	105.0000	149.0000
981561	318.00	319.50	0.0390		0.5000	38.0000	84.0000
981562	319.50	321.00	0.0040		1.0000	23.0000	123.0000
981563	321.00	322.50	0.0040		2.0000	17.0000	124.0000
981564	322.50	324.00	0.0030		2.0000	13.0000	60.0000
981565	324.00	325.50	0.0050		1.0000	20.0000	73.0000
981567	325.50	327.00	0.0030		0.5000	32.0000	54.0000
981568	327.00	328.00	0.0090		1.0000	118.0000	1566.0000
981569	328.00	329.00	0.0070		1.0000	27.0000	34.0000
981571	329.00	330.00	0.0070		0.5000	0.5000	0.5000
981572	330.00	331.50	0.0080		2.0000	13.0000	19.0000
981573	331.50	333.00	0.0040		0.5000	15.0000	23.0000
981574	333.00	334.00	0.0050		2.0000	21.0000	16.0000
981575	334.00	335.34	0.0070		0.5000	22.0000	18.0000
981576	335.34	336.84	0.0080		0.5000	13.0000	39.0000
981577	364.75	366.25	0.8050		4.0000	49.0000	81.0000
981578	366.25	367.75	0.1480		4.0000	45.0000	94.0000
981579	367.75	369.00	0.7460		6.0000	209.0000	426.0000

Hole Number: TL11126

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981581	369.00	370.00	0.5540		2.0000	70.0000	74.0000
981582	370.00	371.00	0.9290		7.0000	516.0000	1536.0000
981583	371.00	372.00	6.3640	10.6690	90.0000	258.0000	724.0000
981584	372.00	373.00	0.1100		2.0000	80.0000	64.0000
981585	373.00	374.58	1.0300		5.0000	66.0000	249.0000
981587	374.58	375.58	13.8760	17.7360	299.0000	1854.0000	2326.0000
981588	375.58	376.58	8.8330	8.1250	243.0000	904.0000	2001.0000
981589	376.58	377.58	14.2780	12.3280	116.0000	1128.0000	2752.0000
981591	377.58	378.58	2.9340		23.0000	161.0000	477.0000
981592	378.58	379.58	18.7340	16.0760	843.0000	473.0000	388.0000
981593	379.58	380.58	0.2670		9.0000	82.0000	163.0000
981594	380.58	381.58	2.7000		10.0000	450.0000	1143.0000
981595	381.58	382.40	2.1330		4.0000	238.0000	1394.0000
981596	382.40	384.00	0.0280		2.0000	27.0000	36.0000
981597	384.00	385.50	0.0190		0.5000	30.0000	84.0000
981598	385.50	387.00	0.0230		2.0000	29.0000	211.0000
981599	387.00	388.50	0.0160		0.5000	18.0000	143.0000
981601	388.50	390.00	0.0110		2.0000	14.0000	33.0000
981602	390.00	391.50	0.0150		1.0000	11.0000	68.0000
981603	391.50	393.00	0.0140		2.0000	18.0000	36.0000
981604	393.00	394.50	0.0090		2.0000	17.0000	85.0000
981605	394.50	395.50	0.0070		1.0000	15.0000	87.0000
981607	395.50	396.60	0.0230		3.0000	33.0000	79.0000
981608	396.60	398.00	0.0040		1.0000	20.0000	38.0000
981609	398.00	399.00	0.6840		12.0000	35.0000	35.0000
981611	399.00	400.00	0.5320		59.0000	90.0000	87.0000
981612	400.00	401.00	0.1220		22.0000	99.0000	576.0000
981613	401.00	402.00	1.3190		45.0000	177.0000	876.0000
981614	402.00	403.00	0.0130		2.0000	85.0000	205.0000
981615	403.00	404.00	0.0080		0.5000	24.0000	54.0000
981616	404.00	405.00	0.0050		0.5000	14.0000	27.0000
981617	405.00	406.00	0.0020		1.0000	17.0000	26.0000
981618	406.00	407.40	0.0040		0.5000	17.0000	9.0000
981619	407.40	409.00	0.0070		2.0000	17.0000	18.0000
981621	437.40	438.90	0.1360		4.0000	93.0000	167.0000
981622	438.90	440.40	0.0150		2.0000	28.0000	39.0000
981623	440.40	442.00	0.0320		1.0000	23.0000	70.0000
981624	442.00	443.00	0.0780		2.0000	27.0000	69.0000
981625	443.00	444.00	0.0220		0.5000	42.0000	72.0000

Hole Number: TL11126

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981627	444.00	445.50	0.0120		2.0000	51.0000	76.0000
981628	445.50	447.00	0.0830		2.0000	39.0000	50.0000
981629	447.00	448.00	0.0980		1.0000	55.0000	71.0000
981631	448.00	449.00	0.1000		1.0000	71.0000	117.0000
981632	449.00	450.00	0.5600		1.0000	73.0000	127.0000
981633	450.00	451.00	0.5110		1.0000	153.0000	379.0000
981634	451.00	452.00	2.3860		18.0000	1263.0000	539.0000
981635	452.00	453.00	0.2760		1.0000	99.0000	219.0000
981636	453.00	454.00	0.1200		0.5000	46.0000	173.0000
981637	454.00	455.00	0.1980		1.0000	63.0000	1472.0000
981638	455.00	456.00	0.1010		0.5000	46.0000	872.0000
981639	456.00	457.00	0.0950		0.5000	42.0000	1113.0000
981641	457.00	458.00	0.1440		0.5000	114.0000	653.0000
981642	458.00	459.29	0.0620		2.0000	38.0000	111.0000
981643	459.29	460.50	0.0630		0.5000	50.0000	179.0000
981644	471.00	472.00	0.0260		1.0000	27.0000	2817.0000
Sample Type	CDUP						
981546	238.50	240.00	0.0130		0.5000	9.0000	19.0000
981566	324.00	325.50	0.0050		0.5000	22.0000	45.0000
981586	373.00	374.58	1.3260		7.0000	65.0000	458.0000
981606	394.50	395.50	0.0060		2.0000	15.0000	80.0000
981626	443.00	444.00	0.0230		2.0000	51.0000	65.0000



# DETAILED LOG

Hole Number: TL11127

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -64.60
Project Number: TMI-TL	North: 5511792.36	North:	Collar Az: 305.80
Location: Zealand Township	East: 528313.56	East:	Length: 459.00
	Elev: 392.33	Elev:	Start Depth: 0.00
Date Started: Feb 06, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: May 09, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 459.00

Comments: Main Zone from 385.36-392.89 m. C Zone from 436.86-450.50 m. 2% pyrite + trace sphalerite. Trace chalcopyrite + trace arsenopyrite in C zone. 1% galena.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	306.00	-65.00	EZ Sho	OK		15.00	305.80	-64.60	EZ Sho	OK	
51.00	308.20	-62.80	EZ Sho	OK		102.00	311.90	-61.20	EZ Sho	OK	
153.00	313.10	-58.80	EZ Sho	OK		204.00	315.40	-56.40	EZ Sho	OK	
252.00	316.90	-54.90	EZ Sho	OK		300.00	321.40	-50.50	EZ Sho	OK	
345.00	322.80	-47.00	EZ Sho	OK		402.00	324.90	-44.50	EZ Sho	OK	
453.00	328.60	-43.00	EZ Sho	OK		459.00	328.20	-42.70	EZ Sho	OK	

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	7.08	OB, Overburden									
7.08	49.00	BS, Biotite Schist									
49.00	308.37	BMS, Biotite Muscovite Schist Large BMS with common chl/epi alteration bands and weak sr alteration. Little mineralization throughout. Area between 49.30-50.30m has abundant folding/boudinaging around semi-massive py/po mineralization.	982593	49.30	50.30	1.00	0.07		3.00	14.00	74.00
			982594	219.59	220.59	1.00	0.27		2.00	575.00	1011.00
			982595	305.50	307.00	1.50	0.32		1.00	19.00	67.00
			982596	307.00	308.37	1.37	0.03		1.00	23.00	65.00
308.37	315.48	MSS, Muscovite Sericite Schist Small MSS with moderate sr and si alteration. Moderate diss. py and stringers but little mineralization other than that.	982597	308.37	309.50	1.13	0.01		2.00	34.00	59.00
			982598	309.50	310.50	1.00	0.01		0.50	29.00	75.00
			982599	310.50	311.50	1.00	0.01		0.50	20.00	23.00
			982601	311.50	312.50	1.00	0.01		0.50	5.00	12.00
			982602	312.50	313.50	1.00	0.01		2.00	8.00	12.00
			982603	313.50	314.50	1.00	0.01		1.00	2.00	11.00
315.48	319.87	BMS, Biotite Muscovite Schist Small bms between two hangingwall MSS zones; little mineralization.	982604	314.50	315.48	0.98	0.00		0.50	8.00	11.00
			982606	315.48	317.00	1.52	0.05		0.50	18.00	63.00
			982605	315.48	317.00	1.52	0.08		1.00	19.00	63.00
			982607	317.00	318.50	1.50	0.02		1.00	18.00	72.00
			982608	318.50	319.87	1.37	0.01		0.50	30.00	115.00

## DETAILED LOG

Hole Number: TL11127

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
319.87	325.17	MSS, Muscovite Sericite Schist Small hangingwall MSS zone; strong sr and moderate si alteration. Little mineralization	982609	319.87	321.00	1.13	0.01		1.00	14.00	62.00
			982611	321.00	322.50	1.50	0.01		3.00	89.00	143.00
			982612	322.50	324.00	1.50	0.00		0.50	16.00	30.00
			982613	324.00	325.17	1.17	0.01		0.50	6.00	22.00
325.17	385.36	BMS, Biotite Muscovite Schist	982614	325.17	326.50	1.33	0.01		2.00	9.00	44.00
			982615	326.50	328.00	1.50	0.01		0.50	7.00	59.00
			982616	337.50	339.00	1.50	0.01		0.50	17.00	33.00
			982617	339.00	340.50	1.50	0.02		2.00	52.00	146.00
			982618	340.50	342.00	1.50	0.07		0.50	54.00	146.00
			982619	342.00	343.50	1.50	0.20		4.00	121.00	163.00
			982621	343.50	345.00	1.50	0.02		1.00	27.00	58.00
			982622	345.00	346.50	1.50	0.02		0.50	24.00	397.00
			982623	363.00	364.50	1.50	0.69		4.00	481.00	783.00
			982624	364.50	366.00	1.50	0.32		2.00	222.00	420.00
			982626	366.00	367.50	1.50	0.38		4.00	282.00	251.00
			982625	366.00	367.50	1.50	0.43		2.00	147.00	421.00
			982627	367.50	369.00	1.50	0.49		2.00	54.00	94.00
			982628	369.00	370.50	1.50	0.52		9.00	37.00	133.00
			982629	370.50	372.00	1.50	0.22		1.00	25.00	54.00
			982631	372.00	373.50	1.50	0.68		1.00	17.00	73.00
			982632	373.50	375.00	1.50	0.32		6.00	303.00	1065.00
			982633	375.00	376.50	1.50	0.12		2.00	51.00	111.00
			982634	376.50	378.00	1.50	0.02		1.00	36.00	67.00
			982635	378.00	379.50	1.50	0.50		3.00	152.00	383.00
982636	379.50	381.00	1.50	0.18		3.00	25.00	75.00			
982637	381.00	382.50	1.50	0.01		2.00	10.00	34.00			
982638	382.50	384.00	1.50	0.01		1.00	11.00	41.00			
982639	384.00	385.36	1.36	0.01		0.50	13.00	41.00			
385.36	392.89	MSS, Muscovite Sericite Schist MSS with strong sr alteration and little mineralization with rare sph stringers	982641	385.36	387.00	1.64	0.16		15.00	101.00	155.00
			982642	387.00	388.00	1.00	0.14		2.00	8.00	51.00
			982643	388.00	389.00	1.00	0.28		12.00	27.00	137.00
			982644	389.00	390.00	1.00	0.28		17.00	90.00	280.00
			982645	390.00	391.00	1.00	0.84		45.00	187.00	265.00
			982646	390.00	391.00	1.00	0.36		45.00	131.00	205.00
			982647	391.00	392.00	1.00	0.17		48.00	127.00	348.00
			982648	392.00	392.89	0.89	0.37		81.00	95.00	825.00

# DETAILED LOG

Hole Number: TL11127

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
392.89	436.86	BMS, Biotite Muscovite Schist BMS zone with little mineralization	982649	392.89	394.00	1.11	0.02		2.00	27.00	63.00
			982651	394.00	395.50	1.50	0.01		1.00	16.00	45.00
			982652	395.50	397.00	1.50	0.00		0.50	12.00	25.00
			982653	431.50	432.50	1.00	0.73		10.00	993.00	2933.00
			982654	432.50	434.00	1.50	0.04		0.50	52.00	170.00
			982655	434.00	435.00	1.00	0.12		1.00	48.00	176.00
			982656	435.00	436.00	1.00	0.05		1.00	15.00	63.00
			982657	436.00	436.86	0.86	0.04		0.50	46.00	50.00
436.86	450.50	MSS, Muscovite Sericite Schist C' zone with variable sr and si alteration and abundant py/sph/gn stringers	982658	436.86	438.00	1.14	0.07		0.50	63.00	376.00
			982659	438.00	439.00	1.00	0.20		1.00	47.00	196.00
			982661	439.00	440.00	1.00	0.09		1.00	14.00	36.00
			982662	440.00	441.00	1.00	0.06		2.00	11.00	36.00
			982663	441.00	442.00	1.00	0.06		3.00	15.00	57.00
			982664	442.00	443.00	1.00	0.05		0.50	18.00	70.00
			982665	443.00	444.00	1.00	0.06		0.50	29.00	395.00
			982666	443.00	444.00	1.00	0.15		1.00	28.00	382.00
			982667	444.00	445.00	1.00	0.81		1.00	208.00	558.00
			982668	445.00	446.00	1.00	0.27		0.50	147.00	575.00
			982669	446.00	447.00	1.00	0.30		3.00	553.00	1031.00
			982671	447.00	448.05	1.05	0.34		3.00	329.00	699.00
			982672	448.05	449.05	1.00	0.31		7.00	1226.00	7550.00
			982673	449.05	449.55	0.50	0.02		1.00	40.00	768.00
			982674	449.55	450.50	0.95	0.03		0.50	46.00	220.00
			450.50	459.00	BMS, Biotite Muscovite Schist EOH BMS with little mineralization	982675	450.50	452.00	1.50	0.02	

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982593	49.30	50.30	0.0670		3.0000	14.0000	74.0000
982594	219.59	220.59	0.2670		2.0000	575.0000	1011.0000
982595	305.50	307.00	0.3240		1.0000	19.0000	67.0000
982596	307.00	308.37	0.0260		1.0000	23.0000	65.0000
982597	308.37	309.50	0.0100		2.0000	34.0000	59.0000
982598	309.50	310.50	0.0130		0.5000	29.0000	75.0000
982599	310.50	311.50	0.0070		0.5000	20.0000	23.0000
982601	311.50	312.50	0.0140		0.5000	5.0000	12.0000
982602	312.50	313.50	0.0100		2.0000	8.0000	12.0000
982603	313.50	314.50	0.0110		1.0000	2.0000	11.0000
982604	314.50	315.48	0.0040		0.5000	8.0000	11.0000
982605	315.48	317.00	0.0760		1.0000	19.0000	63.0000

Hole Number: TL11127

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982607	317.00	318.50	0.0190		1.0000	18.0000	72.0000
982608	318.50	319.87	0.0140		0.5000	30.0000	115.0000
982609	319.87	321.00	0.0060		1.0000	14.0000	62.0000
982611	321.00	322.50	0.0060		3.0000	89.0000	143.0000
982612	322.50	324.00	0.0040		0.5000	16.0000	30.0000
982613	324.00	325.17	0.0050		0.5000	6.0000	22.0000
982614	325.17	326.50	0.0070		2.0000	9.0000	44.0000
982615	326.50	328.00	0.0050		0.5000	7.0000	59.0000
982616	337.50	339.00	0.0130		0.5000	17.0000	33.0000
982617	339.00	340.50	0.0200		2.0000	52.0000	146.0000
982618	340.50	342.00	0.0730		0.5000	54.0000	146.0000
982619	342.00	343.50	0.2040		4.0000	121.0000	163.0000
982621	343.50	345.00	0.0150		1.0000	27.0000	58.0000
982622	345.00	346.50	0.0180		0.5000	24.0000	397.0000
982623	363.00	364.50	0.6860		4.0000	481.0000	783.0000
982624	364.50	366.00	0.3160		2.0000	222.0000	420.0000
982625	366.00	367.50	0.4290		2.0000	147.0000	421.0000
982627	367.50	369.00	0.4850		2.0000	54.0000	94.0000
982628	369.00	370.50	0.5150		9.0000	37.0000	133.0000
982629	370.50	372.00	0.2170		1.0000	25.0000	54.0000
982631	372.00	373.50	0.6750		1.0000	17.0000	73.0000
982632	373.50	375.00	0.3180		6.0000	303.0000	1065.0000
982633	375.00	376.50	0.1200		2.0000	51.0000	111.0000
982634	376.50	378.00	0.0190		1.0000	36.0000	67.0000
982635	378.00	379.50	0.4970		3.0000	152.0000	383.0000
982636	379.50	381.00	0.1820		3.0000	25.0000	75.0000
982637	381.00	382.50	0.0090		2.0000	10.0000	34.0000
982638	382.50	384.00	0.0100		1.0000	11.0000	41.0000
982639	384.00	385.36	0.0100		0.5000	13.0000	41.0000
982641	385.36	387.00	0.1550		15.0000	101.0000	155.0000
982642	387.00	388.00	0.1420		2.0000	8.0000	51.0000
982643	388.00	389.00	0.2760		12.0000	27.0000	137.0000
982644	389.00	390.00	0.2760		17.0000	90.0000	280.0000
982645	390.00	391.00	0.8370		45.0000	187.0000	265.0000
982647	391.00	392.00	0.1670		48.0000	127.0000	348.0000
982648	392.00	392.89	0.3700		81.0000	95.0000	825.0000
982649	392.89	394.00	0.0150		2.0000	27.0000	63.0000
982651	394.00	395.50	0.0070		1.0000	16.0000	45.0000
982652	395.50	397.00	0.0040		0.5000	12.0000	25.0000

Hole Number: TL11127

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982653	431.50	432.50	0.7330		10.0000	993.0000	2933.0000
982654	432.50	434.00	0.0380		0.5000	52.0000	170.0000
982655	434.00	435.00	0.1200		1.0000	48.0000	176.0000
982656	435.00	436.00	0.0510		1.0000	15.0000	63.0000
982657	436.00	436.86	0.0430		0.5000	46.0000	50.0000
982658	436.86	438.00	0.0690		0.5000	63.0000	376.0000
982659	438.00	439.00	0.1950		1.0000	47.0000	196.0000
982661	439.00	440.00	0.0890		1.0000	14.0000	36.0000
982662	440.00	441.00	0.0620		2.0000	11.0000	36.0000
982663	441.00	442.00	0.0550		3.0000	15.0000	57.0000
982664	442.00	443.00	0.0490		0.5000	18.0000	70.0000
982665	443.00	444.00	0.0640		0.5000	29.0000	395.0000
982667	444.00	445.00	0.8130		1.0000	208.0000	558.0000
982668	445.00	446.00	0.2720		0.5000	147.0000	575.0000
982669	446.00	447.00	0.3040		3.0000	553.0000	1031.0000
982671	447.00	448.05	0.3440		3.0000	329.0000	699.0000
982672	448.05	449.05	0.3140		7.0000	1226.0000	7550.0000
982673	449.05	449.55	0.0150		1.0000	40.0000	768.0000
982674	449.55	450.50	0.0320		0.5000	46.0000	220.0000
982675	450.50	452.00	0.0160		2.0000	115.0000	217.0000
Sample Type	CDUP						
982606	315.48	317.00	0.0520		0.5000	18.0000	63.0000
982626	366.00	367.50	0.3770		4.0000	282.0000	251.0000
982646	390.00	391.00	0.3550		45.0000	131.0000	205.0000
982666	443.00	444.00	0.1460		1.0000	28.0000	382.0000

# DETAILED LOG

Hole Number: TL11128

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -66.10
Project Number: TMI-TL	North: 5511786.03	North:	Collar Az: 314.70
Location: Zealand Township	East: 528282.48	East:	Length: 471.00
	Elev: 392.98	Elev:	Start Depth: 0.00
Date Started: Feb 10, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Feb 14, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 471.00

Comments: Main Zone from 364.00-400.60 m. 2-3% disseminated pyrite + 1% sphalerite. Trace pyrrhotite + chalcopyrite + galena.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	312.00	-67.00	EZ Sho	OK		18.00	314.70	-66.10	EZ Sho	OK	
51.00	319.60	-64.60	EZ Sho	OK		102.00	320.00	-64.00	EZ Sho	OK	
150.00	321.60	-62.70	EZ Sho	OK		201.00	324.60	-61.10	EZ Sho	OK	
252.00	325.10	-59.80	EZ Sho	OK		288.00	326.10	-57.80	EZ Sho	OK	
300.00	326.70	-57.50	EZ Sho	OK		351.00	327.70	-56.50	EZ Sho	OK	
402.00	327.70	-55.30	EZ Sho	OK		450.00	330.30	-53.00	EZ Sho	OK	
471.00	331.50	-52.00	EZ Sho	OK							

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	6.00	OB, Overburden									
6.00	44.16	BS, Biotite Schist									
44.16	307.61	BMS, Biotite Muscovite Schist	981646	221.50	221.85	0.35	0.30		16.00	2108.00	5984.00
			981645	221.50	221.85	0.35	0.31		15.00	1776.00	4656.00
			981647	228.82	230.32	1.50	0.08		8.00	148.00	2715.00
			981648	230.32	231.82	1.50	0.05		4.00	22.00	698.00
			981649	231.82	233.32	1.50	0.03		5.00	41.00	238.00
			981651	252.00	254.47	2.47	0.01		5.00	33.00	884.00
			981652	254.47	255.97	1.50	0.01		4.00	35.00	74.00
			981653	256.43	256.63	0.20	0.66		13.00	1275.00	1253.00
			981654	306.00	307.61	1.61	0.09		5.00	37.00	99.00

# DETAILED LOG

Hole Number: TL11128

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
307.61	315.95	MSS, Muscovite Sericite Schist	981655	307.61	309.00	1.39	0.01		5.00	17.00	64.00
			981656	309.00	310.00	1.00	0.01		5.00	29.00	83.00
			981657	310.00	311.00	1.00	0.01		6.00	14.00	81.00
			981658	311.00	312.00	1.00	0.01		5.00	19.00	29.00
			981659	312.00	313.00	1.00	0.01		4.00	9.00	24.00
			981661	313.00	314.00	1.00	0.01		4.00	8.00	43.00
			981662	314.00	315.00	1.00	0.01		4.00	3.00	32.00
			981663	315.00	315.95	0.95	0.01		4.00	16.00	34.00
315.95	320.80	BMS, Biotite Muscovite Schist	981664	315.95	317.50	1.55	0.21		5.00	15.00	131.00
			981666	317.50	319.00	1.50	0.32		4.00	22.00	79.00
			981665	317.50	319.00	1.50	0.05		5.00	14.00	87.00
			981667	319.00	320.80	1.80	0.02		4.00	21.00	103.00
320.80	326.38	MSS, Muscovite Sericite Schist	981668	320.80	322.00	1.20	0.00		4.00	16.00	60.00
			981669	322.00	323.00	1.00	0.00		3.00	8.00	61.00
			981671	323.00	324.00	1.00	0.00		4.00	11.00	49.00
			981672	324.00	325.38	1.38	0.00		4.00	0.50	13.00
			981673	325.38	326.38	1.00	0.00		3.00	12.00	34.00
326.38	379.60	BMS, Biotite Muscovite Schist	981674	326.38	328.00	1.62	0.01		4.00	0.50	53.00
			981675	352.50	354.00	1.50	0.07		5.00	25.00	179.00
			981676	354.00	355.75	1.75	0.03		5.00	55.00	198.00
			981677	358.50	360.00	1.50	0.28		6.00	119.00	549.00
			981678	360.00	361.50	1.50	0.25		7.00	42.00	169.00
			981679	363.00	364.50	1.50	0.43		13.00	56.00	291.00
			981681	364.50	365.80	1.30	0.07		6.00	26.00	129.00
			981682	365.80	366.80	1.00	0.76		4.00	28.00	71.00
			981683	366.80	367.80	1.00	0.28		6.00	49.00	180.00
			981684	367.80	369.00	1.20	0.41		6.00	108.00	805.00
			981685	369.00	370.00	1.00	0.15		6.00	67.00	459.00
			981686	369.00	370.00	1.00	0.26		5.00	55.00	175.00
			981687	370.00	371.00	1.00	1.02		7.00	110.00	248.00
			981688	371.00	372.00	1.00	1.81		8.00	52.00	216.00
			981689	372.00	373.50	1.50	0.66		6.00	31.00	143.00
			981691	373.50	375.00	1.50	3.29		12.00	104.00	302.00
			981692	375.00	376.50	1.50	1.04		11.00	36.00	110.00
981693	376.50	378.00	1.50	0.40		7.00	22.00	277.00			
981694	378.00	379.60	1.60	0.06		5.00	19.00	80.00			

## DETAILED LOG

Hole Number: TL11128

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
379.60	400.65	MSS, Muscovite Sericite Schist MSS with fault zones (majority is most likely poor core recovery) and strong sericitization. Common sph stringers	981695	379.60	381.00	1.40	0.78		8.00	41.00	176.00
			981696	381.00	382.00	1.00	0.22		8.00	17.00	52.00
			981697	382.00	383.00	1.00	0.90		12.00	296.00	1048.00
			981698	383.00	384.00	1.00	1.03		7.00	91.00	156.00
			981699	384.00	385.50	1.50	0.15		5.00	18.00	124.00
			981701	385.50	387.00	1.50	0.04		4.00	13.00	189.00
			981702	387.00	388.50	1.50	0.01		4.00	28.00	105.00
			981703	388.50	390.00	1.50	0.01		4.00	8.00	30.00
			981704	390.00	391.50	1.50	0.20		8.00	53.00	126.00
			981705	391.50	393.00	1.50	0.35		8.00	107.00	245.00
			981706	391.50	393.00	1.50	0.30		9.00	45.00	600.00
			981707	393.00	394.50	1.50	0.38		52.00	20.00	192.00
			981708	394.50	396.00	1.50	0.08		8.00	8.00	63.00
			981709	396.00	397.50	1.50	0.18		9.00	17.00	158.00
			981711	397.50	399.00	1.50	0.09		8.00	16.00	112.00
981712	399.00	400.65	1.65	0.30		39.00	54.00	214.00			
400.65	415.78	BMS, Biotite Muscovite Schist	981713	400.65	402.00	1.35	0.03		6.00	20.00	625.00
			981714	414.50	415.78	1.28	0.01		4.00	13.00	55.00
415.78	421.00	MSS, Muscovite Sericite Schist	981715	415.78	417.00	1.22	0.01		4.00	7.00	56.00
			981716	417.00	418.00	1.00	0.01		4.00	11.00	57.00
			981717	418.00	419.00	1.00	0.01		4.00	17.00	58.00
			981718	419.00	420.00	1.00	0.06		5.00	55.00	132.00
			981719	420.00	421.00	1.00	0.16		13.00	227.00	508.00
421.00	448.53	BMS, Biotite Muscovite Schist	981721	421.00	422.50	1.50	0.06		8.00	24.00	87.00
			981722	426.25	427.25	1.00	0.02		4.00	11.00	32.00
			981723	447.00	448.53	1.53	0.17		4.00	34.00	332.00
448.53	458.43	MSS, Muscovite Sericite Schist	981724	448.53	450.00	1.47	0.05		4.00	20.00	53.00
			981725	450.00	451.00	1.00	0.13		4.00	28.00	234.00
			981726	450.00	451.00	1.00	0.18		4.00	18.00	120.00
			981727	451.00	452.00	1.00	0.06		4.00	15.00	42.00
			981728	452.00	453.00	1.00	0.10		4.00	22.00	47.00
			981729	453.00	454.00	1.00	0.06		5.00	25.00	68.00
			981731	454.00	455.00	1.00	0.07		4.00	9.00	63.00
			981732	455.00	456.00	1.00	0.20		5.00	85.00	799.00
			981733	456.00	457.00	1.00	0.16		5.00	25.00	421.00
			981734	457.00	458.43	1.43	0.05		5.00	45.00	234.00
458.43	471.00	BMS, Biotite Muscovite Schist	981735	458.43	460.00	1.57	0.05		5.00	60.00	339.00
			981736	460.00	461.00	1.00	0.03		4.00	19.00	117.00
			981737	461.00	462.00	1.00	0.03		6.00	34.00	129.00
			981738	462.00	463.50	1.50	0.15		6.00	37.00	99.00
			981739	463.50	465.00	1.50	0.05		5.00	42.00	631.00
			981741	465.00	466.50	1.50	0.03		5.00	25.00	148.00
			981742	466.50	468.00	1.50	0.07		5.00	23.00	389.00



Hole Number: TL11128

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981645	221.50	221.85	0.3090		15.0000	1776.0000	4656.0000
981647	228.82	230.32	0.0760		8.0000	148.0000	2715.0000
981648	230.32	231.82	0.0520		4.0000	22.0000	698.0000
981649	231.82	233.32	0.0260		5.0000	41.0000	238.0000
981651	252.00	254.47	0.0090		5.0000	33.0000	884.0000
981652	254.47	255.97	0.0080		4.0000	35.0000	74.0000
981653	256.43	256.63	0.6570		13.0000	1275.0000	1253.0000
981654	306.00	307.61	0.0880		5.0000	37.0000	99.0000
981655	307.61	309.00	0.0110		5.0000	17.0000	64.0000
981656	309.00	310.00	0.0100		5.0000	29.0000	83.0000
981657	310.00	311.00	0.0080		6.0000	14.0000	81.0000
981658	311.00	312.00	0.0070		5.0000	19.0000	29.0000
981659	312.00	313.00	0.0090		4.0000	9.0000	24.0000
981661	313.00	314.00	0.0120		4.0000	8.0000	43.0000
981662	314.00	315.00	0.0120		4.0000	3.0000	32.0000
981663	315.00	315.95	0.0050		4.0000	16.0000	34.0000
981664	315.95	317.50	0.2120		5.0000	15.0000	131.0000
981665	317.50	319.00	0.0540		5.0000	14.0000	87.0000
981667	319.00	320.80	0.0150		4.0000	21.0000	103.0000
981668	320.80	322.00	0.0030		4.0000	16.0000	60.0000
981669	322.00	323.00	0.0030		3.0000	8.0000	61.0000
981671	323.00	324.00	0.0005		4.0000	11.0000	49.0000
981672	324.00	325.38	0.0005		4.0000	0.5000	13.0000
981673	325.38	326.38	0.0005		3.0000	12.0000	34.0000
981674	326.38	328.00	0.0060		4.0000	0.5000	53.0000
981675	352.50	354.00	0.0650		5.0000	25.0000	179.0000
981676	354.00	355.75	0.0330		5.0000	55.0000	198.0000
981677	358.50	360.00	0.2760		6.0000	119.0000	549.0000
981678	360.00	361.50	0.2460		7.0000	42.0000	169.0000
981679	363.00	364.50	0.4320		13.0000	56.0000	291.0000
981681	364.50	365.80	0.0680		6.0000	26.0000	129.0000
981682	365.80	366.80	0.7560		4.0000	28.0000	71.0000
981683	366.80	367.80	0.2810		6.0000	49.0000	180.0000
981684	367.80	369.00	0.4050		6.0000	108.0000	805.0000
981685	369.00	370.00	0.1540		6.0000	67.0000	459.0000
981687	370.00	371.00	1.0150		7.0000	110.0000	248.0000
981688	371.00	372.00	1.8120		8.0000	52.0000	216.0000
981689	372.00	373.50	0.6620		6.0000	31.0000	143.0000
981691	373.50	375.00	3.2900		12.0000	104.0000	302.0000

Hole Number: TL11128

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981692	375.00	376.50	1.0360		11.0000	36.0000	110.0000
981693	376.50	378.00	0.4000		7.0000	22.0000	277.0000
981694	378.00	379.60	0.0630		5.0000	19.0000	80.0000
981695	379.60	381.00	0.7830		8.0000	41.0000	176.0000
981696	381.00	382.00	0.2230		8.0000	17.0000	52.0000
981697	382.00	383.00	0.9030		12.0000	296.0000	1048.0000
981698	383.00	384.00	1.0290		7.0000	91.0000	156.0000
981699	384.00	385.50	0.1520		5.0000	18.0000	124.0000
981701	385.50	387.00	0.0350		4.0000	13.0000	189.0000
981702	387.00	388.50	0.0140		4.0000	28.0000	105.0000
981703	388.50	390.00	0.0080		4.0000	8.0000	30.0000
981704	390.00	391.50	0.1950		8.0000	53.0000	126.0000
981705	391.50	393.00	0.3530		8.0000	107.0000	245.0000
981707	393.00	394.50	0.3800		52.0000	20.0000	192.0000
981708	394.50	396.00	0.0780		8.0000	8.0000	63.0000
981709	396.00	397.50	0.1760		9.0000	17.0000	158.0000
981711	397.50	399.00	0.0940		8.0000	16.0000	112.0000
981712	399.00	400.65	0.2980		39.0000	54.0000	214.0000
981713	400.65	402.00	0.0260		6.0000	20.0000	625.0000
981714	414.50	415.78	0.0070		4.0000	13.0000	55.0000
981715	415.78	417.00	0.0070		4.0000	7.0000	56.0000
981716	417.00	418.00	0.0080		4.0000	11.0000	57.0000
981717	418.00	419.00	0.0080		4.0000	17.0000	58.0000
981718	419.00	420.00	0.0590		5.0000	55.0000	132.0000
981719	420.00	421.00	0.1620		13.0000	227.0000	508.0000
981721	421.00	422.50	0.0550		8.0000	24.0000	87.0000
981722	426.25	427.25	0.0190		4.0000	11.0000	32.0000
981723	447.00	448.53	0.1710		4.0000	34.0000	332.0000
981724	448.53	450.00	0.0470		4.0000	20.0000	53.0000
981725	450.00	451.00	0.1310		4.0000	28.0000	234.0000
981727	451.00	452.00	0.0620		4.0000	15.0000	42.0000
981728	452.00	453.00	0.0980		4.0000	22.0000	47.0000
981729	453.00	454.00	0.0630		5.0000	25.0000	68.0000
981731	454.00	455.00	0.0700		4.0000	9.0000	63.0000
981732	455.00	456.00	0.2040		5.0000	85.0000	799.0000
981733	456.00	457.00	0.1600		5.0000	25.0000	421.0000
981734	457.00	458.43	0.0530		5.0000	45.0000	234.0000
981735	458.43	460.00	0.0460		5.0000	60.0000	339.0000
981736	460.00	461.00	0.0320		4.0000	19.0000	117.0000

Hole Number: TL11128

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981737	461.00	462.00	0.0250		6.0000	34.0000	129.0000
981738	462.00	463.50	0.1510		6.0000	37.0000	99.0000
981739	463.50	465.00	0.0490		5.0000	42.0000	631.0000
981741	465.00	466.50	0.0280		5.0000	25.0000	148.0000
981742	466.50	468.00	0.0660		5.0000	23.0000	389.0000
Sample Type	CDUP						
981646	221.50	221.85	0.3020		16.0000	2108.0000	5984.0000
981666	317.50	319.00	0.3220		4.0000	22.0000	79.0000
981686	369.00	370.00	0.2570		5.0000	55.0000	175.0000
981706	391.50	393.00	0.2970		9.0000	45.0000	600.0000
981726	450.00	451.00	0.1760		4.0000	18.0000	120.0000

# DETAILED LOG

Hole Number: TL11129 Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.10
Project Number: TMI-TL	North: 5511817.93	North:	Collar Az: 318.90
Location: Zealand Township	East: 528331.68	East:	Length: 456.00
	Elev: 393.33	Elev:	Start Depth: 0.00
Date Started: Feb 11, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: May 14, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 456.00

Comments: Main zone from 347.93-367.29 m. 3-4% pyrite + 2% sphalerite + 1% galena. Chalcopyrite found in sulphide stringers with local galena.  
C zone from 434.33-449.13 m.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	318.00	-65.40	EZ Sho	OK		18.00	320.90	-65.20	EZ Sho	OK	
21.00	318.90	-65.10	EZ Sho	OK		24.00	319.20	-65.20	EZ Sho	OK	
51.00	318.70	-64.80	EZ Sho	OK		104.00	318.60	-64.30	EZ Sho	OK	
150.00	320.10	-63.10	EZ Sho	OK		201.00	321.40	-62.40	EZ Sho	OK	
251.00	323.10	-61.30	EZ Sho	OK		267.00	323.30	-61.10	EZ Sho	OK	
300.00	324.70	-60.60	EZ Sho	OK		351.00	325.60	-59.80	EZ Sho	OK	
402.00	326.70	-57.60	EZ Sho	OK		456.00	335.70	-51.60	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	8.41	OB, Overburden									
8.41	210.35	BMS, Biotite Muscovite Schist	982676	18.25	18.65	0.40	0.03		1.00	71.00	1327.00
			982677	204.50	206.00	1.50	0.09		1.00	17.00	93.00
			982678	206.00	207.00	1.00	0.02		3.00	22.00	107.00
			982679	207.00	208.00	1.00	0.06		2.00	15.00	80.00
			982681	208.00	209.00	1.00	0.02		0.50	18.00	31.00
			982682	209.00	210.35	1.35	0.58		0.50	20.00	91.00
210.35	217.50	MSS, Muscovite Sericite Schist	982683	210.35	211.50	1.15	0.01		1.00	17.00	63.00
			982684	211.50	212.50	1.00	0.01		1.00	8.00	27.00
			982686	212.50	213.50	1.00	0.01		0.50	7.00	13.00
			982685	212.50	213.50	1.00	0.01		0.50	7.00	13.00
			982687	213.50	214.50	1.00	0.01		0.50	7.00	10.00
			982688	214.50	215.50	1.00	0.01		1.00	14.00	10.00
			982689	215.50	216.50	1.00	0.01		0.50	20.00	25.00
			982691	216.50	217.50	1.00	0.01		1.00	10.00	34.00

## DETAILED LOG

Hole Number: TL11129

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
217.50	249.00	BMS, Biotite Muscovite Schist	982692	217.50	219.00	1.50	0.01		0.50	9.00	44.0
			982693	219.00	220.50	1.50	0.02		2.00	10.00	61.0
			982694	220.50	222.00	1.50	0.01		1.00	6.00	46.0
			982695	222.00	223.00	1.00	0.01		0.50	10.00	81.0
			982696	223.00	224.50	1.50	0.01		1.00	9.00	17.0
			982697	247.50	249.00	1.50	0.01		2.00	8.00	51.0
249.00	256.42	MSS, Muscovite Sericite Schist	982698	249.00	250.50	1.50	0.00		0.50	7.00	11.0
			982699	250.50	252.00	1.50	0.00		0.50	9.00	12.0
			982701	252.00	253.50	1.50	0.00		1.00	7.00	11.0
			982702	253.50	255.00	1.50	0.00		0.50	7.00	7.0
			982703	255.00	256.42	1.42	0.01		0.50	9.00	15.0
256.42	299.51	BMS, Biotite Muscovite Schist	982704	256.42	258.00	1.58	0.07		8.00	58.00	102.0
			982705	298.00	299.51	1.51	0.12		0.50	41.00	65.0
			982706	298.00	299.51	1.51	0.13		1.00	33.00	59.0
299.51	314.87	MSS, Muscovite Sericite Schist	982707	299.51	301.00	1.49	0.00		0.50	10.00	102.0
			982708	301.00	302.50	1.50	0.00		1.00	6.00	143.0
			982709	302.50	304.00	1.50	0.00		0.50	10.00	73.0
			982711	304.00	305.50	1.50	0.01		1.00	16.00	55.0
			982712	305.50	307.00	1.50	0.01		1.00	167.00	235.0
			982713	307.00	308.50	1.50	0.01		0.50	18.00	21.0
			982714	308.50	310.00	1.50	0.02		1.00	80.00	49.0
			982715	310.00	311.50	1.50	0.01		1.00	8.00	19.0
			982716	311.50	313.00	1.50	0.01		0.50	11.00	22.0
			982717	313.00	314.87	1.87	0.00		0.50	8.00	17.0
314.87	347.93	BMS, Biotite Muscovite Schist	982718	314.87	316.00	1.13	0.04		0.50	26.00	117.0
			982719	322.50	324.00	1.50	0.02		0.50	25.00	89.0
			982721	324.00	325.00	1.00	0.05		0.50	30.00	117.0
			982722	325.00	326.00	1.00	0.28		2.00	59.00	171.0
			982723	326.00	327.00	1.00	0.15		3.00	41.00	105.0
			982724	327.00	328.50	1.50	0.01		0.50	14.00	24.0
			982725	346.43	347.93	1.50	0.16		2.00	24.00	68.0
			982726	346.43	347.93	1.50	0.22		2.00	26.00	67.0

## DETAILED LOG

Hole Number: TL11129

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
347.93	367.29	MSS, Muscovite Sericite Schist	982727	347.93	349.50	1.57	0.65		6.00	46.00	144.00
			982728	349.50	351.00	1.50	0.07		3.00	39.00	94.00
			982729	351.00	352.50	1.50	1.18		2.00	107.00	436.00
			982731	352.50	354.00	1.50	0.76		3.00	612.00	561.00
			982732	354.00	355.00	1.00	2.24		17.00	467.00	769.00
			982733	355.00	356.00	1.00	0.29		4.00	108.00	107.00
			982734	356.00	357.00	1.00	3.03		28.00	114.00	44.00
			982735	357.00	358.50	1.50	1.84		11.00	197.00	331.00
			982736	358.50	359.50	1.00	3.24		18.00	286.00	562.00
			982737	359.50	360.50	1.00	13.73	18.12	45.00	2041.00	4217.00
			982738	360.50	361.50	1.00	3.67		30.00	503.00	1224.00
			982739	361.50	362.50	1.00	1.88		20.00	385.00	727.00
			982741	362.50	364.00	1.50	1.20		40.00	101.00	309.00
			982742	364.00	365.50	1.50	0.43		5.00	240.00	601.00
982743	365.50	367.29	1.79	0.48		1.00	113.00	168.00			
367.29	382.71	BMS, Biotite Muscovite Schist	982744	367.29	369.00	1.71	0.01		1.00	17.00	45.00
			982745	369.00	370.50	1.50	0.01		2.00	15.00	35.00
			982746	369.00	370.50	1.50	0.00		2.00	16.00	35.00
			982747	370.50	372.00	1.50	0.03		0.50	15.00	86.00
			982748	372.00	373.50	1.50	0.03		2.00	17.00	289.00
			982749	373.50	375.00	1.50	0.01		3.00	15.00	70.00
			982751	375.00	376.50	1.50	0.01		0.50	7.00	29.00
			982752	376.50	378.00	1.50	0.01		1.00	3.00	33.00
			982753	378.00	379.50	1.50	0.01		1.00	10.00	42.00
			982754	379.50	381.00	1.50	0.03		0.50	7.00	69.00
			982755	381.00	382.71	1.71	0.02		2.00	23.00	122.00
382.71	399.17	MSS, Muscovite Sericite Schist	982756	382.71	384.00	1.29	0.02		1.00	16.00	33.00
			982757	384.00	385.00	1.00	0.21		26.00	29.00	151.00
			982758	385.00	386.00	1.00	1.00		93.00	127.00	1283.00
			982759	386.00	387.00	1.00	0.12		17.00	51.00	80.00
			982761	387.00	388.00	1.00	0.09		19.00	65.00	107.00
			982762	388.00	389.00	1.00	0.03		4.00	25.00	72.00
			982763	389.00	390.00	1.00	0.01		0.50	23.00	36.00
			982764	390.00	391.50	1.50	0.00		0.50	14.00	46.00
			982766	391.50	393.00	1.50	0.01		0.50	9.00	9.00
			982765	391.50	393.00	1.50	0.00		1.00	10.00	8.00
			982767	393.00	394.50	1.50	0.01		0.50	11.00	4.00
			982768	394.50	396.00	1.50	0.01		0.50	6.00	8.00
			982769	396.00	397.50	1.50	0.00		1.00	10.00	12.00
982771	397.50	399.17	1.67	0.01		1.00	14.00	12.00			

DETAILED LOG

Hole Number: TL11129

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
399.17	434.33	BMS, Biotite Muscovite Schist	982772	399.17	400.50	1.33	0.01		1.00	10.00	33.00
			982773	424.50	426.00	1.50	0.01		2.00	17.00	31.00
			982774	426.00	426.50	0.50	0.01		0.50	19.00	48.00
			982775	433.00	434.33	1.33	0.01		2.00	26.00	83.00
434.33	449.13	MSS, Muscovite Sericite Schist	982776	434.33	435.00	0.67	0.01		0.50	23.00	47.00
			982777	435.00	436.50	1.50	0.06		2.00	23.00	90.00
			982778	436.50	438.00	1.50	0.32		1.00	37.00	446.00
			982779	438.00	439.00	1.00	0.21		0.50	50.00	87.00
			982781	439.00	440.00	1.00	0.33		2.00	99.00	223.00
			982782	440.00	441.00	1.00	0.13		2.00	34.00	520.00
			982783	441.00	442.00	1.00	0.10		0.50	23.00	26.00
			982784	442.00	443.00	1.00	0.06		2.00	28.00	149.00
			982785	443.00	444.00	1.00	0.09		0.50	62.00	3255.00
			982786	443.00	444.00	1.00	0.06		0.50	64.00	3664.00
			982787	444.00	445.00	1.00	0.34		2.00	1287.00	4418.00
			982788	445.00	446.00	1.00	0.20		0.50	129.00	374.00
			982789	446.00	447.00	1.00	0.56		2.00	79.00	415.00
			982791	447.00	448.00	1.00	0.04		3.00	83.00	206.00
982792	448.00	449.13	1.13	0.28		1.00	33.00	980.00			
449.13	456.00	BMS, Biotite Muscovite Schist	982793	449.13	450.50	1.37	0.04		0.50	27.00	88.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982676	18.25	18.65	0.0300		1.0000	71.0000	1327.0000
982677	204.50	206.00	0.0920		1.0000	17.0000	93.0000
982678	206.00	207.00	0.0240		3.0000	22.0000	107.0000
982679	207.00	208.00	0.0610		2.0000	15.0000	80.0000
982681	208.00	209.00	0.0190		0.5000	18.0000	31.0000
982682	209.00	210.35	0.5840		0.5000	20.0000	91.0000
982683	210.35	211.50	0.0060		1.0000	17.0000	63.0000
982684	211.50	212.50	0.0070		1.0000	8.0000	27.0000
982685	212.50	213.50	0.0140		0.5000	7.0000	13.0000
982687	213.50	214.50	0.0060		0.5000	7.0000	10.0000
982688	214.50	215.50	0.0050		1.0000	14.0000	10.0000
982689	215.50	216.50	0.0050		0.5000	20.0000	25.0000
982691	216.50	217.50	0.0110		1.0000	10.0000	34.0000
982692	217.50	219.00	0.0080		0.5000	9.0000	44.0000
982693	219.00	220.50	0.0150		2.0000	10.0000	61.0000
982694	220.50	222.00	0.0100		1.0000	6.0000	46.0000
982695	222.00	223.00	0.0120		0.5000	10.0000	81.0000

Hole Number: TL11129

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982696	223.00	224.50	0.0140		1.0000	9.0000	17.0000
982697	247.50	249.00	0.0090		2.0000	8.0000	51.0000
982698	249.00	250.50	0.0020		0.5000	7.0000	11.0000
982699	250.50	252.00	0.0020		0.5000	9.0000	12.0000
982701	252.00	253.50	0.0010		1.0000	7.0000	11.0000
982702	253.50	255.00	0.0020		0.5000	7.0000	7.0000
982703	255.00	256.42	0.0110		0.5000	9.0000	15.0000
982704	256.42	258.00	0.0730		8.0000	58.0000	102.0000
982705	298.00	299.51	0.1230		0.5000	41.0000	65.0000
982707	299.51	301.00	0.0030		0.5000	10.0000	102.0000
982708	301.00	302.50	0.0040		1.0000	6.0000	143.0000
982709	302.50	304.00	0.0020		0.5000	10.0000	73.0000
982711	304.00	305.50	0.0070		1.0000	16.0000	55.0000
982712	305.50	307.00	0.0090		1.0000	167.0000	235.0000
982713	307.00	308.50	0.0060		0.5000	18.0000	21.0000
982714	308.50	310.00	0.0240		1.0000	80.0000	49.0000
982715	310.00	311.50	0.0110		1.0000	8.0000	19.0000
982716	311.50	313.00	0.0050		0.5000	11.0000	22.0000
982717	313.00	314.87	0.0040		0.5000	8.0000	17.0000
982718	314.87	316.00	0.0390		0.5000	26.0000	117.0000
982719	322.50	324.00	0.0200		0.5000	25.0000	89.0000
982721	324.00	325.00	0.0460		0.5000	30.0000	117.0000
982722	325.00	326.00	0.2820		2.0000	59.0000	171.0000
982723	326.00	327.00	0.1530		3.0000	41.0000	105.0000
982724	327.00	328.50	0.0070		0.5000	14.0000	24.0000
982725	346.43	347.93	0.1560		2.0000	24.0000	68.0000
982727	347.93	349.50	0.6500		6.0000	46.0000	144.0000
982728	349.50	351.00	0.0720		3.0000	39.0000	94.0000
982729	351.00	352.50	1.1790		2.0000	107.0000	436.0000
982731	352.50	354.00	0.7560		3.0000	612.0000	561.0000
982732	354.00	355.00	2.2390		17.0000	467.0000	769.0000
982733	355.00	356.00	0.2850		4.0000	108.0000	107.0000
982734	356.00	357.00	3.0270		28.0000	114.0000	44.0000
982735	357.00	358.50	1.8360		11.0000	197.0000	331.0000
982736	358.50	359.50	3.2400		18.0000	286.0000	562.0000
982737	359.50	360.50	13.7340	18.1170	45.0000	2041.0000	4217.0000
982738	360.50	361.50	3.6720		30.0000	503.0000	1224.0000
982739	361.50	362.50	1.8760		20.0000	385.0000	727.0000
982741	362.50	364.00	1.1960		40.0000	101.0000	309.0000



Hole Number: TL11129

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982742	364.00	365.50	0.4330		5.0000	240.0000	601.0000
982743	365.50	367.29	0.4750		1.0000	113.0000	168.0000
982744	367.29	369.00	0.0130		1.0000	17.0000	45.0000
982745	369.00	370.50	0.0110		2.0000	15.0000	35.0000
982747	370.50	372.00	0.0250		0.5000	15.0000	86.0000
982748	372.00	373.50	0.0280		2.0000	17.0000	289.0000
982749	373.50	375.00	0.0070		3.0000	15.0000	70.0000
982751	375.00	376.50	0.0080		0.5000	7.0000	29.0000
982752	376.50	378.00	0.0070		1.0000	3.0000	33.0000
982753	378.00	379.50	0.0110		1.0000	10.0000	42.0000
982754	379.50	381.00	0.0330		0.5000	7.0000	69.0000
982755	381.00	382.71	0.0240		2.0000	23.0000	122.0000
982756	382.71	384.00	0.0180		1.0000	16.0000	33.0000
982757	384.00	385.00	0.2110		26.0000	29.0000	151.0000
982758	385.00	386.00	1.0000		93.0000	127.0000	1283.0000
982759	386.00	387.00	0.1220		17.0000	51.0000	80.0000
982761	387.00	388.00	0.0850		19.0000	65.0000	107.0000
982762	388.00	389.00	0.0330		4.0000	25.0000	72.0000
982763	389.00	390.00	0.0130		0.5000	23.0000	36.0000
982764	390.00	391.50	0.0020		0.5000	14.0000	46.0000
982765	391.50	393.00	0.0020		1.0000	10.0000	8.0000
982767	393.00	394.50	0.0090		0.5000	11.0000	4.0000
982768	394.50	396.00	0.0070		0.5000	6.0000	8.0000
982769	396.00	397.50	0.0040		1.0000	10.0000	12.0000
982771	397.50	399.17	0.0090		1.0000	14.0000	12.0000
982772	399.17	400.50	0.0090		1.0000	10.0000	33.0000
982773	424.50	426.00	0.0090		2.0000	17.0000	31.0000
982774	426.00	426.50	0.0140		0.5000	19.0000	48.0000
982775	433.00	434.33	0.0110		2.0000	26.0000	83.0000
982776	434.33	435.00	0.0130		0.5000	23.0000	47.0000
982777	435.00	436.50	0.0590		2.0000	23.0000	90.0000
982778	436.50	438.00	0.3230		1.0000	37.0000	446.0000
982779	438.00	439.00	0.2060		0.5000	50.0000	87.0000
982781	439.00	440.00	0.3250		2.0000	99.0000	223.0000
982782	440.00	441.00	0.1330		2.0000	34.0000	520.0000
982783	441.00	442.00	0.1020		0.5000	23.0000	26.0000
982784	442.00	443.00	0.0570		2.0000	28.0000	149.0000
982785	443.00	444.00	0.0920		0.5000	62.0000	3255.0000
982787	444.00	445.00	0.3420		2.0000	1287.0000	4418.0000

Hole Number: TL11129

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982788	445.00	446.00	0.2010		0.5000	129.0000	374.0000
982789	446.00	447.00	0.5620		2.0000	79.0000	415.0000
982791	447.00	448.00	0.0430		3.0000	83.0000	206.0000
982792	448.00	449.13	0.2780		1.0000	33.0000	980.0000
982793	449.13	450.50	0.0380		0.5000	27.0000	88.0000
Sample Type	CDUP						
982686	212.50	213.50	0.0070		0.5000	7.0000	13.0000
982706	298.00	299.51	0.1320		1.0000	33.0000	59.0000
982726	346.43	347.93	0.2200		2.0000	26.0000	67.0000
982746	369.00	370.50	0.0040		2.0000	16.0000	35.0000
982766	391.50	393.00	0.0060		0.5000	9.0000	9.0000
982786	443.00	444.00	0.0630		0.5000	64.0000	3664.0000

# DETAILED LOG

Hole Number: TL11130

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -64.80
Project Number: TMI-TL	North: 5511841.26	North:	Collar Az: 307.90
Location: Zealand Township	East: 528322.32	East:	Length: 465.00
	Elev: 393.74	Elev:	Start Depth: 0.00
Date Started: Feb 14, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Feb 18, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 465.00

Comments: Main Zone from 325.80-344 m. 2% Sphalerite + 2-3% disseminated pyrite + 1% galena + 1% chalcopyrite.  
 C Zone from 417.62-437.59 m. 4% pyrite + uncommon 1-3% sphalerite +/- Arsenopyrite +/- pentlandite.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	306.00	-65.00	EZ Sho	OK		21.00	307.90	-64.80	EZ Sho	OK	
51.00	309.00	-64.60	EZ Sho	OK		102.00	311.00	-64.00	EZ Sho	OK	
150.00	311.60	-63.40	EZ Sho	OK		201.00	312.90	-62.60	EZ Sho	OK	
255.00	313.10	-61.70	EZ Sho	OK		300.00	314.40	-60.80	EZ Sho	OK	
351.00	316.90	-58.90	EZ Sho	OK		405.00	318.90	-56.10	EZ Sho	OK	
450.00	321.20	-54.50	EZ Sho	OK		465.00	322.50	-53.50	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	11.05	OB, Overburden									
11.05	271.30	BMS, Biotite Muscovite Schist	981743	90.00	91.50	1.50	0.17		0.50	0.50	375.00
			981744	91.50	93.00	1.50	1.64		11.00	1.00	1962.00
			981745	140.10	140.60	0.50	0.45		4.00	8.00	10613.00
			981746	140.10	140.60	0.50	0.33		3.00	7.00	12914.00
			981747	187.50	189.00	1.50	0.06		3.00	33.00	252.00
			981748	189.00	190.50	1.50	0.13		7.00	21.00	61.00
			981749	190.50	192.00	1.50	0.02		2.00	3.00	104.00
			981751	192.00	193.50	1.50	0.02		0.50	8.00	122.00
			981752	226.50	228.00	1.50	0.03		0.50	4.00	91.00
			981753	228.00	229.50	1.50	0.01		2.00	5.00	24.00
			981754	268.50	270.00	1.50	0.78		0.50	13.00	87.00
			981755	270.00	271.30	1.30	0.06		0.50	33.00	116.00

# DETAILED LOG

Hole Number: TL11130

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
271.30	292.71	MSS, Muscovite Sericite Schist	981756	271.30	273.00	1.70	0.03		0.50	34.00	152.00
			981757	273.00	274.00	1.00	0.03		1.00	20.00	76.00
			981758	274.00	275.00	1.00	0.01		0.50	7.00	29.00
			981759	275.00	276.00	1.00	0.02		0.50	9.00	50.00
			981761	276.00	277.50	1.50	0.03		0.50	16.00	327.00
			981762	277.50	279.00	1.50	0.01		1.00	0.50	38.00
			981763	279.00	280.50	1.50	0.01		1.00	3.00	118.00
			981764	280.50	282.00	1.50	0.01		0.50	6.00	323.00
			981766	282.00	283.50	1.50	0.01		0.50	4.00	143.00
			981765	282.00	283.50	1.50	0.01		0.50	5.00	181.00
			981767	283.50	285.00	1.50	0.02		0.50	12.00	77.00
			981768	285.00	286.00	1.00	0.01		1.00	10.00	39.00
			981769	286.00	287.00	1.00	0.03		2.00	109.00	141.00
			981771	287.00	288.00	1.00	0.01		1.00	0.50	39.00
			981772	288.00	289.00	1.00	0.01		1.00	0.50	49.00
			981773	289.00	290.00	1.00	0.01		0.50	0.50	34.00
			981774	290.00	291.00	1.00	0.01		1.00	0.50	38.00
981775	291.00	292.00	1.00	0.01		0.50	0.50	42.00			
981776	292.00	292.71	0.71	0.01		0.50	2.00	42.00			
292.71	325.80	BMS, Biotite Muscovite Schist	981777	292.71	294.00	1.29	0.01		0.50	0.50	78.00
			981778	324.30	325.80	1.50	0.01		0.50	26.00	108.00
325.80	344.37	MSS, Muscovite Sericite Schist	981779	325.80	327.00	1.20	0.02		2.00	33.00	139.00
			981781	327.00	328.00	1.00	0.04		3.00	81.00	208.00
			981782	328.00	329.00	1.00	0.16		4.00	76.00	221.00
			981783	329.00	330.00	1.00	0.34		10.00	155.00	196.00
			981784	330.00	331.00	1.00	1.38		13.00	155.00	211.00
			981785	331.00	332.00	1.00	1.03		16.00	156.00	224.00
			981786	331.00	332.00	1.00	0.98		13.00	134.00	225.00
			981787	332.00	333.00	1.00	0.23		2.00	26.00	107.00
			981788	333.00	334.00	1.00	0.22		3.00	41.00	158.00
			981789	334.00	335.00	1.00	0.64		22.00	473.00	669.00
			981791	335.00	336.00	1.00	5.50	4.78	8.00	139.00	307.00
			981792	336.00	337.00	1.00	1.67		30.00	1445.00	6090.00
			981793	337.00	338.00	1.00	0.21		0.50	51.00	138.00
			981794	338.00	339.00	1.00	0.57		5.00	147.00	295.00
			981795	339.00	340.00	1.00	5.17	10.19	32.00	379.00	790.00
			981796	340.00	341.00	1.00	1.76		6.00	259.00	480.00
			981797	341.00	342.00	1.00	89.24	239.25	43.00	2433.00	2450.00
981798	342.00	343.00	1.00	0.45		3.00	88.00	272.00			
981799	343.00	344.37	1.37	1.63		4.00	99.00	497.00			

# DETAILED LOG

Hole Number: TL11130

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
344.37	364.40	BMS, Biotite Muscovite Schist	981801	344.37	346.00	1.63	0.13		4.00	110.00	234.00
			981802	346.00	347.50	1.50	0.05		0.50	16.00	97.00
			981803	347.50	349.00	1.50	0.11		3.00	88.00	455.00
			981804	363.00	364.40	1.40	0.01		3.00	6.00	88.00
364.40	396.00	MSS, Muscovite Sericite Schist	981805	364.40	366.00	1.60	0.77		313.00	351.00	895.00
			981806	364.40	366.00	1.60	0.84		266.00	309.00	1181.00
			981807	366.00	367.00	1.00	0.06		9.00	38.00	145.00
			981808	367.00	368.00	1.00	0.08		9.00	44.00	151.00
			981809	368.00	369.00	1.00	0.06		6.00	43.00	81.00
			981811	369.00	370.00	1.00	0.12		16.00	47.00	133.00
			981812	370.00	371.00	1.00	0.04		15.00	51.00	230.00
			981813	371.00	372.00	1.00	0.15		18.00	55.00	257.00
			981814	372.00	373.00	1.00	0.05		4.00	17.00	73.00
			981815	373.00	374.00	1.00	0.01		0.50	11.00	62.00
			981816	374.00	375.00	1.00	0.00		0.50	0.50	42.00
			981817	375.00	376.50	1.50	0.00		1.00	3.00	21.00
			981818	376.50	378.00	1.50	0.00		0.50	0.50	39.00
			981819	378.00	379.50	1.50	0.00		0.50	0.50	34.00
			981821	379.50	381.00	1.50	0.01		0.50	0.50	37.00
			981822	381.00	382.00	1.00	0.02		0.50	0.50	80.00
			981823	382.00	383.00	1.00	0.03		0.50	7.00	47.00
			981824	383.00	384.00	1.00	0.03		0.50	4.00	73.00
			981825	384.00	385.00	1.00	0.02		0.50	3.00	61.00
			981826	384.00	385.00	1.00	0.03		0.50	4.00	65.00
			981827	385.00	386.00	1.00	0.01		0.50	14.00	104.00
			981828	386.00	387.00	1.00	0.01		0.50	20.00	87.00
			981829	387.00	388.00	1.00	0.01		0.50	18.00	124.00
			981831	388.00	389.00	1.00	0.01		0.50	3.00	81.00
			981832	389.00	390.00	1.00	0.01		0.50	0.50	109.00
			981833	390.00	391.00	1.00	0.02		0.50	0.50	56.00
			981834	391.00	392.00	1.00	0.01		0.50	4.00	103.00
			981835	392.00	393.00	1.00	0.01		0.50	12.00	69.00
			981836	393.00	394.00	1.00	0.07		0.50	36.00	62.00
			981837	394.00	395.00	1.00	0.18		5.00	63.00	166.00
			981838	395.00	396.00	1.00	0.61		12.00	34.00	138.00

# DETAILED LOG

Hole Number: TL11130

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
396.00	417.62	BMS, Biotite Muscovite Schist	981839	396.00	397.50	1.50	0.02		2.00	6.00	66.00
			981841	397.50	399.00	1.50	0.01		0.50	0.50	38.00
			981842	399.00	400.50	1.50	0.02		1.00	1.00	67.00
			981843	400.50	402.00	1.50	0.01		0.50	0.50	75.00
			981844	402.00	403.50	1.50	0.01		0.50	0.50	83.00
			981845	403.50	405.00	1.50	0.02		0.50	0.50	68.00
			981846	403.50	405.00	1.50	0.01		0.50	0.50	63.00
			981847	405.00	406.50	1.50	0.03		0.50	6.00	97.00
			981848	412.00	413.00	1.00	0.03		0.50	7.00	150.00
			981849	413.00	414.00	1.00	0.02		0.50	2.00	67.00
			981851	414.00	415.50	1.50	0.07		0.50	27.00	99.00
			981852	415.50	416.50	1.00	0.02		0.50	18.00	81.00
			981853	416.50	417.62	1.12	0.02		0.50	25.00	97.00
417.62	437.59	MSS, Muscovite Sericite Schist	981854	417.62	419.00	1.38	0.04		0.50	99.00	127.00
			981855	419.00	420.00	1.00	0.05		0.50	21.00	113.00
			981856	420.00	421.00	1.00	0.10		0.50	72.00	184.00
			981857	421.00	422.00	1.00	0.06		0.50	45.00	131.00
			981858	422.00	423.00	1.00	0.12		0.50	42.00	119.00
			981859	423.00	424.00	1.00	0.35		3.00	73.00	521.00
			981861	424.00	425.00	1.00	0.07		0.50	40.00	176.00
			981862	425.00	426.00	1.00	0.10		0.50	52.00	1057.00
			981863	426.00	427.00	1.00	0.20		1.00	25.00	265.00
			981864	427.00	428.00	1.00	0.09		0.50	20.00	119.00
			981865	428.00	429.00	1.00	0.10		2.00	34.00	117.00
			981866	428.00	429.00	1.00	0.10		0.50	39.00	117.00
			981867	429.00	430.00	1.00	0.09		2.00	7.00	78.00
			981868	430.00	431.00	1.00	0.05		1.00	19.00	87.00
			981869	431.00	432.00	1.00	0.11		0.50	38.00	270.00
			981871	432.00	433.00	1.00	0.18		0.50	90.00	569.00
			981872	433.00	434.00	1.00	0.19		0.50	158.00	2747.00
981873	434.00	435.00	1.00	0.10		6.00	1629.00	2313.00			
981874	435.00	436.25	1.25	0.06		1.00	126.00	296.00			
981875	436.25	437.59	1.34	0.11		0.50	114.00	376.00			
437.59	465.00	BMS, Biotite Muscovite Schist	981876	437.59	439.00	1.41	0.02		0.50	141.00	396.00
			981877	439.00	448.80	9.80	0.03		0.50	10.00	3209.00

**Samples**

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981743	90.00	91.50	0.1690		0.5000	0.5000	375.0000
981744	91.50	93.00	1.6370		11.0000	1.0000	1962.0000
981745	140.10	140.60	0.4510		4.0000	8.0000	10613.0000

Hole Number: TL11130

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981747	187.50	189.00	0.0560		3.0000	33.0000	252.0000
981748	189.00	190.50	0.1290		7.0000	21.0000	61.0000
981749	190.50	192.00	0.0180		2.0000	3.0000	104.0000
981751	192.00	193.50	0.0160		0.5000	8.0000	122.0000
981752	226.50	228.00	0.0270		0.5000	4.0000	91.0000
981753	228.00	229.50	0.0070		2.0000	5.0000	24.0000
981754	268.50	270.00	0.7800		0.5000	13.0000	87.0000
981755	270.00	271.30	0.0620		0.5000	33.0000	116.0000
981756	271.30	273.00	0.0330		0.5000	34.0000	152.0000
981757	273.00	274.00	0.0250		1.0000	20.0000	76.0000
981758	274.00	275.00	0.0110		0.5000	7.0000	29.0000
981759	275.00	276.00	0.0210		0.5000	9.0000	50.0000
981761	276.00	277.50	0.0300		0.5000	16.0000	327.0000
981762	277.50	279.00	0.0090		1.0000	0.5000	38.0000
981763	279.00	280.50	0.0140		1.0000	3.0000	118.0000
981764	280.50	282.00	0.0100		0.5000	6.0000	323.0000
981765	282.00	283.50	0.0080		0.5000	5.0000	181.0000
981767	283.50	285.00	0.0150		0.5000	12.0000	77.0000
981768	285.00	286.00	0.0120		1.0000	10.0000	39.0000
981769	286.00	287.00	0.0270		2.0000	109.0000	141.0000
981771	287.00	288.00	0.0080		1.0000	0.5000	39.0000
981772	288.00	289.00	0.0100		1.0000	0.5000	49.0000
981773	289.00	290.00	0.0120		0.5000	0.5000	34.0000
981774	290.00	291.00	0.0060		1.0000	0.5000	38.0000
981775	291.00	292.00	0.0070		0.5000	0.5000	42.0000
981776	292.00	292.71	0.0060		0.5000	2.0000	42.0000
981777	292.71	294.00	0.0130		0.5000	0.5000	78.0000
981778	324.30	325.80	0.0110		0.5000	26.0000	108.0000
981779	325.80	327.00	0.0180		2.0000	33.0000	139.0000
981781	327.00	328.00	0.0440		3.0000	81.0000	208.0000
981782	328.00	329.00	0.1590		4.0000	76.0000	221.0000
981783	329.00	330.00	0.3370		10.0000	155.0000	196.0000
981784	330.00	331.00	1.3780		13.0000	155.0000	211.0000
981785	331.00	332.00	1.0300		16.0000	156.0000	224.0000
981787	332.00	333.00	0.2250		2.0000	26.0000	107.0000
981788	333.00	334.00	0.2240		3.0000	41.0000	158.0000
981789	334.00	335.00	0.6360		22.0000	473.0000	669.0000
981791	335.00	336.00	5.4970	4.7770	8.0000	139.0000	307.0000
981792	336.00	337.00	1.6720		30.0000	1445.0000	6090.0000

Hole Number: TL11130

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981793	337.00	338.00	0.2060		0.5000	51.0000	138.0000
981794	338.00	339.00	0.5650		5.0000	147.0000	295.0000
981795	339.00	340.00	5.1710	10.1870	32.0000	379.0000	790.0000
981796	340.00	341.00	1.7600		6.0000	259.0000	480.0000
981797	341.00	342.00	89.2380	239.2460	43.0000	2433.0000	2450.0000
981798	342.00	343.00	0.4520		3.0000	88.0000	272.0000
981799	343.00	344.37	1.6270		4.0000	99.0000	497.0000
981801	344.37	346.00	0.1330		4.0000	110.0000	234.0000
981802	346.00	347.50	0.0500		0.5000	16.0000	97.0000
981803	347.50	349.00	0.1140		3.0000	88.0000	455.0000
981804	363.00	364.40	0.0130		3.0000	6.0000	88.0000
981805	364.40	366.00	0.7730		313.0000	351.0000	895.0000
981807	366.00	367.00	0.0590		9.0000	38.0000	145.0000
981808	367.00	368.00	0.0780		9.0000	44.0000	151.0000
981809	368.00	369.00	0.0630		6.0000	43.0000	81.0000
981811	369.00	370.00	0.1200		16.0000	47.0000	133.0000
981812	370.00	371.00	0.0360		15.0000	51.0000	230.0000
981813	371.00	372.00	0.1490		18.0000	55.0000	257.0000
981814	372.00	373.00	0.0460		4.0000	17.0000	73.0000
981815	373.00	374.00	0.0110		0.5000	11.0000	62.0000
981816	374.00	375.00	0.0030		0.5000	0.5000	42.0000
981817	375.00	376.50	0.0030		1.0000	3.0000	21.0000
981818	376.50	378.00	0.0030		0.5000	0.5000	39.0000
981819	378.00	379.50	0.0040		0.5000	0.5000	34.0000
981821	379.50	381.00	0.0090		0.5000	0.5000	37.0000
981822	381.00	382.00	0.0160		0.5000	0.5000	80.0000
981823	382.00	383.00	0.0270		0.5000	7.0000	47.0000
981824	383.00	384.00	0.0270		0.5000	4.0000	73.0000
981825	384.00	385.00	0.0150		0.5000	3.0000	61.0000
981827	385.00	386.00	0.0140		0.5000	14.0000	104.0000
981828	386.00	387.00	0.0050		0.5000	20.0000	87.0000
981829	387.00	388.00	0.0130		0.5000	18.0000	124.0000
981831	388.00	389.00	0.0090		0.5000	3.0000	81.0000
981832	389.00	390.00	0.0140		0.5000	0.5000	109.0000
981833	390.00	391.00	0.0150		0.5000	0.5000	56.0000
981834	391.00	392.00	0.0070		0.5000	4.0000	103.0000
981835	392.00	393.00	0.0100		0.5000	12.0000	69.0000
981836	393.00	394.00	0.0700		0.5000	36.0000	62.0000
981837	394.00	395.00	0.1830		5.0000	63.0000	166.0000



Hole Number: TL11130

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981838	395.00	396.00	0.6080		12.0000	34.0000	138.0000
981839	396.00	397.50	0.0240		2.0000	6.0000	66.0000
981841	397.50	399.00	0.0090		0.5000	0.5000	38.0000
981842	399.00	400.50	0.0150		1.0000	1.0000	67.0000
981843	400.50	402.00	0.0120		0.5000	0.5000	75.0000
981844	402.00	403.50	0.0110		0.5000	0.5000	83.0000
981845	403.50	405.00	0.0200		0.5000	0.5000	68.0000
981847	405.00	406.50	0.0330		0.5000	6.0000	97.0000
981848	412.00	413.00	0.0280		0.5000	7.0000	150.0000
981849	413.00	414.00	0.0170		0.5000	2.0000	67.0000
981851	414.00	415.50	0.0690		0.5000	27.0000	99.0000
981852	415.50	416.50	0.0240		0.5000	18.0000	81.0000
981853	416.50	417.62	0.0240		0.5000	25.0000	97.0000
981854	417.62	419.00	0.0360		0.5000	99.0000	127.0000
981855	419.00	420.00	0.0540		0.5000	21.0000	113.0000
981856	420.00	421.00	0.0980		0.5000	72.0000	184.0000
981857	421.00	422.00	0.0610		0.5000	45.0000	131.0000
981858	422.00	423.00	0.1190		0.5000	42.0000	119.0000
981859	423.00	424.00	0.3530		3.0000	73.0000	521.0000
981861	424.00	425.00	0.0660		0.5000	40.0000	176.0000
981862	425.00	426.00	0.1030		0.5000	52.0000	1057.0000
981863	426.00	427.00	0.1980		1.0000	25.0000	265.0000
981864	427.00	428.00	0.0900		0.5000	20.0000	119.0000
981865	428.00	429.00	0.0950		2.0000	34.0000	117.0000
981867	429.00	430.00	0.0910		2.0000	7.0000	78.0000
981868	430.00	431.00	0.0490		1.0000	19.0000	87.0000
981869	431.00	432.00	0.1060		0.5000	38.0000	270.0000
981871	432.00	433.00	0.1770		0.5000	90.0000	569.0000
981872	433.00	434.00	0.1870		0.5000	158.0000	2747.0000
981873	434.00	435.00	0.1000		6.0000	1629.0000	2313.0000
981874	435.00	436.25	0.0550		1.0000	126.0000	296.0000
981875	436.25	437.59	0.1050		0.5000	114.0000	376.0000
981876	437.59	439.00	0.0160		0.5000	141.0000	396.0000
981877	439.00	448.80	0.0330		0.5000	10.0000	3209.0000
Sample Type	CDUP						
981746	140.10	140.60	0.3320		3.0000	7.0000	12914.0000
981766	282.00	283.50	0.0110		0.5000	4.0000	143.0000
981786	331.00	332.00	0.9780		13.0000	134.0000	225.0000
981806	364.40	366.00	0.8430		266.0000	309.0000	1181.0000

Hole Number: TL11130

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type CDUP							
981826	384.00	385.00	0.0300		0.5000	4.0000	65.0000
981846	403.50	405.00	0.0120		0.5000	0.5000	63.0000
981866	428.00	429.00	0.0950		0.5000	39.0000	117.0000

# DETAILED LOG

Hole Number: TL11131

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511797.76	North:	Collar Az: 306.00
Location: Zealand Township	East: 528273.26	East:	Length: 465.00
	Elev: 393.68	Elev:	Start Depth: 0.00
Date Started: Feb 15, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Feb 19, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 465.00

Comments: Main Zone from 343.00-369.33 m. 4% disseminated pyrite with 2% sphalerite. 3% pyrrhotite + 1% chalcopyrite.  
 C Zone from 438.62-462.61 m. Pyrite + sphalerite + galena + chalcopyrite.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	306.00	-65.00	EZ Sho	OK		18.00	306.70	-64.60	EZ Sho	OK	
51.00	309.70	-64.30	EZ Sho	OK		102.00	311.30	-62.90	EZ Sho	OK	
150.00	312.90	-61.60	EZ Sho	OK		201.00	313.30	-60.10	EZ Sho	OK	
252.00	314.90	-59.00	EZ Sho	OK		300.00	316.30	-57.60	EZ Sho	OK	
354.00	317.30	-56.00	EZ Sho	OK		402.00	319.00	-54.10	EZ Sho	OK	
450.00	320.00	-52.90	EZ Sho	OK		465.00	322.00	-52.60	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	8.00	OB, Overburden									
8.00	26.38	BS, Biotite Schist									
26.38	300.08	BMS, Biotite Muscovite Schist	982794	105.68	106.68	1.00	0.12		0.50	13.00	1750.0
			982795	155.47	156.47	1.00	1.75		9.00	53.00	9175.0
			982796	156.47	157.47	1.00	0.35		4.00	15.00	503.0
			982797	298.57	300.08	1.51	0.25		0.50	28.00	118.0
300.08	309.09	MSS, Muscovite Sericite Schist Small hangingwall MSS; stong sr alteration and little mineralization.	982798	300.08	301.00	0.92	0.02		0.50	12.00	28.0
			982799	301.00	302.00	1.00	0.01		0.50	35.00	221.0
			982801	302.00	303.00	1.00	0.03		0.50	366.00	729.0
			982802	303.00	304.00	1.00	0.01		0.50	11.00	14.0
			982803	304.00	305.00	1.00	0.01		0.50	18.00	18.0
			982804	305.00	306.00	1.00	0.00		0.50	11.00	28.0
			982806	306.00	307.00	1.00	0.00		0.50	19.00	12.0
			982805	306.00	307.00	1.00	0.00		0.50	9.00	10.0
			982807	307.00	308.00	1.00	0.01		0.50	18.00	39.0
			982808	308.00	309.09	1.09	0.01		0.50	18.00	97.0

Hole Number: TL11131

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
309.09	312.43	BMS, Biotite Muscovite Schist	982809	309.09	310.09	1.00	0.06		0.50	19.00	123.00
		Small BMS between two hangingwall MSS zones; could be one with a small; very weak sr altered area.	982811	310.09	311.09	1.00	0.24		0.50	29.00	114.00
			982812	311.09	312.43	1.34	0.03		0.50	20.00	90.00
312.43	317.00	MSS, Muscovite Sericite Schist	982813	312.43	313.43	1.00	0.01		0.50	11.00	32.00
		Small hangingwall MSS; stong sr alteration and little mineralization.	982814	313.43	314.43	1.00	0.01		0.50	9.00	25.00
			982815	314.43	315.43	1.00	0.01		0.50	7.00	23.00
			982816	315.43	317.00	1.57	0.01		0.50	14.00	28.00
317.00	343.00	BMS, Biotite Muscovite Schist	982817	317.00	318.50	1.50	0.01		0.50	8.00	48.00
		BMS zone with moderate sr alteration which transitions into a moderately sr altered MSS zone. A few sph stringers near the placed 'contact' into the MSS zone.	982818	327.00	328.50	1.50	0.01		0.50	14.00	63.00
			982819	328.50	330.00	1.50	0.05		2.00	29.00	66.00
			982821	330.00	331.50	1.50	0.09		3.00	43.00	98.00
			982822	331.50	333.00	1.50	0.03		0.50	39.00	99.00
			982823	333.00	334.50	1.50	0.02		2.00	23.00	41.00
			982824	334.50	336.00	1.50	0.11		0.50	47.00	221.00
			982825	336.00	337.50	1.50	0.04		0.50	30.00	40.00
			982826	336.00	337.50	1.50	0.04		0.50	55.00	35.00
			982827	337.50	339.00	1.50	0.06		0.50	34.00	53.00
			982828	339.00	340.50	1.50	0.03		1.00	139.00	482.00
	982829	340.50	342.00	1.50	0.01		0.50	19.00	54.00		
	982831	342.00	343.00	1.00	0.02		0.50	33.00	53.00		

## DETAILED LOG

Hole Number: TL11131

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
343.00	369.33	MSS, Muscovite Sericite Schist Atypical MSS zone with moderate sr alteration that is very patchy and with local areas resembling BMS. Within more sericitized areas there is abundant mineralization which sometimes accompanies small qz veins. Two very highly mineralized intervals are (344.06 - 345.06) and (362.41 - 363.41) which include increased py; sph; po; gn; and cpy.	982832	343.00	344.06	1.06	0.02		4.00	203.00	391.00
			982833	344.06	345.06	1.00	0.24		13.00	1834.00	7735.00
			982834	345.06	346.06	1.00	0.04		2.00	337.00	703.00
			982835	346.06	347.06	1.00	0.03		0.50	68.00	88.00
			982836	347.06	348.06	1.00	0.13		0.50	33.00	59.00
			982837	348.06	349.06	1.00	0.07		0.50	48.00	145.00
			982838	349.06	350.06	1.00	0.10		1.00	60.00	110.00
			982839	350.06	351.00	0.94	0.19		0.50	63.00	72.00
			982841	351.00	352.50	1.50	0.36		0.50	23.00	107.00
			982842	352.50	354.00	1.50	0.36		0.50	129.00	329.00
			982843	354.00	355.00	1.00	0.04		0.50	10.00	37.00
			982844	355.00	356.00	1.00	0.39		2.00	49.00	103.00
			982845	356.00	357.00	1.00	0.23		0.50	40.00	73.00
			982846	356.00	357.00	1.00	0.14		0.50	31.00	90.00
			982847	357.00	358.00	1.00	0.47		3.00	37.00	767.00
			982848	358.00	359.00	1.00	0.06		2.00	12.00	52.00
			982849	359.00	360.00	1.00	0.15		2.00	9.00	61.00
			982851	360.00	361.41	1.41	0.21		2.00	29.00	132.00
			982852	361.41	362.41	1.00	0.45		4.00	210.00	844.00
			982853	362.41	363.41	1.00	3.62		13.00	1950.00	7560.00
			982854	363.41	364.41	1.00	0.20		3.00	79.00	128.00
			982855	364.41	365.41	1.00	0.07		3.00	50.00	90.00
			982856	365.41	366.41	1.00	0.07		3.00	30.00	54.00
			982857	366.41	367.41	1.00	0.19		2.00	84.00	182.00
			982858	367.41	368.41	1.00	0.15		0.50	46.00	94.00
			982859	368.41	369.33	0.92	0.14		0.50	31.00	66.00
369.33	388.90	BMS, Biotite Muscovite Schist Moderately sr altered BMS zone which has local patches of increased alteration; minor mineralization.	982861	369.33	370.50	1.17	0.19		1.00	19.00	88.00
			982862	370.50	372.00	1.50	0.04		0.50	36.00	64.00
			982863	372.00	373.50	1.50	0.14		0.50	30.00	148.00
			982864	373.50	375.00	1.50	0.21		1.00	26.00	80.00
			982865	375.00	376.50	1.50	0.57		3.00	20.00	102.00
			982866	375.00	376.50	1.50	0.55		2.00	18.00	97.00
			982867	376.50	378.00	1.50	0.34		4.00	33.00	109.00
			982868	378.00	379.50	1.50	0.03		0.50	14.00	513.00
			982869	387.50	388.90	1.40	0.01		0.50	28.00	55.00
388.90	395.07	MSS, Muscovite Sericite Schist	982871	388.90	389.40	0.50	4.77		43.00	319.00	1707.00
			982872	389.40	390.40	1.00	11.40	10.15	159.00	2935.00	6198.00
			982873	390.40	391.40	1.00	0.09		2.00	66.00	80.00
			982874	391.40	392.40	1.00	0.37		8.00	287.00	155.00
			982875	392.40	393.40	1.00	0.27		2.00	37.00	72.00
			982876	393.40	395.07	1.67	0.09		1.00	23.00	77.00

# DETAILED LOG

Hole Number: TL11131

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
395.07	438.62	BMS, Biotite Muscovite Schist	982877	395.07	396.50	1.43	0.01		1.00	18.00	34.00
			982878	396.50	398.00	1.50	0.01		0.50	21.00	27.00
			982879	398.00	399.50	1.50	0.02		1.00	11.00	36.00
			982881	399.50	401.00	1.50	0.03		4.00	23.00	120.00
			982882	401.00	402.50	1.50	0.03		26.00	26.00	111.00
			982883	402.50	404.00	1.50	0.10		15.00	48.00	156.00
			982884	437.00	438.62	1.62	0.13		0.50	37.00	89.00
438.62	462.61	MSS, Muscovite Sericite Schist C' Zone with strong sr alteration with local weak patches. Common sph stringers throughout with a couple 1-3cm wide mixed sulfide stringers.	982885	438.62	440.00	1.38	0.90		8.00	406.00	454.00
			982886	438.62	440.00	1.38	0.62		8.00	397.00	504.00
			982887	440.00	441.00	1.00	0.05		1.00	45.00	81.00
			982888	441.00	442.00	1.00	0.12		0.50	42.00	82.00
			982889	442.00	443.00	1.00	0.25		1.00	50.00	170.00
			982891	443.00	444.00	1.00	0.26		1.00	39.00	169.00
			982892	444.00	445.00	1.00	0.68		5.00	271.00	7346.00
			982893	445.00	446.00	1.00	0.03		0.50	30.00	79.00
			982894	446.00	447.00	1.00	0.14		1.00	109.00	248.00
			982895	447.00	448.00	1.00	0.10		0.50	531.00	315.00
			982896	448.00	449.00	1.00	0.04		0.50	23.00	41.00
			982897	449.00	450.00	1.00	0.08		0.50	12.00	51.00
			982898	450.00	451.00	1.00	0.08		0.50	12.00	41.00
			982899	451.00	452.00	1.00	0.40		5.00	100.00	268.00
			982901	452.00	453.00	1.00	0.06		0.50	19.00	77.00
982902	453.00	454.00	1.00	0.07		0.50	25.00	63.00			
982903	454.00	455.00	1.00	0.06		0.50	28.00	60.00			
982904	455.00	456.00	1.00	0.91		4.00	499.00	1785.00			
982905	456.00	457.00	1.00	0.82		2.00	267.00	160.00			
982906	456.00	457.00	1.00	1.71		4.00	561.00	269.00			
982907	457.00	458.00	1.00	0.15		0.50	43.00	97.00			
982908	458.00	459.00	1.00	0.18		0.50	28.00	335.00			
982909	459.00	460.25	1.25	0.14		0.50	43.00	205.00			
982911	460.25	461.25	1.00	0.57		9.00	1101.00	2715.00			
982912	461.25	462.61	1.36	0.07		0.50	55.00	161.00			
462.61	465.00	BMS, Biotite Muscovite Schist	982913	462.61	464.00	1.39	0.03		1.00	53.00	129.00

### Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982794	105.68	106.68	0.1240		0.5000	13.0000	1750.0000
982795	155.47	156.47	1.7480		9.0000	53.0000	9175.0000
982796	156.47	157.47	0.3500		4.0000	15.0000	503.0000
982797	298.57	300.08	0.2510		0.5000	28.0000	118.0000
982798	300.08	301.00	0.0170		0.5000	12.0000	28.0000

Hole Number: TL11131

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982799	301.00	302.00	0.0110		0.5000	35.0000	221.0000
982801	302.00	303.00	0.0250		0.5000	366.0000	729.0000
982802	303.00	304.00	0.0050		0.5000	11.0000	14.0000
982803	304.00	305.00	0.0070		0.5000	18.0000	18.0000
982804	305.00	306.00	0.0030		0.5000	11.0000	28.0000
982805	306.00	307.00	0.0040		0.5000	9.0000	10.0000
982807	307.00	308.00	0.0090		0.5000	18.0000	39.0000
982808	308.00	309.09	0.0070		0.5000	18.0000	97.0000
982809	309.09	310.09	0.0560		0.5000	19.0000	123.0000
982811	310.09	311.09	0.2410		0.5000	29.0000	114.0000
982812	311.09	312.43	0.0290		0.5000	20.0000	90.0000
982813	312.43	313.43	0.0060		0.5000	11.0000	32.0000
982814	313.43	314.43	0.0050		0.5000	9.0000	25.0000
982815	314.43	315.43	0.0050		0.5000	7.0000	23.0000
982816	315.43	317.00	0.0050		0.5000	14.0000	28.0000
982817	317.00	318.50	0.0050		0.5000	8.0000	48.0000
982818	327.00	328.50	0.0080		0.5000	14.0000	63.0000
982819	328.50	330.00	0.0490		2.0000	29.0000	66.0000
982821	330.00	331.50	0.0880		3.0000	43.0000	98.0000
982822	331.50	333.00	0.0290		0.5000	39.0000	99.0000
982823	333.00	334.50	0.0160		2.0000	23.0000	41.0000
982824	334.50	336.00	0.1140		0.5000	47.0000	221.0000
982825	336.00	337.50	0.0400		0.5000	30.0000	40.0000
982827	337.50	339.00	0.0590		0.5000	34.0000	53.0000
982828	339.00	340.50	0.0340		1.0000	139.0000	482.0000
982829	340.50	342.00	0.0140		0.5000	19.0000	54.0000
982831	342.00	343.00	0.0170		0.5000	33.0000	53.0000
982832	343.00	344.06	0.0180		4.0000	203.0000	391.0000
982833	344.06	345.06	0.2380		13.0000	1834.0000	7735.0000
982834	345.06	346.06	0.0430		2.0000	337.0000	703.0000
982835	346.06	347.06	0.0320		0.5000	68.0000	88.0000
982836	347.06	348.06	0.1250		0.5000	33.0000	59.0000
982837	348.06	349.06	0.0730		0.5000	48.0000	145.0000
982838	349.06	350.06	0.0980		1.0000	60.0000	110.0000
982839	350.06	351.00	0.1850		0.5000	63.0000	72.0000
982841	351.00	352.50	0.3550		0.5000	23.0000	107.0000
982842	352.50	354.00	0.3590		0.5000	129.0000	329.0000
982843	354.00	355.00	0.0390		0.5000	10.0000	37.0000
982844	355.00	356.00	0.3850		2.0000	49.0000	103.0000

Hole Number: TL11131

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982845	356.00	357.00	0.2260		0.5000	40.0000	73.0000
982847	357.00	358.00	0.4730		3.0000	37.0000	767.0000
982848	358.00	359.00	0.0610		2.0000	12.0000	52.0000
982849	359.00	360.00	0.1500		2.0000	9.0000	61.0000
982851	360.00	361.41	0.2130		2.0000	29.0000	132.0000
982852	361.41	362.41	0.4490		4.0000	210.0000	844.0000
982853	362.41	363.41	3.6200		13.0000	1950.0000	7560.0000
982854	363.41	364.41	0.2040		3.0000	79.0000	128.0000
982855	364.41	365.41	0.0730		3.0000	50.0000	90.0000
982856	365.41	366.41	0.0660		3.0000	30.0000	54.0000
982857	366.41	367.41	0.1920		2.0000	84.0000	182.0000
982858	367.41	368.41	0.1510		0.5000	46.0000	94.0000
982859	368.41	369.33	0.1400		0.5000	31.0000	66.0000
982861	369.33	370.50	0.1900		1.0000	19.0000	88.0000
982862	370.50	372.00	0.0360		0.5000	36.0000	64.0000
982863	372.00	373.50	0.1360		0.5000	30.0000	148.0000
982864	373.50	375.00	0.2050		1.0000	26.0000	80.0000
982865	375.00	376.50	0.5670		3.0000	20.0000	102.0000
982867	376.50	378.00	0.3390		4.0000	33.0000	109.0000
982868	378.00	379.50	0.0250		0.5000	14.0000	513.0000
982869	387.50	388.90	0.0120		0.5000	28.0000	55.0000
982871	388.90	389.40	4.7690		43.0000	319.0000	1707.0000
982872	389.40	390.40	11.4010	10.1540	159.0000	2935.0000	6198.0000
982873	390.40	391.40	0.0920		2.0000	66.0000	80.0000
982874	391.40	392.40	0.3670		8.0000	287.0000	155.0000
982875	392.40	393.40	0.2730		2.0000	37.0000	72.0000
982876	393.40	395.07	0.0880		1.0000	23.0000	77.0000
982877	395.07	396.50	0.0090		1.0000	18.0000	34.0000
982878	396.50	398.00	0.0050		0.5000	21.0000	27.0000
982879	398.00	399.50	0.0220		1.0000	11.0000	36.0000
982881	399.50	401.00	0.0330		4.0000	23.0000	120.0000
982882	401.00	402.50	0.0290		26.0000	26.0000	111.0000
982883	402.50	404.00	0.1020		15.0000	48.0000	156.0000
982884	437.00	438.62	0.1260		0.5000	37.0000	89.0000
982885	438.62	440.00	0.9000		8.0000	406.0000	454.0000
982887	440.00	441.00	0.0500		1.0000	45.0000	81.0000
982888	441.00	442.00	0.1220		0.5000	42.0000	82.0000
982889	442.00	443.00	0.2460		1.0000	50.0000	170.0000
982891	443.00	444.00	0.2640		1.0000	39.0000	169.0000



Hole Number: TL11131

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982892	444.00	445.00	0.6800		5.0000	271.0000	7346.0000
982893	445.00	446.00	0.0300		0.5000	30.0000	79.0000
982894	446.00	447.00	0.1380		1.0000	109.0000	248.0000
982895	447.00	448.00	0.0990		0.5000	531.0000	315.0000
982896	448.00	449.00	0.0440		0.5000	23.0000	41.0000
982897	449.00	450.00	0.0760		0.5000	12.0000	51.0000
982898	450.00	451.00	0.0820		0.5000	12.0000	41.0000
982899	451.00	452.00	0.4040		5.0000	100.0000	268.0000
982901	452.00	453.00	0.0640		0.5000	19.0000	77.0000
982902	453.00	454.00	0.0650		0.5000	25.0000	63.0000
982903	454.00	455.00	0.0630		0.5000	28.0000	60.0000
982904	455.00	456.00	0.9050		4.0000	499.0000	1785.0000
982905	456.00	457.00	0.8170		2.0000	267.0000	160.0000
982907	457.00	458.00	0.1510		0.5000	43.0000	97.0000
982908	458.00	459.00	0.1780		0.5000	28.0000	335.0000
982909	459.00	460.25	0.1360		0.5000	43.0000	205.0000
982911	460.25	461.25	0.5740		9.0000	1101.0000	2715.0000
982912	461.25	462.61	0.0670		0.5000	55.0000	161.0000
982913	462.61	464.00	0.0310		1.0000	53.0000	129.0000
Sample Type	CDUP						
982806	306.00	307.00	0.0020		0.5000	19.0000	12.0000
982826	336.00	337.50	0.0440		0.5000	55.0000	35.0000
982846	356.00	357.00	0.1420		0.5000	31.0000	90.0000
982866	375.00	376.50	0.5510		2.0000	18.0000	97.0000
982886	438.62	440.00	0.6160		8.0000	397.0000	504.0000
982906	456.00	457.00	1.7080		4.0000	561.0000	269.0000

# DETAILED LOG

Hole Number: TL11132

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511937.81	North:	Collar Az: 310.00
Location: Zealand Township	East: 528308.73	East:	Length: 300.00
	Elev: 395.49	Elev:	Start Depth: 0.00
Date Started: Feb 18, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: May 20, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 300.00

Comments: Main Zone from 186.12-203.11 m. 3% pyrite + 2% sphalerite + 1% galena. Trace chalcopyrite associated with sulphide stringers.  
 At 200.50-201.0 Possible V.G in fractures within galena vein; one bleb and a few fracture controlled strings.  
 C Zone from 284.22-300.00 m. 2% pyrite + trace=1% sphalerite + trace pyrrotite.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	310.00	-65.50	EZ Sho	OK		24.00	312.50	-65.10	EZ Sho	OK	
51.00	313.80	-64.70	EZ Sho	OK		102.00	314.90	-63.90	EZ Sho	OK	
150.00	317.50	-62.90	EZ Sho	OK		201.00	319.10	-62.00	EZ Sho	OK	
251.00	320.70	-60.90	EZ Sho	OK		300.00	321.40	-60.00	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	9.00	OB, Overburden									
9.00	41.29	BMS, Biotite Muscovite Schist Shallow BMS zone with an atypical interval of sph mineralization around 20m near a fault. 36-39m there is boudinaging of foliation around qz eyes creating pressure shadows which are filled with py/po. There is also a 1-2cm wide vein running parallel to foliation mixed with abundant py/po.	981878	21.00	22.00	1.00	0.10		2.00	673.00	2072.00
			981879	24.70	26.20	1.50	0.05		2.00	179.00	821.00
			981881	37.50	38.50	1.00	0.27		0.50	30.00	151.00
			981882	38.50	40.00	1.50	0.01		0.50	12.00	36.00
			981883	40.00	41.29	1.29	0.03		0.50	9.00	218.00
41.29	48.71	MSS, Muscovite Sericite Schist Shallow hangingwall MSS zone; moderate to strong sr and si alterationand; minor sph mineralization.	981884	41.29	42.29	1.00	0.01		0.50	10.00	17.00
			981886	42.29	43.29	1.00	0.01		0.50	11.00	24.00
			981885	42.29	43.29	1.00	0.01		0.50	9.00	27.00
			981887	43.29	44.29	1.00	0.01		0.50	8.00	20.00
			981888	44.29	45.29	1.00	0.02		0.50	11.00	30.00
			981889	45.29	46.29	1.00	0.03		0.50	16.00	100.00
			981891	46.29	47.29	1.00	0.02		0.50	16.00	146.00
48.71	76.94	BMS, Biotite Muscovite Schist Typical BMS for first quarter of zone; then alteration becomes less banded and more pervasive. Grain size also increases and takes on more grainy appearance	981893	48.71	50.00	1.29	0.03		0.50	20.00	105.00
			981894	75.50	76.94	1.44	0.01		0.50	6.00	53.00

## DETAILED LOG

Hole Number: TL11132

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
76.94	85.78	MSS, Muscovite Sericite Schist	981895	76.94	78.00	1.06	0.01		0.50	4.00	11.00
		MSS zone with strong sr and si alteration. Little mineralization	981896	78.00	79.00	1.00	0.01		0.50	6.00	9.00
			981897	79.00	80.00	1.00	0.01		0.50	7.00	17.00
			981898	80.00	81.00	1.00	0.01		0.50	11.00	61.00
			981899	81.00	82.00	1.00	0.00		0.50	10.00	16.00
			981901	82.00	83.00	1.00	0.00		0.50	9.00	16.00
			981902	83.00	84.00	1.00	0.00		0.50	6.00	15.00
			981903	84.00	85.78	1.78	0.01		0.50	10.00	18.00
85.78	121.93	BMS, Biotite Muscovite Schist	981904	85.78	87.00	1.22	0.01		0.50	10.00	104.00
		Typical looking BMS with weak sr and si alteration. However; within 91-105m there is very common 1-2cm wide sph/gn stringers. Mineralization becomes more typical of BMS from 105 until end of zone.	981906	87.00	88.50	1.50	0.01		0.50	9.00	47.00
			981905	87.00	88.50	1.50	0.01		0.50	13.00	47.00
			981907	88.50	90.00	1.50	0.02		0.50	14.00	170.00
			981908	90.00	91.00	1.00	0.02		0.50	21.00	131.00
			981909	91.00	92.00	1.00	0.11		4.00	2301.00	5791.00
			981911	92.00	93.00	1.00	0.04		0.50	141.00	855.00
			981912	93.00	94.00	1.00	0.02		0.50	122.00	290.00
			981913	94.00	95.00	1.00	0.02		0.50	13.00	79.00
			981914	95.00	96.00	1.00	0.01		0.50	8.00	66.00
			981915	96.00	97.00	1.00	0.02		0.50	23.00	86.00
			981916	97.00	98.50	1.50	0.02		0.50	62.00	544.00
			981917	98.50	99.50	1.00	0.04		0.50	1438.00	1728.00
			981918	99.50	101.00	1.50	0.01		0.50	29.00	93.00
			981919	101.00	102.00	1.00	0.04		0.50	78.00	616.00
			981921	102.00	103.00	1.00	0.01		0.50	44.00	99.00
			981922	103.00	104.00	1.00	0.00		0.50	185.00	142.00
			981923	104.00	105.00	1.00	0.06		3.00	3042.00	3894.00
			981924	105.00	106.50	1.50	0.02		0.50	47.00	292.00
			981925	120.43	121.93	1.50	0.06		0.50	33.00	99.00
			981926	120.43	121.93	1.50	0.03		0.50	33.00	104.00

## DETAILED LOG

Hole Number: TL11132

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
121.93	141.90	MSS, Muscovite Sericite Schist Hangingwall MSS zone: divided into two sections by a 1m wide BMS-like interval. The upper MSS section has increased diss. py and sph stringers near the transition from above BMS. The lower section has little mineralization.	981927	121.93	122.68	0.75	0.72		3.00	152.00	2862.00
			981928	122.68	123.68	1.00	0.08		0.50	39.00	92.00
			981929	123.68	124.68	1.00	0.51		2.00	22.00	87.00
			981931	124.68	126.00	1.32	0.02		0.50	14.00	49.00
			981932	126.00	127.00	1.00	0.01		0.50	13.00	18.00
			981933	127.00	128.00	1.00	0.00		0.50	11.00	79.00
			981934	128.00	129.00	1.00	0.00		0.50	13.00	36.00
			981935	129.00	130.00	1.00	0.00		0.50	17.00	97.00
			981936	130.00	131.07	1.07	0.01		0.50	14.00	187.00
			981937	131.07	132.07	1.00	0.02		0.50	21.00	89.00
			981938	132.07	133.00	0.93	0.00		0.50	30.00	279.00
			981939	133.00	134.00	1.00	0.00		0.50	36.00	141.00
			981941	134.00	135.00	1.00	0.00		0.50	24.00	48.00
			981942	135.00	136.00	1.00	0.00		0.50	24.00	29.00
			981943	136.00	137.00	1.00	0.00		0.50	15.00	28.00
			981944	137.00	138.00	1.00	0.00		0.50	18.00	40.00
			981945	138.00	139.00	1.00	0.00		0.50	11.00	19.00
			981946	138.00	139.00	1.00	0.00		0.50	16.00	18.00
			981947	139.00	140.00	1.00	0.00		0.50	11.00	21.00
			981948	140.00	141.00	1.00	0.00		0.50	13.00	24.00
		981949	141.00	141.90	0.90	0.00		0.50	12.00	30.00	
141.90	186.12	BMS, Biotite Muscovite Schist	981951	141.90	143.40	1.50	0.02		0.50	18.00	235.00
			981952	151.00	152.00	1.00	0.57		3.00	483.00	877.00
			981953	152.00	153.00	1.00	0.09		1.00	242.00	296.00
			981954	167.50	168.50	1.00	0.09		3.00	33.00	218.00
			981955	168.50	169.50	1.00	0.03		1.00	59.00	44.00
			981956	169.50	171.00	1.50	0.03		2.00	34.00	73.00
			981957	171.00	172.50	1.50	0.03		3.00	71.00	91.00
			981958	172.50	173.50	1.00	0.40		22.00	151.00	242.00
			981959	173.50	174.50	1.00	0.02		5.00	401.00	577.00
			981961	174.50	176.00	1.50	0.06		3.00	128.00	383.00
			981962	176.00	177.00	1.00	0.03		1.00	50.00	103.00
			981963	177.00	178.50	1.50	0.02		1.00	45.00	90.00
			981964	178.50	180.00	1.50	0.03		2.00	71.00	223.00
			981965	180.00	181.00	1.00	0.11		2.00	31.00	76.00
			981966	180.00	181.00	1.00	0.10		2.00	31.00	77.00
			981967	181.00	182.00	1.00	0.05		3.00	112.00	256.00
			981968	182.00	183.00	1.00	0.02		1.00	49.00	197.00
			981969	183.00	184.12	1.12	0.35		2.00	83.00	288.00
			981971	184.12	185.12	1.00	0.01		0.50	58.00	65.00
			981972	185.12	186.12	1.00	0.11		3.00	252.00	620.00

## DETAILED LOG

Hole Number: TL11132

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
186.12	203.11	MSS, Muscovite Sericite Schist Main zone with abundant mineralization near the transition contacts of upper and lower BMS. Often mineralization occurs in folded/boudinages sections around small qz blebs/veins. Near the lower contact at 200.50 - 201 there is a qz vein which hosts well-developed galena crystals and possible VG.	981973	186.12	187.12	1.00	0.15		1.00	81.00	247.00
			981974	187.12	188.12	1.00	0.81		1.00	53.00	197.00
			981975	188.12	189.12	1.00	0.31		6.00	325.00	431.00
			981976	189.12	190.12	1.00	1.31		19.00	1205.00	2831.00
			981977	190.12	191.50	1.38	0.34		7.00	109.00	184.00
			981978	191.50	192.50	1.00	1.09		40.00	128.00	224.00
			981979	192.50	193.50	1.00	0.04		2.00	32.00	88.00
			981981	193.50	195.00	1.50	3.31		207.00	608.00	905.00
			981982	195.00	196.50	1.50	0.07		3.00	28.00	48.00
			981983	196.50	198.00	1.50	0.38		9.00	42.00	79.00
			981984	198.00	199.00	1.00	1.07		11.00	245.00	854.00
			981985	199.00	200.00	1.00	2.19		24.00	808.00	1595.00
			981986	199.00	200.00	1.00	2.79		34.00	927.00	2122.00
			981987	200.00	200.50	0.50	0.82		23.00	724.00	798.00
			981988	200.00	200.50	0.50	0.70		18.00	578.00	682.00
981989	200.50	201.00	0.50	207.18	159.59	919.00	22643.00	11992.00			
981991	201.00	202.00	1.00	6.17	3.95	16.00	325.00	536.00			
981992	202.00	203.11	1.11	4.43		8.00	332.00	1044.00			
203.11	207.70	BMS, Biotite Muscovite Schist Small BMS zone between two MSS	981993	203.11	204.00	0.89	0.19		2.00	56.00	49.00
			981994	204.00	205.00	1.00	0.10		2.00	37.00	76.00
			981995	205.00	206.00	1.00	0.07		3.00	54.00	207.00
			981996	206.00	207.00	1.00	0.49		7.00	77.00	305.00
			981997	207.00	207.70	0.70	0.10		2.00	73.00	146.00
207.70	216.45	MSS, Muscovite Sericite Schist Strongly sr altered MSS zone with increased sph/py mineralization near the upper contact but decreases down hole.	981998	207.70	208.50	0.80	0.32		7.00	285.00	568.00
			981999	208.50	209.50	1.00	0.97		19.00	1116.00	3587.00
			982001	209.50	210.50	1.00	1.38		7.00	276.00	846.00
			982002	210.50	211.50	1.00	0.46		5.00	88.00	243.00
			982003	211.50	212.45	0.95	0.03		0.50	18.00	49.00
			982004	212.45	213.45	1.00	0.02		1.00	14.00	71.00
			982005	213.45	214.45	1.00	0.01		0.50	19.00	47.00
			982006	213.45	214.45	1.00	0.02		0.50	15.00	46.00
			982007	214.45	215.45	1.00	0.03		0.50	21.00	54.00
982008	215.45	216.45	1.00	0.01		2.00	19.00	86.00			

# DETAILED LOG

Hole Number: TL11132

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
216.45	284.22	BMS, Biotite Muscovite Schist Large BMS zone that transitions out of previous MSS zone with moderate sr alteration. Then halfway through zone changes to weak sr alteration. Little mineralization other than rare stringers	982009	216.45	218.00	1.55	0.01		1.00	10.00	44.00
			982011	271.50	273.00	1.50	0.02		0.50	33.00	81.00
			982012	273.00	274.00	1.00	0.03		0.50	15.00	15.00
			982013	274.00	275.30	1.30	0.02		0.50	29.00	77.00
			982014	275.30	276.00	0.70	0.08		3.00	23.00	304.00
			982015	276.00	277.00	1.00	0.11		3.00	39.00	107.00
			982016	277.00	278.00	1.00	0.26		7.00	77.00	543.00
			982017	278.00	279.50	1.50	0.20		2.00	90.00	393.00
			982018	279.50	280.70	1.20	0.29		2.00	40.00	216.00
			982019	280.70	282.00	1.30	0.04		0.50	37.00	44.00
			982021	282.00	283.00	1.00	0.02		0.50	37.00	51.00
			982022	283.00	284.22	1.22	0.03		0.50	37.00	52.00
284.22	300.00	MSS, Muscovite Sericite Schist Strongly sr alteration with moderate mineralization. Uncommon sph/po stringers found throughout	982023	284.22	285.72	1.50	0.09		0.50	19.00	42.00
			982024	285.72	287.00	1.28	0.17		0.50	29.00	39.00
			982025	287.00	288.50	1.50	0.20		0.50	53.00	79.00
			982026	287.00	288.50	1.50	0.29		0.50	83.00	148.00
			982027	288.50	290.00	1.50	0.87		4.00	46.00	399.00
			982028	290.00	291.50	1.50	0.07		0.50	20.00	71.00
			982029	291.50	293.00	1.50	0.21		1.00	175.00	969.00
			982031	293.00	294.00	1.00	0.08		0.50	34.00	39.00
			982032	294.00	295.50	1.50	0.15		1.00	98.00	332.00
			982033	295.50	296.50	1.00	0.64		2.00	60.00	869.00
			982034	296.50	298.00	1.50	0.10		0.50	41.00	272.00
			982035	298.00	299.00	1.00	0.10		5.00	806.00	2899.00
			982036	299.00	300.00	1.00	0.16		5.00	1296.00	2703.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981878	21.00	22.00	0.1040		2.0000	673.0000	2072.0000
981879	24.70	26.20	0.0500		2.0000	179.0000	821.0000
981881	37.50	38.50	0.2690		0.5000	30.0000	151.0000
981882	38.50	40.00	0.0080		0.5000	12.0000	36.0000
981883	40.00	41.29	0.0270		0.5000	9.0000	218.0000
981884	41.29	42.29	0.0050		0.5000	10.0000	17.0000
981885	42.29	43.29	0.0140		0.5000	9.0000	27.0000
981887	43.29	44.29	0.0120		0.5000	8.0000	20.0000
981888	44.29	45.29	0.0220		0.5000	11.0000	30.0000
981889	45.29	46.29	0.0280		0.5000	16.0000	100.0000
981891	46.29	47.29	0.0190		0.5000	16.0000	146.0000
981892	47.29	48.71	0.0160		0.5000	13.0000	46.0000

Hole Number: TL11132

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981893	48.71	50.00	0.0320		0.5000	20.0000	105.0000
981894	75.50	76.94	0.0120		0.5000	6.0000	53.0000
981895	76.94	78.00	0.0090		0.5000	4.0000	11.0000
981896	78.00	79.00	0.0060		0.5000	6.0000	9.0000
981897	79.00	80.00	0.0070		0.5000	7.0000	17.0000
981898	80.00	81.00	0.0070		0.5000	11.0000	61.0000
981899	81.00	82.00	0.0020		0.5000	10.0000	16.0000
981901	82.00	83.00	0.0020		0.5000	9.0000	16.0000
981902	83.00	84.00	0.0020		0.5000	6.0000	15.0000
981903	84.00	85.78	0.0050		0.5000	10.0000	18.0000
981904	85.78	87.00	0.0120		0.5000	10.0000	104.0000
981905	87.00	88.50	0.0110		0.5000	13.0000	47.0000
981907	88.50	90.00	0.0190		0.5000	14.0000	170.0000
981908	90.00	91.00	0.0180		0.5000	21.0000	131.0000
981909	91.00	92.00	0.1070		4.0000	2301.0000	5791.0000
981911	92.00	93.00	0.0390		0.5000	141.0000	855.0000
981912	93.00	94.00	0.0230		0.5000	122.0000	290.0000
981913	94.00	95.00	0.0170		0.5000	13.0000	79.0000
981914	95.00	96.00	0.0110		0.5000	8.0000	66.0000
981915	96.00	97.00	0.0150		0.5000	23.0000	86.0000
981916	97.00	98.50	0.0200		0.5000	62.0000	544.0000
981917	98.50	99.50	0.0440		0.5000	1438.0000	1728.0000
981918	99.50	101.00	0.0130		0.5000	29.0000	93.0000
981919	101.00	102.00	0.0430		0.5000	78.0000	616.0000
981921	102.00	103.00	0.0050		0.5000	44.0000	99.0000
981922	103.00	104.00	0.0040		0.5000	185.0000	142.0000
981923	104.00	105.00	0.0550		3.0000	3042.0000	3894.0000
981924	105.00	106.50	0.0160		0.5000	47.0000	292.0000
981925	120.43	121.93	0.0570		0.5000	33.0000	99.0000
981927	121.93	122.68	0.7220		3.0000	152.0000	2862.0000
981928	122.68	123.68	0.0790		0.5000	39.0000	92.0000
981929	123.68	124.68	0.5140		2.0000	22.0000	87.0000
981931	124.68	126.00	0.0160		0.5000	14.0000	49.0000
981932	126.00	127.00	0.0070		0.5000	13.0000	18.0000
981933	127.00	128.00	0.0030		0.5000	11.0000	79.0000
981934	128.00	129.00	0.0040		0.5000	13.0000	36.0000
981935	129.00	130.00	0.0020		0.5000	17.0000	97.0000
981936	130.00	131.07	0.0050		0.5000	14.0000	187.0000
981937	131.07	132.07	0.0220		0.5000	21.0000	89.0000

Hole Number: TL11132

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981938	132.07	133.00	0.0030		0.5000	30.0000	279.0000
981939	133.00	134.00	0.0005		0.5000	36.0000	141.0000
981941	134.00	135.00	0.0005		0.5000	24.0000	48.0000
981942	135.00	136.00	0.0020		0.5000	24.0000	29.0000
981943	136.00	137.00	0.0005		0.5000	15.0000	28.0000
981944	137.00	138.00	0.0020		0.5000	18.0000	40.0000
981945	138.00	139.00	0.0040		0.5000	11.0000	19.0000
981947	139.00	140.00	0.0030		0.5000	11.0000	21.0000
981948	140.00	141.00	0.0040		0.5000	13.0000	24.0000
981949	141.00	141.90	0.0010		0.5000	12.0000	30.0000
981951	141.90	143.40	0.0220		0.5000	18.0000	235.0000
981952	151.00	152.00	0.5680		3.0000	483.0000	877.0000
981953	152.00	153.00	0.0880		1.0000	242.0000	296.0000
981954	167.50	168.50	0.0880		3.0000	33.0000	218.0000
981955	168.50	169.50	0.0260		1.0000	59.0000	44.0000
981956	169.50	171.00	0.0340		2.0000	34.0000	73.0000
981957	171.00	172.50	0.0340		3.0000	71.0000	91.0000
981958	172.50	173.50	0.3980		22.0000	151.0000	242.0000
981959	173.50	174.50	0.0190		5.0000	401.0000	577.0000
981961	174.50	176.00	0.0600		3.0000	128.0000	383.0000
981962	176.00	177.00	0.0280		1.0000	50.0000	103.0000
981963	177.00	178.50	0.0200		1.0000	45.0000	90.0000
981964	178.50	180.00	0.0340		2.0000	71.0000	223.0000
981965	180.00	181.00	0.1050		2.0000	31.0000	76.0000
981967	181.00	182.00	0.0520		3.0000	112.0000	256.0000
981968	182.00	183.00	0.0210		1.0000	49.0000	197.0000
981969	183.00	184.12	0.3540		2.0000	83.0000	288.0000
981971	184.12	185.12	0.0090		0.5000	58.0000	65.0000
981972	185.12	186.12	0.1100		3.0000	252.0000	620.0000
981973	186.12	187.12	0.1510		1.0000	81.0000	247.0000
981974	187.12	188.12	0.8120		1.0000	53.0000	197.0000
981975	188.12	189.12	0.3100		6.0000	325.0000	431.0000
981976	189.12	190.12	1.3100		19.0000	1205.0000	2831.0000
981977	190.12	191.50	0.3360		7.0000	109.0000	184.0000
981978	191.50	192.50	1.0910		40.0000	128.0000	224.0000
981979	192.50	193.50	0.0360		2.0000	32.0000	88.0000
981981	193.50	195.00	3.3100		207.0000	608.0000	905.0000
981982	195.00	196.50	0.0740		3.0000	28.0000	48.0000
981983	196.50	198.00	0.3810		9.0000	42.0000	79.0000



Hole Number: TL11132

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
981984	198.00	199.00	1.0660		11.0000	245.0000	854.0000
981985	199.00	200.00	2.1900		24.0000	808.0000	1595.0000
981987	200.00	200.50	0.8240		23.0000	724.0000	798.0000
981989	200.50	201.00	207.1810	159.5880	919.0000	22643.0000	11992.0000
981991	201.00	202.00	6.1730	3.9510	16.0000	325.0000	536.0000
981992	202.00	203.11	4.4330		8.0000	332.0000	1044.0000
981993	203.11	204.00	0.1880		2.0000	56.0000	49.0000
981994	204.00	205.00	0.1020		2.0000	37.0000	76.0000
981995	205.00	206.00	0.0720		3.0000	54.0000	207.0000
981996	206.00	207.00	0.4890		7.0000	77.0000	305.0000
981997	207.00	207.70	0.0950		2.0000	73.0000	146.0000
981998	207.70	208.50	0.3190		7.0000	285.0000	568.0000
981999	208.50	209.50	0.9730		19.0000	1116.0000	3587.0000
982001	209.50	210.50	1.3840		7.0000	276.0000	846.0000
982002	210.50	211.50	0.4570		5.0000	88.0000	243.0000
982003	211.50	212.45	0.0250		0.5000	18.0000	49.0000
982004	212.45	213.45	0.0170		1.0000	14.0000	71.0000
982005	213.45	214.45	0.0140		0.5000	19.0000	47.0000
982007	214.45	215.45	0.0280		0.5000	21.0000	54.0000
982008	215.45	216.45	0.0130		2.0000	19.0000	86.0000
982009	216.45	218.00	0.0090		1.0000	10.0000	44.0000
982011	271.50	273.00	0.0230		0.5000	33.0000	81.0000
982012	273.00	274.00	0.0280		0.5000	15.0000	15.0000
982013	274.00	275.30	0.0150		0.5000	29.0000	77.0000
982014	275.30	276.00	0.0830		3.0000	23.0000	304.0000
982015	276.00	277.00	0.1110		3.0000	39.0000	107.0000
982016	277.00	278.00	0.2610		7.0000	77.0000	543.0000
982017	278.00	279.50	0.2010		2.0000	90.0000	393.0000
982018	279.50	280.70	0.2850		2.0000	40.0000	216.0000
982019	280.70	282.00	0.0410		0.5000	37.0000	44.0000
982021	282.00	283.00	0.0240		0.5000	37.0000	51.0000
982022	283.00	284.22	0.0330		0.5000	37.0000	52.0000
982023	284.22	285.72	0.0900		0.5000	19.0000	42.0000
982024	285.72	287.00	0.1740		0.5000	29.0000	39.0000
982025	287.00	288.50	0.1960		0.5000	53.0000	79.0000
982027	288.50	290.00	0.8730		4.0000	46.0000	399.0000
982028	290.00	291.50	0.0670		0.5000	20.0000	71.0000
982029	291.50	293.00	0.2130		1.0000	175.0000	969.0000
982031	293.00	294.00	0.0830		0.5000	34.0000	39.0000

Hole Number: TL11132

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982032	294.00	295.50	0.1470		1.0000	98.0000	332.0000
982033	295.50	296.50	0.6360		2.0000	60.0000	869.0000
982034	296.50	298.00	0.1010		0.5000	41.0000	272.0000
982035	298.00	299.00	0.0950		5.0000	806.0000	2899.0000
982036	299.00	300.00	0.1560		5.0000	1296.0000	2703.0000
Sample Type	CDUP						
981886	42.29	43.29	0.0100		0.5000	11.0000	24.0000
981906	87.00	88.50	0.0130		0.5000	9.0000	47.0000
981926	120.43	121.93	0.0250		0.5000	33.0000	104.0000
981946	138.00	139.00	0.0020		0.5000	16.0000	18.0000
981966	180.00	181.00	0.1010		2.0000	31.0000	77.0000
981986	199.00	200.00	2.7890		34.0000	927.0000	2122.0000
981988	200.00	200.50	0.6970		18.0000	578.0000	682.0000
982006	213.45	214.45	0.0150		0.5000	15.0000	46.0000
982026	287.00	288.50	0.2920		0.5000	83.0000	148.0000

# DETAILED LOG

Hole Number: TL11133

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -64.00
Project Number: TMI-TL	North: 5511821.19	North:	Collar Az: 306.00
Location: Zealand Township	East: 528261.96	East:	Length: 420.00
	Elev: 394.49	Elev:	Start Depth: 0.00
Date Started: Feb 19, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: May 23, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 420.00

Comments: Main Zone from 286.02-341.25 m. 2-3% disseminated pyrite + trace-1% sphalerite + trace pyrrhotite, galena, and chalcopyrite.  
 C Zone from 402.00-406.91 m. 2% pyrite + 2% sphalerite + trace arsenopyrite + trace chalcopyrite.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	306.00	-64.00	EZ Sho	OK		15.00	308.00	-63.70	EZ Sho	OK	
54.00	310.20	-62.50	EZ Sho	OK		102.00	312.10	-61.00	EZ Sho	OK	
150.00	316.20	-59.20	EZ Sho	OK		204.00	318.30	-58.40	EZ Sho	OK	
252.00	320.20	-56.00	EZ Sho	OK		303.00	322.10	-54.30	EZ Sho	OK	
354.00	325.40	-51.70	EZ Sho	OK		402.00	326.40	-49.90	EZ Sho	OK	
420.00	327.20	-49.40	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	9.52	OB, Overburden									
9.52	254.24	BMS, Biotite Muscovite Schist	982914	253.00	254.24	1.24	0.01		0.50	29.00	82.00
254.24	261.29	MSS, Muscovite Sericite Schist Small hangingwall MSS; little mineralization	982915	254.24	255.50	1.26	0.00		0.50	15.00	65.00
			982916	255.50	256.50	1.00	0.00		0.50	11.00	56.00
			982917	256.50	258.00	1.50	0.00		0.50	15.00	76.00
			982918	258.00	259.50	1.50	0.00		0.50	7.00	19.00
			982919	259.50	260.50	1.00	0.01		0.50	7.00	2.00
			982921	260.50	261.29	0.79	0.01		0.50	9.00	19.00
261.29	264.21	BMS, Biotite Muscovite Schist	982922	261.29	262.79	1.50	0.04		0.50	22.00	86.00
			982923	262.79	264.21	1.42	0.11		0.50	32.00	94.00
264.21	268.21	MSS, Muscovite Sericite Schist Small hangingwall MSS; little mineralization.	982924	264.21	265.21	1.00	0.01		0.50	7.00	34.00
			982925	265.21	266.21	1.00	0.01		0.50	5.00	21.00
			982926	265.21	266.21	1.00	0.00		0.50	3.00	20.00
			982927	266.21	267.21	1.00	0.00		0.50	8.00	20.00
			982928	267.21	268.21	1.00	0.00		0.50	4.00	20.00
268.21	286.02	BMS, Biotite Muscovite Schist	982929	268.21	269.71	1.50	0.02		0.50	2.00	102.00
			982931	284.50	286.02	1.52	0.02		0.50	47.00	58.00

DETAILED LOG

Hole Number: TL11133

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
286.02	341.25	MSS, Muscovite Sericite Schist	982932	286.02	287.00	0.98	0.14		0.50	110.00	449.00
		Atypical MSS zone. Increased sericite alteration where there are BMS-like; weak-moderately altered areas; intercollated with highly sericitized MSS intervals. Increased mineralization noted in specific areas which are mainly within strongly sericitized areas; but not exclusively.	982933	287.00	288.00	1.00	0.67		0.50	40.00	103.00
			982934	288.00	289.50	1.50	0.14		0.50	41.00	51.00
			982935	289.50	290.50	1.00	0.13		0.50	50.00	424.00
			982936	290.50	291.50	1.00	0.44		0.50	28.00	168.00
			982937	291.50	293.00	1.50	0.01		0.50	24.00	108.00
			982938	293.00	294.50	1.50	0.01		2.00	40.00	79.00
			982939	294.50	295.50	1.00	0.01		1.00	24.00	42.00
			982941	295.50	296.40	0.90	0.05		0.50	66.00	115.00
			982942	296.40	297.90	1.50	0.36		7.00	1433.00	4375.00
			982943	297.90	299.40	1.50	0.10		0.50	91.00	173.00
			982944	299.40	301.00	1.60	0.02		0.50	92.00	135.00
			982945	301.00	302.50	1.50	0.81		0.50	104.00	418.00
			982946	301.00	302.50	1.50	0.66		0.50	88.00	197.00
			982947	302.50	303.40	0.90	0.03		0.50	28.00	64.00
			982948	303.40	304.50	1.10	0.00		0.50	14.00	11.00
			982949	304.50	306.00	1.50	0.03		0.50	102.00	153.00
			982951	306.00	307.50	1.50	0.38		0.50	58.00	158.00
			982952	307.50	309.00	1.50	0.05		0.50	21.00	59.00
			982953	309.00	310.50	1.50	0.06		0.50	18.00	68.00
			982954	310.50	311.50	1.00	0.15		27.00	2447.00	6289.00
			982955	311.50	312.60	1.10	1.81		7.00	646.00	8857.00
			982956	312.60	314.10	1.50	0.34		0.50	53.00	260.00
			982957	314.10	315.60	1.50	0.10		0.50	28.00	106.00
			982958	315.60	317.10	1.50	0.52		0.50	28.00	134.00
			982959	317.10	318.00	0.90	0.18		0.50	52.00	176.00
			982961	318.00	319.50	1.50	0.41		2.00	155.00	353.00
		982962	319.50	321.00	1.50	0.28		0.50	55.00	123.00	
		982963	321.00	322.50	1.50	0.11		0.50	65.00	155.00	
		982964	322.50	324.00	1.50	0.08		0.50	26.00	69.00	
		982965	324.00	325.50	1.50	0.05		0.50	40.00	111.00	
		982966	324.00	325.50	1.50	0.04		0.50	45.00	94.00	
		982967	325.50	327.00	1.50	0.06		0.50	47.00	122.00	
		982968	327.00	328.00	1.00	0.80		37.00	85.00	159.00	
		982969	328.00	329.00	1.00	0.03		0.50	25.00	44.00	
		982971	329.00	330.00	1.00	0.28		19.00	161.00	760.00	
		982972	330.00	331.50	1.50	0.05		2.00	66.00	264.00	
		982973	331.50	333.00	1.50	0.01		0.50	23.00	58.00	
		982974	333.00	334.50	1.50	0.01		0.50	14.00	63.00	
		982975	334.50	336.00	1.50	0.01		0.50	17.00	31.00	
		982976	336.00	337.00	1.00	0.64		53.00	209.00	732.00	
		982977	337.00	338.00	1.00	1.70		77.00	1278.00	2058.00	
		982978	338.00	339.00	1.00	1.01		4.00	99.00	547.00	

# DETAILED LOG

Hole Number: TL11133

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			982979	339.00	340.00	1.00	0.19		2.00	53.00	102.00
			982981	340.00	341.25	1.25	0.16		0.50	27.00	93.00
341.25	402.00	BMS, Biotite Muscovite Schist	982982	341.25	342.75	1.50	0.01		0.50	21.00	33.00
			982983	342.75	344.00	1.25	0.02		0.50	17.00	27.00
			982984	344.00	345.00	1.00	0.09		0.50	11.00	43.00
			982985	345.00	346.00	1.00	0.06		0.50	29.00	189.00
			982986	345.00	346.00	1.00	0.04		0.50	27.00	163.00
			982987	346.00	347.00	1.00	0.03		0.50	33.00	43.00
			982988	347.00	348.00	1.00	0.42		139.00	280.00	325.00
			982989	348.00	349.50	1.50	0.13		51.00	102.00	417.00
			982991	349.50	351.00	1.50	0.01		0.50	15.00	21.00
			982992	351.00	352.50	1.50	0.01		0.50	9.00	65.00
			982993	352.50	354.00	1.50	0.01		0.50	8.00	67.00
			982994	354.00	355.50	1.50	0.01		0.50	13.00	18.00
			982995	355.50	356.25	0.75	0.01		0.50	7.00	24.00
			982996	356.25	356.55	0.30	0.03		0.50	7.00	21.00
			982997	356.55	357.25	0.70	0.01		0.50	9.00	27.00
			982998	357.25	358.50	1.25	0.02		0.50	11.00	29.00
			982999	358.50	359.50	1.00	0.02		0.50	15.00	49.00
			983001	359.50	360.50	1.00	0.04		0.50	19.00	242.00
		983002	400.50	402.00	1.50	0.07		0.50	47.00	289.00	
402.00	406.91	MSS, Muscovite Sericite Schist	983003	402.00	403.00	1.00	0.96		0.50	338.00	856.00
			983004	403.00	404.00	1.00	0.64		0.50	157.00	468.00
			983005	404.00	405.50	1.50	0.42		0.50	652.00	1927.00
			983006	404.00	405.50	1.50	0.56		0.50	448.00	1657.00
			983007	405.50	406.91	1.41	1.35		0.50	440.00	481.00
406.91	420.00	BMS, Biotite Muscovite Schist	983008	406.91	408.00	1.09	0.09		0.50	95.00	172.00
			983009	408.00	409.00	1.00	0.14		0.50	651.00	1159.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982914	253.00	254.24	0.0080		0.5000	29.0000	82.0000
982915	254.24	255.50	0.0010		0.5000	15.0000	65.0000
982916	255.50	256.50	0.0040		0.5000	11.0000	56.0000
982917	256.50	258.00	0.0030		0.5000	15.0000	76.0000
982918	258.00	259.50	0.0040		0.5000	7.0000	19.0000
982919	259.50	260.50	0.0050		0.5000	7.0000	2.0000
982921	260.50	261.29	0.0070		0.5000	9.0000	19.0000
982922	261.29	262.79	0.0390		0.5000	22.0000	86.0000
982923	262.79	264.21	0.1110		0.5000	32.0000	94.0000

Hole Number: TL11133

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982924	264.21	265.21	0.0070		0.5000	7.0000	34.0000
982925	265.21	266.21	0.0050		0.5000	5.0000	21.0000
982927	266.21	267.21	0.0020		0.5000	8.0000	20.0000
982928	267.21	268.21	0.0005		0.5000	4.0000	20.0000
982929	268.21	269.71	0.0160		0.5000	2.0000	102.0000
982931	284.50	286.02	0.0170		0.5000	47.0000	58.0000
982932	286.02	287.00	0.1390		0.5000	110.0000	449.0000
982933	287.00	288.00	0.6650		0.5000	40.0000	103.0000
982934	288.00	289.50	0.1420		0.5000	41.0000	51.0000
982935	289.50	290.50	0.1310		0.5000	50.0000	424.0000
982936	290.50	291.50	0.4430		0.5000	28.0000	168.0000
982937	291.50	293.00	0.0130		0.5000	24.0000	108.0000
982938	293.00	294.50	0.0120		2.0000	40.0000	79.0000
982939	294.50	295.50	0.0100		1.0000	24.0000	42.0000
982941	295.50	296.40	0.0450		0.5000	66.0000	115.0000
982942	296.40	297.90	0.3590		7.0000	1433.0000	4375.0000
982943	297.90	299.40	0.1030		0.5000	91.0000	173.0000
982944	299.40	301.00	0.0200		0.5000	92.0000	135.0000
982945	301.00	302.50	0.8060		0.5000	104.0000	418.0000
982947	302.50	303.40	0.0290		0.5000	28.0000	64.0000
982948	303.40	304.50	0.0030		0.5000	14.0000	11.0000
982949	304.50	306.00	0.0300		0.5000	102.0000	153.0000
982951	306.00	307.50	0.3760		0.5000	58.0000	158.0000
982952	307.50	309.00	0.0480		0.5000	21.0000	59.0000
982953	309.00	310.50	0.0630		0.5000	18.0000	68.0000
982954	310.50	311.50	0.1490		27.0000	2447.0000	6289.0000
982955	311.50	312.60	1.8130		7.0000	646.0000	8857.0000
982956	312.60	314.10	0.3440		0.5000	53.0000	260.0000
982957	314.10	315.60	0.1010		0.5000	28.0000	106.0000
982958	315.60	317.10	0.5210		0.5000	28.0000	134.0000
982959	317.10	318.00	0.1750		0.5000	52.0000	176.0000
982961	318.00	319.50	0.4060		2.0000	155.0000	353.0000
982962	319.50	321.00	0.2750		0.5000	55.0000	123.0000
982963	321.00	322.50	0.1080		0.5000	65.0000	155.0000
982964	322.50	324.00	0.0750		0.5000	26.0000	69.0000
982965	324.00	325.50	0.0460		0.5000	40.0000	111.0000
982967	325.50	327.00	0.0590		0.5000	47.0000	122.0000
982968	327.00	328.00	0.7960		37.0000	85.0000	159.0000
982969	328.00	329.00	0.0280		0.5000	25.0000	44.0000

Hole Number: TL11133

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982971	329.00	330.00	0.2810		19.0000	161.0000	760.0000
982972	330.00	331.50	0.0480		2.0000	66.0000	264.0000
982973	331.50	333.00	0.0140		0.5000	23.0000	58.0000
982974	333.00	334.50	0.0090		0.5000	14.0000	63.0000
982975	334.50	336.00	0.0070		0.5000	17.0000	31.0000
982976	336.00	337.00	0.6370		53.0000	209.0000	732.0000
982977	337.00	338.00	1.7020		77.0000	1278.0000	2058.0000
982978	338.00	339.00	1.0090		4.0000	99.0000	547.0000
982979	339.00	340.00	0.1860		2.0000	53.0000	102.0000
982981	340.00	341.25	0.1620		0.5000	27.0000	93.0000
982982	341.25	342.75	0.0130		0.5000	21.0000	33.0000
982983	342.75	344.00	0.0180		0.5000	17.0000	27.0000
982984	344.00	345.00	0.0940		0.5000	11.0000	43.0000
982985	345.00	346.00	0.0570		0.5000	29.0000	189.0000
982987	346.00	347.00	0.0280		0.5000	33.0000	43.0000
982988	347.00	348.00	0.4150		139.0000	280.0000	325.0000
982989	348.00	349.50	0.1280		51.0000	102.0000	417.0000
982991	349.50	351.00	0.0130		0.5000	15.0000	21.0000
982992	351.00	352.50	0.0120		0.5000	9.0000	65.0000
982993	352.50	354.00	0.0120		0.5000	8.0000	67.0000
982994	354.00	355.50	0.0100		0.5000	13.0000	18.0000
982995	355.50	356.25	0.0130		0.5000	7.0000	24.0000
982996	356.25	356.55	0.0300		0.5000	7.0000	21.0000
982997	356.55	357.25	0.0110		0.5000	9.0000	27.0000
982998	357.25	358.50	0.0160		0.5000	11.0000	29.0000
982999	358.50	359.50	0.0150		0.5000	15.0000	49.0000
983001	359.50	360.50	0.0410		0.5000	19.0000	242.0000
983002	400.50	402.00	0.0740		0.5000	47.0000	289.0000
983003	402.00	403.00	0.9590		0.5000	338.0000	856.0000
983004	403.00	404.00	0.6400		0.5000	157.0000	468.0000
983005	404.00	405.50	0.4150		0.5000	652.0000	1927.0000
983007	405.50	406.91	1.3540		0.5000	440.0000	481.0000
983008	406.91	408.00	0.0940		0.5000	95.0000	172.0000
983009	408.00	409.00	0.1350		0.5000	651.0000	1159.0000
Sample Type	CDUP						
982926	265.21	266.21	0.0040		0.5000	3.0000	20.0000
982946	301.00	302.50	0.6580		0.5000	88.0000	197.0000
982966	324.00	325.50	0.0360		0.5000	45.0000	94.0000
982986	345.00	346.00	0.0350		0.5000	27.0000	163.0000

Hole Number: TL11133

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type CDUP							
983006	404.00	405.50	0.5610		0.5000	448.0000	1657.0000



# DETAILED LOG

Hole Number: TL11134

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -62.00
Project Number: TMI-TL	North: 5511868.20	North:	Collar Az: 319.00
Location: Zealand Township	East: 528315.65	East:	Length: 381.00
	Elev: 394.41	Elev:	Start Depth: 0.00
Date Started: Feb 21, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Feb 23, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 381.00

Comments: Main zone from 260.46-312.75 m. 2-3% pyrite, trace-1% sphalerite, up to 8% locally. Local galena + chalcopyrite + trace arsenopyrite.  
 C zone from 338.72-363.00 m. 2-3% pyrite + trace-1% sphalerite + trace pyrrhotite.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	316.00	-62.00	EZ Sho	OK		18.00	317.40	-61.30	EZ Sho	OK	
54.00	319.00	-60.70	EZ Sho	OK		103.00	321.00	-59.70	EZ Sho	OK	
150.00	321.90	-59.00	EZ Sho	OK		201.00	323.20	-58.30	EZ Sho	OK	
252.00	324.80	-57.20	EZ Sho	OK		300.00	326.00	-56.20	EZ Sho	OK	
351.00	326.80	-55.00	EZ Sho	OK		381.00	327.80	-54.00	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	2.41	OB, Overburden									
2.41	128.94	BMS, Biotite Muscovite Schist Typical BMS; weak sr alteration and mineralization. Interval of common po stringers for the last 10m before MSS transition.	982037	127.50	128.94	1.44	0.12		0.50	23.00	149.00
128.94	134.26	MSS, Muscovite Sericite Schist Small MSS zone with strong sr alteration and little mineralization. Increased alteration may be caused by local; micro fault zone	982038	128.94	130.00	1.06	0.01		0.50	6.00	47.00
			982039	130.00	131.00	1.00	0.00		1.00	3.00	56.00
			982041	131.00	132.00	1.00	0.01		1.00	41.00	219.00
			982042	132.00	133.26	1.26	0.01		0.50	8.00	173.00
			982043	133.26	134.26	1.00	0.01		0.50	1.00	35.00
134.26	163.25	BMS, Biotite Muscovite Schist Ypical BMS; little mineralization. First 10-15m has abundant qz blebs that have been boudinaged and foliation folded around them. These qz veins/blebs often contain py throughout.	982044	134.26	135.75	1.49	0.01		0.50	11.00	40.00
			982046	161.75	163.25	1.50	0.03		0.50	5.00	59.00
			982045	161.75	163.25	1.50	0.01		0.50	5.00	55.00
163.25	171.40	MSS, Muscovite Sericite Schist Small hangingwall MSS zone; strong sr and si alteration. Little mineralization	982047	163.25	164.50	1.25	0.00		0.50	5.00	25.00
			982048	164.50	166.00	1.50	0.00		0.50	2.00	13.00
			982049	166.00	167.50	1.50	0.00		0.50	5.00	14.00
			982051	167.50	169.00	1.50	0.00		3.00	5.00	11.00
			982052	169.00	170.20	1.20	0.00		0.50	9.00	18.00
			982053	170.20	171.40	1.20	0.00		0.50	12.00	34.00

DETAILED LOG

Hole Number: TL11134

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
171.40	205.50	BMS, Biotite Muscovite Schist Typical BMS with weak sr alteration. First 3m has little to no sr alteration and is more of a biotite schist and contains common po stringers. Most of zone has little mineralization except for the boundaries. From 203.5-204 has several condensed py/sph/po stringers. Near these stringers are some qz blebs which contain fluorite.	982054	171.40	172.90	1.50	0.05		0.50	13.00	110.0
			982055	202.00	203.50	1.50	0.04		0.50	37.00	89.0
			982056	203.50	204.00	0.50	0.84		0.50	91.00	17867.0
			982057	204.00	205.50	1.50	0.06		0.50	58.00	284.0
205.50	222.25	MSS, Muscovite Sericite Schist Small hangingwall MSS zone; little mineralization.	982058	205.50	207.00	1.50	0.08		0.50	53.00	264.0
			982059	207.00	208.50	1.50	0.02		0.50	11.00	42.0
			982061	208.50	210.00	1.50	0.01		0.50	6.00	21.0
			982062	210.00	211.50	1.50	0.02		0.50	5.00	29.0
			982063	211.50	213.00	1.50	0.01		0.50	15.00	86.0
			982064	213.00	214.65	1.65	0.01		0.50	13.00	74.0
			982066	214.65	216.75	2.10	0.02		2.00	7.00	404.0
			982065	214.65	216.75	2.10	0.01		0.50	8.00	162.0
			982067	216.75	218.48	1.73	0.01		1.00	5.00	12.0
			982068	218.48	220.00	1.52	0.01		1.00	9.00	29.0
			982069	220.00	221.00	1.00	0.01		0.50	8.00	35.0
982071	221.00	222.25	1.25	0.00		0.50	6.00	34.0			
222.25	260.46	BMS, Biotite Muscovite Schist Typical BMS zone; one qz vein contains small amounts of asp/cpy	982072	222.25	223.75	1.50	0.01		0.50	6.00	41.0
			982073	242.61	243.11	0.50	0.01		0.50	87.00	16.0
			982074	243.11	244.50	1.39	0.01		0.50	23.00	38.0
			982075	244.50	246.00	1.50	0.02		0.50	23.00	37.0
			982076	246.00	247.50	1.50	0.02		0.50	20.00	39.0
			982077	247.50	249.00	1.50	0.04		0.50	14.00	59.0
			982078	249.00	250.00	1.00	0.14		0.50	65.00	111.0
			982079	250.00	251.00	1.00	0.12		4.00	162.00	478.0
			982081	251.00	252.00	1.00	0.08		1.00	166.00	355.0
			982082	252.00	253.50	1.50	0.05		0.50	29.00	57.0
			982083	253.50	255.00	1.50	0.03		0.50	30.00	143.0
			982084	255.00	256.50	1.50	0.08		5.00	25.00	109.0
			982085	256.50	258.00	1.50	0.06		1.00	78.00	184.0
			982086	256.50	258.00	1.50	0.11		4.00	62.00	195.0
			982087	258.00	259.00	1.00	0.08		4.00	77.00	425.0
			982088	259.00	260.46	1.46	0.24		27.00	56.00	108.0

# DETAILED LOG

Hole Number: TL11134

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
260.46	312.75	MSS, Muscovite Sericite Schist	982089	260.46	261.50	1.04	2.21		6.00	262.00	524.00
		Large main zone with patches of strongly sericitized rock intercollated with BMS-like; moderately sericitized rock. An interval of abundant mineralization(py;sph;gn;cpy) from 269.38-271-38.	982091	261.50	262.50	1.00	8.16	10.96	56.00	1989.00	363.00
			982092	262.50	263.50	1.00	1.04		7.00	232.00	244.00
			982093	263.50	264.60	1.10	1.77		33.00	667.00	2255.00
			982094	264.60	265.80	1.20	0.69		7.00	171.00	499.00
			982095	265.80	267.00	1.20	0.77		14.00	1025.00	843.00
			982096	267.00	268.00	1.00	0.22		0.50	52.00	267.00
			982097	268.00	269.38	1.38	0.11		2.00	140.00	723.00
			982098	269.38	270.38	1.00	0.28		164.00	15975.00	10323.00
			982099	270.38	271.38	1.00	14.10	10.25	24.00	1285.00	3079.00
			982101	271.38	272.38	1.00	1.46		19.00	155.00	243.00
			982102	272.38	273.38	1.00	0.93		5.00	71.00	128.00
			982103	273.38	274.50	1.12	0.62		14.00	95.00	293.00
			982104	274.50	276.00	1.50	0.34		3.00	340.00	1012.00
			982105	276.00	277.50	1.50	0.18		0.50	50.00	61.00
			982106	276.00	277.50	1.50	0.14		0.50	35.00	65.00
			982107	277.50	279.00	1.50	0.03		0.50	19.00	42.00
			982108	279.00	280.50	1.50	0.06		0.50	20.00	49.00
			982109	280.50	282.00	1.50	0.05		0.50	13.00	35.00
			982111	282.00	283.50	1.50	0.01		0.50	10.00	85.00
			982112	283.50	285.00	1.50	0.01		0.50	8.00	87.00
			982113	285.00	286.50	1.50	0.01		0.50	3.00	26.00
			982114	286.50	288.00	1.50	0.01		0.50	6.00	36.00
			982115	288.00	289.50	1.50	0.01		0.50	5.00	34.00
			982116	289.50	291.00	1.50	0.01		0.50	8.00	22.00
			982117	291.00	292.00	1.00	0.01		0.50	6.00	31.00
			982118	292.00	293.00	1.00	0.03		1.00	18.00	21.00
			982119	293.00	294.00	1.00	0.30		73.00	80.00	321.00
			982121	294.00	295.00	1.00	0.32		93.00	115.00	213.00
			982122	295.00	296.00	1.00	0.01		0.50	26.00	36.00
			982123	296.00	297.00	1.00	0.01		0.50	16.00	26.00
			982124	297.00	298.50	1.50	0.04		2.00	27.00	45.00
			982126	298.50	300.00	1.50	0.01		0.50	19.00	29.00
			982125	298.50	300.00	1.50	0.02		0.50	20.00	28.00
			982127	300.00	301.50	1.50	0.01		0.50	9.00	20.00
			982128	301.50	303.00	1.50	0.01		0.50	6.00	14.00
			982129	303.00	304.50	1.50	0.01		0.50	6.00	15.00
		982131	304.50	306.00	1.50	0.01		0.50	7.00	15.00	
		982132	306.00	307.50	1.50	0.01		0.50	7.00	18.00	
		982133	307.50	309.00	1.50	0.01		0.50	7.00	48.00	
		982134	309.00	310.00	1.00	0.04		0.50	6.00	44.00	
		982135	310.00	311.00	1.00	0.01		0.50	5.00	42.00	
		982136	311.00	312.00	1.00	0.01		0.50	8.00	38.00	

# DETAILED LOG

Hole Number: TL11134

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			982137	312.00	312.75	0.75	0.01		0.50	10.00	42.00
312.75	338.72	BMS, Biotite Muscovite Schist	982138	312.75	314.00	1.25	0.02		0.50	43.00	173.00
		Weakly sericitized BMS zone with little mineralization.	982139	337.22	338.72	1.50	0.02		0.50	34.00	44.00
338.72	363.00	MSS, Muscovite Sericite Schist	982141	338.72	340.00	1.28	0.37		6.00	256.00	277.00
		Strongly sericitized 'C' zone; boudaries are transitional. Increased mineralization of sph/po in the centre to lower portion of zone.	982142	340.00	341.00	1.00	0.29		5.00	174.00	666.00
			982143	341.00	342.00	1.00	0.06		0.50	57.00	113.00
			982144	342.00	343.50	1.50	0.28		0.50	91.00	400.00
			982146	343.50	345.00	1.50	0.29		0.50	34.00	523.00
			982145	343.50	345.00	1.50	0.24		0.50	31.00	597.00
			982147	345.00	346.50	1.50	0.06		0.50	36.00	58.00
			982148	346.50	348.00	1.50	0.05		0.50	32.00	42.00
			982149	348.00	349.50	1.50	0.21		0.50	32.00	66.00
			982151	349.50	351.00	1.50	0.23		0.50	58.00	150.00
			982152	351.00	352.00	1.00	0.24		0.50	60.00	426.00
			982153	352.00	353.00	1.00	0.36		0.50	56.00	104.00
			982154	353.00	354.00	1.00	0.05		0.50	46.00	73.00
			982155	354.00	355.00	1.00	0.23		2.00	556.00	205.00
			982156	355.00	356.00	1.00	0.08		0.50	149.00	498.00
			982157	356.00	357.00	1.00	0.11		2.00	558.00	295.00
			982158	357.00	358.50	1.50	0.16		0.50	36.00	107.00
			982159	358.50	360.00	1.50	0.04		0.50	95.00	560.00
			982161	360.00	361.50	1.50	0.08		0.50	159.00	1459.00
			982162	361.50	363.00	1.50	0.07		0.50	47.00	377.00
363.00	381.00	BMS, Biotite Muscovite Schist	982163	363.00	364.50	1.50	0.02		0.50	32.00	121.00
			982164	375.75	376.15	0.40	0.02		0.50	25.00	3108.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982037	127.50	128.94	0.1210		0.5000	23.0000	149.0000
982038	128.94	130.00	0.0060		0.5000	6.0000	47.0000
982039	130.00	131.00	0.0040		1.0000	3.0000	56.0000
982041	131.00	132.00	0.0100		1.0000	41.0000	219.0000
982042	132.00	133.26	0.0060		0.5000	8.0000	173.0000
982043	133.26	134.26	0.0070		0.5000	1.0000	35.0000
982044	134.26	135.75	0.0120		0.5000	11.0000	40.0000
982045	161.75	163.25	0.0090		0.5000	5.0000	55.0000
982047	163.25	164.50	0.0040		0.5000	5.0000	25.0000
982048	164.50	166.00	0.0030		0.5000	2.0000	13.0000
982049	166.00	167.50	0.0040		0.5000	5.0000	14.0000
982051	167.50	169.00	0.0020		3.0000	5.0000	11.0000

Hole Number: TL11134

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982052	169.00	170.20	0.0040		0.5000	9.0000	18.0000
982053	170.20	171.40	0.0040		0.5000	12.0000	34.0000
982054	171.40	172.90	0.0450		0.5000	13.0000	110.0000
982055	202.00	203.50	0.0430		0.5000	37.0000	89.0000
982056	203.50	204.00	0.8360		0.5000	91.0000	17867.0000
982057	204.00	205.50	0.0610		0.5000	58.0000	284.0000
982058	205.50	207.00	0.0800		0.5000	53.0000	264.0000
982059	207.00	208.50	0.0180		0.5000	11.0000	42.0000
982061	208.50	210.00	0.0120		0.5000	6.0000	21.0000
982062	210.00	211.50	0.0160		0.5000	5.0000	29.0000
982063	211.50	213.00	0.0100		0.5000	15.0000	86.0000
982064	213.00	214.65	0.0120		0.5000	13.0000	74.0000
982065	214.65	216.75	0.0110		0.5000	8.0000	162.0000
982067	216.75	218.48	0.0060		1.0000	5.0000	12.0000
982068	218.48	220.00	0.0100		1.0000	9.0000	29.0000
982069	220.00	221.00	0.0130		0.5000	8.0000	35.0000
982071	221.00	222.25	0.0040		0.5000	6.0000	34.0000
982072	222.25	223.75	0.0130		0.5000	6.0000	41.0000
982073	242.61	243.11	0.0140		0.5000	87.0000	16.0000
982074	243.11	244.50	0.0070		0.5000	23.0000	38.0000
982075	244.50	246.00	0.0180		0.5000	23.0000	37.0000
982076	246.00	247.50	0.0200		0.5000	20.0000	39.0000
982077	247.50	249.00	0.0430		0.5000	14.0000	59.0000
982078	249.00	250.00	0.1400		0.5000	65.0000	111.0000
982079	250.00	251.00	0.1190		4.0000	162.0000	478.0000
982081	251.00	252.00	0.0750		1.0000	166.0000	355.0000
982082	252.00	253.50	0.0490		0.5000	29.0000	57.0000
982083	253.50	255.00	0.0270		0.5000	30.0000	143.0000
982084	255.00	256.50	0.0790		5.0000	25.0000	109.0000
982085	256.50	258.00	0.0550		1.0000	78.0000	184.0000
982087	258.00	259.00	0.0830		4.0000	77.0000	425.0000
982088	259.00	260.46	0.2440		27.0000	56.0000	108.0000
982089	260.46	261.50	2.2120		6.0000	262.0000	524.0000
982091	261.50	262.50	8.1580	10.9620	56.0000	1989.0000	363.0000
982092	262.50	263.50	1.0350		7.0000	232.0000	244.0000
982093	263.50	264.60	1.7650		33.0000	667.0000	2255.0000
982094	264.60	265.80	0.6890		7.0000	171.0000	499.0000
982095	265.80	267.00	0.7710		14.0000	1025.0000	843.0000
982096	267.00	268.00	0.2240		0.5000	52.0000	267.0000

Hole Number: TL11134

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982097	268.00	269.38	0.1110		2.0000	140.0000	723.0000
982098	269.38	270.38	0.2840		164.0000	15975.0000	10323.0000
982099	270.38	271.38	14.0970	10.2510	24.0000	1285.0000	3079.0000
982101	271.38	272.38	1.4600		19.0000	155.0000	243.0000
982102	272.38	273.38	0.9260		5.0000	71.0000	128.0000
982103	273.38	274.50	0.6180		14.0000	95.0000	293.0000
982104	274.50	276.00	0.3420		3.0000	340.0000	1012.0000
982105	276.00	277.50	0.1800		0.5000	50.0000	61.0000
982107	277.50	279.00	0.0250		0.5000	19.0000	42.0000
982108	279.00	280.50	0.0620		0.5000	20.0000	49.0000
982109	280.50	282.00	0.0510		0.5000	13.0000	35.0000
982111	282.00	283.50	0.0130		0.5000	10.0000	85.0000
982112	283.50	285.00	0.0090		0.5000	8.0000	87.0000
982113	285.00	286.50	0.0080		0.5000	3.0000	26.0000
982114	286.50	288.00	0.0100		0.5000	6.0000	36.0000
982115	288.00	289.50	0.0060		0.5000	5.0000	34.0000
982116	289.50	291.00	0.0070		0.5000	8.0000	22.0000
982117	291.00	292.00	0.0100		0.5000	6.0000	31.0000
982118	292.00	293.00	0.0250		1.0000	18.0000	21.0000
982119	293.00	294.00	0.2980		73.0000	80.0000	321.0000
982121	294.00	295.00	0.3200		93.0000	115.0000	213.0000
982122	295.00	296.00	0.0130		0.5000	26.0000	36.0000
982123	296.00	297.00	0.0090		0.5000	16.0000	26.0000
982124	297.00	298.50	0.0440		2.0000	27.0000	45.0000
982125	298.50	300.00	0.0150		0.5000	20.0000	28.0000
982127	300.00	301.50	0.0060		0.5000	9.0000	20.0000
982128	301.50	303.00	0.0080		0.5000	6.0000	14.0000
982129	303.00	304.50	0.0050		0.5000	6.0000	15.0000
982131	304.50	306.00	0.0060		0.5000	7.0000	15.0000
982132	306.00	307.50	0.0070		0.5000	7.0000	18.0000
982133	307.50	309.00	0.0110		0.5000	7.0000	48.0000
982134	309.00	310.00	0.0400		0.5000	6.0000	44.0000
982135	310.00	311.00	0.0100		0.5000	5.0000	42.0000
982136	311.00	312.00	0.0080		0.5000	8.0000	38.0000
982137	312.00	312.75	0.0120		0.5000	10.0000	42.0000
982138	312.75	314.00	0.0190		0.5000	43.0000	173.0000
982139	337.22	338.72	0.0210		0.5000	34.0000	44.0000
982141	338.72	340.00	0.3650		6.0000	256.0000	277.0000
982142	340.00	341.00	0.2850		5.0000	174.0000	666.0000

Hole Number: TL11134

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982143	341.00	342.00	0.0550		0.5000	57.0000	113.0000
982144	342.00	343.50	0.2840		0.5000	91.0000	400.0000
982145	343.50	345.00	0.2370		0.5000	31.0000	597.0000
982147	345.00	346.50	0.0560		0.5000	36.0000	58.0000
982148	346.50	348.00	0.0500		0.5000	32.0000	42.0000
982149	348.00	349.50	0.2140		0.5000	32.0000	66.0000
982151	349.50	351.00	0.2300		0.5000	58.0000	150.0000
982152	351.00	352.00	0.2440		0.5000	60.0000	426.0000
982153	352.00	353.00	0.3560		0.5000	56.0000	104.0000
982154	353.00	354.00	0.0530		0.5000	46.0000	73.0000
982155	354.00	355.00	0.2280		2.0000	556.0000	205.0000
982156	355.00	356.00	0.0840		0.5000	149.0000	498.0000
982157	356.00	357.00	0.1080		2.0000	558.0000	295.0000
982158	357.00	358.50	0.1610		0.5000	36.0000	107.0000
982159	358.50	360.00	0.0410		0.5000	95.0000	560.0000
982161	360.00	361.50	0.0840		0.5000	159.0000	1459.0000
982162	361.50	363.00	0.0670		0.5000	47.0000	377.0000
982163	363.00	364.50	0.0150		0.5000	32.0000	121.0000
982164	375.75	376.15	0.0200		0.5000	25.0000	3108.0000
Sample Type	CDUP						
982046	161.75	163.25	0.0250		0.5000	5.0000	59.0000
982066	214.65	216.75	0.0200		2.0000	7.0000	404.0000
982086	256.50	258.00	0.1060		4.0000	62.0000	195.0000
982106	276.00	277.50	0.1360		0.5000	35.0000	65.0000
982126	298.50	300.00	0.0140		0.5000	19.0000	29.0000
982146	343.50	345.00	0.2940		0.5000	34.0000	523.0000

# DETAILED LOG

Hole Number: TL11135

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -63.00
Project Number: TMI-TL	North: 5511860.56	North:	Collar Az: 310.00
Location: Zealand Township	East: 528381.72	East:	Length: 432.00
	Elev: 393.55	Elev:	Start Depth: 0.00
Date Started: Mar 15, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Mar 18, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 432.00

Comments: Main zone contains abundant sulfide mineralization which is accompanied by visible gold in 3 separate places. 'C' zone has high sr alteration and moderate sulfide neralization.  
 Main zone from 313.81-369.39 m.  
 C Zone from 403.30-425.25 m.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	310.00	-63.40	EZ Sho'	OK		27.00	310.30	-63.00	EZ Sho'	OK	
54.00	311.50	-62.50	EZ Sho'	OK		102.00	311.20	-61.80	EZ Sho'	OK	
153.00	312.30	-60.90	EZ Sho'	OK		201.00	315.10	-59.50	EZ Sho'	OK	
252.00	316.40	-58.50	EZ Sho'	OK		300.00	316.00	-57.40	EZ Sho'	OK	
351.00	317.20	-56.70	EZ Sho'	OK		402.00	318.50	-55.70	EZ Sho'	OK	
432.00	318.70	-54.60	EZ Sho'	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	12.00	OB, Overburden									
12.00	176.63	BMS, Biotite Muscovite Schist Large; typical BMS zone. Randomly distributed rare sph stringers and other mineralization. Within 10 m of transition into MSS there is an interval of increased loose folding and Po mineralization.	983011	175.13	176.63	1.50	0.04		0.50	20.00	91.00
176.63	184.55	MSS, Muscovite Sericite Schist Small hangingwall MSS zone. Highly sericitized/silicified and little mineralization.	983012	176.63	178.00	1.37	0.00		0.50	13.00	39.00
			983013	178.00	179.00	1.00	0.00		1.00	14.00	27.00
			983014	179.00	180.00	1.00	0.00		1.00	14.00	21.00
			983015	180.00	181.00	1.00	0.00		0.50	11.00	42.00
			983016	181.00	182.00	1.00	0.00		0.50	13.00	57.00
			983017	182.00	183.00	1.00	0.00		1.00	14.00	45.00
			983018	183.00	184.55	1.55	0.01		0.50	20.00	56.00
184.55	219.13	BMS, Biotite Muscovite Schist BMS zone with typical looking upper half; lower half has a coarser grained look and a higher abundance of local chl alteration.	983019	184.55	186.00	1.45	0.02		0.50	18.00	162.00
			983021	217.63	219.13	1.50	0.00		0.50	10.00	53.00
219.13	222.63	MSS, Muscovite Sericite Schist	983022	219.13	220.63	1.50	0.01		0.50	11.00	25.00
			983023	220.63	221.63	1.00	0.00		0.50	12.00	20.00
			983024	221.63	222.63	1.00	0.01		1.00	14.00	39.00



Hole Number: TL11135

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
222.63	266.05	BMS, Biotite Muscovite Schist BMS with 2-3m zone at beginning of interval that has moderate sr alteration. Typical throughout the rest with uncommon sph stringers; and increased Po mineralization within 10m of MSS transition.	983026	222.63	224.13	1.50	0.01		0.50	18.00	88.00
			983025	222.63	224.13	1.50	0.01		1.00	19.00	81.00
			983027	227.00	228.50	1.50	0.03		1.00	26.00	106.00
			983028	228.50	229.50	1.00	0.02		0.50	29.00	42.00
			983029	229.50	230.50	1.00	0.02		1.00	34.00	49.00
			983031	230.50	231.50	1.00	0.02		4.00	96.00	144.00
			983032	265.05	266.05	1.00	0.05		2.00	59.00	166.00
266.05	278.72	MSS, Muscovite Sericite Schist Moderate sized hangingwall MSS zone. First 2m has moderate chl/epi alteration due to increased fracturing. Sr alteration is strong with some local moderate patches. Little mineralization other than a 1m interval of several sph stringers (274-275)	983033	266.05	267.00	0.95	0.00		0.50	32.00	18.00
			983034	267.00	268.00	1.00	0.01		0.50	38.00	24.00
			983035	268.00	269.00	1.00	0.00		1.00	22.00	50.00
			983036	269.00	270.00	1.00	0.00		1.00	17.00	59.00
			983037	270.00	271.50	1.50	0.01		2.00	19.00	56.00
			983038	271.50	273.00	1.50	0.02		2.00	83.00	108.00
			983039	273.00	274.00	1.00	0.01		0.50	24.00	24.00
			983041	274.00	275.00	1.00	0.06		3.00	192.00	1244.00
			983042	275.00	276.00	1.00	0.02		0.50	28.00	30.00
			983043	276.00	277.50	1.50	0.01		1.00	19.00	22.00
983044	277.50	278.72	1.22	0.00		1.00	15.00	27.00			
278.72	313.81	BMS, Biotite Muscovite Schist Typical BMS unit with an increase of folding; commonly near qz veins. Weak sr alteration that increases as you move closer to MSS transition. Little mineralization as well until the transition to MSS where there is an increase of diss. py; sph stringers.	983045	278.72	280.00	1.28	0.01		0.50	18.00	52.00
			983046	278.72	280.00	1.28	0.01		0.50	17.00	52.00
			983047	305.00	306.50	1.50	0.03		2.00	25.00	48.00
			983048	306.50	308.00	1.50	0.56		8.00	179.00	475.00
			983049	308.00	309.50	1.50	0.08		2.00	41.00	108.00
			983051	309.50	311.00	1.50	0.04		4.00	137.00	371.00
			983052	311.00	312.50	1.50	0.04		2.00	33.00	357.00
			983053	312.50	313.81	1.31	0.04		1.00	25.00	327.00

DETAILED LOG

Hole Number: TL11135

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
313.81	369.39	MSS, Muscovite Sericite Schist	983054	313.81	314.90	1.09	0.32		3.00	136.00	339.00
		Large MSS zone where the first 10-15m is highly sericitized with abundant deformed; old qz veins. Within this area there are several intervals of abundant sulfide mineralization; some of which have visible gold. The rest of the MSS zone has moderate sr alteration; high si alteration; and little mineralization.	983055	314.90	315.90	1.00	127.22	119.66	22.00	2204.00	10005.00
			983056	315.90	317.00	1.10	1.20		4.00	397.00	1013.00
			983057	317.00	318.00	1.00	1.48		17.00	2351.00	312.00
			983058	318.00	319.50	1.50	0.20		3.00	395.00	726.00
			983059	319.50	320.75	1.25	0.33		10.00	1281.00	1062.00
			983061	320.75	322.25	1.50	0.18		2.00	166.00	1033.00
			983062	322.25	323.25	1.00	2.38		9.00	957.00	1147.00
			983063	323.25	323.75	0.50	664.19	747.26	65.00	1730.00	8463.00
			983064	323.75	324.75	1.00	4.65		23.00	1976.00	7092.00
			983065	324.75	325.75	1.00	5.25	15.77	5.00	294.00	784.00
			983066	324.75	325.75	1.00	0.96		4.00	289.00	552.00
			983067	325.75	326.25	0.50	14.19	10.27	194.00	26408.00	39892.00
			983068	326.25	327.75	1.50	6.96	8.12	17.00	1847.00	3535.00
			983069	327.75	328.50	0.75	3.52		9.00	590.00	743.00
			983071	328.50	330.00	1.50	0.14		13.00	1139.00	3489.00
			983072	330.00	330.50	0.50	3.93		357.00	1511.00	83.00
			983073	330.50	331.50	1.00	1.19		44.00	57.00	82.00
			983074	331.50	332.50	1.00	0.81		6.00	163.00	259.00
			983075	332.50	333.50	1.00	0.28		5.00	80.00	382.00
			983076	333.50	334.50	1.00	0.31		3.00	75.00	194.00
			983077	334.50	336.00	1.50	0.09		4.00	41.00	68.00
			983078	336.00	337.50	1.50	0.09		3.00	48.00	159.00
			983079	337.50	339.00	1.50	0.02		3.00	23.00	54.00
			983081	339.00	340.50	1.50	0.05		3.00	21.00	67.00
			983082	340.50	342.00	1.50	0.02		3.00	17.00	94.00
			983083	342.00	343.50	1.50	0.01		1.00	10.00	35.00
			983084	343.50	345.00	1.50	0.01		1.00	9.00	45.00
		983086	345.00	346.50	1.50	0.01		1.00	23.00	199.00	
		983085	345.00	346.50	1.50	0.01		1.00	8.00	92.00	
		983087	346.50	348.00	1.50	0.01		1.00	16.00	146.00	
		983088	348.00	349.50	1.50	0.00		1.00	12.00	79.00	
		983089	349.50	351.00	1.50	0.01		0.50	16.00	121.00	
		983091	351.00	352.50	1.50	0.00		0.50	18.00	49.00	
		983092	352.50	354.00	1.50	0.01		0.50	16.00	36.00	
		983093	354.00	355.50	1.50	0.00		1.00	18.00	109.00	
		983094	355.50	357.00	1.50	0.00		0.50	12.00	61.00	
		983095	357.00	358.50	1.50	0.01		1.00	14.00	48.00	
		983096	358.50	360.00	1.50	0.01		2.00	14.00	116.00	
		983097	360.00	361.50	1.50	0.01		1.00	14.00	57.00	
		983098	361.50	363.00	1.50	0.01		0.50	14.00	82.00	
		983099	363.00	364.50	1.50	0.01		1.00	16.00	45.00	
		983101	364.50	366.00	1.50	0.01		1.00	13.00	119.00	

# DETAILED LOG

Hole Number: TL11135

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			983102	366.00	367.50	1.50	0.01		1.00	11.00	15.00
			983103	367.50	369.39	1.89	0.01		1.00	11.00	34.00
369.39	403.30	BMS, Biotite Muscovite Schist Typical BMS zone; weak sr alteration with little mineralization other than trace asp; po; sph; gn within rare stringers.	983104	369.39	370.89	1.50	0.01		0.50	22.00	51.00
			983105	401.80	403.30	1.50	0.03		0.50	21.00	57.00
			983106	401.80	403.30	1.50	0.04		0.50	20.00	60.00
403.30	425.45	MSS, Muscovite Sericite Schist MSS zone with strong sr altn. Abundant folding around deformed old qtz veins. Moderate sulphide mineralization with sph and trace gal. Common fault zones from 417m to 425.45m.	983107	403.30	404.30	1.00	0.13		0.50	43.00	71.00
			983108	404.30	405.30	1.00	0.46		3.00	81.00	191.00
			983109	405.30	406.30	1.00	0.09		1.00	30.00	53.00
			983111	406.30	407.30	1.00	0.08		1.00	56.00	79.00
			983112	407.30	408.30	1.00	2.21		16.00	111.00	269.00
			983113	408.30	409.50	1.20	0.04		0.50	54.00	77.00
			983114	409.50	411.00	1.50	0.03		0.50	49.00	74.00
			983115	411.00	412.00	1.00	0.27		3.00	88.00	796.00
			983116	412.00	413.50	1.50	0.19		2.00	189.00	252.00
			983117	413.50	414.50	1.00	0.29		2.00	103.00	1138.00
			983118	414.50	415.50	1.00	0.26		2.00	138.00	736.00
			983119	415.50	417.00	1.50	0.28		4.00	924.00	1471.00
			983121	417.00	418.50	1.50	0.03		0.50	29.00	219.00
			983122	418.50	420.00	1.50	0.05		0.50	26.00	62.00
			983123	420.00	421.50	1.50	0.05		1.00	24.00	50.00
			983124	421.50	423.00	1.50	0.08		1.00	20.00	72.00
			983125	423.00	424.00	1.00	0.09		1.00	19.00	32.00
			983126	423.00	424.00	1.00	0.10		1.00	15.00	33.00
			983127	424.00	425.45	1.45	0.08		2.00	27.00	99.00
425.45	432.00	BMS, Biotite Muscovite Schist BMS with weak to moderate sr altn. A couple fault zones present. Weak mineralization throughout.	983128	425.45	427.00	1.55	0.05		1.00	33.00	231.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983011	175.13	176.63	0.0360		0.5000	20.0000	91.0000
983012	176.63	178.00	0.0040		0.5000	13.0000	39.0000
983013	178.00	179.00	0.0030		1.0000	14.0000	27.0000
983014	179.00	180.00	0.0010		1.0000	14.0000	21.0000
983015	180.00	181.00	0.0010		0.5000	11.0000	42.0000
983016	181.00	182.00	0.0030		0.5000	13.0000	57.0000
983017	182.00	183.00	0.0030		1.0000	14.0000	45.0000
983018	183.00	184.55	0.0080		0.5000	20.0000	56.0000
983019	184.55	186.00	0.0210		0.5000	18.0000	162.0000
983021	217.63	219.13	0.0040		0.5000	10.0000	53.0000
983022	219.13	220.63	0.0060		0.5000	11.0000	25.0000

Hole Number: TL11135

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983023	220.63	221.63	0.0040		0.5000	12.0000	20.0000
983024	221.63	222.63	0.0050		1.0000	14.0000	39.0000
983025	222.63	224.13	0.0120		1.0000	19.0000	81.0000
983027	227.00	228.50	0.0250		1.0000	26.0000	106.0000
983028	228.50	229.50	0.0220		0.5000	29.0000	42.0000
983029	229.50	230.50	0.0210		1.0000	34.0000	49.0000
983031	230.50	231.50	0.0180		4.0000	96.0000	144.0000
983032	265.05	266.05	0.0540		2.0000	59.0000	166.0000
983033	266.05	267.00	0.0030		0.5000	32.0000	18.0000
983034	267.00	268.00	0.0070		0.5000	38.0000	24.0000
983035	268.00	269.00	0.0030		1.0000	22.0000	50.0000
983036	269.00	270.00	0.0020		1.0000	17.0000	59.0000
983037	270.00	271.50	0.0060		2.0000	19.0000	56.0000
983038	271.50	273.00	0.0230		2.0000	83.0000	108.0000
983039	273.00	274.00	0.0090		0.5000	24.0000	24.0000
983041	274.00	275.00	0.0570		3.0000	192.0000	1244.0000
983042	275.00	276.00	0.0160		0.5000	28.0000	30.0000
983043	276.00	277.50	0.0050		1.0000	19.0000	22.0000
983044	277.50	278.72	0.0030		1.0000	15.0000	27.0000
983045	278.72	280.00	0.0080		0.5000	18.0000	52.0000
983047	305.00	306.50	0.0320		2.0000	25.0000	48.0000
983048	306.50	308.00	0.5570		8.0000	179.0000	475.0000
983049	308.00	309.50	0.0830		2.0000	41.0000	108.0000
983051	309.50	311.00	0.0420		4.0000	137.0000	371.0000
983052	311.00	312.50	0.0390		2.0000	33.0000	357.0000
983053	312.50	313.81	0.0370		1.0000	25.0000	327.0000
983054	313.81	314.90	0.3210		3.0000	136.0000	339.0000
983055	314.90	315.90	127.2200	119.6600	22.0000	2204.0000	10005.0000
983056	315.90	317.00	1.2020		4.0000	397.0000	1013.0000
983057	317.00	318.00	1.4800		17.0000	2351.0000	312.0000
983058	318.00	319.50	0.1960		3.0000	395.0000	726.0000
983059	319.50	320.75	0.3340		10.0000	1281.0000	1062.0000
983061	320.75	322.25	0.1750		2.0000	166.0000	1033.0000
983062	322.25	323.25	2.3820		9.0000	957.0000	1147.0000
983063	323.25	323.75	664.1920	747.2570	65.0000	1730.0000	8463.0000
983064	323.75	324.75	4.6540		23.0000	1976.0000	7092.0000
983065	324.75	325.75	5.2470	15.7730	5.0000	294.0000	784.0000
983067	325.75	326.25	14.1910	10.2730	194.0000	26408.0000	39892.0000
983068	326.25	327.75	6.9580	8.1230	17.0000	1847.0000	3535.0000

Hole Number: TL11135

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983069	327.75	328.50	3.5160		9.0000	590.0000	743.0000
983071	328.50	330.00	0.1410		13.0000	1139.0000	3489.0000
983072	330.00	330.50	3.9320		357.0000	1511.0000	83.0000
983073	330.50	331.50	1.1910		44.0000	57.0000	82.0000
983074	331.50	332.50	0.8050		6.0000	163.0000	259.0000
983075	332.50	333.50	0.2760		5.0000	80.0000	382.0000
983076	333.50	334.50	0.3080		3.0000	75.0000	194.0000
983077	334.50	336.00	0.0890		4.0000	41.0000	68.0000
983078	336.00	337.50	0.0870		3.0000	48.0000	159.0000
983079	337.50	339.00	0.0200		3.0000	23.0000	54.0000
983081	339.00	340.50	0.0500		3.0000	21.0000	67.0000
983082	340.50	342.00	0.0150		3.0000	17.0000	94.0000
983083	342.00	343.50	0.0090		1.0000	10.0000	35.0000
983084	343.50	345.00	0.0080		1.0000	9.0000	45.0000
983085	345.00	346.50	0.0100		1.0000	8.0000	92.0000
983087	346.50	348.00	0.0080		1.0000	16.0000	146.0000
983088	348.00	349.50	0.0040		1.0000	12.0000	79.0000
983089	349.50	351.00	0.0070		0.5000	16.0000	121.0000
983091	351.00	352.50	0.0040		0.5000	18.0000	49.0000
983092	352.50	354.00	0.0050		0.5000	16.0000	36.0000
983093	354.00	355.50	0.0040		1.0000	18.0000	109.0000
983094	355.50	357.00	0.0020		0.5000	12.0000	61.0000
983095	357.00	358.50	0.0090		1.0000	14.0000	48.0000
983096	358.50	360.00	0.0140		2.0000	14.0000	116.0000
983097	360.00	361.50	0.0080		1.0000	14.0000	57.0000
983098	361.50	363.00	0.0090		0.5000	14.0000	82.0000
983099	363.00	364.50	0.0110		1.0000	16.0000	45.0000
983101	364.50	366.00	0.0100		1.0000	13.0000	119.0000
983102	366.00	367.50	0.0110		1.0000	11.0000	15.0000
983103	367.50	369.39	0.0140		1.0000	11.0000	34.0000
983104	369.39	370.89	0.0130		0.5000	22.0000	51.0000
983105	401.80	403.30	0.0300		0.5000	21.0000	57.0000
983107	403.30	404.30	0.1320		0.5000	43.0000	71.0000
983108	404.30	405.30	0.4640		3.0000	81.0000	191.0000
983109	405.30	406.30	0.0870		1.0000	30.0000	53.0000
983111	406.30	407.30	0.0820		1.0000	56.0000	79.0000
983112	407.30	408.30	2.2130		16.0000	111.0000	269.0000
983113	408.30	409.50	0.0430		0.5000	54.0000	77.0000
983114	409.50	411.00	0.0270		0.5000	49.0000	74.0000

Hole Number: TL11135

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983115	411.00	412.00	0.2690		3.0000	88.0000	796.0000
983116	412.00	413.50	0.1920		2.0000	189.0000	252.0000
983117	413.50	414.50	0.2910		2.0000	103.0000	1138.0000
983118	414.50	415.50	0.2610		2.0000	138.0000	736.0000
983119	415.50	417.00	0.2750		4.0000	924.0000	1471.0000
983121	417.00	418.50	0.0320		0.5000	29.0000	219.0000
983122	418.50	420.00	0.0510		0.5000	26.0000	62.0000
983123	420.00	421.50	0.0450		1.0000	24.0000	50.0000
983124	421.50	423.00	0.0750		1.0000	20.0000	72.0000
983125	423.00	424.00	0.0940		1.0000	19.0000	32.0000
983127	424.00	425.45	0.0830		2.0000	27.0000	99.0000
983128	425.45	427.00	0.0540		1.0000	33.0000	231.0000
Sample Type	CDUP						
983026	222.63	224.13	0.0090		0.5000	18.0000	88.0000
983046	278.72	280.00	0.0090		0.5000	17.0000	52.0000
983066	324.75	325.75	0.9550		4.0000	289.0000	552.0000
983086	345.00	346.50	0.0050		1.0000	23.0000	199.0000
983106	401.80	403.30	0.0380		0.5000	20.0000	60.0000
983126	423.00	424.00	0.1020		1.0000	15.0000	33.0000

# DETAILED LOG

Hole Number: TL11136

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -62.00
Project Number: TMI-TL	North: 5511898.60	North:	Collar Az: 315.00
Location: Zealand Township	East: 528396.22	East:	Length: 360.00
	Elev: 394.61	Elev:	Start Depth: 0.00
Date Started: Mar 18, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Mar 20, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 360.00

Comments: Main zone from 255.86-314.31 m. 1-local 4% pyrite. trace-1% sphalerite + trace-1% galena. Up to 4% Galena in fractures. trace-1% chalcopyrite.  
 3 spots of Au : 261.71-261.98 m- possible V.G. found on the margin of qtz vein as specks and micro-veinlets  
 264.71-264.72 m and 174.75-174.76 m.  
 C Zone from 336.08-358.30 m.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	311.50	-62.00	EZ Sho	OK		30.00	312.10	-61.90	EZ Sho	OK	
54.00	313.70	-61.30	EZ Sho	OK		105.00	316.20	-58.20	EZ Sho	OK	
151.00	316.90	-57.40	EZ Sho	OK		202.00	319.00	-56.20	EZ Sho	OK	
255.00	318.40	-55.00	EZ Sho	OK		300.00	319.10	-53.10	EZ Sho	OK	
351.00	320.40	-51.20	EZ Sho	OK		360.00	321.80	-50.40	EZ Sho	OK	

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	7.00	OB, Overburden									
7.00	109.32	BMS, Biotite Muscovite Schist	982165	108.00	109.32	1.32	0.02		0.50	64.00	138.00
			982166	108.00	109.32	1.32	0.03		0.50	72.00	157.00
109.32	113.15	MSS, Muscovite Sericite Schist	982167	109.32	110.32	1.00	0.02		0.50	38.00	285.00
		Very small hangingwall MSS zone. Moderate sr alteration with abundant qz blebs/old veins which have foliation wrapped around them. Little mineralization	982168	110.32	111.32	1.00	0.01		3.00	57.00	385.00
			982169	111.32	112.32	1.00	0.01		0.50	17.00	71.00
			982171	112.32	113.15	0.83	0.01		0.50	24.00	77.00
113.15	210.94	BMS, Biotite Muscovite Schist	982172	113.15	114.65	1.50	0.03		0.50	29.00	315.00
		Large BMS zone with common chl/epi alteration bands; weak sr alteration with moderate local patches; and little mineralization. Within the middle of the unit there is a 20m section with medium grain size creating a more 'grainy' appearance rather than the typical patchy look.	982173	203.25	203.75	0.50	1.14		1.00	65.00	115.00
			982174	204.90	205.55	0.65	0.13		2.00	127.00	2025.00
			982175	205.55	206.50	0.95	0.30		2.00	88.00	339.00
			982176	206.50	208.00	1.50	0.10		0.50	44.00	107.00
			982177	208.00	209.50	1.50	0.16		0.50	54.00	358.00
			982178	209.50	210.94	1.44	0.23		1.00	38.00	156.00

Hole Number: TL11136

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
210.94	220.47	MSS, Muscovite Sericite Schist	982179	210.94	212.00	1.06	0.01		0.50	20.00	48.00
			982181	212.00	213.00	1.00	0.01		0.50	32.00	49.00
			982182	213.00	214.50	1.50	0.01		0.50	35.00	27.00
			982183	214.50	216.00	1.50	0.01		0.50	40.00	31.00
			982184	216.00	217.50	1.50	0.01		0.50	35.00	173.00
			982185	217.50	219.00	1.50	0.01		0.50	24.00	26.00
			982186	217.50	219.00	1.50	0.01		0.50	22.00	26.00
			982187	219.00	220.47	1.47	0.01		0.50	21.00	30.00
220.47	255.86	BMS, Biotite Muscovite Schist	982188	220.47	222.00	1.53	0.02		0.50	78.00	144.00
			982189	250.86	252.36	1.50	0.68		4.00	444.00	993.00
			982191	252.36	253.86	1.50	0.04		3.00	63.00	79.00
			982192	253.86	254.86	1.00	0.02		2.00	65.00	367.00
			982193	254.86	255.86	1.00	0.08		3.00	427.00	504.00



DETAILED LOG

Hole Number: TL11136

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
255.86	314.31	MSS, Muscovite Sericite Schist	982194	255.86	257.36	1.50	1.38		14.00	1316.00	4133.00
		Large MSS zone with abundant mineralization within the first 20m and local areas throughout the rest. Strong sr alteration with local moderate-strong patches. 3 separate areas of mineralization have possible vg specks or miny veinlets	982195	257.36	258.55	1.19	1.38		6.00	357.00	2047.00
			982196	258.55	259.55	1.00	0.65		10.00	519.00	372.00
			982197	259.55	260.55	1.00	1.07		7.00	227.00	362.00
			982198	260.55	261.55	1.00	0.32		7.00	894.00	2142.00
			982199	261.55	262.05	0.50	18.65	12.83	33.00	3711.00	929.00
			982201	262.05	263.05	1.00	0.73		8.00	713.00	2231.00
			982202	263.05	264.46	1.41	0.69		4.00	197.00	359.00
			982203	264.46	264.96	0.50	14.27	32.05	3.00	28.00	44.00
			982204	264.96	266.00	1.04	0.09		1.00	13.00	22.00
			982205	266.00	267.00	1.00	0.93		1.00	13.00	16.00
			982206	266.00	267.00	1.00	2.16		1.00	11.00	18.00
			982207	267.00	268.50	1.50	0.25		1.00	11.00	14.00
			982208	268.50	270.00	1.50	0.07		2.00	36.00	27.00
			982209	270.00	271.50	1.50	0.02		1.00	22.00	22.00
			982211	271.50	273.00	1.50	1.08		2.00	89.00	178.00
			982212	273.00	274.50	1.50	1.84		1.00	37.00	67.00
			982213	274.50	275.00	0.50	10.16		2.00	77.00	70.00
			982214	275.00	276.00	1.00	0.41		4.00	298.00	1839.00
			982215	276.00	277.50	1.50	0.06		2.00	113.00	104.00
			982216	277.50	279.00	1.50	0.20		2.00	335.00	356.00
			982217	279.00	280.00	1.00	0.19		1.00	138.00	166.00
			982218	280.00	280.50	0.50	9.98	7.49	13.00	3008.00	3850.00
			982219	280.50	282.00	1.50	1.34		6.00	468.00	658.00
			982221	282.00	283.50	1.50	1.84		5.00	227.00	268.00
		982222	283.50	285.00	1.50	0.02		1.00	24.00	243.00	
		982223	285.00	286.50	1.50	0.02		1.00	29.00	51.00	
		982224	286.50	288.00	1.50	0.10		2.00	28.00	32.00	
		982226	288.00	289.50	1.50	0.01		2.00	22.00	164.00	
		982225	288.00	289.50	1.50	0.01		2.00	25.00	253.00	
		982227	289.50	291.00	1.50	0.03		2.00	18.00	90.00	
		982228	291.00	292.50	1.50	0.02		2.00	15.00	35.00	
		982229	292.50	294.00	1.50	0.03		2.00	13.00	363.00	
		982231	294.00	295.50	1.50	0.02		2.00	15.00	63.00	
		982232	295.50	297.00	1.50	0.01		1.00	12.00	272.00	
		982233	297.00	298.50	1.50	0.01		1.00	10.00	32.00	
		982234	298.50	300.00	1.50	0.02		2.00	14.00	125.00	
		982235	300.00	301.50	1.50	0.01		1.00	13.00	60.00	
		982236	301.50	303.00	1.50	0.01		1.00	11.00	40.00	
		982237	303.00	304.50	1.50	0.01		0.50	7.00	30.00	
		982238	304.50	306.00	1.50	0.01		1.00	9.00	45.00	
		982239	306.00	307.50	1.50	0.01		1.00	10.00	24.00	
		982241	307.50	309.00	1.50	0.01		2.00	7.00	42.00	

DETAILED LOG

Hole Number: TL11136

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			982242	309.00	310.50	1.50	0.02		2.00	10.00	34.00
			982243	310.50	312.00	1.50	0.03		2.00	10.00	34.00
			982244	312.00	313.00	1.00	0.01		2.00	15.00	49.00
			982246	313.00	314.31	1.31	0.01		1.00	13.00	55.00
			982245	313.00	314.31	1.31	0.01		2.00	15.00	59.00
314.31	336.08	BMS, Biotite Muscovite Schist	982247	314.31	315.81	1.50	0.02		0.50	33.00	95.00
			982248	333.58	334.58	1.00	0.09		0.50	43.00	78.00
			982249	334.58	336.08	1.50	0.03		0.50	41.00	102.00
336.08	358.30	MSS, Muscovite Sericite Schist C' zone with strong sr alteration. common sulfide stringers (py; sph.; cpy; gn) that become more abundant within the second half of the zone.	982251	336.08	337.08	1.00	0.06		0.50	23.00	61.00
			982252	337.08	338.08	1.00	0.09		0.50	43.00	111.00
			982253	338.08	339.08	1.00	0.18		0.50	64.00	281.00
			982254	339.08	340.08	1.00	0.06		0.50	66.00	138.00
			982255	340.08	341.08	1.00	0.38		2.00	94.00	790.00
			982256	341.08	342.00	0.92	0.08		0.50	75.00	115.00
			982257	342.00	343.00	1.00	0.63		0.50	55.00	107.00
			982258	343.00	344.00	1.00	0.40		0.50	62.00	83.00
			982259	344.00	345.00	1.00	0.15		0.50	53.00	55.00
			982261	345.00	346.00	1.00	0.15		0.50	56.00	153.00
			982262	346.00	347.00	1.00	0.37		0.50	61.00	50.00
			982263	347.00	348.00	1.00	0.02		0.50	67.00	55.00
			982264	348.00	349.00	1.00	0.02		0.50	62.00	56.00
			982265	349.00	350.00	1.00	0.04		0.50	61.00	55.00
			982266	349.00	350.00	1.00	0.03		0.50	61.00	40.00
			982267	350.00	351.00	1.00	0.22		0.50	109.00	735.00
			982268	351.00	352.10	1.10	0.20		0.50	125.00	426.00
			982269	352.10	353.10	1.00	0.33		0.50	237.00	2307.00
			982271	353.10	354.10	1.00	0.10		0.50	220.00	836.00
			982272	354.10	355.10	1.00	0.13		0.50	153.00	405.00
			982273	355.10	356.10	1.00	0.35		2.00	2259.00	4968.00
			982274	356.10	357.10	1.00	0.19		0.50	208.00	623.00
			982275	357.10	357.60	0.50	0.55		0.50	607.00	3352.00
			982276	357.60	358.30	0.70	0.24		0.50	222.00	571.00
358.30	360.00	BMS, Biotite Muscovite Schist	982277	358.30	359.80	1.50	0.09		0.50	63.00	226.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982165	108.00	109.32	0.0240		0.5000	64.0000	138.0000
982167	109.32	110.32	0.0160		0.5000	38.0000	285.0000
982168	110.32	111.32	0.0110		3.0000	57.0000	385.0000
982169	111.32	112.32	0.0130		0.5000	17.0000	71.0000
982171	112.32	113.15	0.0070		0.5000	24.0000	77.0000

Hole Number: TL11136

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982172	113.15	114.65	0.0340		0.5000	29.0000	315.0000
982173	203.25	203.75	1.1410		1.0000	65.0000	115.0000
982174	204.90	205.55	0.1260		2.0000	127.0000	2025.0000
982175	205.55	206.50	0.3030		2.0000	88.0000	339.0000
982176	206.50	208.00	0.0960		0.5000	44.0000	107.0000
982177	208.00	209.50	0.1610		0.5000	54.0000	358.0000
982178	209.50	210.94	0.2280		1.0000	38.0000	156.0000
982179	210.94	212.00	0.0110		0.5000	20.0000	48.0000
982181	212.00	213.00	0.0080		0.5000	32.0000	49.0000
982182	213.00	214.50	0.0050		0.5000	35.0000	27.0000
982183	214.50	216.00	0.0090		0.5000	40.0000	31.0000
982184	216.00	217.50	0.0070		0.5000	35.0000	173.0000
982185	217.50	219.00	0.0050		0.5000	24.0000	26.0000
982187	219.00	220.47	0.0090		0.5000	21.0000	30.0000
982188	220.47	222.00	0.0170		0.5000	78.0000	144.0000
982189	250.86	252.36	0.6830		4.0000	444.0000	993.0000
982191	252.36	253.86	0.0360		3.0000	63.0000	79.0000
982192	253.86	254.86	0.0160		2.0000	65.0000	367.0000
982193	254.86	255.86	0.0820		3.0000	427.0000	504.0000
982194	255.86	257.36	1.3810		14.0000	1316.0000	4133.0000
982195	257.36	258.55	1.3830		6.0000	357.0000	2047.0000
982196	258.55	259.55	0.6450		10.0000	519.0000	372.0000
982197	259.55	260.55	1.0670		7.0000	227.0000	362.0000
982198	260.55	261.55	0.3190		7.0000	894.0000	2142.0000
982199	261.55	262.05	18.6530	12.8330	33.0000	3711.0000	929.0000
982201	262.05	263.05	0.7270		8.0000	713.0000	2231.0000
982202	263.05	264.46	0.6880		4.0000	197.0000	359.0000
982203	264.46	264.96	14.2660	32.0500	3.0000	28.0000	44.0000
982204	264.96	266.00	0.0880		1.0000	13.0000	22.0000
982205	266.00	267.00	0.9340		1.0000	13.0000	16.0000
982207	267.00	268.50	0.2490		1.0000	11.0000	14.0000
982208	268.50	270.00	0.0670		2.0000	36.0000	27.0000
982209	270.00	271.50	0.0160		1.0000	22.0000	22.0000
982211	271.50	273.00	1.0800		2.0000	89.0000	178.0000
982212	273.00	274.50	1.8430		1.0000	37.0000	67.0000
982213	274.50	275.00	10.1560		2.0000	77.0000	70.0000
982214	275.00	276.00	0.4070		4.0000	298.0000	1839.0000
982215	276.00	277.50	0.0610		2.0000	113.0000	104.0000
982216	277.50	279.00	0.1980		2.0000	335.0000	356.0000

Hole Number: TL11136

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982217	279.00	280.00	0.1900		1.0000	138.0000	166.0000
982218	280.00	280.50	9.9800	7.4860	13.0000	3008.0000	3850.0000
982219	280.50	282.00	1.3420		6.0000	468.0000	658.0000
982221	282.00	283.50	1.8400		5.0000	227.0000	268.0000
982222	283.50	285.00	0.0150		1.0000	24.0000	243.0000
982223	285.00	286.50	0.0150		1.0000	29.0000	51.0000
982224	286.50	288.00	0.1010		2.0000	28.0000	32.0000
982225	288.00	289.50	0.0120		2.0000	25.0000	253.0000
982227	289.50	291.00	0.0290		2.0000	18.0000	90.0000
982228	291.00	292.50	0.0220		2.0000	15.0000	35.0000
982229	292.50	294.00	0.0340		2.0000	13.0000	363.0000
982231	294.00	295.50	0.0150		2.0000	15.0000	63.0000
982232	295.50	297.00	0.0140		1.0000	12.0000	272.0000
982233	297.00	298.50	0.0120		1.0000	10.0000	32.0000
982234	298.50	300.00	0.0180		2.0000	14.0000	125.0000
982235	300.00	301.50	0.0140		1.0000	13.0000	60.0000
982236	301.50	303.00	0.0130		1.0000	11.0000	40.0000
982237	303.00	304.50	0.0130		0.5000	7.0000	30.0000
982238	304.50	306.00	0.0060		1.0000	9.0000	45.0000
982239	306.00	307.50	0.0080		1.0000	10.0000	24.0000
982241	307.50	309.00	0.0140		2.0000	7.0000	42.0000
982242	309.00	310.50	0.0210		2.0000	10.0000	34.0000
982243	310.50	312.00	0.0260		2.0000	10.0000	34.0000
982244	312.00	313.00	0.0130		2.0000	15.0000	49.0000
982245	313.00	314.31	0.0120		2.0000	15.0000	59.0000
982247	314.31	315.81	0.0180		0.5000	33.0000	95.0000
982248	333.58	334.58	0.0860		0.5000	43.0000	78.0000
982249	334.58	336.08	0.0310		0.5000	41.0000	102.0000
982251	336.08	337.08	0.0560		0.5000	23.0000	61.0000
982252	337.08	338.08	0.0890		0.5000	43.0000	111.0000
982253	338.08	339.08	0.1760		0.5000	64.0000	281.0000
982254	339.08	340.08	0.0610		0.5000	66.0000	138.0000
982255	340.08	341.08	0.3800		2.0000	94.0000	790.0000
982256	341.08	342.00	0.0780		0.5000	75.0000	115.0000
982257	342.00	343.00	0.6310		0.5000	55.0000	107.0000
982258	343.00	344.00	0.4030		0.5000	62.0000	83.0000
982259	344.00	345.00	0.1500		0.5000	53.0000	55.0000
982261	345.00	346.00	0.1460		0.5000	56.0000	153.0000
982262	346.00	347.00	0.3650		0.5000	61.0000	50.0000

Hole Number: TL11136

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982263	347.00	348.00	0.0220		0.5000	67.0000	55.0000
982264	348.00	349.00	0.0200		0.5000	62.0000	56.0000
982265	349.00	350.00	0.0350		0.5000	61.0000	55.0000
982267	350.00	351.00	0.2220		0.5000	109.0000	735.0000
982268	351.00	352.10	0.2040		0.5000	125.0000	426.0000
982269	352.10	353.10	0.3260		0.5000	237.0000	2307.0000
982271	353.10	354.10	0.1000		0.5000	220.0000	836.0000
982272	354.10	355.10	0.1270		0.5000	153.0000	405.0000
982273	355.10	356.10	0.3510		2.0000	2259.0000	4968.0000
982274	356.10	357.10	0.1920		0.5000	208.0000	623.0000
982275	357.10	357.60	0.5450		0.5000	607.0000	3352.0000
982276	357.60	358.30	0.2420		0.5000	222.0000	571.0000
982277	358.30	359.80	0.0920		0.5000	63.0000	226.0000
Sample Type	CDUP						
982166	108.00	109.32	0.0250		0.5000	72.0000	157.0000
982186	217.50	219.00	0.0050		0.5000	22.0000	26.0000
982206	266.00	267.00	2.1590		1.0000	11.0000	18.0000
982226	288.00	289.50	0.0140		2.0000	22.0000	164.0000
982246	313.00	314.31	0.0100		1.0000	13.0000	55.0000
982266	349.00	350.00	0.0340		0.5000	61.0000	40.0000

# DETAILED LOG

Hole Number: TL11137

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -63.00
Project Number: TMI-TL	North: 5511919.86	North:	Collar Az: 310.00
Location: Zealand Township	East: 528399.11	East:	Length: 366.00
	Elev: 395.31	Elev:	Start Depth: 0.00
Date Started: Mar 20, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Mar 22, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 366.00

Comments: Main zone from 248.30-310.69 m. 2% disseminated pyrite, 1-2% sphalerite + trace galena + trace chalcopyrite.  
C zone from 336.20-358.90 m.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	309.00	-63.00	EZ Sho	OK		24.00	309.80	-62.70	EZ Sho	OK	
54.00	310.70	-62.40	EZ Sho	OK		105.00	310.80	-61.80	EZ Sho	OK	
150.00	313.60	-60.90	EZ Sho	OK		201.00	315.00	-59.00	EZ Sho	OK	
252.00	313.70	-58.70	EZ Sho	OK		303.00	313.20	-56.40	EZ Sho	OK	
351.00	315.40	-54.90	EZ Sho	OK		366.00	314.30	-54.60	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	6.20	OB, Overburden									
6.20	196.02	BMS, Biotite Muscovite Schist Large BMS zone with intervals of increased sr/si alteration. Little mineralization other than intervals of increase po stringers; trace sph stringers; and trace asp.	983129	194.52	196.02	1.50	0.14		1.00	42.00	83.00
196.02	208.62	MSS, Muscovite Sericite Schist Small hangingwall MSS zone; strong sr alt and weak to moderate si alteration. Little mineralization other than 1% diss. py	983131	196.02	197.00	0.98	0.19		2.00	84.00	378.00
			983132	197.00	198.00	1.00	0.02		0.50	36.00	80.00
			983133	198.00	199.50	1.50	0.07		0.50	15.00	38.00
			983134	199.50	201.00	1.50	0.01		0.50	22.00	20.00
			983135	201.00	202.50	1.50	0.01		0.50	23.00	111.00
			983136	202.50	204.00	1.50	0.01		0.50	19.00	69.00
			983137	204.00	205.50	1.50	0.01		0.50	54.00	58.00
			983138	205.50	207.00	1.50	0.00		0.50	11.00	29.00
			983139	207.00	208.62	1.62	0.00		0.50	15.00	29.00
208.62	248.30	BMS, Biotite Muscovite Schist	983141	208.62	210.12	1.50	0.01		0.50	19.00	62.00
			983142	221.18	222.68	1.50	0.02		0.50	34.00	143.00
			983143	222.68	223.93	1.25	0.09		2.00	298.00	2029.00
			983144	223.93	224.93	1.00	0.02		0.50	34.00	103.00
			983146	224.93	226.43	1.50	0.03		0.50	93.00	264.00
			983145	224.93	226.43	1.50	0.03		1.00	93.00	380.00
			983147	246.80	248.30	1.50	0.48		2.00	87.00	722.00

DETAILED LOG

Hole Number: TL11137

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
248.30	310.69	MSS, Muscovite Sericite Schist	983148	248.30	249.50	1.20	0.99		8.00	789.00	820.00
			983149	249.50	251.00	1.50	0.17		3.00	245.00	594.00
			983151	251.00	252.00	1.00	0.57		18.00	757.00	1553.00
			983152	252.00	253.00	1.00	0.38		3.00	156.00	157.00
			983153	253.00	254.00	1.00	1.71		6.00	561.00	529.00
			983154	254.00	255.50	1.50	4.57		12.00	1218.00	2858.00
			983155	255.50	256.50	1.00	0.63		2.00	162.00	145.00
			983156	256.50	258.00	1.50	0.85		2.00	69.00	218.00
			983157	258.00	259.00	1.00	0.32		0.50	20.00	22.00
			983158	259.00	260.00	1.00	0.13		0.50	12.00	17.00
			983159	260.00	261.00	1.00	0.56		0.50	9.00	19.00
			983161	261.00	262.00	1.00	0.22		0.50	10.00	19.00
			983162	262.00	263.00	1.00	0.08		0.50	13.00	21.00
			983163	263.00	264.00	1.00	6.00	2.99	0.50	17.00	20.00
			983164	264.00	265.50	1.50	1.18		3.00	83.00	2490.00
			983165	265.50	267.00	1.50	2.57		0.50	43.00	102.00
			983166	265.50	267.00	1.50	1.77		0.50	40.00	70.00
			983167	267.00	268.00	1.00	0.04		0.50	52.00	61.00
			983168	268.00	269.00	1.00	0.82		6.00	519.00	1774.00
			983169	269.00	270.00	1.00	0.12		1.00	231.00	331.00
			983171	270.00	271.00	1.00	0.80		2.00	380.00	404.00
			983172	271.00	272.00	1.00	0.87		1.00	292.00	152.00
			983173	272.00	273.00	1.00	0.12		0.50	91.00	165.00
			983174	273.00	274.00	1.00	0.55		1.00	412.00	536.00
			983175	274.00	275.00	1.00	2.94		7.00	1204.00	2987.00
			983176	275.00	276.00	1.00	0.32		0.50	44.00	182.00
			983177	276.00	277.00	1.00	0.04		0.50	24.00	89.00
			983178	277.00	278.00	1.00	0.03		1.00	16.00	64.00
			983179	278.00	279.00	1.00	0.01		0.50	20.00	156.00
			983181	279.00	280.00	1.00	0.01		0.50	13.00	223.00
			983182	280.00	281.00	1.00	0.00		0.50	12.00	63.00
			983183	281.00	282.40	1.40	0.01		0.50	10.00	52.00
			983184	282.40	283.90	1.50	0.01		0.50	12.00	50.00
			983185	283.90	285.40	1.50	0.01		0.50	20.00	114.00
			983186	283.90	285.40	1.50	0.01		0.50	21.00	126.00
			983187	285.40	286.40	1.00	0.00		0.50	18.00	61.00
			983188	286.40	288.00	1.60	0.00		1.00	16.00	44.00
			983189	288.00	289.50	1.50	0.00		0.50	16.00	215.00
			983191	289.50	291.00	1.50	0.01		0.50	13.00	101.00
			983192	291.00	292.50	1.50	0.00		0.50	14.00	199.00
			983193	292.50	294.00	1.50	0.01		0.50	16.00	77.00
			983194	294.00	295.50	1.50	0.01		1.00	21.00	63.00
			983195	295.50	297.00	1.50	0.01		1.00	16.00	36.00

DETAILED LOG

Hole Number: TL11137

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			983196	297.00	298.50	1.50	0.01		0.50	11.00	57.00
			983197	298.50	300.00	1.50	0.00		0.50	11.00	37.00
			983198	300.00	301.50	1.50	0.01		0.50	10.00	31.00
			983199	301.50	303.00	1.50	0.02		0.50	8.00	29.00
			983201	303.00	304.50	1.50	0.04		0.50	10.00	35.00
			983202	304.50	306.00	1.50	0.01		0.50	9.00	54.00
			983203	306.00	307.50	1.50	0.01		0.50	11.00	35.00
			983204	307.50	309.00	1.50	0.01		0.50	13.00	64.00
			983205	309.00	310.69	1.69	0.01		0.50	11.00	79.00
			983206	309.00	310.69	1.69	0.01		0.50	11.00	71.00
310.69	336.20	BMS, Biotite Muscovite Schist	983207	310.69	312.00	1.31	0.01		1.00	17.00	62.00
			983208	334.70	336.20	1.50	0.01		0.50	20.00	48.00
336.20	358.90	MSS, Muscovite Sericite Schist	983209	336.20	337.50	1.30	0.09		1.00	14.00	77.00
			983211	337.50	339.00	1.50	0.07		2.00	68.00	120.00
			983212	339.00	340.00	1.00	0.20		3.00	79.00	169.00
			983213	340.00	341.00	1.00	0.19		2.00	50.00	74.00
			983214	341.00	342.00	1.00	0.12		1.00	43.00	106.00
			983215	342.00	343.00	1.00	0.15		0.50	30.00	150.00
			983216	343.00	344.00	1.00	0.24		0.50	31.00	78.00
			983217	344.00	345.00	1.00	0.41		5.00	57.00	154.00
			983218	345.00	346.00	1.00	0.07		0.50	55.00	88.00
			983219	346.00	347.00	1.00	0.40		1.00	43.00	106.00
			983221	347.00	348.00	1.00	0.04		0.50	33.00	47.00
			983222	348.00	349.00	1.00	0.09		0.50	159.00	139.00
			983223	349.00	350.00	1.00	0.25		2.00	93.00	516.00
			983224	350.00	351.00	1.00	0.23		1.00	111.00	394.00
			983225	351.00	352.00	1.00	0.09		1.00	80.00	122.00
			983226	351.00	352.00	1.00	0.08		0.50	51.00	90.00
			983227	352.00	353.00	1.00	0.06		0.50	41.00	122.00
			983228	353.00	354.00	1.00	0.30		2.00	262.00	2301.00
			983229	354.00	355.00	1.00	0.04		0.50	69.00	620.00
			983231	355.00	356.50	1.50	0.03		0.50	45.00	137.00
			983232	356.50	357.00	0.50	0.10		2.00	4337.00	10622.00
			983233	357.00	358.00	1.00	0.09		0.50	283.00	451.00
			983234	358.00	358.90	0.90	0.71		15.00	1363.00	498.00
358.90	366.00	BMS, Biotite Muscovite Schist	983235	358.90	360.00	1.10	0.14		0.50	66.00	217.00
			983236	360.00	361.10	1.10	0.04		0.50	58.00	286.00
			983237	361.10	361.60	0.50	0.57		3.00	61.00	23565.00
			983238	361.60	363.00	1.40	0.02		1.00	41.00	965.00



Hole Number: TL11137

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983129	194.52	196.02	0.1350		1.0000	42.0000	83.0000
983131	196.02	197.00	0.1860		2.0000	84.0000	378.0000
983132	197.00	198.00	0.0200		0.5000	36.0000	80.0000
983133	198.00	199.50	0.0690		0.5000	15.0000	38.0000
983134	199.50	201.00	0.0110		0.5000	22.0000	20.0000
983135	201.00	202.50	0.0130		0.5000	23.0000	111.0000
983136	202.50	204.00	0.0110		0.5000	19.0000	69.0000
983137	204.00	205.50	0.0130		0.5000	54.0000	58.0000
983138	205.50	207.00	0.0030		0.5000	11.0000	29.0000
983139	207.00	208.62	0.0030		0.5000	15.0000	29.0000
983141	208.62	210.12	0.0130		0.5000	19.0000	62.0000
983142	221.18	222.68	0.0190		0.5000	34.0000	143.0000
983143	222.68	223.93	0.0870		2.0000	298.0000	2029.0000
983144	223.93	224.93	0.0190		0.5000	34.0000	103.0000
983145	224.93	226.43	0.0250		1.0000	93.0000	380.0000
983147	246.80	248.30	0.4770		2.0000	87.0000	722.0000
983148	248.30	249.50	0.9860		8.0000	789.0000	820.0000
983149	249.50	251.00	0.1650		3.0000	245.0000	594.0000
983151	251.00	252.00	0.5680		18.0000	757.0000	1553.0000
983152	252.00	253.00	0.3820		3.0000	156.0000	157.0000
983153	253.00	254.00	1.7140		6.0000	561.0000	529.0000
983154	254.00	255.50	4.5740		12.0000	1218.0000	2858.0000
983155	255.50	256.50	0.6260		2.0000	162.0000	145.0000
983156	256.50	258.00	0.8500		2.0000	69.0000	218.0000
983157	258.00	259.00	0.3230		0.5000	20.0000	22.0000
983158	259.00	260.00	0.1330		0.5000	12.0000	17.0000
983159	260.00	261.00	0.5600		0.5000	9.0000	19.0000
983161	261.00	262.00	0.2220		0.5000	10.0000	19.0000
983162	262.00	263.00	0.0810		0.5000	13.0000	21.0000
983163	263.00	264.00	6.0030	2.9900	0.5000	17.0000	20.0000
983164	264.00	265.50	1.1770		3.0000	83.0000	2490.0000
983165	265.50	267.00	2.5660		0.5000	43.0000	102.0000
983167	267.00	268.00	0.0400		0.5000	52.0000	61.0000
983168	268.00	269.00	0.8170		6.0000	519.0000	1774.0000
983169	269.00	270.00	0.1150		1.0000	231.0000	331.0000
983171	270.00	271.00	0.7950		2.0000	380.0000	404.0000
983172	271.00	272.00	0.8700		1.0000	292.0000	152.0000
983173	272.00	273.00	0.1160		0.5000	91.0000	165.0000
983174	273.00	274.00	0.5500		1.0000	412.0000	536.0000

Hole Number: TL11137

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983175	274.00	275.00	2.9370		7.0000	1204.0000	2987.0000
983176	275.00	276.00	0.3240		0.5000	44.0000	182.0000
983177	276.00	277.00	0.0400		0.5000	24.0000	89.0000
983178	277.00	278.00	0.0250		1.0000	16.0000	64.0000
983179	278.00	279.00	0.0100		0.5000	20.0000	156.0000
983181	279.00	280.00	0.0130		0.5000	13.0000	223.0000
983182	280.00	281.00	0.0040		0.5000	12.0000	63.0000
983183	281.00	282.40	0.0050		0.5000	10.0000	52.0000
983184	282.40	283.90	0.0050		0.5000	12.0000	50.0000
983185	283.90	285.40	0.0090		0.5000	20.0000	114.0000
983187	285.40	286.40	0.0030		0.5000	18.0000	61.0000
983188	286.40	288.00	0.0020		1.0000	16.0000	44.0000
983189	288.00	289.50	0.0010		0.5000	16.0000	215.0000
983191	289.50	291.00	0.0100		0.5000	13.0000	101.0000
983192	291.00	292.50	0.0030		0.5000	14.0000	199.0000
983193	292.50	294.00	0.0050		0.5000	16.0000	77.0000
983194	294.00	295.50	0.0070		1.0000	21.0000	63.0000
983195	295.50	297.00	0.0110		1.0000	16.0000	36.0000
983196	297.00	298.50	0.0070		0.5000	11.0000	57.0000
983197	298.50	300.00	0.0020		0.5000	11.0000	37.0000
983198	300.00	301.50	0.0060		0.5000	10.0000	31.0000
983199	301.50	303.00	0.0180		0.5000	8.0000	29.0000
983201	303.00	304.50	0.0440		0.5000	10.0000	35.0000
983202	304.50	306.00	0.0120		0.5000	9.0000	54.0000
983203	306.00	307.50	0.0120		0.5000	11.0000	35.0000
983204	307.50	309.00	0.0120		0.5000	13.0000	64.0000
983205	309.00	310.69	0.0070		0.5000	11.0000	79.0000
983207	310.69	312.00	0.0080		1.0000	17.0000	62.0000
983208	334.70	336.20	0.0130		0.5000	20.0000	48.0000
983209	336.20	337.50	0.0910		1.0000	14.0000	77.0000
983211	337.50	339.00	0.0710		2.0000	68.0000	120.0000
983212	339.00	340.00	0.2020		3.0000	79.0000	169.0000
983213	340.00	341.00	0.1880		2.0000	50.0000	74.0000
983214	341.00	342.00	0.1170		1.0000	43.0000	106.0000
983215	342.00	343.00	0.1490		0.5000	30.0000	150.0000
983216	343.00	344.00	0.2420		0.5000	31.0000	78.0000
983217	344.00	345.00	0.4070		5.0000	57.0000	154.0000
983218	345.00	346.00	0.0730		0.5000	55.0000	88.0000
983219	346.00	347.00	0.4040		1.0000	43.0000	106.0000

Hole Number: TL11137

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983221	347.00	348.00	0.0440		0.5000	33.0000	47.0000
983222	348.00	349.00	0.0930		0.5000	159.0000	139.0000
983223	349.00	350.00	0.2450		2.0000	93.0000	516.0000
983224	350.00	351.00	0.2260		1.0000	111.0000	394.0000
983225	351.00	352.00	0.0910		1.0000	80.0000	122.0000
983227	352.00	353.00	0.0550		0.5000	41.0000	122.0000
983228	353.00	354.00	0.3030		2.0000	262.0000	2301.0000
983229	354.00	355.00	0.0440		0.5000	69.0000	620.0000
983231	355.00	356.50	0.0320		0.5000	45.0000	137.0000
983232	356.50	357.00	0.1020		2.0000	4337.0000	10622.0000
983233	357.00	358.00	0.0850		0.5000	283.0000	451.0000
983234	358.00	358.90	0.7050		15.0000	1363.0000	498.0000
983235	358.90	360.00	0.1380		0.5000	66.0000	217.0000
983236	360.00	361.10	0.0390		0.5000	58.0000	286.0000
983237	361.10	361.60	0.5680		3.0000	61.0000	23565.0000
983238	361.60	363.00	0.0220		1.0000	41.0000	965.0000
Sample Type	CDUP						
983146	224.93	226.43	0.0260		0.5000	93.0000	264.0000
983166	265.50	267.00	1.7690		0.5000	40.0000	70.0000
983186	283.90	285.40	0.0050		0.5000	21.0000	126.0000
983206	309.00	310.69	0.0090		0.5000	11.0000	71.0000
983226	351.00	352.00	0.0810		0.5000	51.0000	90.0000

# DETAILED LOG

Hole Number: TL11138

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511880.23	North:	Collar Az: 312.00
Location: Zealand Township	East: 528383.42	East:	Length: 419.54
	Elev: 394.24	Elev:	Start Depth: 0.00
Date Started: Mar 22, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Mar 27, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 419.54

Comments: Main zone from 300.78-360.30 m. 1-2% disseminated pyrite with local stringers; trace-2% sphalerite, trace-1% pyrrhotite, galena + chalcopyrite + arsenopyrite.  
C Zone from 394.32-412.40.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	311.00	-65.30	EZ Sho	OK		30.00	311.20	-64.90	EZ Sho	OK	
54.00	311.30	-64.50	EZ Sho	OK		102.00	311.30	-63.90	EZ Sho	OK	
150.00	313.60	-63.10	EZ Sho	OK		201.00	314.70	-62.10	EZ Sho	OK	
225.00	315.50	-62.10	EZ Sho	OK		252.00	315.80	-61.90	EZ Sho	OK	
300.00	314.90	-61.00	EZ Sho	OK		351.00	317.40	-59.30	EZ Sho	OK	
402.00	318.60	-58.00	EZ Sho	OK		419.54	320.00	-57.50	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	9.60	OB, Overburden									
9.60	157.81	BMS, Biotite Muscovite Schist	982278	156.31	157.81	1.50	0.00		0.50	15.00	73.00
157.81	160.44	MSS, Muscovite Sericite Schist	982279	157.81	159.00	1.19	0.00		0.50	9.00	23.00
			982281	159.00	160.44	1.44	0.01		5.00	120.00	243.00
160.44	250.26	BMS, Biotite Muscovite Schist	982282	160.44	162.00	1.56	0.00		0.50	8.00	122.00
250.26	262.32	MSS, Muscovite Sericite Schist	982283	250.26	251.76	1.50	0.01		1.00	24.00	217.00
			982284	251.76	253.26	1.50	0.02		0.50	18.00	219.00
			982286	253.26	254.76	1.50	0.01		1.00	21.00	45.00
			982285	253.26	254.76	1.50	0.01		0.50	22.00	54.00
			982287	254.76	256.26	1.50	0.01		1.00	50.00	131.00
			982288	256.26	257.76	1.50	0.02		0.50	25.00	57.00
			982289	257.76	259.26	1.50	0.01		0.50	10.00	23.00
			982291	259.26	260.76	1.50	0.00		0.50	14.00	23.00
			982292	260.76	262.32	1.56	0.01		2.00	18.00	35.00

DETAILED LOG

Hole Number: TL11138

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
262.32	300.78	BMS, Biotite Muscovite Schist	982293	280.50	282.00	1.50	0.04		2.00	26.00	82.00
			982294	282.00	283.00	1.00	0.06		3.00	34.00	54.00
			982295	283.00	284.40	1.40	0.03		2.00	53.00	84.00
			982296	284.40	284.90	0.50	0.29		6.00	328.00	559.00
			982297	284.90	286.40	1.50	0.03		3.00	70.00	97.00
			982298	286.40	287.68	1.28	0.03		2.00	42.00	87.00
			982299	287.68	288.43	0.75	0.04		2.00	47.00	46.00
			982301	288.43	289.93	1.50	0.06		2.00	24.00	28.00
			982302	289.93	291.50	1.57	0.01		2.00	36.00	38.00
			982303	291.50	293.00	1.50	0.02		2.00	33.00	92.00
			982304	293.00	294.00	1.00	0.74		8.00	111.00	220.00
			982305	294.00	295.25	1.25	0.02		3.00	47.00	64.00
			982306	294.00	295.25	1.25	0.03		3.00	43.00	59.00
			982307	295.25	296.25	1.00	0.33		11.00	1100.00	6108.00
			982308	296.25	297.75	1.50	0.06		2.00	50.00	115.00
		982309	297.75	299.25	1.50	0.61		2.00	24.00	63.00	
		982311	299.25	300.78	1.53	0.03		2.00	122.00	110.00	

DETAILED LOG

Hole Number: TL11138

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
300.78	360.30	MSS, Muscovite Sericite Schist	982312	300.78	302.35	1.57	0.50		3.00	442.00	1287.00
			982313	302.35	303.35	1.00	3.58		53.00	9539.00	16962.00
			982314	303.35	303.90	0.55	1.70		9.00	1069.00	1987.00
			982315	303.90	305.45	1.55	0.30		22.00	4128.00	3326.00
			982316	305.45	306.45	1.00	2.21		29.00	3739.00	9331.00
			982317	306.45	307.90	1.45	1.13		8.00	883.00	990.00
			982318	307.90	309.00	1.10	3.53		21.00	4173.00	7085.00
			982319	309.00	310.00	1.00	0.41		5.00	499.00	1221.00
			982321	310.00	311.50	1.50	1.29		2.00	88.00	184.00
			982322	311.50	313.00	1.50	1.57		2.00	165.00	287.00
			982323	313.00	314.50	1.50	0.15		0.50	30.00	164.00
			982324	314.50	316.00	1.50	0.22		0.50	15.00	253.00
			982325	316.00	317.50	1.50	0.12		0.50	18.00	64.00
			982326	316.00	317.50	1.50	0.12		0.50	17.00	36.00
			982327	317.50	319.00	1.50	0.13		0.50	24.00	51.00
			982328	319.00	320.50	1.50	0.13		0.50	35.00	361.00
			982329	320.50	322.00	1.50	0.12		0.50	93.00	180.00
			982331	322.00	323.50	1.50	0.19		0.50	106.00	104.00
			982332	323.50	325.00	1.50	0.33		0.50	128.00	127.00
			982333	325.00	326.50	1.50	1.35		5.00	331.00	226.00
			982334	326.50	328.00	1.50	0.21		1.00	19.00	35.00
			982335	328.00	329.50	1.50	0.04		2.00	23.00	106.00
			982336	329.50	331.00	1.50	0.01		1.00	13.00	47.00
			982337	331.00	332.50	1.50	0.01		0.50	13.00	40.00
			982338	332.50	334.00	1.50	0.01		0.50	13.00	37.00
			982339	334.00	335.50	1.50	0.01		0.50	7.00	28.00
			982341	335.50	337.00	1.50	0.01		4.00	125.00	240.00
			982342	337.00	338.50	1.50	0.01		0.50	17.00	70.00
			982343	338.50	340.00	1.50	0.01		0.50	12.00	100.00
			982344	340.00	341.50	1.50	0.01		1.00	16.00	26.00
			982345	341.50	343.00	1.50	0.01		0.50	19.00	15.00
			982346	341.50	343.00	1.50	0.01		0.50	16.00	20.00
			982347	343.00	344.50	1.50	0.02		1.00	13.00	125.00
			982348	344.50	346.00	1.50	0.01		2.00	21.00	270.00
			982349	346.00	347.50	1.50	0.01		0.50	19.00	37.00
			982351	347.50	349.00	1.50	0.03		2.00	18.00	827.00
			982352	349.00	349.50	0.50	0.01		0.50	25.00	131.00
			982353	349.50	351.00	1.50	0.01		0.50	13.00	64.00
			982354	351.00	352.50	1.50	0.01		0.50	12.00	20.00
			982355	352.50	354.00	1.50	0.01		1.00	8.00	9.00
			982356	354.00	355.50	1.50	0.01		1.00	11.00	27.00
			982357	355.50	357.00	1.50	0.02		0.50	5.00	29.00
			982358	357.00	358.50	1.50	0.02		0.50	9.00	35.00

# DETAILED LOG

Hole Number: TL11138

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			982359	358.50	359.56	1.06	0.03		0.50	9.00	44.00
			982361	359.56	360.30	0.74	0.02		0.50	15.00	35.00
360.30	394.32	BMS, Biotite Muscovite Schist	982362	393.00	394.32	1.32	0.03		0.50	31.00	66.00
394.32	412.40	MSS, Muscovite Sericite Schist	982363	394.32	395.82	1.50	0.13		1.00	30.00	38.00
			982364	395.82	397.32	1.50	0.11		0.50	29.00	46.00
			982365	397.32	397.82	0.50	0.05		0.50	37.00	54.00
			982366	397.32	397.82	0.50	0.04		0.50	42.00	53.00
			982367	397.82	399.00	1.18	0.72		1.00	57.00	55.00
			982368	399.00	400.50	1.50	0.29		1.00	48.00	68.00
			982369	400.50	402.00	1.50	0.11		0.50	43.00	935.00
			982371	402.00	403.50	1.50	0.09		0.50	52.00	142.00
			982372	403.50	404.50	1.00	0.25		0.50	125.00	3573.00
			982373	404.50	406.00	1.50	0.07		0.50	65.00	159.00
			982374	406.00	407.50	1.50	0.06		0.50	100.00	138.00
			982375	407.50	408.50	1.00	0.12		0.50	166.00	971.00
			982376	408.50	409.50	1.00	0.36		5.00	3134.00	4946.00
			982377	409.50	411.00	1.50	0.03		0.50	45.00	84.00
			982378	411.00	412.40	1.40	0.03		2.00	129.00	310.00
412.40	419.54	BMS, Biotite Muscovite Schist	982379	412.40	413.90	1.50	0.03		0.50	38.00	92.00
			982381	413.90	415.40	1.50	0.05		1.00	40.00	188.00
			982382	415.40	416.90	1.50	0.02		1.00	82.00	344.00
			982383	416.90	418.40	1.50	0.01		0.50	69.00	1150.00
			982384	418.40	419.54	1.14	0.03		0.50	53.00	428.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982278	156.31	157.81	0.0030		0.5000	15.0000	73.0000
982279	157.81	159.00	0.0010		0.5000	9.0000	23.0000
982281	159.00	160.44	0.0080		5.0000	120.0000	243.0000
982282	160.44	162.00	0.0005		0.5000	8.0000	122.0000
982283	250.26	251.76	0.0050		1.0000	24.0000	217.0000
982284	251.76	253.26	0.0170		0.5000	18.0000	219.0000
982285	253.26	254.76	0.0080		0.5000	22.0000	54.0000
982287	254.76	256.26	0.0140		1.0000	50.0000	131.0000
982288	256.26	257.76	0.0230		0.5000	25.0000	57.0000
982289	257.76	259.26	0.0090		0.5000	10.0000	23.0000
982291	259.26	260.76	0.0005		0.5000	14.0000	23.0000
982292	260.76	262.32	0.0070		2.0000	18.0000	35.0000
982293	280.50	282.00	0.0380		2.0000	26.0000	82.0000
982294	282.00	283.00	0.0560		3.0000	34.0000	54.0000

Hole Number: TL11138

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982295	283.00	284.40	0.0270		2.0000	53.0000	84.0000
982296	284.40	284.90	0.2890		6.0000	328.0000	559.0000
982297	284.90	286.40	0.0300		3.0000	70.0000	97.0000
982298	286.40	287.68	0.0280		2.0000	42.0000	87.0000
982299	287.68	288.43	0.0360		2.0000	47.0000	46.0000
982301	288.43	289.93	0.0560		2.0000	24.0000	28.0000
982302	289.93	291.50	0.0110		2.0000	36.0000	38.0000
982303	291.50	293.00	0.0230		2.0000	33.0000	92.0000
982304	293.00	294.00	0.7350		8.0000	111.0000	220.0000
982305	294.00	295.25	0.0240		3.0000	47.0000	64.0000
982307	295.25	296.25	0.3250		11.0000	1100.0000	6108.0000
982308	296.25	297.75	0.0620		2.0000	50.0000	115.0000
982309	297.75	299.25	0.6120		2.0000	24.0000	63.0000
982311	299.25	300.78	0.0340		2.0000	122.0000	110.0000
982312	300.78	302.35	0.4980		3.0000	442.0000	1287.0000
982313	302.35	303.35	3.5790		53.0000	9539.0000	16962.0000
982314	303.35	303.90	1.7040		9.0000	1069.0000	1987.0000
982315	303.90	305.45	0.3010		22.0000	4128.0000	3326.0000
982316	305.45	306.45	2.2140		29.0000	3739.0000	9331.0000
982317	306.45	307.90	1.1280		8.0000	883.0000	990.0000
982318	307.90	309.00	3.5330		21.0000	4173.0000	7085.0000
982319	309.00	310.00	0.4140		5.0000	499.0000	1221.0000
982321	310.00	311.50	1.2870		2.0000	88.0000	184.0000
982322	311.50	313.00	1.5650		2.0000	165.0000	287.0000
982323	313.00	314.50	0.1490		0.5000	30.0000	164.0000
982324	314.50	316.00	0.2180		0.5000	15.0000	253.0000
982325	316.00	317.50	0.1190		0.5000	18.0000	64.0000
982327	317.50	319.00	0.1270		0.5000	24.0000	51.0000
982328	319.00	320.50	0.1320		0.5000	35.0000	361.0000
982329	320.50	322.00	0.1200		0.5000	93.0000	180.0000
982331	322.00	323.50	0.1870		0.5000	106.0000	104.0000
982332	323.50	325.00	0.3270		0.5000	128.0000	127.0000
982333	325.00	326.50	1.3450		5.0000	331.0000	226.0000
982334	326.50	328.00	0.2080		1.0000	19.0000	35.0000
982335	328.00	329.50	0.0380		2.0000	23.0000	106.0000
982336	329.50	331.00	0.0070		1.0000	13.0000	47.0000
982337	331.00	332.50	0.0090		0.5000	13.0000	40.0000
982338	332.50	334.00	0.0090		0.5000	13.0000	37.0000
982339	334.00	335.50	0.0090		0.5000	7.0000	28.0000



Hole Number: TL11138

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982341	335.50	337.00	0.0120		4.0000	125.0000	240.0000
982342	337.00	338.50	0.0070		0.5000	17.0000	70.0000
982343	338.50	340.00	0.0140		0.5000	12.0000	100.0000
982344	340.00	341.50	0.0060		1.0000	16.0000	26.0000
982345	341.50	343.00	0.0060		0.5000	19.0000	15.0000
982347	343.00	344.50	0.0200		1.0000	13.0000	125.0000
982348	344.50	346.00	0.0080		2.0000	21.0000	270.0000
982349	346.00	347.50	0.0060		0.5000	19.0000	37.0000
982351	347.50	349.00	0.0300		2.0000	18.0000	827.0000
982352	349.00	349.50	0.0140		0.5000	25.0000	131.0000
982353	349.50	351.00	0.0080		0.5000	13.0000	64.0000
982354	351.00	352.50	0.0080		0.5000	12.0000	20.0000
982355	352.50	354.00	0.0060		1.0000	8.0000	9.0000
982356	354.00	355.50	0.0070		1.0000	11.0000	27.0000
982357	355.50	357.00	0.0150		0.5000	5.0000	29.0000
982358	357.00	358.50	0.0160		0.5000	9.0000	35.0000
982359	358.50	359.56	0.0250		0.5000	9.0000	44.0000
982361	359.56	360.30	0.0190		0.5000	15.0000	35.0000
982362	393.00	394.32	0.0310		0.5000	31.0000	66.0000
982363	394.32	395.82	0.1250		1.0000	30.0000	38.0000
982364	395.82	397.32	0.1090		0.5000	29.0000	46.0000
982365	397.32	397.82	0.0460		0.5000	37.0000	54.0000
982367	397.82	399.00	0.7170		1.0000	57.0000	55.0000
982368	399.00	400.50	0.2920		1.0000	48.0000	68.0000
982369	400.50	402.00	0.1110		0.5000	43.0000	935.0000
982371	402.00	403.50	0.0880		0.5000	52.0000	142.0000
982372	403.50	404.50	0.2480		0.5000	125.0000	3573.0000
982373	404.50	406.00	0.0670		0.5000	65.0000	159.0000
982374	406.00	407.50	0.0570		0.5000	100.0000	138.0000
982375	407.50	408.50	0.1240		0.5000	166.0000	971.0000
982376	408.50	409.50	0.3560		5.0000	3134.0000	4946.0000
982377	409.50	411.00	0.0310		0.5000	45.0000	84.0000
982378	411.00	412.40	0.0290		2.0000	129.0000	310.0000
982379	412.40	413.90	0.0320		0.5000	38.0000	92.0000
982381	413.90	415.40	0.0480		1.0000	40.0000	188.0000
982382	415.40	416.90	0.0220		1.0000	82.0000	344.0000
982383	416.90	418.40	0.0050		0.5000	69.0000	1150.0000
982384	418.40	419.54	0.0310		0.5000	53.0000	428.0000

Hole Number: TL11138

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	CDUP						
982286	253.26	254.76	0.0070		1.0000	21.0000	45.0000
982306	294.00	295.25	0.0260		3.0000	43.0000	59.0000
982326	316.00	317.50	0.1190		0.5000	17.0000	36.0000
982346	341.50	343.00	0.0060		0.5000	16.0000	20.0000
982366	397.32	397.82	0.0350		0.5000	42.0000	53.0000

# DETAILED LOG

Hole Number: TL11139

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511785.17	North:	Collar Az: 360.00
Location: Zealand Township	East: 528255.23	East:	Length: 438.00
	Elev: 393.49	Elev:	Start Depth: 0.00
Date Started: Mar 24, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Mar 28, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 438.00

Comments: Main zone from 328.64-356.04 m. 1% disseminated pyrite + trace phalerite, galena, and pyrrhotite.  
 C zone from 391.14-418.00 m. Pyrite + trace sphalerite, galena, chalcopyrite + pyrrhotite.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	353.00	-66.50	EZ Sho	OK		24.00	353.30	-65.10	EZ Sho	OK	
54.00	353.00	-63.00	EZ Sho	OK		102.00	350.60	-61.10	EZ Sho	OK	
156.00	351.10	-59.50	EZ Sho	OK		177.00	351.30	-59.10	EZ Sho	OK	
204.00	350.40	-58.10	EZ Sho	OK		250.00	349.80	-55.90	EZ Sho	OK	
438.00	347.20	-49.00	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	10.50	OB, Overburden									
10.50	27.75	BS, Biotite Schist									
27.75	271.79	BMS, Biotite Muscovite Schist	983239	270.29	271.79	1.50	0.04		0.50	44.00	120.00
271.79	289.76	MSS, Muscovite Sericite Schist	983241	271.79	273.29	1.50	0.02		0.50	42.00	91.00
			983242	273.29	274.79	1.50	0.01		0.50	15.00	48.00
			983243	274.79	276.16	1.37	0.18		0.50	20.00	104.00
			983244	276.16	277.66	1.50	0.00		0.50	18.00	23.00
			983246	277.66	279.16	1.50	0.01		0.50	11.00	25.00
			983245	277.66	279.16	1.50	0.01		0.50	13.00	59.00
			983247	279.16	280.66	1.50	0.00		0.50	19.00	83.00
			983248	280.66	282.16	1.50	0.01		0.50	25.00	85.00
			983249	282.16	283.66	1.50	0.01		0.50	22.00	43.00
			983251	283.66	285.16	1.50	0.01		0.50	24.00	77.00
			983252	285.16	286.66	1.50	0.01		0.50	26.00	36.00
			983253	286.66	288.16	1.50	0.01		0.50	13.00	29.00
			983254	288.16	289.26	1.10	0.00		0.50	14.00	28.00
			983255	289.26	289.76	0.50	0.00		0.50	19.00	43.00
289.76	328.64	BMS, Biotite Muscovite Schist	983256	289.76	291.26	1.50	0.01		0.50	22.00	55.00
			983257	327.14	328.64	1.50	0.29		8.00	109.00	192.00

DETAILED LOG

Hole Number: TL11139

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
328.64	356.04	MSS, Muscovite Sericite Schist	983258	328.64	330.00	1.36	2.42		15.00	402.00	874.00
			983259	330.00	331.00	1.00	6.03	10.47	68.00	2623.00	6641.00
			983261	331.00	332.50	1.50	4.56		45.00	482.00	783.00
			983262	332.50	334.00	1.50	3.39		13.00	115.00	412.00
			983263	334.00	334.83	0.83	1.06		13.00	249.00	275.00
			983264	334.83	336.25	1.42	1.36		9.00	428.00	1765.00
			983266	336.25	337.75	1.50	0.91		18.00	451.00	356.00
			983265	336.25	337.75	1.50	0.91		16.00	366.00	337.00
			983267	337.75	339.25	1.50	0.04		0.50	32.00	44.00
			983268	339.25	340.75	1.50	0.01		0.50	23.00	50.00
			983269	340.75	342.25	1.50	0.01		0.50	24.00	34.00
			983271	342.25	343.75	1.50	0.01		2.00	56.00	110.00
			983272	343.75	345.25	1.50	0.01		0.50	23.00	112.00
			983273	345.25	346.75	1.50	0.00		0.50	14.00	41.00
			983274	346.75	348.25	1.50	0.00		0.50	6.00	32.00
			983275	348.25	349.75	1.50	0.00		0.50	13.00	38.00
			983276	349.75	351.12	1.37	0.01		0.50	16.00	65.00
			983277	351.12	352.26	1.14	0.00		0.50	13.00	28.00
			983278	352.26	353.04	0.78	0.01		0.50	18.00	39.00
			983279	353.04	354.54	1.50	0.09		10.00	43.00	231.00
983281	354.54	356.04	1.50	0.03		11.00	39.00	118.00			
356.04	391.14	BMS, Biotite Muscovite Schist	983282	356.04	357.54	1.50	0.18		12.00	31.00	51.00
			983283	389.64	391.14	1.50	0.03		0.50	33.00	84.00

DETAILED LOG

Hole Number: TL11139

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
391.14	418.00	MSS, Muscovite Sericite Schist	983284	391.14	392.64	1.50	0.02		0.50	16.00	52.00
			983285	392.64	394.06	1.42	0.01		0.50	18.00	52.00
			983286	392.64	394.06	1.42	0.01		0.50	23.00	56.00
			983287	394.06	394.83	0.77	0.01		0.50	21.00	47.00
			983288	394.83	396.33	1.50	0.02		0.50	10.00	39.00
			983289	396.33	397.25	0.92	0.02		0.50	39.00	113.00
			983291	397.25	398.00	0.75	0.06		0.50	30.00	97.00
			983292	398.00	399.50	1.50	0.24		0.50	41.00	49.00
			983293	399.50	401.00	1.50	0.07		0.50	45.00	86.00
			983294	401.00	402.50	1.50	0.10		0.50	43.00	177.00
			983295	402.50	404.00	1.50	0.68		4.00	124.00	901.00
			983296	404.00	405.50	1.50	0.05		0.50	38.00	255.00
			983297	405.50	407.00	1.50	0.14		0.50	78.00	879.00
			983298	407.00	407.50	0.50	3.41		83.00	3388.00	12035.00
			983299	407.50	408.50	1.00	0.11		1.00	233.00	671.00
			983301	408.50	409.94	1.44	0.08		0.50	217.00	557.00
			983302	409.94	410.50	0.56	0.04		0.50	59.00	139.00
			983303	410.50	411.00	0.50	0.45		2.00	510.00	1642.00
			983304	411.00	412.50	1.50	0.03		0.50	39.00	310.00
			983306	412.50	414.00	1.50	0.03		0.50	46.00	232.00
		983305	412.50	414.00	1.50	0.07		0.50	51.00	183.00	
		983307	414.00	415.50	1.50	0.04		0.50	54.00	101.00	
		983308	415.50	417.00	1.50	0.41		0.50	189.00	766.00	
		983309	417.00	418.00	1.00	0.03		0.50	41.00	143.00	
418.00	438.00	BMS, Biotite Muscovite Schist	983311	418.00	419.47	1.47	0.01		0.50	31.00	465.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983239	270.29	271.79	0.0370		0.5000	44.0000	120.0000
983241	271.79	273.29	0.0240		0.5000	42.0000	91.0000
983242	273.29	274.79	0.0110		0.5000	15.0000	48.0000
983243	274.79	276.16	0.1750		0.5000	20.0000	104.0000
983244	276.16	277.66	0.0040		0.5000	18.0000	23.0000
983245	277.66	279.16	0.0060		0.5000	13.0000	59.0000
983247	279.16	280.66	0.0040		0.5000	19.0000	83.0000
983248	280.66	282.16	0.0100		0.5000	25.0000	85.0000
983249	282.16	283.66	0.0090		0.5000	22.0000	43.0000
983251	283.66	285.16	0.0120		0.5000	24.0000	77.0000
983252	285.16	286.66	0.0080		0.5000	26.0000	36.0000
983253	286.66	288.16	0.0060		0.5000	13.0000	29.0000

Hole Number: TL11139

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983254	288.16	289.26	0.0020		0.5000	14.0000	28.0000
983255	289.26	289.76	0.0040		0.5000	19.0000	43.0000
983256	289.76	291.26	0.0110		0.5000	22.0000	55.0000
983257	327.14	328.64	0.2860		8.0000	109.0000	192.0000
983258	328.64	330.00	2.4180		15.0000	402.0000	874.0000
983259	330.00	331.00	6.0250	10.4710	68.0000	2623.0000	6641.0000
983261	331.00	332.50	4.5550		45.0000	482.0000	783.0000
983262	332.50	334.00	3.3890		13.0000	115.0000	412.0000
983263	334.00	334.83	1.0630		13.0000	249.0000	275.0000
983264	334.83	336.25	1.3630		9.0000	428.0000	1765.0000
983265	336.25	337.75	0.9050		16.0000	366.0000	337.0000
983267	337.75	339.25	0.0360		0.5000	32.0000	44.0000
983268	339.25	340.75	0.0120		0.5000	23.0000	50.0000
983269	340.75	342.25	0.0090		0.5000	24.0000	34.0000
983271	342.25	343.75	0.0050		2.0000	56.0000	110.0000
983272	343.75	345.25	0.0100		0.5000	23.0000	112.0000
983273	345.25	346.75	0.0005		0.5000	14.0000	41.0000
983274	346.75	348.25	0.0005		0.5000	6.0000	32.0000
983275	348.25	349.75	0.0030		0.5000	13.0000	38.0000
983276	349.75	351.12	0.0050		0.5000	16.0000	65.0000
983277	351.12	352.26	0.0010		0.5000	13.0000	28.0000
983278	352.26	353.04	0.0050		0.5000	18.0000	39.0000
983279	353.04	354.54	0.0910		10.0000	43.0000	231.0000
983281	354.54	356.04	0.0340		11.0000	39.0000	118.0000
983282	356.04	357.54	0.1770		12.0000	31.0000	51.0000
983283	389.64	391.14	0.0320		0.5000	33.0000	84.0000
983284	391.14	392.64	0.0150		0.5000	16.0000	52.0000
983285	392.64	394.06	0.0080		0.5000	18.0000	52.0000
983287	394.06	394.83	0.0070		0.5000	21.0000	47.0000
983288	394.83	396.33	0.0200		0.5000	10.0000	39.0000
983289	396.33	397.25	0.0180		0.5000	39.0000	113.0000
983291	397.25	398.00	0.0610		0.5000	30.0000	97.0000
983292	398.00	399.50	0.2410		0.5000	41.0000	49.0000
983293	399.50	401.00	0.0680		0.5000	45.0000	86.0000
983294	401.00	402.50	0.0980		0.5000	43.0000	177.0000
983295	402.50	404.00	0.6790		4.0000	124.0000	901.0000
983296	404.00	405.50	0.0520		0.5000	38.0000	255.0000
983297	405.50	407.00	0.1440		0.5000	78.0000	879.0000
983298	407.00	407.50	3.4060		83.0000	3388.0000	12035.0000

Hole Number: TL11139

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983299	407.50	408.50	0.1140		1.0000	233.0000	671.0000
983301	408.50	409.94	0.0750		0.5000	217.0000	557.0000
983302	409.94	410.50	0.0420		0.5000	59.0000	139.0000
983303	410.50	411.00	0.4540		2.0000	510.0000	1642.0000
983304	411.00	412.50	0.0280		0.5000	39.0000	310.0000
983305	412.50	414.00	0.0700		0.5000	51.0000	183.0000
983307	414.00	415.50	0.0370		0.5000	54.0000	101.0000
983308	415.50	417.00	0.4050		0.5000	189.0000	766.0000
983309	417.00	418.00	0.0260		0.5000	41.0000	143.0000
983311	418.00	419.47	0.0120		0.5000	31.0000	465.0000
Sample Type	CDUP						
983246	277.66	279.16	0.0090		0.5000	11.0000	25.0000
983266	336.25	337.75	0.9130		18.0000	451.0000	356.0000
983286	392.64	394.06	0.0060		0.5000	23.0000	56.0000
983306	412.50	414.00	0.0330		0.5000	46.0000	232.0000

# DETAILED LOG

Hole Number: TL11140

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -68.00
Project Number: TMI-TL	North: 5511882.18	North:	Collar Az: 306.00
Location: Zealand Township	East: 528354.96	East:	Length: 440.50
	Elev: 393.98	Elev:	Start Depth: 0.00
Date Started: Mar 28, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Mar 30, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 440.50

Comments: Main zone from 296.00-358.37 m. 1-2% pyrite + trace sphalerite, galena + chalcopyrite.  
 C zone from 392.63-408.51 m. 1-2% pyrite + trace sph, pb, cp + po.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	306.00	-68.00	EZ Sho	OK		27.00	307.90	-67.30	EZ Sho	OK	
51.00	309.60	-66.90	EZ Sho	OK		102.00	312.10	-66.20	EZ Sho	OK	
150.00	313.30	-65.40	EZ Sho	OK		201.00	313.10	-64.90	EZ Sho	OK	
252.00	313.60	-63.80	EZ Sho	OK		303.00	315.10	-62.30	EZ Sho	OK	
351.00	315.60	-60.70	EZ Sho	OK		408.00	316.20	-58.50	EZ Sho	OK	
420.00	316.90	-58.40	EZ Sho	OK		440.50	317.50	-58.30	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	9.60	OB, Overburden									
9.60	146.11	BMS, Biotite Muscovite Schist									
146.11	153.42	MSS, Muscovite Sericite Schist	982385	146.11	147.61	1.50	0.00		0.50	13.00	59.00
		Weakly mineralized interval with trace py and galena. 90% ser 10% bio. Foliation mostly 45 deg TCA with deformation of foliation around the couple qtz veins at 148 and 151.3 and fracture at 148.53.	982386	146.11	147.61	1.50	0.00		0.50	8.00	44.00
			982387	147.61	149.11	1.50	0.00		0.50	16.00	55.00
			982388	149.11	150.61	1.50	0.00		0.50	11.00	34.00
			982389	150.61	152.11	1.50	0.00		0.50	13.00	39.00
			982391	152.11	153.42	1.31	0.02		0.50	24.00	65.00
153.42	184.78	BMS, Biotite Muscovite Schist	982392	153.42	154.92	1.50	0.02		0.50	15.00	100.00
		Typical BMS interval with 95% bio and 5% ser. Chl altn band as well as replacement of another mineral so that the chl blebs are parallel to foliation. Qtz and qtz carbonate veins present; many parallel to foliation; other sets cross-cutting foliation at 80 deg TCA and some at various orientations cross-cutting foliation. Mineralization of py; po; and sph is in trace amounts except at 161.39-161.79 where py incr to 2-3%.	982393	183.41	184.78	1.37	0.02		0.50	11.00	93.00



DETAILED LOG

Hole Number: TL11140

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
184.78	204.93	MSS, Muscovite Sericite Schist Weakly mineralized MSS. Trace py and sph. Uncommon qtz veins. Foliation has an orientation of 35-40 deg TCA and is locally deformed around some fractures and qtz veins. Section of abundant micro-fracturing at 203.30-203.75 with many extension fractures radiating from them.	982394	184.78	186.28	1.50	0.02		0.50	24.00	63.00
			982395	186.28	187.78	1.50	0.01		0.50	19.00	36.00
			982396	187.78	189.28	1.50	0.00		0.50	5.00	22.00
			982397	189.28	190.78	1.50	0.00		0.50	3.00	18.00
			982398	190.78	192.28	1.50	0.01		0.50	3.00	15.00
			982399	192.28	193.78	1.50	0.01		0.50	7.00	13.00
			982401	193.78	195.28	1.50	0.00		4.00	119.00	179.00
			982402	195.28	196.78	1.50	0.01		0.50	6.00	43.00
			982403	196.78	198.28	1.50	0.01		0.50	8.00	81.00
			982404	198.28	199.78	1.50	0.01		0.50	13.00	114.00
			982405	199.78	201.28	1.50	0.04		0.50	20.00	123.00
			982406	199.78	201.28	1.50	0.04		0.50	20.00	113.00
			982407	201.28	202.78	1.50	0.03		0.50	22.00	71.00
			982408	202.78	204.28	1.50	0.06		0.50	41.00	49.00
982409	204.28	204.93	0.65	0.05		0.50	40.00	26.00			
204.93	242.30	BMS, Biotite Muscovite Schist Typical BMS unit with 85% bio and 15% ser. Foliation very consistent at 40 deg TCA. Shallows locally around some qtz veins and is deformed near some veins. Common qtz veins with chl altn around many. Uncommon chl bands everywhere else. Trace to 1% py as well as trace sph and galena. Possible ankerite at 214.9.	982411	204.93	206.43	1.50	0.01		0.50	26.00	60.00
			982412	240.80	242.30	1.50	0.15		0.50	45.00	102.00
242.30	257.03	MSS, Muscovite Sericite Schist Generally a highly sericitized MSS with one section of increased bio content from 248.49-250.68. Consistent foliation throughout at 40 deg TCA. Poorly mineralized with only trace py and sph.	982413	242.30	243.80	1.50	0.01		0.50	21.00	59.00
			982414	243.80	245.30	1.50	0.01		0.50	20.00	82.00
			982415	245.30	246.80	1.50	0.01		0.50	24.00	37.00
			982416	246.80	248.30	1.50	0.01		0.50	14.00	49.00
			982417	248.30	249.80	1.50	0.02		0.50	19.00	64.00
			982418	249.80	250.68	0.88	0.03		0.50	22.00	108.00
			982419	250.68	252.18	1.50	0.01		0.50	20.00	80.00
			982421	252.18	253.68	1.50	1.14		0.50	22.00	24.00
			982422	253.68	255.18	1.50	6.12	9.05	0.50	76.00	203.00
			982423	255.18	256.18	1.00	0.15		0.50	82.00	167.00
			982424	256.18	257.03	0.85	0.01		0.50	20.00	44.00
257.03	296.00	BMS, Biotite Muscovite Schist Fine to medium grained BMS with a fairly consistent foliation of 35-40 deg TCA. Beginning of interval has a bleached and 'grainier' appearance as if something has been dissolved out and possibly replaced by carbonates. Weak chl/epidote altn throughout with only a couple small bands. Common qtz veins and sporadic fracturing throughout. Trace py and sph.	982425	257.03	258.53	1.50	0.01		0.50	14.00	37.00
			982426	257.03	258.53	1.50	0.01		0.50	16.00	42.00
			982427	294.50	296.00	1.50	0.10		0.50	74.00	126.00

# DETAILED LOG

Hole Number: TL11140

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
296.00	358.37	MSS, Muscovite Sericite Schist	982428	296.00	297.00	1.00	5.63	3.87	25.00	3373.00	3617.00
		Fine-grained; nicely mineralized MSS. Consistent foliation of 40 deg TCA until about 339 where it steepens to 45-50 deg TCA. A section from 301.3-304.29 is silicified to a greater degree than the rest and has common ch bands which aren't present earlier. Common qtz veins with a massive ones at 296.51-297 and 357.78-358.37. Five F2 fold seen throughout the interval. Py mineralization as high as 4-5% from 296-297m and 333.77-334.07m. Common sph stringers with 1% seen up to 304m and again at 326.-326.35 with possible ankerite? Galena blebs can be found up to 2% from 297-301.3m. Trace amounts of py; sph; and galena found throughout. Trace cp from 296-324.	982429	297.00	298.00	1.00	4.01		8.00	1451.00	3341.00
			982431	298.00	299.00	1.00	0.75		3.00	402.00	805.00
			982432	299.00	300.00	1.00	0.93		26.00	3366.00	3331.00
			982433	300.00	301.30	1.30	0.31		4.00	723.00	3561.00
			982434	301.30	302.50	1.20	0.65		18.00	2792.00	3551.00
			982435	302.50	304.00	1.50	0.38		5.00	799.00	1645.00
			982436	304.00	305.00	1.00	0.30		2.00	340.00	600.00
			982437	305.00	306.00	1.00	0.55		2.00	1038.00	1295.00
			982438	306.00	307.50	1.50	0.59		1.00	212.00	409.00
			982439	307.50	308.50	1.00	2.02		10.00	609.00	1264.00
			982441	308.50	309.50	1.00	3.92		11.00	1111.00	2848.00
			982442	309.50	310.50	1.00	1.89		6.00	871.00	1993.00
			982443	310.50	312.00	1.50	7.15	5.86	22.00	672.00	869.00
			982444	312.00	313.50	1.50	1.85		6.00	640.00	829.00
			982446	313.50	315.00	1.50	0.62		5.00	434.00	1038.00
			982445	313.50	315.00	1.50	1.23		10.00	756.00	1169.00
			982447	315.00	316.50	1.50	20.15	20.69	17.00	693.00	701.00
			982448	316.50	318.00	1.50	0.78		5.00	117.00	168.00
			982449	318.00	319.35	1.35	0.42		5.00	99.00	155.00
			982451	319.35	320.85	1.50	1.27		11.00	67.00	173.00
			982452	320.85	322.00	1.15	0.08		2.00	28.00	64.00
			982453	322.00	323.00	1.00	0.08		2.00	20.00	71.00
			982454	323.00	324.00	1.00	0.13		3.00	23.00	83.00
			982455	324.00	325.50	1.50	0.27		3.00	27.00	38.00
			982456	325.50	327.00	1.50	0.04		2.00	24.00	2242.00
		982457	327.00	328.50	1.50	0.01		0.50	17.00	63.00	
		982458	328.50	330.00	1.50	0.01		0.50	16.00	35.00	
		982459	330.00	331.50	1.50	0.01		1.00	7.00	57.00	
		982461	331.50	333.00	1.50	0.01		0.50	6.00	52.00	
		982462	333.00	334.20	1.20	0.02		0.50	9.00	82.00	
		982463	334.20	335.50	1.30	0.01		0.50	7.00	95.00	
		982464	335.50	337.00	1.50	0.01		0.50	9.00	92.00	
		982466	337.00	338.50	1.50	0.01		0.50	10.00	42.00	
		982465	337.00	338.50	1.50	0.01		0.50	13.00	30.00	
		982467	338.50	340.00	1.50	0.00		0.50	16.00	62.00	
		982468	340.00	341.50	1.50	0.01		0.50	8.00	40.00	
		982469	341.50	343.00	1.50	0.00		0.50	8.00	46.00	
		982471	343.00	344.50	1.50	0.01		0.50	12.00	51.00	
		982472	344.50	346.00	1.50	0.01		0.50	13.00	41.00	
		982473	346.00	347.50	1.50	0.01		0.50	9.00	40.00	
		982474	347.50	348.50	1.00	0.01		0.50	9.00	75.00	
		982475	348.50	350.00	1.50	0.01		0.50	12.00	44.00	

DETAILED LOG

Hole Number: TL11140

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			982476	350.00	351.50	1.50	0.01		0.50	10.00	20.00
			982477	351.50	353.00	1.50	0.01		0.50	11.00	27.00
			982478	353.00	354.50	1.50	0.01		0.50	13.00	11.00
			982479	354.50	356.00	1.50	0.00		0.50	11.00	20.00
			982481	356.00	357.50	1.50	0.00		0.50	8.00	34.00
			982482	357.50	358.37	0.87	0.00		0.50	8.00	24.00
358.37	392.63	BMS, Biotite Muscovite Schist Typical fine grained BMS with a foliation of 45-50 deg TCA. Multiple fracture sets at 15-20 deg TCA; crosscutting foliation at 55 deg TCA and a third parallel to foliation. Two F2 folds with orientations of 13 and 35 deg TCA. Massive qtz veins at 365.14-365.56m and 374.74-375.15m. Common ch bands 1-3cm wide; many are present with sulph stringers. 1-2% py stringers with trace galena blebs.	982483	358.37	359.30	0.93	0.01		0.50	17.00	42.00
			982484	359.30	360.00	0.70	0.00		0.50	16.00	37.00
			982485	360.00	361.50	1.50	0.01		0.50	19.00	50.00
			982486	360.00	361.50	1.50	0.01		1.00	11.00	50.00
			982487	361.50	363.00	1.50	0.02		1.00	30.00	73.00
			982488	363.00	364.50	1.50	0.02		0.50	57.00	65.00
			982489	364.50	366.00	1.50	0.01		1.00	14.00	46.00
			982491	391.13	392.63	1.50	0.01		0.50	15.00	55.00
392.63	408.51	MSS, Muscovite Sericite Schist Typical 'C' zone with gradational upper and lower contacts. Fine grained and foliated at 40-45 deg TCA. Two sections of micro-faulting at 393.9-394.27m and 407.44-407.53m. One true fault zone at 398.65-399.67m with abundant poorly lithified fault gauge. Fracturing at the typical angles of 30 deg TCA; parallel to foliation; and crosscutting foliation at 60 deg TCA. Weak ch altn but well sericitized throughout; especially in the fault zone. Fairly well mineralized with 1-2% diss py with common stringers. Trace amounts of galena; cp; po; and sph.	982492	392.63	394.13	1.50	0.09		0.50	39.00	148.00
			982493	394.13	395.63	1.50	0.61		7.00	346.00	1077.00
			982494	395.63	397.13	1.50	0.03		1.00	38.00	54.00
			982495	397.13	398.63	1.50	0.19		0.50	62.00	148.00
			982496	398.63	400.32	1.69	0.11		0.50	44.00	58.00
			982497	400.32	401.82	1.50	0.07		0.50	37.00	171.00
			982498	401.82	402.81	0.99	0.64		2.00	153.00	2221.00
			982499	402.81	403.84	1.03	0.04		0.50	33.00	126.00
			1007001	403.84	405.34	1.50	0.32		0.50	89.00	635.00
			1007002	405.34	407.44	2.10	0.56		1.00	72.00	2295.00
			1007003	407.44	408.51	1.07	0.03		0.50	157.00	250.00
408.51	440.50	BMS, Biotite Muscovite Schist Typical fine to medium grained BMS with foliation 45-50 deg TCA. Upper contact gradational from the MSS. Minor micro-fault zones at 416.24-416.32m; 419.83-419.87m; and 421.01-424.03m. Minor boudinaging/deformation of foliation around ch bands. Typical fracture sets at 30-40 deg TCA; crosscutting foliation at 60 deg TCA and parallel to foliation. Sericitization ranges from 30% ser in the transition zone; 20% in the middle and 4% ser at the end of the unit. Common chl bands; mostly parallel to foliation. A few milky white to transparent qtz veins. 1-2% py with trace sph; and po.	1007004	408.51	409.72	1.21	0.08		0.50	86.00	372.00
			1007006	409.72	411.00	1.28	0.03		0.50	97.00	206.00
			1007005	409.72	411.00	1.28	0.02		1.00	34.00	288.00
			1007007	411.00	412.50	1.50	0.03		0.50	31.00	96.00
			1007008	412.50	414.00	1.50	0.05		0.50	21.00	84.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982385	146.11	147.61	0.0030		0.5000	13.0000	59.0000
982387	147.61	149.11	0.0030		0.5000	16.0000	55.0000
982388	149.11	150.61	0.0030		0.5000	11.0000	34.0000
982389	150.61	152.11	0.0030		0.5000	13.0000	39.0000
982391	152.11	153.42	0.0150		0.5000	24.0000	65.0000

Hole Number: TL11140

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982392	153.42	154.92	0.0160		0.5000	15.0000	100.0000
982393	183.41	184.78	0.0180		0.5000	11.0000	93.0000
982394	184.78	186.28	0.0180		0.5000	24.0000	63.0000
982395	186.28	187.78	0.0120		0.5000	19.0000	36.0000
982396	187.78	189.28	0.0005		0.5000	5.0000	22.0000
982397	189.28	190.78	0.0005		0.5000	3.0000	18.0000
982398	190.78	192.28	0.0090		0.5000	3.0000	15.0000
982399	192.28	193.78	0.0080		0.5000	7.0000	13.0000
982401	193.78	195.28	0.0040		4.0000	119.0000	179.0000
982402	195.28	196.78	0.0090		0.5000	6.0000	43.0000
982403	196.78	198.28	0.0100		0.5000	8.0000	81.0000
982404	198.28	199.78	0.0140		0.5000	13.0000	114.0000
982405	199.78	201.28	0.0350		0.5000	20.0000	123.0000
982407	201.28	202.78	0.0320		0.5000	22.0000	71.0000
982408	202.78	204.28	0.0560		0.5000	41.0000	49.0000
982409	204.28	204.93	0.0490		0.5000	40.0000	26.0000
982411	204.93	206.43	0.0140		0.5000	26.0000	60.0000
982412	240.80	242.30	0.1520		0.5000	45.0000	102.0000
982413	242.30	243.80	0.0080		0.5000	21.0000	59.0000
982414	243.80	245.30	0.0050		0.5000	20.0000	82.0000
982415	245.30	246.80	0.0080		0.5000	24.0000	37.0000
982416	246.80	248.30	0.0080		0.5000	14.0000	49.0000
982417	248.30	249.80	0.0150		0.5000	19.0000	64.0000
982418	249.80	250.68	0.0280		0.5000	22.0000	108.0000
982419	250.68	252.18	0.0090		0.5000	20.0000	80.0000
982421	252.18	253.68	1.1380		0.5000	22.0000	24.0000
982422	253.68	255.18	6.1160	9.0500	0.5000	76.0000	203.0000
982423	255.18	256.18	0.1540		0.5000	82.0000	167.0000
982424	256.18	257.03	0.0080		0.5000	20.0000	44.0000
982425	257.03	258.53	0.0110		0.5000	14.0000	37.0000
982427	294.50	296.00	0.0950		0.5000	74.0000	126.0000
982428	296.00	297.00	5.6270	3.8670	25.0000	3373.0000	3617.0000
982429	297.00	298.00	4.0120		8.0000	1451.0000	3341.0000
982431	298.00	299.00	0.7510		3.0000	402.0000	805.0000
982432	299.00	300.00	0.9250		26.0000	3366.0000	3331.0000
982433	300.00	301.30	0.3120		4.0000	723.0000	3561.0000
982434	301.30	302.50	0.6470		18.0000	2792.0000	3551.0000
982435	302.50	304.00	0.3750		5.0000	799.0000	1645.0000
982436	304.00	305.00	0.2980		2.0000	340.0000	600.0000

Hole Number: TL11140

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982437	305.00	306.00	0.5490		2.0000	1038.0000	1295.0000
982438	306.00	307.50	0.5890		1.0000	212.0000	409.0000
982439	307.50	308.50	2.0150		10.0000	609.0000	1264.0000
982441	308.50	309.50	3.9230		11.0000	1111.0000	2848.0000
982442	309.50	310.50	1.8930		6.0000	871.0000	1993.0000
982443	310.50	312.00	7.1460	5.8600	22.0000	672.0000	869.0000
982444	312.00	313.50	1.8520		6.0000	640.0000	829.0000
982445	313.50	315.00	1.2330		10.0000	756.0000	1169.0000
982447	315.00	316.50	20.1540	20.6920	17.0000	693.0000	701.0000
982448	316.50	318.00	0.7770		5.0000	117.0000	168.0000
982449	318.00	319.35	0.4160		5.0000	99.0000	155.0000
982451	319.35	320.85	1.2730		11.0000	67.0000	173.0000
982452	320.85	322.00	0.0840		2.0000	28.0000	64.0000
982453	322.00	323.00	0.0750		2.0000	20.0000	71.0000
982454	323.00	324.00	0.1310		3.0000	23.0000	83.0000
982455	324.00	325.50	0.2740		3.0000	27.0000	38.0000
982456	325.50	327.00	0.0370		2.0000	24.0000	2242.0000
982457	327.00	328.50	0.0110		0.5000	17.0000	63.0000
982458	328.50	330.00	0.0070		0.5000	16.0000	35.0000
982459	330.00	331.50	0.0050		1.0000	7.0000	57.0000
982461	331.50	333.00	0.0130		0.5000	6.0000	52.0000
982462	333.00	334.20	0.0190		0.5000	9.0000	82.0000
982463	334.20	335.50	0.0060		0.5000	7.0000	95.0000
982464	335.50	337.00	0.0080		0.5000	9.0000	92.0000
982465	337.00	338.50	0.0070		0.5000	13.0000	30.0000
982467	338.50	340.00	0.0040		0.5000	16.0000	62.0000
982468	340.00	341.50	0.0060		0.5000	8.0000	40.0000
982469	341.50	343.00	0.0040		0.5000	8.0000	46.0000
982471	343.00	344.50	0.0050		0.5000	12.0000	51.0000
982472	344.50	346.00	0.0140		0.5000	13.0000	41.0000
982473	346.00	347.50	0.0080		0.5000	9.0000	40.0000
982474	347.50	348.50	0.0070		0.5000	9.0000	75.0000
982475	348.50	350.00	0.0060		0.5000	12.0000	44.0000
982476	350.00	351.50	0.0050		0.5000	10.0000	20.0000
982477	351.50	353.00	0.0050		0.5000	11.0000	27.0000
982478	353.00	354.50	0.0050		0.5000	13.0000	11.0000
982479	354.50	356.00	0.0040		0.5000	11.0000	20.0000
982481	356.00	357.50	0.0040		0.5000	8.0000	34.0000
982482	357.50	358.37	0.0020		0.5000	8.0000	24.0000

Hole Number: TL11140

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
982483	358.37	359.30	0.0060		0.5000	17.0000	42.0000
982484	359.30	360.00	0.0040		0.5000	16.0000	37.0000
982485	360.00	361.50	0.0070		0.5000	19.0000	50.0000
982487	361.50	363.00	0.0210		1.0000	30.0000	73.0000
982488	363.00	364.50	0.0180		0.5000	57.0000	65.0000
982489	364.50	366.00	0.0090		1.0000	14.0000	46.0000
982491	391.13	392.63	0.0060		0.5000	15.0000	55.0000
982492	392.63	394.13	0.0870		0.5000	39.0000	148.0000
982493	394.13	395.63	0.6090		7.0000	346.0000	1077.0000
982494	395.63	397.13	0.0310		1.0000	38.0000	54.0000
982495	397.13	398.63	0.1880		0.5000	62.0000	148.0000
982496	398.63	400.32	0.1070		0.5000	44.0000	58.0000
982497	400.32	401.82	0.0690		0.5000	37.0000	171.0000
982498	401.82	402.81	0.6380		2.0000	153.0000	2221.0000
982499	402.81	403.84	0.0370		0.5000	33.0000	126.0000
1007001	403.84	405.34	0.3230		0.5000	89.0000	635.0000
1007002	405.34	407.44	0.5570		1.0000	72.0000	2295.0000
1007003	407.44	408.51	0.0300		0.5000	157.0000	250.0000
1007004	408.51	409.72	0.0820		0.5000	86.0000	372.0000
1007005	409.72	411.00	0.0210		1.0000	34.0000	288.0000
1007007	411.00	412.50	0.0250		0.5000	31.0000	96.0000
1007008	412.50	414.00	0.0480		0.5000	21.0000	84.0000
Sample Type	CDUP						
982386	146.11	147.61	0.0040		0.5000	8.0000	44.0000
982406	199.78	201.28	0.0360		0.5000	20.0000	113.0000
982426	257.03	258.53	0.0110		0.5000	16.0000	42.0000
982446	313.50	315.00	0.6170		5.0000	434.0000	1038.0000
982466	337.00	338.50	0.0070		0.5000	10.0000	42.0000
982486	360.00	361.50	0.0060		1.0000	11.0000	50.0000
1007006	409.72	411.00	0.0310		0.5000	97.0000	206.0000

# DETAILED LOG

Hole Number: TL11141

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511759.21	North:	Collar Az: 360.00
Location: Zealand Township	East: 528253.24	East:	Length: 462.00
	Elev: 392.61	Elev:	Start Depth: 0.00
Date Started: Mar 29, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Apr 01, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 462.00

Comments: Main Zone from 350.31-375.00 m. 2-3% disseminated pyrite + trace- local 7% sphalerite stringers. Trace pyrrhotite, galena, and chalcopyrite. Possible V.G. specks at margin of qtz vein from 362.07-362.08 m. Possible bleb of electrum 4mm long found at 353.35-353.36m. C Zone from 426.48-445.05 m.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	356.00	-63.00	EZ Sho	OK		24.00	355.30	-62.30	EZ Sho	OK	
72.00	354.70	-61.30	EZ Sho	OK		123.00	355.30	-60.00	EZ Sho	OK	
174.00	354.70	-59.20	EZ Sho	OK		225.00	355.20	-57.90	EZ Sho	OK	
276.00	352.80	-55.50	EZ Sho	OK		327.00	352.30	-53.30	EZ Sho	OK	
380.00	351.80	-51.60	EZ Sho	OK		420.00	351.30	-50.50	EZ Sho	OK	
462.00	350.80	-49.80	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	5.83	OB, Overburden									
5.83	61.14	BS, Biotite Schist Fine grained; very dark biotite schist. Minor qtz carbonate and qtz veins throughout. Chl altn present but not easily visible b/c of the dark colour. Chl altn is seen mostly on fracture surfaces. Minor sulphides. One small section at 37.84-38.01 with abundant py stringers.									
61.14	308.48	BMS, Biotite Muscovite Schist Weakly mineralized; fine grained BMS with a foliation of 50-55 deg TCA. Two sections with bright; milky white and rounded qtz eyes at 62.29-67.47m and 120.91-122.54m. The three typical fracture sets at 20 and 60 deg TCA crosscutting foliation and the other parallel to foliation. Minor deformation of foliation and boudinaging surrounding a few qtz veins and ch bands. Locally abundant ch/ep bands/concentration at 64.56-68.26m; 73.81-79.69m; and 127.71-140.08m. Local increases in silicification/qtz veins at 73.81-79.69m and 110.79-111.21m. Massive qtz vein at 178.31-178.63m. 1-2% diss py with common stringers and trace amounts of cp; galena; sph; and po.	983312	276.77	278.27	1.50	0.02		0.50	63.00	278.00
			983313	278.27	279.77	1.50	0.02		0.50	116.00	290.00
			983314	279.77	280.25	0.48	12.84	10.62	30.00	33447.00	34238.00
			983315	280.25	281.75	1.50	0.03		0.50	127.00	171.00
			983316	305.48	306.98	1.50	0.08		0.50	61.00	99.00
			983317	306.98	308.48	1.50	0.04		0.50	35.00	56.00

## DETAILED LOG

Hole Number: TL11141

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
308.48	321.80	MSS, Muscovite Sericite Schist	983318	308.48	309.12	0.64	0.01		0.50	19.00	59.00
			983319	309.12	310.62	1.50	0.01		0.50	13.00	37.00
			983321	310.62	312.12	1.50	0.00		0.50	12.00	24.00
			983322	312.12	313.58	1.46	0.01		0.50	46.00	77.00
			983323	313.58	314.92	1.34	0.02		2.00	593.00	425.00
			983324	314.92	316.42	1.50	0.01		0.50	12.00	9.00
			983326	316.42	317.92	1.50	0.00		0.50	7.00	20.00
			983325	316.42	317.92	1.50	0.00		0.50	10.00	23.00
			983327	317.92	319.42	1.50	0.00		0.50	9.00	17.00
			983328	319.42	320.30	0.88	0.00		0.50	11.00	13.00
			983329	320.30	321.80	1.50	0.00		0.50	22.00	17.00
321.80	350.31	BMS, Biotite Muscovite Schist	983331	321.80	323.30	1.50	0.01		0.50	36.00	92.00
			983332	348.81	350.31	1.50	0.16		1.00	27.00	75.00
350.31	375.00	MSS, Muscovite Sericite Schist Atypical MSS zone with moderate sericitization and weak silicification in patches. Small intervals of increased sulfide mineralization. 361.70-362.20 contains abundant mineralization around a translucent to smoky grey qz vein that contains specks of possible VG at margin.	983333	350.31	351.31	1.00	2.02		12.00	120.00	469.00
			983334	351.31	352.50	1.19	0.12		3.00	48.00	105.00
			983335	352.50	353.50	1.00	0.03		1.00	27.00	54.00
			983336	353.50	355.00	1.50	0.67		1.00	110.00	473.00
			983337	355.00	356.00	1.00	0.91		7.00	482.00	298.00
			983338	356.00	357.00	1.00	0.66		4.00	182.00	392.00
			983339	357.00	358.00	1.00	0.47		3.00	65.00	152.00
			983341	358.00	359.36	1.36	0.25		2.00	45.00	45.00
			983342	359.36	360.36	1.00	1.03		6.00	143.00	256.00
			983343	360.36	361.70	1.34	8.72	9.71	72.00	2435.00	4646.00
			983344	361.70	362.20	0.50	18.23	16.34	208.00	10214.00	13800.00
			983346	362.20	363.50	1.30	2.69		22.00	377.00	594.00
			983345	362.20	363.50	1.30	3.64		17.00	373.00	649.00
			983347	363.50	365.25	1.75	1.07		11.00	94.00	178.00
			983348	365.25	366.00	0.75	15.84	9.42	17.00	1221.00	2861.00
			983349	366.00	366.50	0.50	12.89	32.14	21.00	1650.00	2920.00
			983351	366.50	368.00	1.50	7.41	6.20	5.00	305.00	456.00
			983352	368.00	369.00	1.00	0.03		0.50	20.00	64.00
			983353	369.00	370.50	1.50	0.01		0.50	17.00	37.00
			983354	370.50	372.00	1.50	0.01		0.50	14.00	44.00
			983355	372.00	373.00	1.00	0.01		0.50	19.00	167.00
			983356	373.00	373.90	0.90	0.01		0.50	16.00	31.00
			983357	373.90	374.50	0.60	0.02		0.50	17.00	118.00
			983358	374.50	375.00	0.50	0.01		0.50	14.00	16.00
375.00	426.48	BMS, Biotite Muscovite Schist BMS zone with moderate sr alteration with local weak patches. Little mineralization other than the typical 1% diss. py	983359	375.00	376.50	1.50	0.01		0.50	10.00	20.00
			983361	376.50	378.00	1.50	0.01		0.50	8.00	21.00
			983362	378.00	379.00	1.00	0.01		0.50	11.00	25.00
			983363	379.00	380.00	1.00	0.00		0.50	10.00	31.00
			983364	424.98	426.48	1.50	0.02		0.50	16.00	29.00



# DETAILED LOG

Hole Number: TL11141

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
426.48	445.05	MSS, Muscovite Sericite Schist  MSS 'C' zone with strong silicification and patchy sil alteration. Little mineralization other than diss. py and a small 3m interval in the center of zone with sph stringers. Abundant micro faults; parallel to foliation; with clay gouge through most of the zone	983365	426.48	427.44	0.96	0.07		0.50	22.00	10.00
			983366	426.48	427.44	0.96	0.04		0.50	18.00	7.00
			983367	427.44	428.25	0.81	1.13		6.00	90.00	56.00
			983368	428.25	429.75	1.50	0.05		0.50	44.00	59.00
			983369	429.75	431.25	1.50	0.21		0.50	53.00	278.00
			983371	431.25	432.75	1.50	0.04		0.50	37.00	84.00
			983372	432.75	434.25	1.50	0.54		3.00	122.00	689.00
			983373	434.25	435.25	1.00	0.25		0.50	59.00	205.00
			983374	435.25	436.25	1.00	0.35		0.50	123.00	821.00
			983375	436.25	437.75	1.50	0.07		1.00	307.00	642.00
			983376	437.75	439.25	1.50	0.03		0.50	47.00	188.00
			983377	439.25	440.75	1.50	0.02		0.50	24.00	52.00
			983378	440.75	442.25	1.50	0.05		0.50	23.00	50.00
			983379	442.25	443.75	1.50	0.11		0.50	13.00	49.00
			983381	443.75	445.05	1.30	0.14		1.00	17.00	489.00
445.05	462.00	BMS, Biotite Muscovite Schist	983382	445.05	446.55	1.50	0.03		0.50	27.00	316.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983312	276.77	278.27	0.0230		0.5000	63.0000	278.0000
983313	278.27	279.77	0.0170		0.5000	116.0000	290.0000
983314	279.77	280.25	12.8360	10.6160	30.0000	33447.0000	34238.0000
983315	280.25	281.75	0.0270		0.5000	127.0000	171.0000
983316	305.48	306.98	0.0840		0.5000	61.0000	99.0000
983317	306.98	308.48	0.0420		0.5000	35.0000	56.0000
983318	308.48	309.12	0.0070		0.5000	19.0000	59.0000
983319	309.12	310.62	0.0080		0.5000	13.0000	37.0000
983321	310.62	312.12	0.0040		0.5000	12.0000	24.0000
983322	312.12	313.58	0.0050		0.5000	46.0000	77.0000
983323	313.58	314.92	0.0190		2.0000	593.0000	425.0000
983324	314.92	316.42	0.0050		0.5000	12.0000	9.0000
983325	316.42	317.92	0.0030		0.5000	10.0000	23.0000
983327	317.92	319.42	0.0010		0.5000	9.0000	17.0000
983328	319.42	320.30	0.0030		0.5000	11.0000	13.0000
983329	320.30	321.80	0.0030		0.5000	22.0000	17.0000
983331	321.80	323.30	0.0070		0.5000	36.0000	92.0000
983332	348.81	350.31	0.1560		1.0000	27.0000	75.0000
983333	350.31	351.31	2.0150		12.0000	120.0000	469.0000
983334	351.31	352.50	0.1160		3.0000	48.0000	105.0000
983335	352.50	353.50	0.0300		1.0000	27.0000	54.0000

Hole Number: TL11141

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983336	353.50	355.00	0.6710		1.0000	110.0000	473.0000
983337	355.00	356.00	0.9080		7.0000	482.0000	298.0000
983338	356.00	357.00	0.6610		4.0000	182.0000	392.0000
983339	357.00	358.00	0.4740		3.0000	65.0000	152.0000
983341	358.00	359.36	0.2490		2.0000	45.0000	45.0000
983342	359.36	360.36	1.0330		6.0000	143.0000	256.0000
983343	360.36	361.70	8.7200	9.7100	72.0000	2435.0000	4646.0000
983344	361.70	362.20	18.2310	16.3410	208.0000	10214.0000	13800.0000
983345	362.20	363.50	3.6430		17.0000	373.0000	649.0000
983347	363.50	365.25	1.0660		11.0000	94.0000	178.0000
983348	365.25	366.00	15.8360	9.4200	17.0000	1221.0000	2861.0000
983349	366.00	366.50	12.8930	32.1440	21.0000	1650.0000	2920.0000
983351	366.50	368.00	7.4060	6.1990	5.0000	305.0000	456.0000
983352	368.00	369.00	0.0260		0.5000	20.0000	64.0000
983353	369.00	370.50	0.0130		0.5000	17.0000	37.0000
983354	370.50	372.00	0.0090		0.5000	14.0000	44.0000
983355	372.00	373.00	0.0130		0.5000	19.0000	167.0000
983356	373.00	373.90	0.0100		0.5000	16.0000	31.0000
983357	373.90	374.50	0.0230		0.5000	17.0000	118.0000
983358	374.50	375.00	0.0100		0.5000	14.0000	16.0000
983359	375.00	376.50	0.0060		0.5000	10.0000	20.0000
983361	376.50	378.00	0.0060		0.5000	8.0000	21.0000
983362	378.00	379.00	0.0100		0.5000	11.0000	25.0000
983363	379.00	380.00	0.0040		0.5000	10.0000	31.0000
983364	424.98	426.48	0.0150		0.5000	16.0000	29.0000
983365	426.48	427.44	0.0680		0.5000	22.0000	10.0000
983367	427.44	428.25	1.1280		6.0000	90.0000	56.0000
983368	428.25	429.75	0.0500		0.5000	44.0000	59.0000
983369	429.75	431.25	0.2120		0.5000	53.0000	278.0000
983371	431.25	432.75	0.0430		0.5000	37.0000	84.0000
983372	432.75	434.25	0.5370		3.0000	122.0000	689.0000
983373	434.25	435.25	0.2470		0.5000	59.0000	205.0000
983374	435.25	436.25	0.3480		0.5000	123.0000	821.0000
983375	436.25	437.75	0.0660		1.0000	307.0000	642.0000
983376	437.75	439.25	0.0250		0.5000	47.0000	188.0000
983377	439.25	440.75	0.0240		0.5000	24.0000	52.0000
983378	440.75	442.25	0.0530		0.5000	23.0000	50.0000
983379	442.25	443.75	0.1070		0.5000	13.0000	49.0000
983381	443.75	445.05	0.1440		1.0000	17.0000	489.0000

Hole Number: TL11141

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type ASSAY							
983382	445.05	446.55	0.0280		0.5000	27.0000	316.0000
Sample Type CDUP							
983326	316.42	317.92	0.0030		0.5000	7.0000	20.0000
983346	362.20	363.50	2.6860		22.0000	377.0000	594.0000
983366	426.48	427.44	0.0440		0.5000	18.0000	7.0000

# DETAILED LOG

Hole Number: TL11142

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -68.50
Project Number: TMI-TL	North: 5511908.68	North:	Collar Az: 310.00
Location: Zealand Township	East: 528351.56	East:	Length: 447.00
	Elev: 394.87	Elev:	Start Depth: 0.00
Date Started: Mar 30, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Apr 02, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 447.00

Comments: Main Zone from 226.93-298.47 m. 1-2% disseminated pyrite, 1-2% sphalerite stringers, + trace pyrrhotite, galena, and chalcopyrite.  
 C zone from 323.17-347.23 m. 2% disseminated pyrite + trace-1% sphalerite + trace-2% localized galena.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	310.00	-68.50	EZ Sho	OK		21.00	311.20	-67.90	EZ Sho	OK	
51.00	313.60	-66.60	EZ Sho	OK		75.00	315.30	-65.80	EZ Sho	OK	
102.00	316.40	-65.10	EZ Sho	OK		125.00	319.40	-64.20	EZ Sho	OK	
150.00	319.20	-63.60	EZ Sho	OK		175.00	320.60	-62.80	EZ Sho	OK	
201.00	321.30	-62.40	EZ Sho	OK		225.00	323.60	-58.40	EZ Sho	OK	
252.00	325.50	-57.00	EZ Sho	OK		275.00	327.00	-55.90	EZ Sho	OK	
303.00	327.30	-55.40	EZ Sho	OK		327.00	328.10	-54.70	EZ Sho	OK	
351.00	329.70	-52.90	EZ Sho	OK		398.00	329.90	-52.10	EZ Sho	OK	
402.00	330.80	-51.50	EZ Sho	OK		426.00	332.60	-50.40	EZ Sho	OK	
438.00	333.40	-50.20	EZ Sho	OK		447.00	333.50	-50.00	EZ Sho	OK	

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	7.50	OB, Overburden									
7.50	101.60	BMS, Biotite Muscovite Schist	1007009	100.10	101.60	1.50	0.02		0.50	8.00	29.00
101.60	110.70	MSS, Muscovite Sericite Schist Weakly mineralized hanging wall. 1% py and asp with trace galena and po. Foliated at 40-50 deg TCA with fracturing; qtz veins; and chl bands running parallel to foliation. Fracturing crosscutting foliation at 50-55 deg TCA as well as uncommon at 25-30 deg TCA. Minor folding and deformation of foliation around qtz veins. Lower contact is gradational with the upper portion having a max of 80% ser. Minor ch altn with few bands; the largest band being 7cm.	1007011	101.60	102.60	1.00	0.01		0.50	14.00	35.00
			1007012	102.60	103.60	1.00	0.01		0.50	11.00	59.00
			1007013	103.60	104.60	1.00	0.01		0.50	8.00	68.00
			1007014	104.60	105.60	1.00	0.01		0.50	6.00	82.00
			1007015	105.60	107.00	1.40	0.01		0.50	5.00	42.00
			1007016	107.00	108.50	1.50	0.01		0.50	5.00	60.00
			1007017	108.50	109.50	1.00	0.02		0.50	8.00	27.00
			1007018	109.50	110.70	1.20	0.02		0.50	16.00	46.00
110.70	143.48	BMS, Biotite Muscovite Schist BMS zone with strong chl/epi alteration with several patches of condensed bands within the bottom 10m	1007019	110.70	112.20	1.50	0.02		0.50	10.00	90.00
			1007021	142.00	143.48	1.48	0.01		0.50	34.00	105.00

## DETAILED LOG

Hole Number: TL11142

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
143.48	157.98	MSS, Muscovite Sericite Schist	1007022	143.48	145.00	1.52	0.01		0.50	6.00	7.00
		Hangingwall MSS zone with moderate to strong sr alteration at the beginning and ending 5-6m. Middle of the zone has weak sr alteration; could be two separte; small MSS patches. Little mineralization other than diss. py/local stringers	1007023	145.00	146.00	1.00	0.01		0.50	11.00	32.00
			1007024	146.00	147.00	1.00	0.01		0.50	11.00	16.00
			1007026	147.00	148.50	1.50	0.01		0.50	15.00	26.00
			1007025	147.00	148.50	1.50	0.01		0.50	14.00	29.00
			1007027	148.50	150.00	1.50	0.01		0.50	13.00	53.00
			1007028	150.00	151.50	1.50	0.01		0.50	9.00	68.00
			1007029	151.50	153.00	1.50	0.02		0.50	16.00	74.00
			1007031	153.00	154.50	1.50	0.04		0.50	23.00	59.00
			1007032	154.50	155.50	1.00	0.02		0.50	75.00	82.00
			1007033	155.50	156.50	1.00	0.14		0.50	265.00	943.00
			1007034	156.50	157.98	1.48	0.10		0.50	106.00	96.00
157.98	193.64		BMS, Biotite Muscovite Schist	1007035	157.98	159.50	1.52	0.02		0.50	11.00
		Weakly sr altered BMS zone; typically low mineralization other than diss. py; rare local sph stringers; and some asp/po blebs within qz veins. Several micro faults at center of unit	1007036	192.00	193.64	1.64	0.10		2.00	65.00	414.00
193.64	204.91	MSS, Muscovite Sericite Schist	1007037	193.64	195.00	1.36	0.02		0.50	18.00	20.00
			1007038	195.00	196.50	1.50	0.02		0.50	249.00	380.00
			1007039	196.50	198.00	1.50	0.01		0.50	23.00	44.00
			1007041	198.00	199.50	1.50	0.01		0.50	13.00	116.00
			1007042	199.50	200.50	1.00	0.02		0.50	69.00	117.00
			1007043	200.50	201.50	1.00	0.10		0.50	23.00	76.00
			1007044	201.50	203.00	1.50	0.02		0.50	19.00	13.00
			1007045	203.00	204.00	1.00	0.01		0.50	21.00	18.00
			1007046	203.00	204.00	1.00	0.01		0.50	20.00	10.00
			1007047	204.00	204.91	0.91	0.03		0.50	16.00	11.00
204.91	226.93	BMS, Biotite Muscovite Schist	1007048	204.91	206.41	1.50	0.01		0.50	15.00	41.00
		Small typical BMS unit. Weak sr alteration and insignificant mineralization.	1007049	225.43	226.93	1.50	0.01		0.50	24.00	29.00

# DETAILED LOG

Hole Number: TL11142

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
226.93	298.47	MSS, Muscovite Sericite Schist "Large MSS main zone. SR alteration starts weak and transitions to strong 15m in. At this weak/strong sr alteration contact mineralization starts. 241.5m - 252m contains significant mineralization with frequent sulfide (py; sph; gn; cpy) stringers and semi massive bands. Between 248.20 - 249.70 there is a darker looking area (not like typical BMS) that has an abundant of multiple sulfides (Po; sph; gn; cpy; py).From 252m until end of unit; sr alteration progressively decreases and mineraliation is limited to diss. py and rare sph stringers."	1007051	226.93	228.00	1.07	0.05		2.00	53.00	230.00
			1007052	228.00	229.50	1.50	0.59		16.00	49.00	71.00
			1007053	229.50	231.00	1.50	0.03		0.50	31.00	37.00
			1007054	231.00	232.50	1.50	0.03		0.50	34.00	39.00
			1007055	232.50	234.00	1.50	0.08		0.50	85.00	138.00
			1007056	234.00	235.50	1.50	0.04		0.50	41.00	65.00
			1007057	235.50	237.00	1.50	0.03		0.50	24.00	73.00
			1007058	237.00	238.50	1.50	0.02		0.50	18.00	24.00
			1007059	238.50	240.00	1.50	0.01		0.50	15.00	40.00
			1007061	240.00	241.50	1.50	0.25		4.00	179.00	418.00
			1007062	241.50	242.50	1.00	1.93		67.00	9828.00	19337.00
			1007063	242.50	243.00	0.50	0.25		3.00	236.00	589.00
			1007064	243.00	244.00	1.00	0.99		26.00	3026.00	6748.00
			1007065	244.00	245.00	1.00	0.64		5.00	526.00	1956.00
			1007066	244.00	245.00	1.00	0.29		4.00	435.00	1538.00
			1007067	245.00	246.00	1.00	0.34		7.00	759.00	2338.00
			1007068	246.00	247.00	1.00	2.28		7.00	610.00	2134.00
			1007069	247.00	248.20	1.20	0.74		4.00	488.00	1141.00
			1007071	248.20	249.70	1.50	10.58	5.88	58.00	8461.00	13674.00
			1007072	249.70	251.20	1.50	3.45		59.00	1751.00	3606.00
			1007073	251.20	252.20	1.00	0.35		13.00	234.00	305.00
			1007074	252.20	253.70	1.50	0.79		1.00	67.00	78.00
			1007075	253.70	255.20	1.50	0.13		0.50	23.00	13.00
			1007076	255.20	256.70	1.50	0.06		0.50	36.00	19.00
			1007077	256.70	258.20	1.50	0.14		0.50	51.00	25.00
			1007078	258.20	259.70	1.50	0.08		0.50	65.00	133.00
			1007079	259.70	261.20	1.50	0.54		1.00	119.00	76.00
			1007081	261.20	262.70	1.50	0.94		2.00	121.00	139.00
			1007082	262.70	264.20	1.50	0.43		1.00	81.00	77.00
			1007083	264.20	265.70	1.50	0.34		0.50	46.00	60.00
			1007084	265.70	267.20	1.50	0.28		1.00	144.00	340.00
			1007085	267.20	268.70	1.50	0.40		3.00	65.00	704.00
			1007086	267.20	268.70	1.50	0.31		1.00	65.00	377.00
			1007087	268.70	270.20	1.50	0.06		1.00	18.00	56.00
			1007088	270.20	271.70	1.50	0.01		1.00	19.00	140.00
			1007089	271.70	273.20	1.50	0.01		0.50	12.00	21.00
			1007091	273.20	274.70	1.50	0.01		0.50	8.00	45.00
			1007092	274.70	276.20	1.50	0.01		0.50	11.00	48.00
			1007093	276.20	277.70	1.50	0.08		0.50	9.00	33.00
			1007094	277.70	279.20	1.50	0.01		0.50	15.00	14.00
			1007095	279.20	280.70	1.50	0.01		0.50	13.00	153.00
			1007096	280.70	282.20	1.50	0.01		0.50	7.00	19.00
			1007097	282.20	283.70	1.50	0.01		0.50	10.00	22.00

## DETAILED LOG

Hole Number: TL11142

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1007098	283.70	285.20	1.50	0.01		0.50	13.00	46.00
			1007099	285.20	286.70	1.50	0.01		0.50	14.00	97.00
			1007101	286.70	288.20	1.50	0.01		0.50	10.00	44.00
			1007102	288.20	289.70	1.50	0.01		0.50	11.00	14.00
			1007103	289.70	291.20	1.50	0.01		0.50	10.00	6.00
			1007104	291.20	292.70	1.50	0.01		0.50	10.00	23.00
			1007105	292.70	294.20	1.50	0.02		0.50	8.00	10.00
			1007106	292.70	294.20	1.50	0.02		0.50	8.00	11.00
			1007107	294.20	295.70	1.50	0.01		0.50	10.00	18.00
			1007108	295.70	297.20	1.50	0.01		0.50	9.00	30.00
			1007109	297.20	298.47	1.27	0.01		0.50	13.00	19.00
298.47	323.17	BMS, Biotite Muscovite Schist Typical BMS; weak sr alteration and little mineralization	1007111	298.47	299.90	1.43	0.01		0.50	15.00	35.00
			1007112	320.17	321.67	1.50	0.19		0.50	25.00	64.00
			1007113	321.67	323.17	1.50	0.05		0.50	29.00	72.00
323.17	347.23	MSS, Muscovite Sericite Schist MSS 'C' zone with strong sr alteration and increased diss. py throughout. Several condensed sulfide stringers and a .5-1cm sph band near the middle of unit. Micro fault parallel to foliation 4m from lower contact.	1007114	323.17	324.67	1.50	0.03		0.50	35.00	78.00
			1007115	324.67	326.17	1.50	0.06		0.50	19.00	84.00
			1007116	326.17	327.67	1.50	0.06		1.00	37.00	92.00
			1007117	327.67	329.17	1.50	0.06		1.00	44.00	68.00
			1007118	329.17	330.67	1.50	0.34		1.00	47.00	66.00
			1007119	330.67	332.17	1.50	0.14		0.50	43.00	532.00
			1007121	332.17	333.67	1.50	0.08		0.50	43.00	66.00
			1007122	333.67	335.17	1.50	0.47		1.00	87.00	1131.00
			1007123	335.17	336.67	1.50	1.05		3.00	116.00	283.00
			1007124	336.67	338.17	1.50	0.23		1.00	61.00	1023.00
			1007125	338.17	339.67	1.50	0.22		0.50	42.00	154.00
			1007126	338.17	339.67	1.50	0.29		0.50	45.00	163.00
			1007127	339.67	340.67	1.00	0.88		3.00	267.00	1910.00
			1007128	340.67	341.67	1.00	0.10		0.50	195.00	548.00
			1007129	341.67	342.67	1.00	0.50		4.00	2250.00	5675.00
			1007131	342.67	344.19	1.52	0.14		0.50	53.00	273.00
			1007132	344.19	345.69	1.50	0.07		0.50	30.00	322.00
			1007133	345.69	346.74	1.05	0.13		0.50	27.00	63.00
			1007134	346.74	347.23	0.49	0.05		0.50	43.00	36.00
347.23	436.67	BMS, Biotite Muscovite Schist Large BMS unit with weak sr alt and common chl/epi alteration bands; some up to 50cm wide and contain sph/asp/py mineralization. Diss. py decreases with depth and there are uncommon sph stringers throughout.	1007135	347.23	348.23	1.00	0.07		0.50	27.00	91.00
			1007136	348.23	348.96	0.73	0.00		0.50	27.00	86.00
			1007137	348.96	349.26	0.30	0.04		0.50	30.00	4923.00
			1007138	390.00	391.00	1.00	0.21		1.00	20.00	7698.00
			1007139	394.50	396.00	1.50	0.59		5.00	317.00	893.00
			1007141	396.00	397.50	1.50	0.07		0.50	54.00	2457.00
			1007142	433.67	435.17	1.50	0.03		1.00	43.00	174.00
			1007143	435.17	436.67	1.50	0.06		1.00	42.00	182.00

# DETAILED LOG

Hole Number: TL11142

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
436.67	442.81	MSS, Muscovite Sericite Schist Small Footwall MSS unit. May just be a moderately sr altered part of the larger BMS. Within and surrounding this unit there are several well developed folds. Little mineralization other than diss. py; and uncommon sph stringers	1007144	436.67	438.00	1.33	0.37		2.00	77.00	213.00
			1007145	438.00	439.00	1.00	0.16		5.00	64.00	131.00
			1007146	438.00	439.00	1.00	0.19		2.00	62.00	111.00
			1007147	439.00	440.00	1.00	0.04		0.50	36.00	126.00
			1007148	440.00	441.00	1.00	0.02		2.00	25.00	51.00
			1007149	441.00	442.00	1.00	0.02		2.00	29.00	141.00
			1007151	442.00	442.81	0.81	0.03		2.00	145.00	664.00
442.81	447.00	BMS, Biotite Muscovite Schist Typical BMS	1007152	442.81	444.00	1.19	0.04		3.00	283.00	398.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007009	100.10	101.60	0.0170		0.5000	8.0000	29.0000
1007011	101.60	102.60	0.0090		0.5000	14.0000	35.0000
1007012	102.60	103.60	0.0130		0.5000	11.0000	59.0000
1007013	103.60	104.60	0.0050		0.5000	8.0000	68.0000
1007014	104.60	105.60	0.0060		0.5000	6.0000	82.0000
1007015	105.60	107.00	0.0060		0.5000	5.0000	42.0000
1007016	107.00	108.50	0.0060		0.5000	5.0000	60.0000
1007017	108.50	109.50	0.0150		0.5000	8.0000	27.0000
1007018	109.50	110.70	0.0160		0.5000	16.0000	46.0000
1007019	110.70	112.20	0.0190		0.5000	10.0000	90.0000
1007021	142.00	143.48	0.0110		0.5000	34.0000	105.0000
1007022	143.48	145.00	0.0080		0.5000	6.0000	7.0000
1007023	145.00	146.00	0.0090		0.5000	11.0000	32.0000
1007024	146.00	147.00	0.0060		0.5000	11.0000	16.0000
1007025	147.00	148.50	0.0090		0.5000	14.0000	29.0000
1007027	148.50	150.00	0.0130		0.5000	13.0000	53.0000
1007028	150.00	151.50	0.0070		0.5000	9.0000	68.0000
1007029	151.50	153.00	0.0210		0.5000	16.0000	74.0000
1007031	153.00	154.50	0.0440		0.5000	23.0000	59.0000
1007032	154.50	155.50	0.0210		0.5000	75.0000	82.0000
1007033	155.50	156.50	0.1400		0.5000	265.0000	943.0000
1007034	156.50	157.98	0.1010		0.5000	106.0000	96.0000
1007035	157.98	159.50	0.0170		0.5000	11.0000	59.0000
1007036	192.00	193.64	0.0970		2.0000	65.0000	414.0000
1007037	193.64	195.00	0.0180		0.5000	18.0000	20.0000
1007038	195.00	196.50	0.0150		0.5000	249.0000	380.0000
1007039	196.50	198.00	0.0080		0.5000	23.0000	44.0000



Hole Number: TL11142

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007041	198.00	199.50	0.0080		0.5000	13.0000	116.0000
1007042	199.50	200.50	0.0230		0.5000	69.0000	117.0000
1007043	200.50	201.50	0.0990		0.5000	23.0000	76.0000
1007044	201.50	203.00	0.0160		0.5000	19.0000	13.0000
1007045	203.00	204.00	0.0140		0.5000	21.0000	18.0000
1007047	204.00	204.91	0.0340		0.5000	16.0000	11.0000
1007048	204.91	206.41	0.0120		0.5000	15.0000	41.0000
1007049	225.43	226.93	0.0130		0.5000	24.0000	29.0000
1007051	226.93	228.00	0.0460		2.0000	53.0000	230.0000
1007052	228.00	229.50	0.5850		16.0000	49.0000	71.0000
1007053	229.50	231.00	0.0290		0.5000	31.0000	37.0000
1007054	231.00	232.50	0.0300		0.5000	34.0000	39.0000
1007055	232.50	234.00	0.0770		0.5000	85.0000	138.0000
1007056	234.00	235.50	0.0400		0.5000	41.0000	65.0000
1007057	235.50	237.00	0.0320		0.5000	24.0000	73.0000
1007058	237.00	238.50	0.0160		0.5000	18.0000	24.0000
1007059	238.50	240.00	0.0120		0.5000	15.0000	40.0000
1007061	240.00	241.50	0.2470		4.0000	179.0000	418.0000
1007062	241.50	242.50	1.9300		67.0000	9828.0000	19337.0000
1007063	242.50	243.00	0.2490		3.0000	236.0000	589.0000
1007064	243.00	244.00	0.9870		26.0000	3026.0000	6748.0000
1007065	244.00	245.00	0.6400		5.0000	526.0000	1956.0000
1007067	245.00	246.00	0.3430		7.0000	759.0000	2338.0000
1007068	246.00	247.00	2.2790		7.0000	610.0000	2134.0000
1007069	247.00	248.20	0.7360		4.0000	488.0000	1141.0000
1007071	248.20	249.70	10.5820	5.8790	58.0000	8461.0000	13674.0000
1007072	249.70	251.20	3.4460		59.0000	1751.0000	3606.0000
1007073	251.20	252.20	0.3490		13.0000	234.0000	305.0000
1007074	252.20	253.70	0.7940		1.0000	67.0000	78.0000
1007075	253.70	255.20	0.1280		0.5000	23.0000	13.0000
1007076	255.20	256.70	0.0600		0.5000	36.0000	19.0000
1007077	256.70	258.20	0.1390		0.5000	51.0000	25.0000
1007078	258.20	259.70	0.0830		0.5000	65.0000	133.0000
1007079	259.70	261.20	0.5410		1.0000	119.0000	76.0000
1007081	261.20	262.70	0.9390		2.0000	121.0000	139.0000
1007082	262.70	264.20	0.4270		1.0000	81.0000	77.0000
1007083	264.20	265.70	0.3410		0.5000	46.0000	60.0000
1007084	265.70	267.20	0.2800		1.0000	144.0000	340.0000
1007085	267.20	268.70	0.4020		3.0000	65.0000	704.0000

Hole Number: TL11142

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007087	268.70	270.20	0.0560		1.0000	18.0000	56.0000
1007088	270.20	271.70	0.0080		1.0000	19.0000	140.0000
1007089	271.70	273.20	0.0070		0.5000	12.0000	21.0000
1007091	273.20	274.70	0.0120		0.5000	8.0000	45.0000
1007092	274.70	276.20	0.0100		0.5000	11.0000	48.0000
1007093	276.20	277.70	0.0770		0.5000	9.0000	33.0000
1007094	277.70	279.20	0.0080		0.5000	15.0000	14.0000
1007095	279.20	280.70	0.0100		0.5000	13.0000	153.0000
1007096	280.70	282.20	0.0060		0.5000	7.0000	19.0000
1007097	282.20	283.70	0.0100		0.5000	10.0000	22.0000
1007098	283.70	285.20	0.0100		0.5000	13.0000	46.0000
1007099	285.20	286.70	0.0140		0.5000	14.0000	97.0000
1007101	286.70	288.20	0.0100		0.5000	10.0000	44.0000
1007102	288.20	289.70	0.0060		0.5000	11.0000	14.0000
1007103	289.70	291.20	0.0090		0.5000	10.0000	6.0000
1007104	291.20	292.70	0.0070		0.5000	10.0000	23.0000
1007105	292.70	294.20	0.0150		0.5000	8.0000	10.0000
1007107	294.20	295.70	0.0120		0.5000	10.0000	18.0000
1007108	295.70	297.20	0.0120		0.5000	9.0000	30.0000
1007109	297.20	298.47	0.0080		0.5000	13.0000	19.0000
1007111	298.47	299.90	0.0120		0.5000	15.0000	35.0000
1007112	320.17	321.67	0.1930		0.5000	25.0000	64.0000
1007113	321.67	323.17	0.0490		0.5000	29.0000	72.0000
1007114	323.17	324.67	0.0340		0.5000	35.0000	78.0000
1007115	324.67	326.17	0.0640		0.5000	19.0000	84.0000
1007116	326.17	327.67	0.0580		1.0000	37.0000	92.0000
1007117	327.67	329.17	0.0590		1.0000	44.0000	68.0000
1007118	329.17	330.67	0.3420		1.0000	47.0000	66.0000
1007119	330.67	332.17	0.1360		0.5000	43.0000	532.0000
1007121	332.17	333.67	0.0780		0.5000	43.0000	66.0000
1007122	333.67	335.17	0.4700		1.0000	87.0000	1131.0000
1007123	335.17	336.67	1.0490		3.0000	116.0000	283.0000
1007124	336.67	338.17	0.2330		1.0000	61.0000	1023.0000
1007125	338.17	339.67	0.2220		0.5000	42.0000	154.0000
1007127	339.67	340.67	0.8760		3.0000	267.0000	1910.0000
1007128	340.67	341.67	0.0970		0.5000	195.0000	548.0000
1007129	341.67	342.67	0.4960		4.0000	2250.0000	5675.0000
1007131	342.67	344.19	0.1400		0.5000	53.0000	273.0000
1007132	344.19	345.69	0.0720		0.5000	30.0000	322.0000

Hole Number: TL11142

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007133	345.69	346.74	0.1250		0.5000	27.0000	63.0000
1007134	346.74	347.23	0.0460		0.5000	43.0000	36.0000
1007135	347.23	348.23	0.0740		0.5000	27.0000	91.0000
1007136	348.23	348.96	0.0005		0.5000	27.0000	86.0000
1007137	348.96	349.26	0.0380		0.5000	30.0000	4923.0000
1007138	390.00	391.00	0.2070		1.0000	20.0000	7698.0000
1007139	394.50	396.00	0.5910		5.0000	317.0000	893.0000
1007141	396.00	397.50	0.0700		0.5000	54.0000	2457.0000
1007142	433.67	435.17	0.0280		1.0000	43.0000	174.0000
1007143	435.17	436.67	0.0550		1.0000	42.0000	182.0000
1007144	436.67	438.00	0.3730		2.0000	77.0000	213.0000
1007145	438.00	439.00	0.1560		5.0000	64.0000	131.0000
1007147	439.00	440.00	0.0370		0.5000	36.0000	126.0000
1007148	440.00	441.00	0.0160		2.0000	25.0000	51.0000
1007149	441.00	442.00	0.0200		2.0000	29.0000	141.0000
1007151	442.00	442.81	0.0300		2.0000	145.0000	664.0000
1007152	442.81	444.00	0.0390		3.0000	283.0000	398.0000
Sample Type	CDUP						
1007026	147.00	148.50	0.0100		0.5000	15.0000	26.0000
1007046	203.00	204.00	0.0130		0.5000	20.0000	10.0000
1007066	244.00	245.00	0.2920		4.0000	435.0000	1538.0000
1007086	267.20	268.70	0.3100		1.0000	65.0000	377.0000
1007106	292.70	294.20	0.0200		0.5000	8.0000	11.0000
1007126	338.17	339.67	0.2900		0.5000	45.0000	163.0000
1007146	438.00	439.00	0.1910		2.0000	62.0000	111.0000

# DETAILED LOG

Hole Number: TL11143

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511788.34	North:	Collar Az: 313.00
Location: Zealand Township	East: 528408.78	East:	Length: 520.00
	Elev: 390.22	Elev:	Start Depth: 0.00
Date Started: Apr 03, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Apr 06, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 520.00

Comments: Main zone from 404.34-435.54 m. 2-3% disseminated pyrite, trace-3% sphalerite in common stringers. 1% galena and chalcopyrite in sulphide stringers as well as quartz veins.  
 C Zone from 496.26m-512.40 m. 3-4% pyrite + .7-1.5cm semi massive band of sphalerite. trace galena + chalcopyrite.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	317.00	-64.00	EZ Sho	OK		51.00	318.30	-63.40	EZ Sho	OK	
105.00	319.10	-62.40	EZ Sho	OK		151.00	320.00	-61.90	EZ Sho	OK	
252.00	321.50	-59.80	EZ Sho	OK		300.00	322.40	-58.90	EZ Sho	OK	
351.00	323.00	-58.37	EZ Sho	OK		405.00	324.00	-58.30	EZ Sho	OK	
450.00	325.70	-57.70	EZ Sho	OK		520.00	328.30	-56.60	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	12.00	OB, Overburden									
12.00	90.49	BS, Biotite Schist Typical very dark and poorly mineralized BS. Small brecciated section at 48.50-48.80. 1% diss py; trace to 1% po and trace asp. Weak ser; ch and silica altn. Minor loose folding and deformation of foliation surrounding qtz veins.									
90.49	292.23	BMS, Biotite Muscovite Schist Overall a typical BMS with minor deformation/boudinaging around some qtz veins. F2 fold at 287.75-292.23. Common fracturing at various orientations. Varying amounts of ser throughout with local increases. Local increases in ch/silica. Overall mineralization mot significant with 1% diss py and local stringers up to 5% py with common stringers. Trace asp and cp. Section of 3-4% po and 1-2% asp from 264.57-288.12.	983383	290.73	292.23	1.50	0.02		0.50	9.00	52.00
292.23	294.29	MSS, Muscovite Sericite Schist Typical poorly mineralized hanging wall MSS. Common fracturing parallel to foliation at 50-55 deg TCA and minor fracturing at 30 deg TCA. Possible minor fuchsite altn; one ch band and 80 ser with 20% bio. Deformation of foliation around qtz lenses. Trace to 1% diss py.	983384	292.23	293.73	1.50	0.04		0.50	9.00	72.00
			983386	293.73	294.29	0.56	0.01		0.50	13.00	23.00
			983385	293.73	294.29	0.56	0.01		0.50	16.00	23.00

# DETAILED LOG

Hole Number: TL11143

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
294.29	359.13	BMS, Biotite Muscovite Schist Typical BMS. The three fracture sets typically seen are present parallel to foliation; crosscutting foliation at 60-70 deg TCA; and at 30 deg TCA. Locally abundant fracturing at 339.40-339.46 with increased altn. Minor boudinaging/folding is seen around many qtz veins. Common qtz veins throughout and chl bands. Local increases in ser. Overall py is 2% with local stringers with trace asp; sph/ankerite? and galena. Local increase in sulphides from 357.11-357.97 with 6% py; 2% sph and 1% galena.	983387	294.29	295.79	1.50	0.01		0.50	18.00	85.00
			983388	356.63	358.13	1.50	0.15		2.00	161.00	840.00
			983389	358.13	359.13	1.00	0.45		1.00	160.00	864.00
359.13	373.84	MSS, Muscovite Sericite Schist Small section of poorly mineralized MSS with trace py and sph. Abundant fracturing crosscutting foliation at 30-40 deg TCA. Common fracturing parallel to foliation at 45-50 deg TCA and crosscutting foliation at 60-80 deg TCA. Moderate ser altn and weak ch and silica altn.	983391	359.13	360.63	1.50	0.01		0.50	28.00	63.00
			983392	360.63	362.13	1.50	0.01		0.50	18.00	35.00
			983393	362.13	363.63	1.50	0.01		0.50	13.00	9.00
			983394	363.63	365.13	1.50	0.01		0.50	12.00	480.00
			983395	365.13	366.63	1.50	0.16		0.50	21.00	294.00
			983396	366.63	368.13	1.50	0.03		0.50	72.00	226.00
			983397	368.13	369.63	1.50	0.01		0.50	18.00	56.00
			983398	369.63	371.13	1.50	0.01		0.50	7.00	21.00
			983399	371.13	372.63	1.50	0.00		0.50	6.00	7.00
373.84	384.03	BMS, Biotite Muscovite Schist Typical small BMS. Weakly sericitized; last 3m before lower contact highly fractured with increased ser/ch/ep/silica altn. Weak mineralization 1% diss py; 1-2% asp w/i fractured and altered zone. Trace sph in rare stringers.	983402	373.84	375.34	1.50	0.01		0.50	21.00	37.00
			983403	382.40	384.03	1.63	0.01		0.50	41.00	46.00
384.03	388.06	MSS, Muscovite Sericite Schist Small MSS; strongly sericitized and weakly mineralized with 1-2% diss py and uncommon stringers.	983404	384.03	385.53	1.50	0.01		0.50	13.00	30.00
			983406	385.53	387.03	1.50	0.01		0.50	11.00	33.00
			983405	385.53	387.03	1.50	0.01		0.50	13.00	39.00
			983407	387.03	388.06	1.03	0.01		0.50	12.00	65.00
388.06	404.34	BMS, Biotite Muscovite Schist Typical BMS local increases in ser/ch/ep altn. Overall; interval is well-silicified with common qtz veins and one massive one at 398.23-398.48. 2% diss py with common stringers and trace sph; galena and asp. Minor fracturing crosscutting foliation at 60-70 deg. F2 fold at 398.05-398.2 with an axial plane 38 deg TCA. Minor folding and deformation of foliation surrounding qtz veins at end of the interval.	983408	388.06	389.56	1.50	0.01		0.50	9.00	22.00
			983409	393.00	394.50	1.50	0.14		0.50	227.00	407.00
			983411	402.84	404.34	1.50	0.01		0.50	23.00	26.00

Hole Number: TL11143

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
404.34	435.54	MSS, Muscovite Sericite Schist Atypical main zone with abundant fracturing and sections of BMS-like rock. Lower contact is gradational with microfaulting and some rubble core. The upper portion of the interval until 416.40 contains 3% py with common stringers; 1% galena and 2-3% sph/ank? From 416.40 until the end of the interval is 2-3% diss py with occasional stringers and trace sph in rare stringers.	983412	404.34	405.84	1.50	0.01		0.50	47.00	42.00
			983413	405.84	407.29	1.45	0.06		0.50	44.00	29.00
			983414	407.29	408.29	1.00	0.26		9.00	1994.00	7960.00
			983415	408.29	409.79	1.50	0.59		7.00	1341.00	4403.00
			983416	409.79	411.29	1.50	0.72		9.00	436.00	1237.00
			983417	411.29	412.79	1.50	0.70		3.00	296.00	578.00
			983418	412.79	414.00	1.21	0.02		21.00	618.00	1707.00
			983419	414.00	415.25	1.25	0.03		4.00	1142.00	2174.00
			983421	415.25	416.35	1.10	0.21		17.00	2271.00	8512.00
			983422	416.35	417.35	1.00	0.12		0.50	56.00	154.00
			983423	417.35	418.85	1.50	0.11		0.50	26.00	38.00
			983424	418.85	420.35	1.50	0.04		0.50	14.00	12.00
			983425	420.35	421.85	1.50	0.07		0.50	32.00	39.00
			983426	420.35	421.85	1.50	0.06		0.50	30.00	29.00
			983427	421.85	423.35	1.50	0.07		0.50	52.00	63.00
			983428	423.35	424.85	1.50	0.06		0.50	47.00	56.00
			983429	424.85	426.35	1.50	0.21		1.00	115.00	199.00
			983431	426.35	427.85	1.50	0.13		2.00	203.00	334.00
			983432	427.85	429.35	1.50	0.24		20.00	40.00	86.00
			983433	429.35	430.85	1.50	0.08		46.00	21.00	135.00
			983434	430.85	432.35	1.50	0.01		0.50	10.00	18.00
			983435	432.35	433.85	1.50	0.00		0.50	8.00	13.00
			983436	433.85	434.53	0.68	0.00		0.50	4.00	2.00
			983437	434.53	435.54	1.01	0.01		0.50	4.00	12.00
435.54	438.69	BMS, Biotite Muscovite Schist Small; weakly sericitized BMS zone which grades into the MSS above and below it which could possibly all be main zone. Little fracturing and silica/ch/ep altn. 3-4% diss py and trace po.	983438	435.54	436.96	1.42	0.01		0.50	6.00	81.00
			983439	436.96	438.00	1.04	0.02		0.50	10.00	89.00
			983441	438.00	438.69	0.69	0.01		0.50	7.00	70.00

## DETAILED LOG

Hole Number: TL11143

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
438.69	460.73	MSS, Muscovite Sericite Schist Highly fractured/faulted MSS zone; could be part of the Main zone with a small section of weak alteration between. Highly sr alteration with chl overprinting in areas of fractures. Little mineralization	983442	438.69	439.57	0.88	0.01		0.50	7.00	47.00
			983443	439.57	440.52	0.95	0.01		0.50	8.00	48.00
			983444	440.52	442.02	1.50	0.01		0.50	8.00	18.00
			983445	442.02	443.52	1.50	0.01		1.00	19.00	19.00
			983446	442.02	443.52	1.50	0.01		3.00	28.00	77.00
			983447	443.52	445.02	1.50	0.01		0.50	7.00	29.00
			983448	445.02	446.52	1.50	0.00		0.50	7.00	24.00
			983449	446.52	448.02	1.50	0.00		0.50	9.00	36.00
			983451	448.02	449.52	1.50	0.01		0.50	11.00	40.00
			983452	449.52	451.02	1.50	0.05		0.50	22.00	0.50
			983453	451.02	452.52	1.50	0.00		0.50	7.00	14.00
			983454	452.52	454.02	1.50	0.00		0.50	11.00	10.00
			983455	454.02	455.52	1.50	0.01		0.50	15.00	152.00
			983456	455.52	457.02	1.50	0.00		2.00	14.00	32.00
			983457	457.02	458.52	1.50	0.00		0.50	8.00	17.00
			983458	458.52	460.02	1.50	0.00		0.50	12.00	26.00
			983459	460.02	460.73	0.71	0.00		2.00	26.00	8.00
460.73	496.26	BMS, Biotite Muscovite Schist BMS zone transitioning out of MSS with moderate; large patchy sr alteration. Abundantly fractured area and fault zones within first 5m of contact. Also transitions into next MSS zone with large patches of strong sr alteration. 2-3% diss. py with local patches of to 5% and some local areas of condensed stringers. Also; rare sph stringers	983461	460.73	462.23	1.50	0.00		0.50	15.00	46.00
			983462	487.08	488.54	1.46	0.02		0.50	16.00	37.00
			983463	488.54	490.04	1.50	0.01		0.50	12.00	60.00
			983464	490.04	491.38	1.34	0.01		0.50	11.00	43.00
			983465	491.38	491.89	0.51	0.01		0.50	12.00	0.50
			983466	491.38	491.89	0.51	0.01		0.50	9.00	0.50
			983467	491.89	493.31	1.42	0.01		0.50	14.00	30.00
			983468	493.31	494.15	0.84	0.01		0.50	13.00	31.00
			983469	494.15	495.00	0.85	0.02		0.50	14.00	15.00
			983471	495.00	496.26	1.26	0.01		0.50	24.00	49.00
496.26	512.40	MSS, Muscovite Sericite Schist Typical 'C' zone; high sr alteration with abundant old; deformed qz veins. Common sph stringers with 3-4% py throughout. There is one semi-massive band of sph (or a large stringer) at 507.94-507.97.	983472	496.26	497.76	1.50	0.16		0.50	17.00	99.00
			983473	497.76	499.26	1.50	0.23		0.50	30.00	26.00
			983474	499.26	500.76	1.50	0.19		0.50	23.00	31.00
			983475	500.76	502.26	1.50	0.19		1.00	34.00	293.00
			983476	502.26	503.76	1.50	0.19		0.50	39.00	161.00
			983477	503.76	505.26	1.50	0.05		0.50	25.00	38.00
			983478	505.26	506.76	1.50	0.85		3.00	207.00	836.00
			983479	506.76	508.26	1.50	0.15		0.50	34.00	2887.00
			983481	508.26	509.76	1.50	0.08		0.50	28.00	233.00
			983482	509.76	511.26	1.50	0.06		0.50	33.00	370.00
			983483	511.26	512.40	1.14	0.07		0.50	25.00	156.00

# DETAILED LOG

Hole Number: TL11143

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
512.40	520.00	BMS, Biotite Muscovite Schist Typical BMS with weak sr alteraion and little mineralization.	983484	512.40	513.84	1.44	0.07		0.50	27.00	91.00
			983485	513.84	515.13	1.29	0.03		0.50	24.00	56.00
			983486	513.84	515.13	1.29	0.04		0.50	20.00	54.00
			983487	515.13	516.36	1.23	0.08		0.50	19.00	239.00
			983488	516.36	517.86	1.50	0.09		0.50	20.00	364.00
			983489	517.86	518.92	1.06	0.07		0.50	18.00	82.00
			983491	518.92	519.61	0.69	0.05		0.50	17.00	51.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983383	290.73	292.23	0.0210		0.5000	9.0000	52.0000
983384	292.23	293.73	0.0390		0.5000	9.0000	72.0000
983385	293.73	294.29	0.0100		0.5000	16.0000	23.0000
983387	294.29	295.79	0.0090		0.5000	18.0000	85.0000
983388	356.63	358.13	0.1540		2.0000	161.0000	840.0000
983389	358.13	359.13	0.4520		1.0000	160.0000	864.0000
983391	359.13	360.63	0.0070		0.5000	28.0000	63.0000
983392	360.63	362.13	0.0050		0.5000	18.0000	35.0000
983393	362.13	363.63	0.0060		0.5000	13.0000	9.0000
983394	363.63	365.13	0.0050		0.5000	12.0000	480.0000
983395	365.13	366.63	0.1580		0.5000	21.0000	294.0000
983396	366.63	368.13	0.0250		0.5000	72.0000	226.0000
983397	368.13	369.63	0.0050		0.5000	18.0000	56.0000
983398	369.63	371.13	0.0070		0.5000	7.0000	21.0000
983399	371.13	372.63	0.0040		0.5000	6.0000	7.0000
983401	372.63	373.84	0.0040		0.5000	8.0000	10.0000
983402	373.84	375.34	0.0080		0.5000	21.0000	37.0000
983403	382.40	384.03	0.0090		0.5000	41.0000	46.0000
983404	384.03	385.53	0.0090		0.5000	13.0000	30.0000
983405	385.53	387.03	0.0120		0.5000	13.0000	39.0000
983407	387.03	388.06	0.0110		0.5000	12.0000	65.0000
983408	388.06	389.56	0.0080		0.5000	9.0000	22.0000
983409	393.00	394.50	0.1380		0.5000	227.0000	407.0000
983411	402.84	404.34	0.0130		0.5000	23.0000	26.0000
983412	404.34	405.84	0.0140		0.5000	47.0000	42.0000
983413	405.84	407.29	0.0550		0.5000	44.0000	29.0000
983414	407.29	408.29	0.2610		9.0000	1994.0000	7960.0000
983415	408.29	409.79	0.5870		7.0000	1341.0000	4403.0000
983416	409.79	411.29	0.7220		9.0000	436.0000	1237.0000



Hole Number: TL11143

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983417	411.29	412.79	0.6970		3.0000	296.0000	578.0000
983418	412.79	414.00	0.0160		21.0000	618.0000	1707.0000
983419	414.00	415.25	0.0260		4.0000	1142.0000	2174.0000
983421	415.25	416.35	0.2080		17.0000	2271.0000	8512.0000
983422	416.35	417.35	0.1210		0.5000	56.0000	154.0000
983423	417.35	418.85	0.1120		0.5000	26.0000	38.0000
983424	418.85	420.35	0.0400		0.5000	14.0000	12.0000
983425	420.35	421.85	0.0740		0.5000	32.0000	39.0000
983427	421.85	423.35	0.0730		0.5000	52.0000	63.0000
983428	423.35	424.85	0.0620		0.5000	47.0000	56.0000
983429	424.85	426.35	0.2120		1.0000	115.0000	199.0000
983431	426.35	427.85	0.1290		2.0000	203.0000	334.0000
983432	427.85	429.35	0.2360		20.0000	40.0000	86.0000
983433	429.35	430.85	0.0790		46.0000	21.0000	135.0000
983434	430.85	432.35	0.0050		0.5000	10.0000	18.0000
983435	432.35	433.85	0.0040		0.5000	8.0000	13.0000
983436	433.85	434.53	0.0040		0.5000	4.0000	2.0000
983437	434.53	435.54	0.0080		0.5000	4.0000	12.0000
983438	435.54	436.96	0.0090		0.5000	6.0000	81.0000
983439	436.96	438.00	0.0220		0.5000	10.0000	89.0000
983441	438.00	438.69	0.0130		0.5000	7.0000	70.0000
983442	438.69	439.57	0.0080		0.5000	7.0000	47.0000
983443	439.57	440.52	0.0050		0.5000	8.0000	48.0000
983444	440.52	442.02	0.0090		0.5000	8.0000	18.0000
983445	442.02	443.52	0.0090		1.0000	19.0000	19.0000
983447	443.52	445.02	0.0050		0.5000	7.0000	29.0000
983448	445.02	446.52	0.0040		0.5000	7.0000	24.0000
983449	446.52	448.02	0.0030		0.5000	9.0000	36.0000
983451	448.02	449.52	0.0050		0.5000	11.0000	40.0000
983452	449.52	451.02	0.0460		0.5000	22.0000	0.5000
983453	451.02	452.52	0.0030		0.5000	7.0000	14.0000
983454	452.52	454.02	0.0030		0.5000	11.0000	10.0000
983455	454.02	455.52	0.0050		0.5000	15.0000	152.0000
983456	455.52	457.02	0.0030		2.0000	14.0000	32.0000
983457	457.02	458.52	0.0030		0.5000	8.0000	17.0000
983458	458.52	460.02	0.0030		0.5000	12.0000	26.0000
983459	460.02	460.73	0.0030		2.0000	26.0000	8.0000
983461	460.73	462.23	0.0040		0.5000	15.0000	46.0000
983462	487.08	488.54	0.0160		0.5000	16.0000	37.0000

Hole Number: TL11143

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983463	488.54	490.04	0.0110		0.5000	12.0000	60.0000
983464	490.04	491.38	0.0070		0.5000	11.0000	43.0000
983465	491.38	491.89	0.0070		0.5000	12.0000	0.5000
983467	491.89	493.31	0.0050		0.5000	14.0000	30.0000
983468	493.31	494.15	0.0070		0.5000	13.0000	31.0000
983469	494.15	495.00	0.0150		0.5000	14.0000	15.0000
983471	495.00	496.26	0.0130		0.5000	24.0000	49.0000
983472	496.26	497.76	0.1570		0.5000	17.0000	99.0000
983473	497.76	499.26	0.2300		0.5000	30.0000	26.0000
983474	499.26	500.76	0.1920		0.5000	23.0000	31.0000
983475	500.76	502.26	0.1930		1.0000	34.0000	293.0000
983476	502.26	503.76	0.1920		0.5000	39.0000	161.0000
983477	503.76	505.26	0.0450		0.5000	25.0000	38.0000
983478	505.26	506.76	0.8500		3.0000	207.0000	836.0000
983479	506.76	508.26	0.1450		0.5000	34.0000	2887.0000
983481	508.26	509.76	0.0790		0.5000	28.0000	233.0000
983482	509.76	511.26	0.0620		0.5000	33.0000	370.0000
983483	511.26	512.40	0.0660		0.5000	25.0000	156.0000
983484	512.40	513.84	0.0720		0.5000	27.0000	91.0000
983485	513.84	515.13	0.0280		0.5000	24.0000	56.0000
983487	515.13	516.36	0.0840		0.5000	19.0000	239.0000
983488	516.36	517.86	0.0850		0.5000	20.0000	364.0000
983489	517.86	518.92	0.0650		0.5000	18.0000	82.0000
983491	518.92	519.61	0.0540		0.5000	17.0000	51.0000
Sample Type	CDUP						
983386	293.73	294.29	0.0070		0.5000	13.0000	23.0000
983406	385.53	387.03	0.0070		0.5000	11.0000	33.0000
983426	420.35	421.85	0.0610		0.5000	30.0000	29.0000
983446	442.02	443.52	0.0120		3.0000	28.0000	77.0000
983466	491.38	491.89	0.0100		0.5000	9.0000	0.5000
983486	513.84	515.13	0.0410		0.5000	20.0000	54.0000

# DETAILED LOG

Hole Number: TL11144

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -66.00
Project Number: TMI-TL	North: 5511906.66	North:	Collar Az: 313.00
Location: Zealand Township	East: 528459.29	East:	Length: 432.00
	Elev: 393.38	Elev:	Start Depth: 0.00
Date Started: Mar 31, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Apr 05, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 432.00

Comments: Main zone from 297.08-348.69 m. 2-3% pyrite + 1% arsenopyrite + trace sphalerite, galena and chalcopyrite.  
 C Zone from 378.84-417.25 m.  
 1mm squared bleb of V.G along with another nearby fleck at 413.82-413.83m.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	310.00	-68.00	EZ Sho	OK		24.00	311.30	-67.20	EZ Sho	OK	
51.00	314.80	-66.90	EZ Sho	OK		78.00	315.70	-66.40	EZ Sho	OK	
102.00	317.20	-65.40	EZ Sho	OK		150.00	318.20	-64.90	EZ Sho	OK	
201.00	322.10	-63.60	EZ Sho	OK		252.00	324.00	-61.80	EZ Sho	OK	
300.00	325.80	-60.50	EZ Sho	OK		351.00	325.60	-59.20	EZ Sho	OK	
402.00	326.60	-58.00	EZ Sho	OK		432.00	329.40	-57.10	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	10.50	OB, Overburden									
10.50	135.48	BMS, Biotite Muscovite Schist BMS with abundant fracturing and alteration throughout. Sections with large increases in silica/ch/ep altn. Some altered sections are fracture-related. Deformation/boudinaging common around many qtz veins. Overall mineralization typical of BMS with 1-3% py; and trace galena; po; and sph. Two small sections with local increases in sulph. At 70.56-70.91m py is 3%; sph 4%; and cp 4%. At 108.24-108.72m sph increases to 5%.	1007153	70.37	70.94	0.57	3.78		62.00	29.00	28113.00
			1007154	132.48	133.98	1.50	0.02		1.00	21.00	202.00
			1007155	133.98	135.48	1.50	0.01		0.50	12.00	99.00
135.48	142.65	MSS, Muscovite Sericite Schist Small MSS hangingwall zone; moderate to strong sr alteration and abundant qz veins. Gradual transition into it from the above BMS. Little mineralization other than diss. py; and po found as stringers	1007156	135.48	136.81	1.33	0.01		0.50	16.00	39.00
			1007157	136.81	138.31	1.50	0.02		1.00	23.00	37.00
			1007158	138.31	139.81	1.50	0.01		0.50	16.00	40.00
			1007159	139.81	141.19	1.38	0.01		0.50	27.00	182.00
			1007161	141.19	142.65	1.46	0.01		1.00	38.00	223.00
142.65	242.65	BMS, Biotite Muscovite Schist BMS unit with several intervals of moderate to strong sr alteration. Common gar/ fsp porphyroblasts grouped as loose bands. Abundant po mineralization in a few intervals throughout zone; with minor diss. py and trace cpy; sph; galena and asp.	1007162	142.65	144.15	1.50	0.02		1.00	27.00	183.00
			1007163	144.15	145.65	1.50	0.03		3.00	33.00	1190.00
			1007164	239.65	241.15	1.50	0.06		1.00	24.00	82.00
			1007166	241.15	242.65	1.50	0.09		2.00	47.00	127.00
			1007165	241.15	242.65	1.50	0.10		2.00	42.00	109.00

Hole Number: TL11144

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
242.65	260.17	MSS, Muscovite Sericite Schist Typical weakly mineralized hanging wall. Highly sericitized with common qtz veins and one massive one. Trace py; galena and cp.	1007167	242.65	244.15	1.50	0.45		3.00	56.00	114.00
			1007168	244.15	245.65	1.50	0.02		0.50	14.00	13.00
			1007169	245.65	247.15	1.50	0.01		0.50	41.00	132.00
			1007171	247.15	248.65	1.50	0.01		0.50	20.00	14.00
			1007172	248.65	250.15	1.50	0.01		0.50	50.00	61.00
			1007173	250.15	251.65	1.50	0.01		0.50	13.00	12.00
			1007174	251.65	253.15	1.50	0.01		0.50	13.00	21.00
			1007175	253.15	254.65	1.50	0.01		0.50	20.00	10.00
			1007176	254.65	256.15	1.50	0.01		0.50	14.00	27.00
			1007177	256.15	257.65	1.50	0.01		0.50	18.00	36.00
			1007178	257.65	259.15	1.50	0.01		0.50	24.00	38.00
			1007179	259.15	260.17	1.02	0.01		0.50	44.00	38.00
260.17	297.08	BMS, Biotite Muscovite Schist BMS with abundant ser altn and little ch and silica except for the massive qtz vein at the start of the interval. Amph altn localized to the ch bands and margins of qtz veins. 2-3% diss py with local stringers and large blebs filling fractures or w/i qtz veins. Trace asp and sph/ank?.	1007181	260.17	261.33	1.16	0.00		0.50	26.00	82.00
			1007182	261.33	262.83	1.50	0.01		0.50	20.00	45.00
			1007183	295.58	297.08	1.50	0.02		0.50	39.00	55.00

## DETAILED LOG

Hole Number: TL11144

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
297.08	348.69	MSS, Muscovite Sericite Schist	1007184	297.08	298.50	1.42	0.21		2.00	102.00	149.00
		Poorly mineralized and sericitized main zone. Abundant silicification present both pervasively and as veins with two being greater than 25cm. Little chloritization and amph alteration. Py predominantly found in stringers; 2-3%. 1% asp blebs in sulph stringers and as fracture fill with trace galena; sp and cp present. Cave between 297-300m; minor core loss.	1007185	298.50	300.00	1.50	0.48		3.00	158.00	1924.00
			1007186	298.50	300.00	1.50	0.27		2.00	104.00	174.00
			1007187	300.00	301.50	1.50	0.02		0.50	26.00	24.00
			1007188	301.50	303.00	1.50	0.09		0.50	20.00	39.00
			1007189	303.00	304.50	1.50	0.11		0.50	19.00	37.00
			1007191	304.50	306.00	1.50	0.07		0.50	53.00	97.00
			1007192	306.00	307.00	1.00	0.16		0.50	49.00	119.00
			1007193	307.00	308.00	1.00	0.10		1.00	62.00	76.00
			1007194	308.00	309.00	1.00	2.41		10.00	728.00	966.00
			1007195	309.00	310.00	1.00	0.10		1.00	75.00	187.00
			1007196	310.00	311.00	1.00	0.08		1.00	58.00	98.00
			1007197	311.00	312.00	1.00	0.04		0.50	55.00	97.00
			1007198	312.00	313.50	1.50	0.80		0.50	21.00	105.00
			1007199	313.50	315.00	1.50	0.20		0.50	22.00	41.00
			1007201	315.00	316.50	1.50	0.01		3.00	84.00	125.00
			1007202	316.50	318.00	1.50	0.01		1.00	54.00	43.00
			1007203	318.00	319.50	1.50	0.04		6.00	49.00	131.00
			1007204	319.50	321.00	1.50	0.05		8.00	27.00	50.00
			1007206	321.00	322.50	1.50	0.05		8.00	80.00	35.00
			1007205	321.00	322.50	1.50	0.02		2.00	44.00	67.00
			1007207	322.50	324.00	1.50	0.02		1.00	28.00	46.00
			1007208	324.00	325.50	1.50	0.01		0.50	21.00	48.00
			1007209	325.50	327.00	1.50	0.01		0.50	10.00	37.00
			1007211	327.00	328.50	1.50	0.03		2.00	19.00	101.00
			1007212	328.50	330.00	1.50	0.02		2.00	15.00	94.00
			1007213	330.00	331.50	1.50	0.01		1.00	10.00	41.00
			1007214	331.50	333.00	1.50	0.01		0.50	9.00	52.00
			1007215	333.00	334.50	1.50	0.01		1.00	14.00	42.00
			1007216	334.50	336.00	1.50	0.01		1.00	12.00	28.00
			1007217	336.00	337.50	1.50	0.01		0.50	10.00	21.00
			1007218	337.50	339.00	1.50	0.00		0.50	12.00	102.00
			1007219	339.00	340.50	1.50	0.00		0.50	15.00	48.00
			1007221	340.50	342.00	1.50	0.01		0.50	15.00	227.00
			1007222	342.00	343.50	1.50	0.01		0.50	25.00	41.00
			1007223	343.50	345.00	1.50	0.01		0.50	29.00	40.00
			1007224	345.00	346.00	1.00	0.00		1.00	23.00	62.00
			1007225	346.00	347.00	1.00	0.01		2.00	29.00	48.00
			1007226	346.00	347.00	1.00	0.01		2.00	31.00	54.00
			1007227	347.00	348.69	1.69	0.01		0.50	29.00	54.00

# DETAILED LOG

Hole Number: TL11144

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
348.69	378.84	BMS, Biotite Muscovite Schist BMS zone with weak - moderate sr alteration transitioning out of previous MSS; then to weak sr alteration for the remainder. Common chl/epi alteration and above average diss. py alteration	1007228	348.69	350.19	1.50	0.01		0.50	2.00	0.5
			1007229	377.34	378.84	1.50	0.03		0.50	29.00	55.0
378.84	417.35	MSS, Muscovite Sericite Schist Large MSS 'C' zone with strong sr alteration; common .25-1m sections of weak sr alt. Several intervals within have old distorted qz veins; often associated with increased sulfide mineralization. 409.5 - 414.85 has increased mineralization in common groups of sulfide (sph; gn; cpy) stringers. Visible gold at 413.82-413.83.	1007231	378.84	379.84	1.00	0.01		8.00	44.00	290.0
			1007232	379.84	381.00	1.16	0.00		2.00	34.00	55.0
			1007233	381.00	382.00	1.00	0.02		1.00	20.00	23.0
			1007234	382.00	383.00	1.00	0.02		1.00	19.00	66.0
			1007235	383.00	384.00	1.00	0.02		1.00	13.00	99.0
			1007236	384.00	385.50	1.50	0.01		1.00	22.00	80.0
			1007237	385.50	387.00	1.50	0.01		0.50	16.00	79.0
			1007238	387.00	388.50	1.50	0.80		0.50	14.00	29.0
			1007239	388.50	390.00	1.50	0.01		1.00	19.00	38.0
			1007241	390.00	391.50	1.50	0.01		2.00	20.00	42.0
			1007242	391.50	393.00	1.50	0.01		3.00	45.00	102.0
			1007243	393.00	394.50	1.50	0.26		4.00	35.00	56.0
			1007244	394.50	396.00	1.50	0.02		2.00	37.00	91.0
			1007245	396.00	397.00	1.00	0.04		0.50	35.00	39.0
			1007246	396.00	397.00	1.00	0.04		1.00	43.00	45.0
			1007247	397.00	398.00	1.00	0.28		2.00	63.00	87.0
			1007248	398.00	399.19	1.19	0.11		1.00	59.00	58.0
			1007249	399.19	400.19	1.00	0.90		5.00	839.00	2673.0
			1007251	400.19	401.69	1.50	0.08		0.50	52.00	75.0
			1007252	401.69	402.69	1.00	0.05		0.50	38.00	91.0
			1007253	402.69	404.19	1.50	0.07		1.00	52.00	134.0
			1007254	404.19	405.00	0.81	0.09		1.00	57.00	500.0
			1007255	405.00	406.50	1.50	0.06		1.00	41.00	103.0
			1007256	406.50	408.00	1.50	0.31		2.00	106.00	509.0
			1007257	408.00	409.50	1.50	0.21		2.00	127.00	833.0
			1007258	409.50	410.50	1.00	0.38		3.00	2892.00	4602.0
			1007259	410.50	411.50	1.00	0.18		1.00	128.00	236.0
		1007261	411.50	412.50	1.00	0.76		6.00	178.00	716.0	
		1007262	412.50	413.50	1.00	0.10		11.00	775.00	1820.0	
		1007263	413.50	414.00	0.50	3.83		5.00	278.00	349.0	
		1007264	414.00	414.85	0.85	0.21		3.00	355.00	2781.0	
		1007266	414.85	415.85	1.00	0.21		2.00	257.00	201.0	
		1007265	414.85	415.85	1.00	0.18		1.00	164.00	213.0	
		1007267	415.85	417.35	1.50	0.06		1.00	75.00	3228.0	
417.35	432.00	BMS, Biotite Muscovite Schist Typical BMS with weak sr alteration and little mineralization.	1007268	417.35	418.85	1.50	0.06		0.50	39.00	432.0
			1007269	418.85	420.35	1.50	0.08		1.00	58.00	506.0

Hole Number: TL11144

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007153	70.37	70.94	3.7750		62.0000	29.0000	28113.0000
1007154	132.48	133.98	0.0230		1.0000	21.0000	202.0000
1007155	133.98	135.48	0.0130		0.5000	12.0000	99.0000
1007156	135.48	136.81	0.0050		0.5000	16.0000	39.0000
1007157	136.81	138.31	0.0170		1.0000	23.0000	37.0000
1007158	138.31	139.81	0.0070		0.5000	16.0000	40.0000
1007159	139.81	141.19	0.0080		0.5000	27.0000	182.0000
1007161	141.19	142.65	0.0130		1.0000	38.0000	223.0000
1007162	142.65	144.15	0.0210		1.0000	27.0000	183.0000
1007163	144.15	145.65	0.0290		3.0000	33.0000	1190.0000
1007164	239.65	241.15	0.0590		1.0000	24.0000	82.0000
1007165	241.15	242.65	0.0980		2.0000	42.0000	109.0000
1007167	242.65	244.15	0.4470		3.0000	56.0000	114.0000
1007168	244.15	245.65	0.0150		0.5000	14.0000	13.0000
1007169	245.65	247.15	0.0140		0.5000	41.0000	132.0000
1007171	247.15	248.65	0.0060		0.5000	20.0000	14.0000
1007172	248.65	250.15	0.0100		0.5000	50.0000	61.0000
1007173	250.15	251.65	0.0100		0.5000	13.0000	12.0000
1007174	251.65	253.15	0.0110		0.5000	13.0000	21.0000
1007175	253.15	254.65	0.0110		0.5000	20.0000	10.0000
1007176	254.65	256.15	0.0090		0.5000	14.0000	27.0000
1007177	256.15	257.65	0.0110		0.5000	18.0000	36.0000
1007178	257.65	259.15	0.0100		0.5000	24.0000	38.0000
1007179	259.15	260.17	0.0120		0.5000	44.0000	38.0000
1007181	260.17	261.33	0.0005		0.5000	26.0000	82.0000
1007182	261.33	262.83	0.0140		0.5000	20.0000	45.0000
1007183	295.58	297.08	0.0160		0.5000	39.0000	55.0000
1007184	297.08	298.50	0.2050		2.0000	102.0000	149.0000
1007185	298.50	300.00	0.4840		3.0000	158.0000	1924.0000
1007187	300.00	301.50	0.0200		0.5000	26.0000	24.0000
1007188	301.50	303.00	0.0930		0.5000	20.0000	39.0000
1007189	303.00	304.50	0.1100		0.5000	19.0000	37.0000
1007191	304.50	306.00	0.0710		0.5000	53.0000	97.0000
1007192	306.00	307.00	0.1640		0.5000	49.0000	119.0000
1007193	307.00	308.00	0.1000		1.0000	62.0000	76.0000
1007194	308.00	309.00	2.4120		10.0000	728.0000	966.0000
1007195	309.00	310.00	0.1040		1.0000	75.0000	187.0000
1007196	310.00	311.00	0.0820		1.0000	58.0000	98.0000
1007197	311.00	312.00	0.0430		0.5000	55.0000	97.0000

Hole Number: TL11144

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007198	312.00	313.50	0.7960		0.5000	21.0000	105.0000
1007199	313.50	315.00	0.1950		0.5000	22.0000	41.0000
1007201	315.00	316.50	0.0090		3.0000	84.0000	125.0000
1007202	316.50	318.00	0.0080		1.0000	54.0000	43.0000
1007203	318.00	319.50	0.0410		6.0000	49.0000	131.0000
1007204	319.50	321.00	0.0460		8.0000	27.0000	50.0000
1007205	321.00	322.50	0.0150		2.0000	44.0000	67.0000
1007207	322.50	324.00	0.0180		1.0000	28.0000	46.0000
1007208	324.00	325.50	0.0080		0.5000	21.0000	48.0000
1007209	325.50	327.00	0.0070		0.5000	10.0000	37.0000
1007211	327.00	328.50	0.0260		2.0000	19.0000	101.0000
1007212	328.50	330.00	0.0240		2.0000	15.0000	94.0000
1007213	330.00	331.50	0.0100		1.0000	10.0000	41.0000
1007214	331.50	333.00	0.0090		0.5000	9.0000	52.0000
1007215	333.00	334.50	0.0120		1.0000	14.0000	42.0000
1007216	334.50	336.00	0.0100		1.0000	12.0000	28.0000
1007217	336.00	337.50	0.0090		0.5000	10.0000	21.0000
1007218	337.50	339.00	0.0040		0.5000	12.0000	102.0000
1007219	339.00	340.50	0.0040		0.5000	15.0000	48.0000
1007221	340.50	342.00	0.0070		0.5000	15.0000	227.0000
1007222	342.00	343.50	0.0050		0.5000	25.0000	41.0000
1007223	343.50	345.00	0.0050		0.5000	29.0000	40.0000
1007224	345.00	346.00	0.0005		1.0000	23.0000	62.0000
1007225	346.00	347.00	0.0070		2.0000	29.0000	48.0000
1007227	347.00	348.69	0.0050		0.5000	29.0000	54.0000
1007228	348.69	350.19	0.0090		0.5000	2.0000	0.5000
1007229	377.34	378.84	0.0260		0.5000	29.0000	55.0000
1007231	378.84	379.84	0.0110		8.0000	44.0000	290.0000
1007232	379.84	381.00	0.0040		2.0000	34.0000	55.0000
1007233	381.00	382.00	0.0220		1.0000	20.0000	23.0000
1007234	382.00	383.00	0.0210		1.0000	19.0000	66.0000
1007235	383.00	384.00	0.0180		1.0000	13.0000	99.0000
1007236	384.00	385.50	0.0140		1.0000	22.0000	80.0000
1007237	385.50	387.00	0.0100		0.5000	16.0000	79.0000
1007238	387.00	388.50	0.8040		0.5000	14.0000	29.0000
1007239	388.50	390.00	0.0120		1.0000	19.0000	38.0000
1007241	390.00	391.50	0.0090		2.0000	20.0000	42.0000
1007242	391.50	393.00	0.0090		3.0000	45.0000	102.0000
1007243	393.00	394.50	0.2550		4.0000	35.0000	56.0000



Hole Number: TL11144

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007244	394.50	396.00	0.0230		2.0000	37.0000	91.0000
1007245	396.00	397.00	0.0350		0.5000	35.0000	39.0000
1007247	397.00	398.00	0.2800		2.0000	63.0000	87.0000
1007248	398.00	399.19	0.1070		1.0000	59.0000	58.0000
1007249	399.19	400.19	0.9040		5.0000	839.0000	2673.0000
1007251	400.19	401.69	0.0820		0.5000	52.0000	75.0000
1007252	401.69	402.69	0.0460		0.5000	38.0000	91.0000
1007253	402.69	404.19	0.0660		1.0000	52.0000	134.0000
1007254	404.19	405.00	0.0940		1.0000	57.0000	500.0000
1007255	405.00	406.50	0.0570		1.0000	41.0000	103.0000
1007256	406.50	408.00	0.3110		2.0000	106.0000	509.0000
1007257	408.00	409.50	0.2130		2.0000	127.0000	833.0000
1007258	409.50	410.50	0.3790		3.0000	2892.0000	4602.0000
1007259	410.50	411.50	0.1830		1.0000	128.0000	236.0000
1007261	411.50	412.50	0.7590		6.0000	178.0000	716.0000
1007262	412.50	413.50	0.0980		11.0000	775.0000	1820.0000
1007263	413.50	414.00	3.8250		5.0000	278.0000	349.0000
1007264	414.00	414.85	0.2070		3.0000	355.0000	2781.0000
1007265	414.85	415.85	0.1810		1.0000	164.0000	213.0000
1007267	415.85	417.35	0.0590		1.0000	75.0000	3228.0000
1007268	417.35	418.85	0.0610		0.5000	39.0000	432.0000
1007269	418.85	420.35	0.0770		1.0000	58.0000	506.0000
Sample Type	CDUP						
1007166	241.15	242.65	0.0940		2.0000	47.0000	127.0000
1007186	298.50	300.00	0.2720		2.0000	104.0000	174.0000
1007206	321.00	322.50	0.0520		8.0000	80.0000	35.0000
1007226	346.00	347.00	0.0060		2.0000	31.0000	54.0000
1007246	396.00	397.00	0.0430		1.0000	43.0000	45.0000
1007266	414.85	415.85	0.2080		2.0000	257.0000	201.0000

# DETAILED LOG

Hole Number: TL11145

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -66.00
Project Number: TMI-TL	North: 5511927.93	North:	Collar Az: 313.00
Location: Zealand Township	East: 528506.70	East:	Length: 405.00
	Elev: 393.25	Elev:	Start Depth: 0.00
Date Started: Apr 06, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Apr 07, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 405.00

Comments: Main Zone from 270.00-284.70 m. 2% disseminated pyrite + trace-1% sphalerite + trace galena, arsenopyrite and pyrrhotite.  
 C Zone from 359.91-391.23 m. 4% disseminated pyrite + sphalerite + trace galena and chalcopyrite.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	313.00	-65.00	EZ Sho	OK		51.00	314.60	-63.10	EZ Sho	OK	
102.00	316.00	-61.20	EZ Sho	OK		153.00	319.40	-59.30	EZ Sho	OK	
207.00	320.50	-58.90	EZ Sho	OK		252.00	323.40	-58.00	EZ Sho	OK	
306.00	325.70	-56.90	EZ Sho	OK		351.00	327.90	-55.50	EZ Sho	OK	
402.00	329.10	-54.80	EZ Sho	OK		405.00	330.80	-54.70	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	12.00	OB, Overburden									
12.00	219.95	BMS, Biotite Muscovite Schist	983492	13.50	15.00	1.50	0.02		0.50	26.00	4176.0
		Beginnin of hole has increased ser altn with only minor local increases elsewhere.	983493	15.00	16.50	1.50	0.02		2.00	24.00	490.0
		Highly silicified BMS with common fracturing and minor folding and deformation	983494	40.50	42.00	1.50	0.16		1.00	22.00	727.0
		of foliation surrounding fracturing and qtz veins. Diss py varies from 1-3%; po	983495	42.00	43.50	1.50	0.03		1.00	20.00	148.0
		varies from 1-2%; trace to 1% sph and trace asp.	983496	43.50	45.00	1.50	0.02		2.00	7.00	184.0
			983497	45.00	46.50	1.50	0.02		2.00	24.00	302.0
			983498	46.50	48.00	1.50	0.04		0.50	25.00	339.0
			983499	48.00	49.50	1.50	0.04		0.50	27.00	249.0
			983601	218.45	219.95	1.50	0.10		1.00	31.00	107.0

Hole Number: TL11145

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
219.95	237.75	MSS, Muscovite Sericite Schist Poorly mineralized MSS hanging wall. Highly sericitized and moderate to strongly silicified. One micro fault at 222.23 and one minor fold at 225.27. Trace to 1% py.	983602	219.95	221.00	1.05	0.02		1.00	33.00	84.00
			983603	221.00	222.00	1.00	0.02		0.50	23.00	27.00
			983604	222.00	223.50	1.50	0.02		0.50	38.00	28.00
			983606	223.50	225.00	1.50	0.01		0.50	48.00	18.00
			983605	223.50	225.00	1.50	0.01		3.00	19.00	49.00
			983607	225.00	226.50	1.50	0.01		1.00	64.00	87.00
			983608	226.50	228.00	1.50	0.01		0.50	38.00	56.00
			983609	228.00	229.50	1.50	0.02		4.00	16.00	13.00
			983611	229.50	231.00	1.50	0.01		2.00	83.00	149.00
			983612	231.00	232.50	1.50	0.01		0.50	25.00	27.00
			983613	232.50	234.00	1.50	0.01		0.50	26.00	18.00
			983614	234.00	235.50	1.50	0.01		0.50	12.00	28.00
			983615	235.50	236.75	1.25	0.01		0.50	25.00	18.00
			983616	236.75	237.75	1.00	0.01		2.00	127.00	123.00
237.75	270.00	BMS, Biotite Muscovite Schist Moderately sericitized BMS with uncommon qtz veins and ch/ep bands. Local increases in pervasive silicification. Minor amph altn. One F2 fold at 259.54 with an axial plane at 19 deg TCA. Minor deformation of foliation surrounding some qtz veins and fractures. 1-2% diss py with local stringers and trace galena blebs w/i sulph stringers.	983617	237.75	239.25	1.50	0.01		3.00	26.00	46.00
			983618	267.00	268.50	1.50	0.03		0.50	19.00	137.00
			983619	268.50	270.00	1.50	0.04		0.50	38.00	66.00
270.00	284.70	MSS, Muscovite Sericite Schist Moderate to strongly sr/si altered MSS main zone. Poorly mineralized with a few sph/gn stringers and asp/po blebs/stringers. BMS on either side has weak to moderate sr alteration which transitions into and from main zone.	983621	270.00	271.50	1.50	1.10		2.00	613.00	1000.00
			983622	271.50	273.00	1.50	0.05		3.00	45.00	43.00
			983623	273.00	274.50	1.50	0.06		3.00	112.00	151.00
			983624	274.50	276.00	1.50	0.12		3.00	112.00	167.00
			983625	276.00	277.50	1.50	0.07		2.00	37.00	33.00
			983626	276.00	277.50	1.50	0.05		1.00	23.00	37.00
			983627	277.50	279.00	1.50	0.09		1.00	116.00	28.00
			983628	279.00	280.50	1.50	0.27		2.00	49.00	91.00
			983629	280.50	282.00	1.50	0.01		1.00	31.00	29.00
			983631	282.00	283.50	1.50	0.04		2.00	60.00	103.00
			983632	283.50	284.70	1.20	0.05		2.00	36.00	96.00
284.70	295.85	BMS, Biotite Muscovite Schist Weak to moderate sr altered BMS zone; transitions out and into bordering MSS zones. Poorly mineralized	983633	284.70	286.20	1.50	0.06		0.50	47.00	85.00
			983634	286.20	287.70	1.50	0.03		0.50	30.00	53.00
			983635	287.70	289.20	1.50	0.03		1.00	26.00	85.00
			983636	289.20	290.70	1.50	0.02		0.50	23.00	41.00
			983637	290.70	291.37	0.67	0.01		1.00	22.00	36.00
			983638	291.37	292.32	0.95	0.01		0.50	18.00	26.00
			983639	292.32	293.35	1.03	0.01		1.00	21.00	40.00
			983641	293.35	294.35	1.00	0.01		0.50	22.00	46.00
			983642	294.35	295.85	1.50	0.02		2.00	26.00	53.00

## DETAILED LOG

Hole Number: TL11145

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
295.85	300.78	MSS, Muscovite Sericite Schist Poorly mineralized MSS with trace galena and sph and 1% diss py with local stringers. Few qtz veins and ch/ep bands with local pervasive silicification.	983643	295.85	296.85	1.00	0.01		2.00	31.00	33.00
			983644	296.85	298.35	1.50	0.03		2.00	69.00	305.00
			983645	298.35	299.60	1.25	0.02		1.00	54.00	96.00
			983646	298.35	299.60	1.25	0.02		2.00	49.00	183.00
			983647	299.60	300.78	1.18	0.01		0.50	31.00	30.00
300.78	314.32	BMS, Biotite Muscovite Schist Weak-moderate sr altered BMS zone. Poorly mineralized	983648	300.78	302.28	1.50	0.01		2.00	27.00	148.00
			983649	312.82	314.32	1.50	0.01		0.50	18.00	25.00
314.32	328.82	MSS, Muscovite Sericite Schist MSS zone between main and C zone. Strongly sericitized; increased diss. py but poorly mineralized other than that. Interval of purple qz/fluor? Some 1-10mm fuchsite bands.	983651	314.32	315.82	1.50	0.01		0.50	25.00	91.00
			983652	315.82	317.32	1.50	0.01		0.50	22.00	27.00
			983653	317.32	318.82	1.50	0.01		2.00	35.00	176.00
			983654	318.82	320.32	1.50	0.02		2.00	36.00	112.00
			983655	320.32	321.82	1.50	0.01		1.00	11.00	30.00
			983656	321.82	323.32	1.50	0.01		0.50	8.00	55.00
			983657	323.32	324.82	1.50	0.01		0.50	26.00	82.00
			983658	324.82	326.32	1.50	0.01		3.00	30.00	47.00
328.82	359.91	BMS, Biotite Muscovite Schist BMS zone with weak sr alteration and poor mineralization. There are common qz veins accompanied by amph which have abundant folding near them.	983659	326.32	327.32	1.00	0.01		0.50	16.00	43.00
			983661	327.32	328.82	1.50	0.01		1.00	32.00	24.00
			983662	328.82	330.32	1.50	0.04		2.00	19.00	70.00
			983663	358.91	359.91	1.00	0.01		1.00	24.00	48.00

# DETAILED LOG

Hole Number: TL11145

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
359.91	391.23	MSS, Muscovite Sericite Schist MSS C-zone. Strongly sericitized with patches of up to 1m of moderate bio. Common mineral stringer including py; sph; gn; and cpy. But no dense clusters of stringers anywhere. Several areas with old; deformed qz veins; often associated with increased mineralization.	983664	359.91	361.00	1.09	0.09		0.50	36.00	117.00
			983665	361.00	362.00	1.00	0.02		0.50	44.00	91.00
			983666	361.00	362.00	1.00	0.02		2.00	41.00	86.00
			983667	362.00	363.00	1.00	0.07		3.00	49.00	81.00
			983668	363.00	364.00	1.00	0.05		2.00	60.00	79.00
			983669	364.00	365.00	1.00	0.09		2.00	88.00	137.00
			983671	365.00	366.00	1.00	0.19		2.00	92.00	99.00
			983672	366.00	367.00	1.00	0.67		13.00	466.00	680.00
			983673	367.00	368.00	1.00	2.30		5.00	307.00	895.00
			983674	368.00	369.00	1.00	1.02		3.00	487.00	1576.00
			983675	369.00	370.00	1.00	0.57		1.00	264.00	602.00
			983676	370.00	371.00	1.00	0.25		2.00	109.00	851.00
			983677	371.00	372.00	1.00	0.69		6.00	712.00	933.00
			983678	372.00	373.00	1.00	0.13		2.00	81.00	894.00
			983679	373.00	374.00	1.00	0.31		1.00	81.00	480.00
			983681	374.00	375.00	1.00	0.05		1.00	57.00	73.00
			983682	375.00	376.00	1.00	0.54		4.00	163.00	790.00
			983683	376.00	377.00	1.00	0.05		0.50	62.00	67.00
			983684	377.00	378.00	1.00	1.61		26.00	218.00	508.00
			983685	378.00	379.00	1.00	2.43		22.00	626.00	539.00
983686	378.00	379.00	1.00	1.34		9.00	235.00	768.00			
983687	379.00	380.00	1.00	2.33		2.00	154.00	333.00			
983688	380.00	381.00	1.00	0.16		0.50	72.00	428.00			
983689	381.00	382.00	1.00	0.50		2.00	337.00	359.00			
983691	382.00	383.00	1.00	0.82		3.00	283.00	189.00			
983692	383.00	384.00	1.00	0.40		0.50	57.00	173.00			
983693	384.00	385.00	1.00	0.09		1.00	42.00	66.00			
983694	385.00	386.00	1.00	0.52		2.00	60.00	650.00			
983695	386.00	387.00	1.00	0.32		1.00	45.00	66.00			
983696	387.00	388.00	1.00	0.60		4.00	473.00	269.00			
983697	388.00	389.00	1.00	0.26		0.50	66.00	173.00			
983698	389.00	390.00	1.00	0.39		0.50	48.00	55.00			
983699	390.00	391.23	1.23	2.95		2.00	73.00	104.00			
391.23	405.00	BMS, Biotite Muscovite Schist Typical BMS with weak sr alteration; slightly higher near contact; transitioning out of MSS. Poorly mineralized.	983701	391.23	392.73	1.50	0.08	0.50	40.00	73.00	

### Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983492	13.50	15.00	0.0230		0.5000	26.0000	4176.0000
983493	15.00	16.50	0.0190		2.0000	24.0000	490.0000

Hole Number: TL11145

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983494	40.50	42.00	0.1550		1.0000	22.0000	727.0000
983495	42.00	43.50	0.0250		1.0000	20.0000	148.0000
983496	43.50	45.00	0.0220		2.0000	7.0000	184.0000
983497	45.00	46.50	0.0240		2.0000	24.0000	302.0000
983498	46.50	48.00	0.0350		0.5000	25.0000	339.0000
983499	48.00	49.50	0.0410		0.5000	27.0000	249.0000
983601	218.45	219.95	0.1040		1.0000	31.0000	107.0000
983602	219.95	221.00	0.0200		1.0000	33.0000	84.0000
983603	221.00	222.00	0.0170		0.5000	23.0000	27.0000
983604	222.00	223.50	0.0150		0.5000	38.0000	28.0000
983605	223.50	225.00	0.0110		3.0000	19.0000	49.0000
983607	225.00	226.50	0.0090		1.0000	64.0000	87.0000
983608	226.50	228.00	0.0120		0.5000	38.0000	56.0000
983609	228.00	229.50	0.0180		4.0000	16.0000	13.0000
983611	229.50	231.00	0.0120		2.0000	83.0000	149.0000
983612	231.00	232.50	0.0130		0.5000	25.0000	27.0000
983613	232.50	234.00	0.0090		0.5000	26.0000	18.0000
983614	234.00	235.50	0.0080		0.5000	12.0000	28.0000
983615	235.50	236.75	0.0080		0.5000	25.0000	18.0000
983616	236.75	237.75	0.0120		2.0000	127.0000	123.0000
983617	237.75	239.25	0.0090		3.0000	26.0000	46.0000
983618	267.00	268.50	0.0260		0.5000	19.0000	137.0000
983619	268.50	270.00	0.0410		0.5000	38.0000	66.0000
983621	270.00	271.50	1.0990		2.0000	613.0000	1000.0000
983622	271.50	273.00	0.0540		3.0000	45.0000	43.0000
983623	273.00	274.50	0.0610		3.0000	112.0000	151.0000
983624	274.50	276.00	0.1200		3.0000	112.0000	167.0000
983625	276.00	277.50	0.0660		2.0000	37.0000	33.0000
983627	277.50	279.00	0.0870		1.0000	116.0000	28.0000
983628	279.00	280.50	0.2730		2.0000	49.0000	91.0000
983629	280.50	282.00	0.0080		1.0000	31.0000	29.0000
983631	282.00	283.50	0.0430		2.0000	60.0000	103.0000
983632	283.50	284.70	0.0470		2.0000	36.0000	96.0000
983633	284.70	286.20	0.0610		0.5000	47.0000	85.0000
983634	286.20	287.70	0.0250		0.5000	30.0000	53.0000
983635	287.70	289.20	0.0330		1.0000	26.0000	85.0000
983636	289.20	290.70	0.0210		0.5000	23.0000	41.0000
983637	290.70	291.37	0.0120		1.0000	22.0000	36.0000
983638	291.37	292.32	0.0050		0.5000	18.0000	26.0000

Hole Number: TL11145

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983639	292.32	293.35	0.0090		1.0000	21.0000	40.0000
983641	293.35	294.35	0.0120		0.5000	22.0000	46.0000
983642	294.35	295.85	0.0220		2.0000	26.0000	53.0000
983643	295.85	296.85	0.0100		2.0000	31.0000	33.0000
983644	296.85	298.35	0.0250		2.0000	69.0000	305.0000
983645	298.35	299.60	0.0220		1.0000	54.0000	96.0000
983647	299.60	300.78	0.0070		0.5000	31.0000	30.0000
983648	300.78	302.28	0.0090		2.0000	27.0000	148.0000
983649	312.82	314.32	0.0090		0.5000	18.0000	25.0000
983651	314.32	315.82	0.0120		0.5000	25.0000	91.0000
983652	315.82	317.32	0.0100		0.5000	22.0000	27.0000
983653	317.32	318.82	0.0080		2.0000	35.0000	176.0000
983654	318.82	320.32	0.0180		2.0000	36.0000	112.0000
983655	320.32	321.82	0.0080		1.0000	11.0000	30.0000
983656	321.82	323.32	0.0090		0.5000	8.0000	55.0000
983657	323.32	324.82	0.0080		0.5000	26.0000	82.0000
983658	324.82	326.32	0.0100		3.0000	30.0000	47.0000
983659	326.32	327.32	0.0110		0.5000	16.0000	43.0000
983661	327.32	328.82	0.0080		1.0000	32.0000	24.0000
983662	328.82	330.32	0.0420		2.0000	19.0000	70.0000
983663	358.91	359.91	0.0120		1.0000	24.0000	48.0000
983664	359.91	361.00	0.0920		0.5000	36.0000	117.0000
983665	361.00	362.00	0.0160		0.5000	44.0000	91.0000
983667	362.00	363.00	0.0720		3.0000	49.0000	81.0000
983668	363.00	364.00	0.0450		2.0000	60.0000	79.0000
983669	364.00	365.00	0.0850		2.0000	88.0000	137.0000
983671	365.00	366.00	0.1940		2.0000	92.0000	99.0000
983672	366.00	367.00	0.6650		13.0000	466.0000	680.0000
983673	367.00	368.00	2.2970		5.0000	307.0000	895.0000
983674	368.00	369.00	1.0180		3.0000	487.0000	1576.0000
983675	369.00	370.00	0.5650		1.0000	264.0000	602.0000
983676	370.00	371.00	0.2470		2.0000	109.0000	851.0000
983677	371.00	372.00	0.6850		6.0000	712.0000	933.0000
983678	372.00	373.00	0.1270		2.0000	81.0000	894.0000
983679	373.00	374.00	0.3050		1.0000	81.0000	480.0000
983681	374.00	375.00	0.0480		1.0000	57.0000	73.0000
983682	375.00	376.00	0.5430		4.0000	163.0000	790.0000
983683	376.00	377.00	0.0540		0.5000	62.0000	67.0000
983684	377.00	378.00	1.6060		26.0000	218.0000	508.0000

Hole Number: TL11145

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983685	378.00	379.00	2.4330		22.0000	626.0000	539.0000
983687	379.00	380.00	2.3320		2.0000	154.0000	333.0000
983688	380.00	381.00	0.1620		0.5000	72.0000	428.0000
983689	381.00	382.00	0.4960		2.0000	337.0000	359.0000
983691	382.00	383.00	0.8150		3.0000	283.0000	189.0000
983692	383.00	384.00	0.4000		0.5000	57.0000	173.0000
983693	384.00	385.00	0.0870		1.0000	42.0000	66.0000
983694	385.00	386.00	0.5240		2.0000	60.0000	650.0000
983695	386.00	387.00	0.3240		1.0000	45.0000	66.0000
983696	387.00	388.00	0.5960		4.0000	473.0000	269.0000
983697	388.00	389.00	0.2620		0.5000	66.0000	173.0000
983698	389.00	390.00	0.3850		0.5000	48.0000	55.0000
983699	390.00	391.23	2.9510		2.0000	73.0000	104.0000
983701	391.23	392.73	0.0770		0.5000	40.0000	73.0000
Sample Type	CDUP						
983606	223.50	225.00	0.0110		0.5000	48.0000	18.0000
983626	276.00	277.50	0.0530		1.0000	23.0000	37.0000
983646	298.35	299.60	0.0220		2.0000	49.0000	183.0000
983666	361.00	362.00	0.0180		2.0000	41.0000	86.0000
983686	378.00	379.00	1.3350		9.0000	235.0000	768.0000



# DETAILED LOG

Hole Number: TL11146

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -67.00
Project Number: TMI-TL	North: 5511753.05	North:	Collar Az: 315.00
Location: Zealand Township	East: 528380.53	East:	Length: 522.00
	Elev: 389.20	Elev:	Start Depth: 0.00
Date Started: Apr 07, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Apr 11, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 522.00

Comments: Main Zone from 451.30-466.37 m. 4% pyrite + 2% sphalerite. 1% galena found within sulfide stringers. trace-1% chalcopyrite as well as trace arsenopyrite.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	314.00	-67.00	EZ Sho	OK		39.00	316.50	-66.50	EZ Sho	OK	
54.00	317.50	-66.20	EZ Sho	OK		102.00	320.00	-64.90	EZ Sho	OK	
150.00	319.60	-63.00	EZ Sho	OK		204.00	319.80	-62.20	EZ Sho	OK	
252.00	322.50	-61.10	EZ Sho	OK		300.00	322.80	-60.50	EZ Sho	OK	
354.00	324.60	-59.70	EZ Sho	OK		402.00	325.80	-59.40	EZ Sho	OK	
450.00	327.10	-58.20	EZ Sho	OK		501.00	328.50	-56.60	EZ Sho	OK	
522.00	328.90	-56.30	EZ Sho	OK							

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	18.00	OB, Overburden									
18.00	131.76	BS, Biotite Schist Large BS zone at top of hole. Common small qz veins and uncommon chl/epi alteration bands. Several intervals of larger; undeformed qz eyes and gar porphyroblasts. Poorly mineralized. Within 50cm of contact there is abundant po veins near a 15cm wide massive py vein.									
131.76	356.06	BMS, Biotite Muscovite Schist Very large BMS zone with weak sr alteration (slight variances within intervals) and weak to moderate silicification in patches. There are also common chl/epi alteration bands and two consistent fracture sets throughout. Mineralization is poor with diss. py ranging from 1-3% and an interval with elevated po/asp/pent near abundant loose F2 folds.	1007271	354.56	356.06	1.50	0.02		2.00	39.00	107.00
356.06	359.18	MSS, Muscovite Sericite Schist Small hangingwall MSS zone; strong sr alteration; poorly mineralized	1007272	356.06	357.62	1.56	0.01		0.50	10.00	21.00
			1007273	357.62	359.18	1.56	0.01		0.50	12.00	22.00
359.18	403.12	BMS, Biotite Muscovite Schist Typical BMS with weak sr alt and poor mineralization for until 399m where an increase of fractures near contact increase local mineralization/alteration. Also ssph/ank?/gn mineralization within cluster of chl/epi alteration bands between 376.88-377.38.	1007274	359.18	360.68	1.50	0.01		0.50	12.00	59.00
			1007275	376.88	377.38	0.50	0.53		2.00	10763.00	8221.00
			1007276	399.00	400.62	1.62	0.22		0.50	129.00	502.00
			1007277	400.62	402.12	1.50	0.08		0.50	111.00	336.00
			1007278	402.12	403.12	1.00	0.25		1.00	350.00	3420.00

## DETAILED LOG

Hole Number: TL11146

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
403.12	422.44	MSS, Muscovite Sericite Schist Highly fractured/faulted MSS hangingwall zone. Strong sr/si alteration and poorly mineralized.	1007279	403.12	404.00	0.88	0.01		2.00	18.00	57.00
			1007281	404.00	405.00	1.00	0.01		1.00	10.00	108.00
			1007282	405.00	406.50	1.50	0.01		0.50	12.00	28.00
			1007283	406.50	408.00	1.50	0.01		0.50	22.00	164.00
			1007284	408.00	409.50	1.50	0.01		0.50	14.00	191.00
			1007286	409.50	411.00	1.50	0.01		0.50	17.00	50.00
			1007285	409.50	411.00	1.50	0.01		0.50	17.00	60.00
			1007287	411.00	412.50	1.50	0.01		0.50	13.00	188.00
			1007288	412.50	414.00	1.50	0.01		0.50	40.00	102.00
			1007289	414.00	415.50	1.50	0.01		0.50	15.00	33.00
			1007291	415.50	417.00	1.50	0.01		0.50	20.00	31.00
			1007292	417.00	418.50	1.50	0.01		0.50	16.00	25.00
			1007293	418.50	420.00	1.50	0.01		0.50	9.00	25.00
			1007294	420.00	421.50	1.50	0.00		0.50	13.00	26.00
			1007295	421.50	422.44	0.94	0.01		0.50	14.00	30.00
422.44	451.30	BMS, Biotite Muscovite Schist Atypical BMS zone; inconsistent patches of both weak and strong sr patches up to 1.5m all mixed throughout. Could be a moderate sr alteration patch within a larger MSS zone including the units on either side. 3% py with uncommon sph stringers. Many well developed F2 folds within this BMS	1007296	422.44	424.00	1.56	0.01		0.50	33.00	192.00
			1007297	437.80	439.30	1.50	0.16		0.50	44.00	300.00
			1007298	439.30	440.80	1.50	0.07		0.50	59.00	76.00
			1007299	440.80	442.00	1.20	0.03		2.00	50.00	86.00
			1007301	442.00	443.50	1.50	0.03		0.50	49.00	83.00
			1007302	443.50	445.00	1.50	0.01		0.50	22.00	33.00
			1007303	445.00	446.50	1.50	0.01		0.50	18.00	75.00
			1007304	446.50	448.00	1.50	0.02		1.00	19.00	44.00
			1007305	448.00	449.50	1.50	0.07		0.50	47.00	69.00
			1007306	448.00	449.50	1.50	0.06		0.50	48.00	74.00
1007307	449.50	451.30	1.80	0.02		0.50	34.00	84.00			
451.30	466.37	MSS, Muscovite Sericite Schist MSS main zone; transitions out of previous BMS with moderate to strong sr alteration but still contains mineralization. Becomes strongly sr altered and moderately silicified. Abundant old; deformed qz veins which are often associated with increased sulfide mineralization. Several small intervals of clusters of sulfide stringers.	1007308	451.30	452.80	1.50	0.05		0.50	46.00	65.00
			1007309	452.80	454.00	1.20	0.03		0.50	52.00	83.00
			1007311	454.00	455.50	1.50	0.21		5.00	1046.00	4001.00
			1007312	455.50	456.48	0.98	0.82		7.00	2067.00	5374.00
			1007313	456.48	457.48	1.00	1.70		12.00	3534.00	6839.00
			1007314	457.48	459.00	1.52	0.53		4.00	410.00	1094.00
			1007315	459.00	460.00	1.00	1.39		0.50	153.00	425.00
			1007316	460.00	460.90	0.90	0.68		2.00	87.00	186.00
			1007317	460.90	461.90	1.00	0.99		3.00	704.00	843.00
			1007318	461.90	462.87	0.97	0.28		0.50	100.00	322.00
			1007319	462.87	463.87	1.00	1.81		5.00	591.00	285.00
			1007321	463.87	464.87	1.00	6.92	8.13	18.00	1335.00	2773.00
			1007322	464.87	466.37	1.50	2.17		2.00	141.00	292.00

DETAILED LOG

Hole Number: TL11146

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
466.37	485.35	BMS, Biotite Muscovite Schist Atypical BMS zone; inconsistent patches of both weak and strong sr patches up to .5m all mixed throughout. Could be a moderate sr alteration patch within a larger MSS zone including the units on either side. 2% diss. py with trace sph.	1007323	466.37	467.87	1.50	0.06		0.50	185.00	430.00
			1007324	467.87	469.00	1.13	0.30		0.50	161.00	383.00
			1007326	469.00	470.00	1.00	0.05		0.50	60.00	78.00
			1007325	469.00	470.00	1.00	0.06		0.50	60.00	96.00
			1007327	470.00	471.00	1.00	0.47		3.00	241.00	133.00
			1007328	471.00	472.00	1.00	0.09		0.50	102.00	176.00
			1007329	472.00	473.50	1.50	0.02		0.50	33.00	80.00
			1007331	473.50	475.00	1.50	0.01		0.50	18.00	51.00
			1007332	475.00	476.50	1.50	0.01		0.50	6.00	40.00
			1007333	476.50	478.00	1.50	0.01		0.50	8.00	40.00
			1007334	478.00	479.50	1.50	0.01		0.50	11.00	43.00
			1007335	479.50	481.00	1.50	0.01		0.50	13.00	120.00
			1007336	481.00	482.50	1.50	0.05		0.50	10.00	92.00
			1007337	482.50	484.00	1.50	0.01		0.50	6.00	40.00
1007338	484.00	485.35	1.35	0.00		1.00	11.00	37.00			
485.35	502.97	MSS, Muscovite Sericite Schist Strongly sericitized and moderately silicified MSS C-zone; common well-developed folds near qz veins; and poorly mineralized	1007339	485.35	486.50	1.15	0.03		3.00	26.00	101.00
			1007341	486.50	488.00	1.50	0.14		48.00	72.00	128.00
			1007342	488.00	489.00	1.00	0.01		2.00	23.00	26.00
			1007343	489.00	490.50	1.50	0.01		0.50	16.00	86.00
			1007344	490.50	492.00	1.50	0.01		0.50	15.00	60.00
			1007345	492.00	493.50	1.50	0.01		0.50	15.00	28.00
			1007346	492.00	493.50	1.50	0.01		0.50	11.00	27.00
			1007347	493.50	495.00	1.50	0.01		0.50	12.00	29.00
			1007348	495.00	496.50	1.50	0.00		0.50	18.00	175.00
			1007349	496.50	498.00	1.50	0.02		0.50	24.00	2350.00
			1007351	498.00	499.50	1.50	0.01		0.50	14.00	47.00
			1007352	499.50	501.00	1.50	0.00		2.00	13.00	49.00
			1007353	501.00	502.00	1.00	0.00		0.50	11.00	19.00
			1007354	502.00	502.97	0.97	0.00		2.00	14.00	32.00
502.97	522.00	BMS, Biotite Muscovite Schist BMS zone; transitioning out of MSS with moderate sr alt. near contact. Moderately silicified and chl/epi alteration which appears as bands; within qz veins; and pervasive through parts of the unit. Poorly mineralized	1007355	502.97	504.00	1.03	0.01		0.50	31.00	61.00
			1007356	504.00	505.50	1.50	0.01		0.50	19.00	42.00
			1007357	505.50	507.00	1.50	0.02		1.00	28.00	84.00
			1007358	507.00	508.50	1.50	0.02		0.50	32.00	81.00
			1007359	508.50	510.00	1.50	0.02		4.00	33.00	112.00
			1007361	510.00	511.50	1.50	0.03		2.00	30.00	77.00
1007362	511.50	513.00	1.50	0.01		4.00	34.00	58.00			

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007271	354.56	356.06	0.0240		2.0000	39.0000	107.0000
1007272	356.06	357.62	0.0060		0.5000	10.0000	21.0000

Hole Number: TL11146

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007273	357.62	359.18	0.0090		0.5000	12.0000	22.0000
1007274	359.18	360.68	0.0090		0.5000	12.0000	59.0000
1007275	376.88	377.38	0.5280		2.0000	10763.0000	8221.0000
1007276	399.00	400.62	0.2240		0.5000	129.0000	502.0000
1007277	400.62	402.12	0.0780		0.5000	111.0000	336.0000
1007278	402.12	403.12	0.2470		1.0000	350.0000	3420.0000
1007279	403.12	404.00	0.0100		2.0000	18.0000	57.0000
1007281	404.00	405.00	0.0110		1.0000	10.0000	108.0000
1007282	405.00	406.50	0.0060		0.5000	12.0000	28.0000
1007283	406.50	408.00	0.0080		0.5000	22.0000	164.0000
1007284	408.00	409.50	0.0070		0.5000	14.0000	191.0000
1007285	409.50	411.00	0.0080		0.5000	17.0000	60.0000
1007287	411.00	412.50	0.0060		0.5000	13.0000	188.0000
1007288	412.50	414.00	0.0120		0.5000	40.0000	102.0000
1007289	414.00	415.50	0.0070		0.5000	15.0000	33.0000
1007291	415.50	417.00	0.0080		0.5000	20.0000	31.0000
1007292	417.00	418.50	0.0110		0.5000	16.0000	25.0000
1007293	418.50	420.00	0.0060		0.5000	9.0000	25.0000
1007294	420.00	421.50	0.0040		0.5000	13.0000	26.0000
1007295	421.50	422.44	0.0110		0.5000	14.0000	30.0000
1007296	422.44	424.00	0.0130		0.5000	33.0000	192.0000
1007297	437.80	439.30	0.1610		0.5000	44.0000	300.0000
1007298	439.30	440.80	0.0700		0.5000	59.0000	76.0000
1007299	440.80	442.00	0.0300		2.0000	50.0000	86.0000
1007301	442.00	443.50	0.0260		0.5000	49.0000	83.0000
1007302	443.50	445.00	0.0140		0.5000	22.0000	33.0000
1007303	445.00	446.50	0.0090		0.5000	18.0000	75.0000
1007304	446.50	448.00	0.0170		1.0000	19.0000	44.0000
1007305	448.00	449.50	0.0740		0.5000	47.0000	69.0000
1007307	449.50	451.30	0.0180		0.5000	34.0000	84.0000
1007308	451.30	452.80	0.0510		0.5000	46.0000	65.0000
1007309	452.80	454.00	0.0320		0.5000	52.0000	83.0000
1007311	454.00	455.50	0.2120		5.0000	1046.0000	4001.0000
1007312	455.50	456.48	0.8200		7.0000	2067.0000	5374.0000
1007313	456.48	457.48	1.7030		12.0000	3534.0000	6839.0000
1007314	457.48	459.00	0.5310		4.0000	410.0000	1094.0000
1007315	459.00	460.00	1.3940		0.5000	153.0000	425.0000
1007316	460.00	460.90	0.6790		2.0000	87.0000	186.0000
1007317	460.90	461.90	0.9920		3.0000	704.0000	843.0000

Hole Number: TL11146

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007318	461.90	462.87	0.2770		0.5000	100.0000	322.0000
1007319	462.87	463.87	1.8090		5.0000	591.0000	285.0000
1007321	463.87	464.87	6.9200	8.1320	18.0000	1335.0000	2773.0000
1007322	464.87	466.37	2.1680		2.0000	141.0000	292.0000
1007323	466.37	467.87	0.0610		0.5000	185.0000	430.0000
1007324	467.87	469.00	0.2980		0.5000	161.0000	383.0000
1007325	469.00	470.00	0.0590		0.5000	60.0000	96.0000
1007327	470.00	471.00	0.4670		3.0000	241.0000	133.0000
1007328	471.00	472.00	0.0870		0.5000	102.0000	176.0000
1007329	472.00	473.50	0.0150		0.5000	33.0000	80.0000
1007331	473.50	475.00	0.0070		0.5000	18.0000	51.0000
1007332	475.00	476.50	0.0090		0.5000	6.0000	40.0000
1007333	476.50	478.00	0.0070		0.5000	8.0000	40.0000
1007334	478.00	479.50	0.0100		0.5000	11.0000	43.0000
1007335	479.50	481.00	0.0080		0.5000	13.0000	120.0000
1007336	481.00	482.50	0.0470		0.5000	10.0000	92.0000
1007337	482.50	484.00	0.0080		0.5000	6.0000	40.0000
1007338	484.00	485.35	0.0040		1.0000	11.0000	37.0000
1007339	485.35	486.50	0.0270		3.0000	26.0000	101.0000
1007341	486.50	488.00	0.1430		48.0000	72.0000	128.0000
1007342	488.00	489.00	0.0060		2.0000	23.0000	26.0000
1007343	489.00	490.50	0.0070		0.5000	16.0000	86.0000
1007344	490.50	492.00	0.0090		0.5000	15.0000	60.0000
1007345	492.00	493.50	0.0070		0.5000	15.0000	28.0000
1007347	493.50	495.00	0.0080		0.5000	12.0000	29.0000
1007348	495.00	496.50	0.0040		0.5000	18.0000	175.0000
1007349	496.50	498.00	0.0190		0.5000	24.0000	2350.0000
1007351	498.00	499.50	0.0060		0.5000	14.0000	47.0000
1007352	499.50	501.00	0.0040		2.0000	13.0000	49.0000
1007353	501.00	502.00	0.0030		0.5000	11.0000	19.0000
1007354	502.00	502.97	0.0040		2.0000	14.0000	32.0000
1007355	502.97	504.00	0.0070		0.5000	31.0000	61.0000
1007356	504.00	505.50	0.0070		0.5000	19.0000	42.0000
1007357	505.50	507.00	0.0150		1.0000	28.0000	84.0000
1007358	507.00	508.50	0.0210		0.5000	32.0000	81.0000
1007359	508.50	510.00	0.0190		4.0000	33.0000	112.0000
1007361	510.00	511.50	0.0330		2.0000	30.0000	77.0000
1007362	511.50	513.00	0.0120		4.0000	34.0000	58.0000

Hole Number: TL11146

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	CDUP						
1007286	409.50	411.00	0.0110		0.5000	17.0000	50.0000
1007306	448.00	449.50	0.0550		0.5000	48.0000	74.0000
1007326	469.00	470.00	0.0530		0.5000	60.0000	78.0000
1007346	492.00	493.50	0.0070		0.5000	11.0000	27.0000

# DETAILED LOG

Hole Number: TL11147

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -66.00
Project Number: TMI-TL	North: 5511954.00	North:	Collar Az: 313.00
Location: Zealand Township	East: 528448.94	East:	Length: 360.00
	Elev: 395.49	Elev:	Start Depth: 0.00
Date Started: Apr 08, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Apr 10, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 360.00

Comments: Main Zone from 228.25-283.00 m. 2-3% disseminated pyrite + trace-2% sphalerite found in common stringers. Also trace galena + chalcopyrite.  
 C Zone from 324.18-341.18 m. Trace arsenopyrite found as blebs in quartz veins and chlorite/epidote bands.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	313.00	-66.00	EZ Sho	OK		18.00	313.30	-65.10	EZ Sho	OK	
51.00	314.80	-64.80	EZ Sho	OK		102.00	316.90	-63.70	EZ Sho	OK	
156.00	319.20	-62.40	EZ Sho	OK		201.00	320.20	-60.80	EZ Sho	OK	
252.00	321.60	-59.20	EZ Sho	OK		303.00	324.20	-57.50	EZ Sho	OK	
351.00	323.80	-55.80	EZ Sho	OK		360.00	325.50	-55.30	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	5.23	OB, Overburden									
5.23	61.37	BMS, Biotite Muscovite Schist BMS unit; weak sr/si alteration. Poorly mineralized	983702	60.00	61.37	1.37	0.02		0.50	41.00	474.00
61.37	68.88	MSS, Muscovite Sericite Schist	983703	61.37	62.50	1.13	0.02		1.00	385.00	296.00
			983704	62.50	64.00	1.50	0.01		0.50	93.00	148.00
			983705	64.00	65.50	1.50	0.01		0.50	19.00	34.00
			983706	64.00	65.50	1.50	0.01		0.50	10.00	19.00
			983707	65.50	67.00	1.50	0.01		0.50	27.00	23.00
			983708	67.00	68.00	1.00	0.01		0.50	25.00	39.00
			983709	68.00	68.88	0.88	0.01		0.50	19.00	26.00
68.88	167.88	BMS, Biotite Muscovite Schist BMS unit with weak sr alteration and common chl/epi alteration bands. First 10m of unit has common po/asp/pent? stringers. 154.50-157.50 has common sph stringers with trace gn	983711	68.88	70.38	1.50	0.02		0.50	92.00	205.00
			983712	154.50	156.00	1.50	0.24		3.00	2677.00	10732.00
			983713	156.00	157.60	1.60	0.20		2.00	1287.00	3184.00
			983714	166.38	167.88	1.50	0.05		0.50	64.00	147.00

Hole Number: TL11147

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
167.88	185.52	MSS, Muscovite Sericite Schist MSS hangingwall unit. Strong sr and weak si alteration. Poorly mineralized	983715	167.88	169.50	1.62	0.03		0.50	37.00	38.00
			983716	169.50	171.00	1.50	0.42		3.00	82.00	341.00
			983717	171.00	172.50	1.50	0.01		0.50	23.00	19.00
			983718	172.50	174.00	1.50	0.02		0.50	24.00	22.00
			983719	174.00	175.50	1.50	0.01		0.50	30.00	19.00
			983721	175.50	177.00	1.50	0.01		0.50	30.00	13.00
			983722	177.00	178.50	1.50	0.01		0.50	23.00	14.00
			983723	178.50	180.00	1.50	0.01		0.50	38.00	17.00
			983724	180.00	181.50	1.50	0.01		0.50	28.00	12.00
			983725	181.50	183.00	1.50	0.01		0.50	22.00	21.00
			983726	181.50	183.00	1.50	0.01		0.50	24.00	18.00
			983727	183.00	184.50	1.50	0.01		0.50	15.00	22.00
983728	184.50	185.52	1.02	0.02		0.50	47.00	41.00			
185.52	228.25	BMS, Biotite Muscovite Schist BMS zone with weak to Moderate sr alteration; stronger sections within the middle of unit. Poor mineralization throughout with trace sulfides (sph/gn/cpy/asp/pent) found within one of the uncommon chl/epi alteration bands	983729	185.52	187.00	1.48	0.03		0.50	40.00	53.00
			983731	212.45	213.95	1.50	0.01		3.00	82.00	129.00
			983732	213.95	214.95	1.00	0.04		0.50	70.00	127.00
			983733	214.95	216.45	1.50	0.09		0.50	82.00	204.00
			983734	216.45	217.95	1.50	0.08		0.50	59.00	88.00
			983735	227.00	228.25	1.25	0.05		0.50	91.00	106.00



# DETAILED LOG

Hole Number: TL11147

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
228.25	283.00	MSS, Muscovite Sericite Schist	983736	228.25	229.50	1.25	0.76		4.00	237.00	229.00
		Large MSS main zone. From top contact until ~255 there is strong sr alteration with abundant old; deformed qz veins which sometimes contain sulfide stringers. This section contains most of the sulfides in unit overall;. From 255 until the end contact; sr alteration slightly weakens and all minerals other than pyrite become trace.	983737	229.50	231.00	1.50	0.22		0.50	88.00	215.00
			983738	231.00	232.50	1.50	0.07		0.50	83.00	112.00
			983739	232.50	233.50	1.00	0.07		0.50	61.00	73.00
			983741	233.50	234.00	0.50	1.88		10.00	1099.00	2341.00
			983742	234.00	235.50	1.50	0.07		0.50	71.00	95.00
			983743	235.50	236.50	1.00	0.13		0.50	80.00	63.00
			983744	236.50	237.50	1.00	0.73		0.50	53.00	55.00
			983745	237.50	238.50	1.00	0.32		1.00	125.00	271.00
			983746	237.50	238.50	1.00	0.23		2.00	103.00	166.00
			983747	238.50	240.00	1.50	0.22		3.00	103.00	141.00
			983748	240.00	241.50	1.50	0.08		0.50	45.00	61.00
			983749	241.50	242.50	1.00	0.21		0.50	50.00	74.00
			983751	242.50	244.00	1.50	1.22		2.00	171.00	284.00
			983752	244.00	245.00	1.00	0.57		0.50	67.00	71.00
			983753	245.00	246.00	1.00	0.85		0.50	35.00	51.00
			983754	246.00	247.00	1.00	0.34		0.50	41.00	69.00
			983755	247.00	248.00	1.00	0.13		0.50	30.00	317.00
			983756	248.00	249.00	1.00	0.13		0.50	53.00	69.00
			983757	249.00	250.00	1.00	0.31		0.50	74.00	166.00
			983758	250.00	251.00	1.00	0.37		4.00	346.00	394.00
			983759	251.00	252.00	1.00	1.49		1.00	143.00	137.00
			983761	252.00	253.50	1.50	16.68	12.77	2.00	235.00	460.00
			983762	253.50	255.00	1.50	0.03		0.50	26.00	72.00
			983763	255.00	256.50	1.50	0.02		0.50	27.00	36.00
			983764	256.50	258.00	1.50	0.01		0.50	13.00	47.00
			983765	258.00	259.50	1.50	0.01		0.50	24.00	78.00
			983766	258.00	259.50	1.50	0.01		0.50	27.00	77.00
		983767	259.50	261.00	1.50	0.01		0.50	27.00	86.00	
		983768	261.00	262.50	1.50	0.01		0.50	23.00	68.00	
		983769	262.50	264.00	1.50	0.01		0.50	18.00	79.00	
		983771	264.00	265.50	1.50	0.01		0.50	9.00	47.00	
		983772	265.50	267.00	1.50	0.00		0.50	24.00	47.00	
		983773	267.00	268.00	1.00	0.00		0.50	19.00	46.00	
		983774	268.00	269.00	1.00	0.01		0.50	28.00	29.00	
		983775	269.00	270.00	1.00	0.01		0.50	21.00	72.00	
		983776	270.00	271.50	1.50	0.00		0.50	23.00	54.00	
		983777	271.50	273.00	1.50	0.01		0.50	17.00	16.00	
		983778	273.00	274.50	1.50	0.00		0.50	23.00	43.00	
		983779	274.50	276.00	1.50	0.01		0.50	16.00	80.00	
		983781	276.00	277.50	1.50	0.00		0.50	19.00	53.00	
		983782	277.50	279.00	1.50	0.01		0.50	24.00	29.00	
		983783	279.00	280.50	1.50	0.03		0.50	21.00	18.00	

DETAILED LOG

Hole Number: TL11147

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			983784	280.50	282.00	1.50	0.01		0.50	19.00	27.00
			983785	282.00	283.00	1.00	0.01		0.50	20.00	25.00
			983786	282.00	283.00	1.00	0.01		0.50	24.00	25.00
283.00	324.18	BMS, Biotite Muscovite Schist BMS unit with weak sr alteration until 311; where to becomes moderate to strong as it transitions into MSS. Common small to large qz veins; varying in size from 1cm - 1m; and in colour from milky white; to purple; to pink/translucent. Poorly mineralized	983787	283.00	284.50	1.50	0.01		0.50	20.00	45.00
			983788	310.50	312.00	1.50	0.01		0.50	37.00	52.00
			983789	312.00	313.50	1.50	0.01		0.50	33.00	226.00
			983791	313.50	315.00	1.50	0.01		5.00	119.00	195.00
			983792	315.00	316.50	1.50	0.02		0.50	23.00	61.00
			983793	316.50	318.00	1.50	0.02		0.50	19.00	47.00
			983794	318.00	319.50	1.50	0.02		0.50	38.00	54.00
			983795	319.50	321.00	1.50	0.02		0.50	36.00	60.00
			983796	321.00	322.50	1.50	0.05		0.50	37.00	42.00
			983797	322.50	324.18	1.68	0.17		0.50	105.00	246.00
324.18	341.18	MSS, Muscovite Sericite Schist Strongly sericitized MSS C-zone; abundant old; broken and deformed qz veins often accompanied by increased sulfide mineralization. Common sulfide stringers but spaced out throughout unit. Several small micro faults parallel to foliation.	983798	324.18	325.08	0.90	0.08		0.50	129.00	121.00
			983799	325.08	326.58	1.50	1.04		5.00	647.00	1337.00
			983801	326.58	327.58	1.00	0.02		0.50	64.00	84.00
			983802	327.58	328.69	1.11	0.01		0.50	54.00	78.00
			983803	328.69	329.69	1.00	0.11		1.00	66.00	615.00
			983804	329.69	331.19	1.50	0.25		1.00	69.00	65.00
			983805	331.19	332.19	1.00	0.04		0.50	56.00	64.00
			983806	331.19	332.19	1.00	0.04		0.50	51.00	60.00
			983807	332.19	333.19	1.00	0.12		1.00	69.00	114.00
			983808	333.19	334.19	1.00	0.44		1.00	66.00	1009.00
			983809	334.19	335.19	1.00	0.44		1.00	64.00	573.00
			983811	335.19	336.19	1.00	0.49		0.50	62.00	127.00
			983812	336.19	337.19	1.00	0.10		0.50	81.00	238.00
			983813	337.19	338.19	1.00	0.11		2.00	88.00	409.00
			983814	338.19	339.19	1.00	0.10		0.50	58.00	251.00
			983815	339.19	340.19	1.00	0.27		1.00	71.00	385.00
			983816	340.19	341.18	0.99	0.15		2.00	105.00	491.00
341.18	360.00	BMS, Biotite Muscovite Schist BMS unit with weak sr alteration; common chl/epi alteration bands; many which carry sulfides. Poorly mineralized otherwise.	983817	341.18	342.68	1.50	0.08		0.50	114.00	93.00
			983818	342.68	344.18	1.50	0.04		0.50	41.00	65.00
			983819	344.18	345.18	1.00	0.50		2.00	195.00	191.00
			983821	345.18	346.18	1.00	1.31		3.00	263.00	1245.00
			983822	346.18	347.68	1.50	0.48		0.50	58.00	877.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983702	60.00	61.37	0.0170		0.5000	41.0000	474.0000
983703	61.37	62.50	0.0220		1.0000	385.0000	296.0000
983704	62.50	64.00	0.0140		0.5000	93.0000	148.0000

Hole Number: TL11147

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983705	64.00	65.50	0.0080		0.5000	19.0000	34.0000
983707	65.50	67.00	0.0120		0.5000	27.0000	23.0000
983708	67.00	68.00	0.0140		0.5000	25.0000	39.0000
983709	68.00	68.88	0.0110		0.5000	19.0000	26.0000
983711	68.88	70.38	0.0180		0.5000	92.0000	205.0000
983712	154.50	156.00	0.2410		3.0000	2677.0000	10732.0000
983713	156.00	157.60	0.2030		2.0000	1287.0000	3184.0000
983714	166.38	167.88	0.0500		0.5000	64.0000	147.0000
983715	167.88	169.50	0.0270		0.5000	37.0000	38.0000
983716	169.50	171.00	0.4190		3.0000	82.0000	341.0000
983717	171.00	172.50	0.0100		0.5000	23.0000	19.0000
983718	172.50	174.00	0.0170		0.5000	24.0000	22.0000
983719	174.00	175.50	0.0070		0.5000	30.0000	19.0000
983721	175.50	177.00	0.0110		0.5000	30.0000	13.0000
983722	177.00	178.50	0.0110		0.5000	23.0000	14.0000
983723	178.50	180.00	0.0110		0.5000	38.0000	17.0000
983724	180.00	181.50	0.0070		0.5000	28.0000	12.0000
983725	181.50	183.00	0.0050		0.5000	22.0000	21.0000
983727	183.00	184.50	0.0080		0.5000	15.0000	22.0000
983728	184.50	185.52	0.0150		0.5000	47.0000	41.0000
983729	185.52	187.00	0.0280		0.5000	40.0000	53.0000
983731	212.45	213.95	0.0100		3.0000	82.0000	129.0000
983732	213.95	214.95	0.0370		0.5000	70.0000	127.0000
983733	214.95	216.45	0.0870		0.5000	82.0000	204.0000
983734	216.45	217.95	0.0760		0.5000	59.0000	88.0000
983735	227.00	228.25	0.0530		0.5000	91.0000	106.0000
983736	228.25	229.50	0.7600		4.0000	237.0000	229.0000
983737	229.50	231.00	0.2160		0.5000	88.0000	215.0000
983738	231.00	232.50	0.0650		0.5000	83.0000	112.0000
983739	232.50	233.50	0.0740		0.5000	61.0000	73.0000
983741	233.50	234.00	1.8810		10.0000	1099.0000	2341.0000
983742	234.00	235.50	0.0670		0.5000	71.0000	95.0000
983743	235.50	236.50	0.1340		0.5000	80.0000	63.0000
983744	236.50	237.50	0.7250		0.5000	53.0000	55.0000
983745	237.50	238.50	0.3170		1.0000	125.0000	271.0000
983747	238.50	240.00	0.2210		3.0000	103.0000	141.0000
983748	240.00	241.50	0.0750		0.5000	45.0000	61.0000
983749	241.50	242.50	0.2060		0.5000	50.0000	74.0000
983751	242.50	244.00	1.2230		2.0000	171.0000	284.0000

Hole Number: TL11147

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983752	244.00	245.00	0.5660		0.5000	67.0000	71.0000
983753	245.00	246.00	0.8450		0.5000	35.0000	51.0000
983754	246.00	247.00	0.3370		0.5000	41.0000	69.0000
983755	247.00	248.00	0.1290		0.5000	30.0000	317.0000
983756	248.00	249.00	0.1340		0.5000	53.0000	69.0000
983757	249.00	250.00	0.3130		0.5000	74.0000	166.0000
983758	250.00	251.00	0.3670		4.0000	346.0000	394.0000
983759	251.00	252.00	1.4920		1.0000	143.0000	137.0000
983761	252.00	253.50	16.6770	12.7740	2.0000	235.0000	460.0000
983762	253.50	255.00	0.0340		0.5000	26.0000	72.0000
983763	255.00	256.50	0.0180		0.5000	27.0000	36.0000
983764	256.50	258.00	0.0100		0.5000	13.0000	47.0000
983765	258.00	259.50	0.0070		0.5000	24.0000	78.0000
983767	259.50	261.00	0.0080		0.5000	27.0000	86.0000
983768	261.00	262.50	0.0140		0.5000	23.0000	68.0000
983769	262.50	264.00	0.0100		0.5000	18.0000	79.0000
983771	264.00	265.50	0.0110		0.5000	9.0000	47.0000
983772	265.50	267.00	0.0040		0.5000	24.0000	47.0000
983773	267.00	268.00	0.0020		0.5000	19.0000	46.0000
983774	268.00	269.00	0.0050		0.5000	28.0000	29.0000
983775	269.00	270.00	0.0080		0.5000	21.0000	72.0000
983776	270.00	271.50	0.0020		0.5000	23.0000	54.0000
983777	271.50	273.00	0.0050		0.5000	17.0000	16.0000
983778	273.00	274.50	0.0005		0.5000	23.0000	43.0000
983779	274.50	276.00	0.0130		0.5000	16.0000	80.0000
983781	276.00	277.50	0.0030		0.5000	19.0000	53.0000
983782	277.50	279.00	0.0050		0.5000	24.0000	29.0000
983783	279.00	280.50	0.0270		0.5000	21.0000	18.0000
983784	280.50	282.00	0.0050		0.5000	19.0000	27.0000
983785	282.00	283.00	0.0080		0.5000	20.0000	25.0000
983787	283.00	284.50	0.0070		0.5000	20.0000	45.0000
983788	310.50	312.00	0.0090		0.5000	37.0000	52.0000
983789	312.00	313.50	0.0130		0.5000	33.0000	226.0000
983791	313.50	315.00	0.0100		5.0000	119.0000	195.0000
983792	315.00	316.50	0.0230		0.5000	23.0000	61.0000
983793	316.50	318.00	0.0240		0.5000	19.0000	47.0000
983794	318.00	319.50	0.0190		0.5000	38.0000	54.0000
983795	319.50	321.00	0.0210		0.5000	36.0000	60.0000
983796	321.00	322.50	0.0460		0.5000	37.0000	42.0000

Hole Number: TL11147

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983797	322.50	324.18	0.1700		0.5000	105.0000	246.0000
983798	324.18	325.08	0.0800		0.5000	129.0000	121.0000
983799	325.08	326.58	1.0350		5.0000	647.0000	1337.0000
983801	326.58	327.58	0.0160		0.5000	64.0000	84.0000
983802	327.58	328.69	0.0130		0.5000	54.0000	78.0000
983803	328.69	329.69	0.1130		1.0000	66.0000	615.0000
983804	329.69	331.19	0.2480		1.0000	69.0000	65.0000
983805	331.19	332.19	0.0410		0.5000	56.0000	64.0000
983807	332.19	333.19	0.1190		1.0000	69.0000	114.0000
983808	333.19	334.19	0.4370		1.0000	66.0000	1009.0000
983809	334.19	335.19	0.4400		1.0000	64.0000	573.0000
983811	335.19	336.19	0.4850		0.5000	62.0000	127.0000
983812	336.19	337.19	0.0950		0.5000	81.0000	238.0000
983813	337.19	338.19	0.1090		2.0000	88.0000	409.0000
983814	338.19	339.19	0.0950		0.5000	58.0000	251.0000
983815	339.19	340.19	0.2700		1.0000	71.0000	385.0000
983816	340.19	341.18	0.1530		2.0000	105.0000	491.0000
983817	341.18	342.68	0.0800		0.5000	114.0000	93.0000
983818	342.68	344.18	0.0350		0.5000	41.0000	65.0000
983819	344.18	345.18	0.4980		2.0000	195.0000	191.0000
983821	345.18	346.18	1.3140		3.0000	263.0000	1245.0000
983822	346.18	347.68	0.4760		0.5000	58.0000	877.0000
Sample Type	CDUP						
983706	64.00	65.50	0.0080		0.5000	10.0000	19.0000
983726	181.50	183.00	0.0120		0.5000	24.0000	18.0000
983746	237.50	238.50	0.2250		2.0000	103.0000	166.0000
983766	258.00	259.50	0.0060		0.5000	27.0000	77.0000
983786	282.00	283.00	0.0080		0.5000	24.0000	25.0000
983806	331.19	332.19	0.0350		0.5000	51.0000	60.0000

# DETAILED LOG

Hole Number: TL11148

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -66.00
Project Number: TMI-TL	North: 5511969.03	North:	Collar Az: 313.00
Location: Zealand Township	East: 528406.63	East:	Length: 330.00
	Elev: 396.25	Elev:	Start Depth: 0.00
Date Started: Apr 11, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Apr 12, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 330.00

Comments: Main Zone found at 196.12-256.05 m. 2-3% pyrite + 1% sphalerite + trace galena and chalcopyrite.  
 C zone found at 287.21-315.00 m. 1-2% pyrite + trace sphalerite and pyrrhotite.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	309.00	-68.00	EZ Sho	OK		18.00	310.40	-67.20	EZ Sho	OK	
51.00	312.80	-66.30	EZ Sho	OK		102.00	314.90	-64.60	EZ Sho	OK	
150.00	316.00	-63.80	EZ Sho	OK		201.00	314.40	-62.30	EZ Sho	OK	
252.00	316.10	-61.00	EZ Sho	OK		300.00	317.00	-59.30	EZ Sho	OK	
330.00	317.70	-58.30	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	4.75	OB, Overburden									
4.75	20.27	BMS, Biotite Muscovite Schist Small BMS wtih weak sr/chl-epi alteration: poorly mineralized	1007363	18.77	20.27	1.50	0.01		0.50	33.00	77.00
20.27	29.33	MSS, Muscovite Sericite Schist Small shallow hangingwall MSS zone. Strong sr alteration with moderate to strong silicification. 3-4% diss. py with common local stringers	1007364	20.27	21.50	1.23	0.00		0.50	28.00	36.00
			1007365	21.50	23.00	1.50	0.01		0.50	24.00	51.00
			1007366	21.50	23.00	1.50	0.00		0.50	27.00	47.00
			1007367	23.00	24.50	1.50	0.01		0.50	34.00	105.00
			1007368	24.50	26.00	1.50	0.01		0.50	30.00	127.00
			1007369	26.00	27.50	1.50	0.01		0.50	21.00	19.00
			1007371	27.50	28.50	1.00	0.01		0.50	39.00	103.00
			1007372	28.50	29.33	0.83	0.01		0.50	23.00	40.00

Hole Number: TL11148

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
29.33	135.36	BMS, Biotite Muscovite Schist Irregular BMS zone with an interval of strong fuch/chl/qz/amph from 50 - 63m. Then becomes less banded and looks more like a meta-sed near the centre of the unit. At ~120m it starts to increase in sr alteration; transitioning into the next MSS unit. Around the start of the transition are several boudinaged chl/epi bands/qz veins which contain increased sulfides (sph/gn/cpy).	1007373	29.33	30.83	1.50	0.04		2.00	325.00	262.00
			1007374	49.10	50.10	1.00	0.19		0.50	186.00	1384.00
			1007375	50.10	51.10	1.00	0.01		0.50	18.00	84.00
			1007376	51.10	52.60	1.50	0.00		0.50	7.00	19.00
			1007377	52.60	54.10	1.50	0.01		0.50	9.00	31.00
			1007378	54.10	55.60	1.50	0.28		0.50	15.00	42.00
			1007379	55.60	57.10	1.50	0.21		0.50	15.00	29.00
			1007381	117.66	119.16	1.50	0.34		4.00	507.00	3994.00
			1007382	119.16	120.16	1.00	0.31		4.00	3423.00	1274.00
			1007383	120.16	121.66	1.50	0.09		1.00	851.00	1079.00
			1007384	121.66	123.16	1.50	0.08		0.50	266.00	80.00
			1007386	134.00	135.36	1.36	0.24		2.00	54.00	100.00
			1007385	134.00	135.36	1.36	0.26		1.00	68.00	98.00
135.36	151.22	MSS, Muscovite Sericite Schist Small shallow hangingwall MSS zone. Strong sr alteration with moderate to strong silicification. Poorly mineralized	1007387	135.36	136.50	1.14	0.01		0.50	34.00	47.00
			1007388	136.50	138.00	1.50	0.02		0.50	23.00	62.00
			1007389	138.00	139.50	1.50	0.01		0.50	19.00	16.00
			1007391	139.50	141.00	1.50	0.01		0.50	15.00	14.00
			1007392	141.00	142.50	1.50	0.01		0.50	15.00	17.00
			1007393	142.50	144.00	1.50	0.02		0.50	37.00	69.00
			1007394	144.00	145.50	1.50	0.01		0.50	56.00	33.00
			1007395	145.50	147.00	1.50	0.02		0.50	101.00	245.00
			1007396	147.00	148.50	1.50	0.01		0.50	29.00	17.00
			1007397	148.50	150.00	1.50	0.01		0.50	22.00	64.00
			1007398	150.00	151.22	1.22	0.02		0.50	104.00	148.00
151.22	196.12	BMS, Biotite Muscovite Schist Typical BMS zone; weak sr alteration with local intervals (.5-1m) of stronger sericite. Common chl/epi alteration bands and qz veins. Poorly mineralized	1007399	151.22	152.72	1.50	0.01		0.50	26.00	56.00
			1007401	194.62	196.12	1.50	0.34		9.00	160.00	307.00

# DETAILED LOG

Hole Number: TL11148

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
196.12	256.05	MSS, Muscovite Sericite Schist	1007402	196.12	197.00	0.88	0.10		4.00	440.00	607.00
		MSS main zone; first 20m are strongly sericitized with common sulfide stringers (py; sph; ank; cpy; gn); After that slightly more bio with rare sulfide stringers. A break of strong sr alteration at 231-240 where there is weak sr. Could be a section which was not altered or could be a start to a new; nearby MSS zone.	1007403	197.00	198.00	1.00	0.07		4.00	755.00	353.00
			1007404	198.00	199.10	1.10	0.04		4.00	784.00	781.00
			1007406	199.10	200.60	1.50	0.05		0.50	84.00	154.00
			1007405	199.10	200.60	1.50	0.06		0.50	116.00	380.00
			1007407	200.60	202.10	1.50	2.44		6.00	1126.00	4461.00
			1007408	202.10	203.10	1.00	0.15		0.50	121.00	373.00
			1007409	203.10	204.10	1.00	0.06		0.50	81.00	110.00
			1007411	204.10	205.00	0.90	0.07		1.00	72.00	135.00
			1007412	205.00	206.00	1.00	0.52		5.00	237.00	919.00
			1007413	206.00	207.00	1.00	0.31		3.00	212.00	384.00
			1007414	207.00	208.00	1.00	2.44		10.00	880.00	1898.00
			1007415	208.00	209.00	1.00	0.41		3.00	106.00	145.00
			1007416	209.00	210.00	1.00	0.32		3.00	57.00	41.00
			1007417	210.00	211.00	1.00	0.11		2.00	51.00	54.00
			1007418	211.00	212.00	1.00	0.15		3.00	224.00	80.00
			1007419	212.00	213.00	1.00	1.10		2.00	56.00	66.00
			1007421	213.00	214.50	1.50	0.07		2.00	308.00	1482.00
			1007422	214.50	215.50	1.00	0.69		6.00	1688.00	2079.00
			1007423	215.50	216.50	1.00	0.34		2.00	467.00	896.00
			1007424	216.50	217.50	1.00	0.05		2.00	72.00	92.00
			1007426	217.50	219.00	1.50	0.09		3.00	60.00	106.00
			1007425	217.50	219.00	1.50	0.05		2.00	56.00	100.00
			1007427	219.00	220.50	1.50	0.09		0.50	78.00	65.00
			1007428	220.50	222.00	1.50	0.05		1.00	77.00	255.00
			1007429	222.00	223.50	1.50	0.41		5.00	487.00	896.00
			1007431	223.50	225.00	1.50	0.08		2.00	74.00	120.00
			1007432	225.00	226.50	1.50	0.05		2.00	81.00	348.00
			1007433	226.50	228.00	1.50	0.02		2.00	19.00	74.00
			1007434	228.00	229.50	1.50	0.01		3.00	17.00	35.00
			1007435	229.50	231.00	1.50	0.00		2.00	28.00	42.00
			1007436	231.00	232.50	1.50	0.01		2.00	10.00	63.00
			1007437	232.50	234.00	1.50	0.03		0.50	6.00	53.00
			1007438	234.00	235.50	1.50	0.01		3.00	8.00	88.00
			1007439	235.50	237.00	1.50	0.00		2.00	5.00	72.00
			1007441	237.00	238.50	1.50	0.01		6.00	101.00	135.00
			1007442	238.50	240.00	1.50	0.00		0.50	14.00	39.00
			1007443	240.00	241.50	1.50	0.01		2.00	16.00	24.00
			1007444	241.50	243.00	1.50	0.01		2.00	10.00	46.00
			1007445	243.00	244.50	1.50	0.01		1.00	20.00	35.00
			1007446	243.00	244.50	1.50	0.01		2.00	21.00	35.00
			1007447	244.50	246.00	1.50	0.01		2.00	10.00	10.00
			1007448	246.00	247.50	1.50	0.01		2.00	10.00	70.00



## DETAILED LOG

Hole Number: TL11148

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1007449	247.50	249.00	1.50	0.01		1.00	10.00	19.00
			1007451	249.00	250.50	1.50	0.01		2.00	8.00	18.00
			1007452	250.50	252.00	1.50	0.01		0.50	12.00	23.00
			1007453	252.00	253.50	1.50	0.03		2.00	11.00	32.00
			1007454	253.50	255.00	1.50	0.01		0.50	8.00	26.00
			1007455	255.00	256.05	1.05	0.01		0.50	7.00	20.00
256.05	287.21	BMS, Biotite Muscovite Schist	1007456	256.05	257.55	1.50	0.01		2.00	11.00	33.00
		BMS zone with weak patchy Sr. Includes some qtz-amph veins. Poorly mineralized.	1007457	285.71	287.21	1.50	0.01		2.00	14.00	31.00
287.21	315.00	MSS, Muscovite Sericite Schist	1007458	287.21	288.71	1.50	0.04		0.50	15.00	34.00
		MSS C-zone; mod patchy Sr; with 3m interval of strong Sr. Weak mineralization. Last 15m of zone contains common sulfide stringers (py; sph; gn)	1007459	288.71	290.21	1.50	0.04		2.00	23.00	61.00
			1007461	290.21	291.50	1.29	0.18		7.00	41.00	306.00
			1007462	291.50	292.50	1.00	0.03		0.50	47.00	80.00
			1007463	292.50	294.00	1.50	0.03		0.50	36.00	151.00
			1007464	294.00	295.50	1.50	0.08		2.00	31.00	81.00
			1007465	295.50	297.00	1.50	0.05		2.00	34.00	56.00
			1007466	295.50	297.00	1.50	0.11		2.00	35.00	56.00
			1007467	297.00	298.50	1.50	0.05		3.00	50.00	52.00
			1007468	298.50	300.00	1.50	0.23		2.00	80.00	89.00
			1007469	300.00	301.50	1.50	0.09		2.00	35.00	53.00
			1007471	301.50	303.00	1.50	0.77		4.00	226.00	1018.00
			1007472	303.00	304.50	1.50	0.34		1.00	180.00	530.00
			1007473	304.50	306.00	1.50	0.15		1.00	58.00	87.00
			1007474	306.00	307.50	1.50	0.16		2.00	80.00	219.00
			1007475	307.50	309.00	1.50	0.16		3.00	69.00	134.00
			1007476	309.00	310.50	1.50	0.11		3.00	72.00	86.00
			1007477	310.50	312.00	1.50	0.10		0.50	78.00	475.00
			1007478	312.00	313.00	1.00	0.05		1.00	55.00	294.00
			1007479	313.00	314.00	1.00	0.46		3.00	793.00	2429.00
			1007481	314.00	315.00	1.00	0.08		2.00	58.00	137.00
315.00	330.00	BMS, Biotite Muscovite Schist	1007482	315.00	316.50	1.50	0.03		2.00	78.00	4479.00
		BMS zone; weakly Sr and mod Si; with erratic 1-40cm chl-ep alteration bands. Includes local patch of strong Sr from 321.77 to 324m. Local sulphides (py; sph; po; gln).	1007483	316.50	318.00	1.50	0.03		1.00	23.00	148.00
			1007484	318.00	319.50	1.50	0.02		1.00	19.00	82.00
			1007485	319.50	321.00	1.50	0.03		2.00	36.00	84.00
			1007486	319.50	321.00	1.50	0.03		1.00	41.00	80.00
			1007487	321.00	321.77	0.77	0.04		0.50	43.00	73.00
			1007488	321.77	322.40	0.63	0.17		2.00	40.00	268.00
			1007489	322.40	323.50	1.10	1.36		13.00	1603.00	6433.00
			1007491	323.50	324.00	0.50	0.06		28.00	2685.00	12074.00
			1007492	324.00	325.50	1.50	0.07		2.00	107.00	615.00

Hole Number: TL11148

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007363	18.77	20.27	0.0120		0.5000	33.0000	77.0000
1007364	20.27	21.50	0.0040		0.5000	28.0000	36.0000
1007365	21.50	23.00	0.0130		0.5000	24.0000	51.0000
1007367	23.00	24.50	0.0060		0.5000	34.0000	105.0000
1007368	24.50	26.00	0.0050		0.5000	30.0000	127.0000
1007369	26.00	27.50	0.0060		0.5000	21.0000	19.0000
1007371	27.50	28.50	0.0090		0.5000	39.0000	103.0000
1007372	28.50	29.33	0.0110		0.5000	23.0000	40.0000
1007373	29.33	30.83	0.0400		2.0000	325.0000	262.0000
1007374	49.10	50.10	0.1930		0.5000	186.0000	1384.0000
1007375	50.10	51.10	0.0060		0.5000	18.0000	84.0000
1007376	51.10	52.60	0.0030		0.5000	7.0000	19.0000
1007377	52.60	54.10	0.0080		0.5000	9.0000	31.0000
1007378	54.10	55.60	0.2830		0.5000	15.0000	42.0000
1007379	55.60	57.10	0.2050		0.5000	15.0000	29.0000
1007381	117.66	119.16	0.3350		4.0000	507.0000	3994.0000
1007382	119.16	120.16	0.3070		4.0000	3423.0000	1274.0000
1007383	120.16	121.66	0.0880		1.0000	851.0000	1079.0000
1007384	121.66	123.16	0.0840		0.5000	266.0000	80.0000
1007385	134.00	135.36	0.2550		1.0000	68.0000	98.0000
1007387	135.36	136.50	0.0140		0.5000	34.0000	47.0000
1007388	136.50	138.00	0.0160		0.5000	23.0000	62.0000
1007389	138.00	139.50	0.0130		0.5000	19.0000	16.0000
1007391	139.50	141.00	0.0100		0.5000	15.0000	14.0000
1007392	141.00	142.50	0.0110		0.5000	15.0000	17.0000
1007393	142.50	144.00	0.0200		0.5000	37.0000	69.0000
1007394	144.00	145.50	0.0130		0.5000	56.0000	33.0000
1007395	145.50	147.00	0.0220		0.5000	101.0000	245.0000
1007396	147.00	148.50	0.0080		0.5000	29.0000	17.0000
1007397	148.50	150.00	0.0100		0.5000	22.0000	64.0000
1007398	150.00	151.22	0.0220		0.5000	104.0000	148.0000
1007399	151.22	152.72	0.0110		0.5000	26.0000	56.0000
1007401	194.62	196.12	0.3440		9.0000	160.0000	307.0000
1007402	196.12	197.00	0.0960		4.0000	440.0000	607.0000
1007403	197.00	198.00	0.0670		4.0000	755.0000	353.0000
1007404	198.00	199.10	0.0390		4.0000	784.0000	781.0000
1007405	199.10	200.60	0.0630		0.5000	116.0000	380.0000
1007407	200.60	202.10	2.4430		6.0000	1126.0000	4461.0000
1007408	202.10	203.10	0.1540		0.5000	121.0000	373.0000

Hole Number: TL11148

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007409	203.10	204.10	0.0620		0.5000	81.0000	110.0000
1007411	204.10	205.00	0.0740		1.0000	72.0000	135.0000
1007412	205.00	206.00	0.5160		5.0000	237.0000	919.0000
1007413	206.00	207.00	0.3140		3.0000	212.0000	384.0000
1007414	207.00	208.00	2.4370		10.0000	880.0000	1898.0000
1007415	208.00	209.00	0.4070		3.0000	106.0000	145.0000
1007416	209.00	210.00	0.3240		3.0000	57.0000	41.0000
1007417	210.00	211.00	0.1120		2.0000	51.0000	54.0000
1007418	211.00	212.00	0.1470		3.0000	224.0000	80.0000
1007419	212.00	213.00	1.1020		2.0000	56.0000	66.0000
1007421	213.00	214.50	0.0650		2.0000	308.0000	1482.0000
1007422	214.50	215.50	0.6890		6.0000	1688.0000	2079.0000
1007423	215.50	216.50	0.3440		2.0000	467.0000	896.0000
1007424	216.50	217.50	0.0510		2.0000	72.0000	92.0000
1007425	217.50	219.00	0.0490		2.0000	56.0000	100.0000
1007427	219.00	220.50	0.0920		0.5000	78.0000	65.0000
1007428	220.50	222.00	0.0460		1.0000	77.0000	255.0000
1007429	222.00	223.50	0.4110		5.0000	487.0000	896.0000
1007431	223.50	225.00	0.0780		2.0000	74.0000	120.0000
1007432	225.00	226.50	0.0470		2.0000	81.0000	348.0000
1007433	226.50	228.00	0.0180		2.0000	19.0000	74.0000
1007434	228.00	229.50	0.0050		3.0000	17.0000	35.0000
1007435	229.50	231.00	0.0020		2.0000	28.0000	42.0000
1007436	231.00	232.50	0.0070		2.0000	10.0000	63.0000
1007437	232.50	234.00	0.0300		0.5000	6.0000	53.0000
1007438	234.00	235.50	0.0100		3.0000	8.0000	88.0000
1007439	235.50	237.00	0.0040		2.0000	5.0000	72.0000
1007441	237.00	238.50	0.0090		6.0000	101.0000	135.0000
1007442	238.50	240.00	0.0040		0.5000	14.0000	39.0000
1007443	240.00	241.50	0.0070		2.0000	16.0000	24.0000
1007444	241.50	243.00	0.0070		2.0000	10.0000	46.0000
1007445	243.00	244.50	0.0100		1.0000	20.0000	35.0000
1007447	244.50	246.00	0.0100		2.0000	10.0000	10.0000
1007448	246.00	247.50	0.0080		2.0000	10.0000	70.0000
1007449	247.50	249.00	0.0090		1.0000	10.0000	19.0000
1007451	249.00	250.50	0.0070		2.0000	8.0000	18.0000
1007452	250.50	252.00	0.0060		0.5000	12.0000	23.0000
1007453	252.00	253.50	0.0310		2.0000	11.0000	32.0000
1007454	253.50	255.00	0.0080		0.5000	8.0000	26.0000

Hole Number: TL11148

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007455	255.00	256.05	0.0060		0.5000	7.0000	20.0000
1007456	256.05	257.55	0.0060		2.0000	11.0000	33.0000
1007457	285.71	287.21	0.0140		2.0000	14.0000	31.0000
1007458	287.21	288.71	0.0430		0.5000	15.0000	34.0000
1007459	288.71	290.21	0.0390		2.0000	23.0000	61.0000
1007461	290.21	291.50	0.1800		7.0000	41.0000	306.0000
1007462	291.50	292.50	0.0340		0.5000	47.0000	80.0000
1007463	292.50	294.00	0.0300		0.5000	36.0000	151.0000
1007464	294.00	295.50	0.0820		2.0000	31.0000	81.0000
1007465	295.50	297.00	0.0490		2.0000	34.0000	56.0000
1007467	297.00	298.50	0.0480		3.0000	50.0000	52.0000
1007468	298.50	300.00	0.2270		2.0000	80.0000	89.0000
1007469	300.00	301.50	0.0890		2.0000	35.0000	53.0000
1007471	301.50	303.00	0.7700		4.0000	226.0000	1018.0000
1007472	303.00	304.50	0.3440		1.0000	180.0000	530.0000
1007473	304.50	306.00	0.1530		1.0000	58.0000	87.0000
1007474	306.00	307.50	0.1640		2.0000	80.0000	219.0000
1007475	307.50	309.00	0.1560		3.0000	69.0000	134.0000
1007476	309.00	310.50	0.1120		3.0000	72.0000	86.0000
1007477	310.50	312.00	0.0950		0.5000	78.0000	475.0000
1007478	312.00	313.00	0.0460		1.0000	55.0000	294.0000
1007479	313.00	314.00	0.4590		3.0000	793.0000	2429.0000
1007481	314.00	315.00	0.0780		2.0000	58.0000	137.0000
1007482	315.00	316.50	0.0270		2.0000	78.0000	4479.0000
1007483	316.50	318.00	0.0300		1.0000	23.0000	148.0000
1007484	318.00	319.50	0.0230		1.0000	19.0000	82.0000
1007485	319.50	321.00	0.0300		2.0000	36.0000	84.0000
1007487	321.00	321.77	0.0390		0.5000	43.0000	73.0000
1007488	321.77	322.40	0.1670		2.0000	40.0000	268.0000
1007489	322.40	323.50	1.3600		13.0000	1603.0000	6433.0000
1007491	323.50	324.00	0.0620		28.0000	2685.0000	12074.0000
1007492	324.00	325.50	0.0720		2.0000	107.0000	615.0000
Sample Type	CDUP						
1007366	21.50	23.00	0.0040		0.5000	27.0000	47.0000
1007386	134.00	135.36	0.2360		2.0000	54.0000	100.0000
1007406	199.10	200.60	0.0470		0.5000	84.0000	154.0000
1007426	217.50	219.00	0.0930		3.0000	60.0000	106.0000
1007446	243.00	244.50	0.0080		2.0000	21.0000	35.0000
1007466	295.50	297.00	0.1080		2.0000	35.0000	56.0000

Hole Number: TL11148

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type CDUP							
1007486	319.50	321.00	0.0280		1.0000	41.0000	80.0000

# DETAILED LOG

Hole Number: TL11149

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -66.00
Project Number: TMI-TL	North: 5511709.83	North:	Collar Az: 310.00
Location: Zealand Township	East: 528393.31	East:	Length: 654.00
	Elev: 387.98	Elev:	Start Depth: 0.00
Date Started: Apr 12, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Apr 19, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Railside Sports and Marine
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 654.00

Comments: Main Zone from 520.47-573.18 m. 1-2% pyrite , sphalerite and pyrrhotite. Trace-1% galena.  
 V.G found at 526.95-527.45. 8 blebs up to 1 mm in size; found around the core near and within pyrite/sphalerite/galena stringers parallel to foliation.  
 C Zone from 604.68-620.70 m.  
 2-4% pyrite + 1-2% sphalerite + trace chalcopyrite, galena and pyrrhotite.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	309.00	-66.00	EZ Sho	OK		30.00	310.00	-65.80	EZ Sho	OK	
51.00	311.10	-65.60	EZ Sho	OK		105.00	313.00	-64.70	EZ Sho	OK	
150.00	313.80	-63.90	EZ Sho	OK		204.00	316.10	-62.40	EZ Sho	OK	
252.00	316.50	-61.80	EZ Sho	OK		306.00	320.30	-61.50	EZ Sho	OK	
354.00	321.20	-60.90	EZ Sho	OK		402.00	325.40	-59.70	EZ Sho	OK	
456.00	327.70	-58.70	EZ Sho	OK		504.00	330.00	-57.50	EZ Sho	OK	
552.00	332.20	-56.30	EZ Sho	OK		600.00	334.90	-54.50	EZ Sho	OK	
654.00	338.00	-52.10	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	19.80	OB, Overburden									
19.80	204.91	MSED, Metasediment "Large black metased unit. Local Intervals of coarser grained qz-fsp through matrix of finer grained. Increased epi/chl alteration between 45 - 115m accompanied by potassic alteration (found as kfsp crystals) near some fractures. Very weak foliation that gradually appears within local intervals at ~40-45 deg TCA.Interval (178.63-185.38)of coarser grains with very sharp contacts at about 40 deg."									
204.91	474.69	BMS, Biotite Muscovite Schist Extensive BMS unit; with wk Sr and Chl/Ep. Poorly mineralized. Includes a highly fractured fault zones with local lithified gouges (368.65-371.77m).	983823	473.19	474.69	1.50	0.01		1.00	11.00	105.00

## DETAILED LOG

Hole Number: TL11149

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
474.69	494.60	MSS, Muscovite Sericite Schist Weakly mineralized; strongly Sr and Si MSS.	983824	474.69	476.00	1.31	0.01		1.00	17.00	128.0
			983826	476.00	477.00	1.00	0.01		1.00	13.00	671.0
			983825	476.00	477.00	1.00	0.01		1.00	14.00	212.0
			983827	477.00	478.50	1.50	0.00		1.00	18.00	1209.0
			983828	478.50	480.00	1.50	0.00		1.00	17.00	100.0
			983829	480.00	481.50	1.50	0.00		1.00	25.00	89.0
			983831	481.50	483.00	1.50	0.02		1.00	19.00	90.0
			983832	483.00	484.50	1.50	0.01		1.00	14.00	115.0
			983833	484.50	486.00	1.50	0.00		1.00	18.00	345.0
			983834	486.00	487.50	1.50	0.01		0.50	39.00	209.0
			983835	487.50	489.00	1.50	0.01		1.00	46.00	152.0
			983836	489.00	490.50	1.50	0.03		1.00	11.00	43.0
			983837	490.50	492.00	1.50	0.01		1.00	13.00	54.0
			983838	492.00	493.50	1.50	0.01		1.00	9.00	45.0
983839	493.50	494.60	1.10	0.13		1.00	8.00	45.0			
494.60	520.47	BMS, Biotite Muscovite Schist BMS unit; weak to moderately Sr. Weakly mineralized.	983841	494.60	496.10	1.50	0.01		1.00	14.00	96.0
			983842	496.10	497.60	1.50	0.04		1.00	31.00	102.0
			983843	497.60	499.00	1.40	0.02		0.50	16.00	59.0
			983844	499.00	500.00	1.00	0.02		0.50	21.00	59.0
			983846	500.00	501.00	1.00	0.01		0.50	20.00	56.0
			983845	500.00	501.00	1.00	0.02		0.50	19.00	52.0
			983847	501.00	502.50	1.50	0.02		0.50	15.00	58.0
			983848	502.50	504.00	1.50	0.02		0.50	21.00	87.0
			983849	504.00	505.50	1.50	0.03		0.50	18.00	53.0
			983851	505.50	507.00	1.50	0.06		0.50	41.00	74.0
			983852	507.00	508.50	1.50	0.02		0.50	37.00	134.0
			983853	508.50	510.00	1.50	0.02		0.50	56.00	100.0
			983854	510.00	511.50	1.50	0.03		0.50	28.00	91.0
			983855	511.50	513.00	1.50	0.02		0.50	23.00	43.0
			983856	513.00	514.50	1.50	0.02		0.50	26.00	34.0
			983857	514.50	516.00	1.50	0.03		0.50	62.00	132.0
			983858	516.00	517.50	1.50	0.01		0.50	38.00	41.0
			983859	517.50	519.00	1.50	0.02		0.50	137.00	228.0
983861	519.00	520.47	1.47	0.02		0.50	20.00	47.0			

# DETAILED LOG

Hole Number: TL11149

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
520.47	573.18	MSS, Muscovite Sericite Schist	983862	520.47	522.00	1.53	0.08		0.50	221.00	115.00
		MSS main zone; weakly to moderately sericitized with common sulfide stringers (py; sph; po; gln) from 531.35 to 537.84m. Before and after that slightly more bio with some sulfide stringers.	983863	522.00	523.00	1.00	0.03		0.50	47.00	208.00
			983864	523.00	524.00	1.00	0.44		0.50	120.00	156.00
			983865	524.00	525.00	1.00	0.08		0.50	54.00	83.00
			983866	524.00	525.00	1.00	0.05		0.50	44.00	76.00
			983867	525.00	526.00	1.00	0.10		0.50	109.00	284.00
			983868	526.00	526.95	0.95	0.30	0.22	0.50	315.00	435.00
			983869	526.95	527.45	0.50	0.40	27.20	19.00	1523.00	2281.00
			983871	527.45	528.00	0.55	0.13	0.21	0.50	60.00	138.00
			983872	528.00	529.00	1.00	0.30		0.50	84.00	146.00
			983873	529.00	530.00	1.00	0.69	0.41	0.50	91.00	104.00
			983874	530.00	531.23	1.23	0.24	0.16	0.50	82.00	123.00
			983875	531.23	531.73	0.50	1.36	2.49	30.00	3155.00	3583.00
			983876	531.73	533.00	1.27	0.37	0.38	0.50	206.00	547.00
			983877	533.00	534.32	1.32	0.56	0.72	0.50	291.00	503.00
			983878	534.32	535.32	1.00	1.22	1.85	11.00	1706.00	5405.00
			983879	535.32	536.63	1.31	0.74	0.71	0.50	199.00	300.00
			983881	536.63	537.84	1.21	0.75	0.59	0.50	286.00	947.00
			983882	537.84	539.06	1.22	0.07		0.50	74.00	122.00
			983883	539.06	539.61	0.55	0.01		0.50	52.00	130.00
			983884	539.61	541.24	1.63	0.18		0.50	55.00	148.00
			983885	541.24	542.24	1.00	0.18		9.00	1520.00	3674.00
			983886	541.24	542.24	1.00	0.23		8.00	1828.00	2968.00
			983887	542.24	543.50	1.26	0.25		0.50	157.00	420.00
			983888	543.50	545.00	1.50	0.03		0.50	28.00	64.00
			983889	545.00	546.50	1.50	0.02		0.50	16.00	46.00
			983891	546.50	547.50	1.00	0.01		0.50	11.00	30.00
			983892	547.50	548.75	1.25	0.01		0.50	7.00	40.00
			983893	548.75	550.00	1.25	0.01		0.50	11.00	36.00
			983894	550.00	551.00	1.00	0.01		0.50	12.00	57.00
			983895	551.00	552.00	1.00	0.03		0.50	16.00	158.00
			983896	552.00	553.50	1.50	0.01		0.50	11.00	120.00
			983897	553.50	555.00	1.50	0.01		0.50	11.00	48.00
			983898	555.00	556.50	1.50	0.02		0.50	17.00	54.00
			983899	556.50	558.00	1.50	0.11		11.00	75.00	103.00
			983901	558.00	559.50	1.50	0.10		18.00	88.00	252.00
			983902	559.50	561.00	1.50	0.00		0.50	17.00	29.00
			983903	561.00	562.50	1.50	0.13		0.50	22.00	35.00
			983904	562.50	564.00	1.50	0.01		0.50	129.00	341.00
			983906	564.00	565.50	1.50	0.01		0.50	23.00	54.00
			983905	564.00	565.50	1.50	0.00		0.50	23.00	48.00
			983907	565.50	567.00	1.50	0.01		0.50	17.00	34.00
			983908	567.00	568.50	1.50	0.01		0.50	17.00	40.00



# DETAILED LOG

Hole Number: TL11149

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			983909	568.50	570.00	1.50	0.09		8.00	52.00	679.00
			983911	570.00	571.50	1.50	0.02		0.50	38.00	64.00
			983912	571.50	573.18	1.68	0.01		0.50	21.00	25.00
573.18	604.68	BMS, Biotite Muscovite Schist Weakly sericitized BMS zone. Poorly mineralized (some py stringers).	983913	573.18	574.68	1.50	0.02		0.50	15.00	66.00
			983914	603.18	604.68	1.50	0.19		0.50	57.00	64.00
604.68	620.70	MSS, Muscovite Sericite Schist MSS C zone which is strongly sericitized with uncommon ch/ep bands and qtz veins. Weak semi-pervasive silica altn. 3-4% diss py with common stringers. Local cp at 1% with local increase to 2-3% from 613.3-613.4. Trace to 1% po with an incr to 3% from 616.9-617. Not magnetic. 1-2% sph stringers throughout. Trace to 1% galena; local increase from 613.3-613.4 to 5%.	983915	604.68	606.00	1.32	0.32		0.50	33.00	44.00
			983916	606.00	607.00	1.00	0.58		0.50	36.00	92.00
			983917	607.00	607.80	0.80	0.09		0.50	33.00	53.00
			983918	607.80	608.60	0.80	0.08		1.00	53.00	306.00
			983919	608.60	609.30	0.70	0.38		3.00	130.00	5134.00
			983921	609.30	610.30	1.00	0.03		1.00	42.00	102.00
			983922	610.30	611.30	1.00	0.06		1.00	26.00	99.00
			983923	611.30	612.16	0.86	0.02		1.00	41.00	67.00
			983924	612.16	613.00	0.84	0.02		5.00	359.00	1737.00
			983925	613.00	613.50	0.50	0.55		50.00	12552.00	4488.00
			983926	613.00	613.50	0.50	1.26		11.00	1416.00	1313.00
			983927	613.50	614.50	1.00	0.16		1.00	81.00	268.00
			983928	614.50	615.50	1.00	0.05		1.00	43.00	84.00
			983929	615.50	616.50	1.00	0.04		0.50	106.00	240.00
			983931	616.50	617.50	1.00	0.16		1.00	35.00	170.00
			983932	617.50	618.50	1.00	0.10		1.00	79.00	944.00
			983933	618.50	619.50	1.00	0.09		2.00	278.00	789.00
			983934	619.50	620.70	1.20	0.02		1.00	46.00	217.00
620.70	654.00	BMS, Biotite Muscovite Schist Typical BMS with common fracturing at various orientations. One F2 fold at 629.30-629.45m. Beginning of interval is a gradational contact with increased ser content. Small ch/ep bands throughout with local massive chl/ep bands with strong silicification at 640.04-640.35m and 648.33-649m. Rare qtz veins. 1-2% py and sph and trace po and trace to 1% asp.	983935	620.70	622.20	1.50	0.03		1.00	48.00	188.00
			983936	622.20	623.70	1.50	0.16		1.00	28.00	111.00
			983937	623.70	625.35	1.65	0.41		2.00	127.00	1623.00
			983938	637.62	638.73	1.11	0.24		1.00	23.00	932.00
			983939	648.00	649.50	1.50	0.07		0.50	13.00	99.00
			983941	649.50	651.00	1.50	0.01		0.50	15.00	168.00
			983942	651.00	652.50	1.50	0.05		1.00	17.00	323.00
			983943	652.50	654.00	1.50	0.37		2.00	31.00	531.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983823	473.19	474.69	0.0080		1.0000	11.0000	105.0000
983824	474.69	476.00	0.0080		1.0000	17.0000	128.0000
983825	476.00	477.00	0.0070		1.0000	14.0000	212.0000
983827	477.00	478.50	0.0040		1.0000	18.0000	1209.0000
983828	478.50	480.00	0.0040		1.0000	17.0000	100.0000
983829	480.00	481.50	0.0040		1.0000	25.0000	89.0000
983831	481.50	483.00	0.0170		1.0000	19.0000	90.0000

Hole Number: TL11149

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983832	483.00	484.50	0.0080		1.0000	14.0000	115.0000
983833	484.50	486.00	0.0030		1.0000	18.0000	345.0000
983834	486.00	487.50	0.0100		0.5000	39.0000	209.0000
983835	487.50	489.00	0.0100		1.0000	46.0000	152.0000
983836	489.00	490.50	0.0270		1.0000	11.0000	43.0000
983837	490.50	492.00	0.0100		1.0000	13.0000	54.0000
983838	492.00	493.50	0.0050		1.0000	9.0000	45.0000
983839	493.50	494.60	0.1280		1.0000	8.0000	45.0000
983841	494.60	496.10	0.0130		1.0000	14.0000	96.0000
983842	496.10	497.60	0.0410		1.0000	31.0000	102.0000
983843	497.60	499.00	0.0230		0.5000	16.0000	59.0000
983844	499.00	500.00	0.0160		0.5000	21.0000	59.0000
983845	500.00	501.00	0.0210		0.5000	19.0000	52.0000
983847	501.00	502.50	0.0190		0.5000	15.0000	58.0000
983848	502.50	504.00	0.0230		0.5000	21.0000	87.0000
983849	504.00	505.50	0.0310		0.5000	18.0000	53.0000
983851	505.50	507.00	0.0620		0.5000	41.0000	74.0000
983852	507.00	508.50	0.0190		0.5000	37.0000	134.0000
983853	508.50	510.00	0.0220		0.5000	56.0000	100.0000
983854	510.00	511.50	0.0310		0.5000	28.0000	91.0000
983855	511.50	513.00	0.0210		0.5000	23.0000	43.0000
983856	513.00	514.50	0.0150		0.5000	26.0000	34.0000
983857	514.50	516.00	0.0320		0.5000	62.0000	132.0000
983858	516.00	517.50	0.0060		0.5000	38.0000	41.0000
983859	517.50	519.00	0.0170		0.5000	137.0000	228.0000
983861	519.00	520.47	0.0160		0.5000	20.0000	47.0000
983862	520.47	522.00	0.0810		0.5000	221.0000	115.0000
983863	522.00	523.00	0.0310		0.5000	47.0000	208.0000
983864	523.00	524.00	0.4410		0.5000	120.0000	156.0000
983865	524.00	525.00	0.0770		0.5000	54.0000	83.0000
983867	525.00	526.00	0.1010		0.5000	109.0000	284.0000
983868	526.00	526.95	0.2950	0.2150	0.5000	315.0000	435.0000
983869	526.95	527.45	0.4030	27.1990	19.0000	1523.0000	2281.0000
983871	527.45	528.00	0.1250	0.2060	0.5000	60.0000	138.0000
983872	528.00	529.00	0.3030		0.5000	84.0000	146.0000
983873	529.00	530.00	0.6930	0.4080	0.5000	91.0000	104.0000
983874	530.00	531.23	0.2390	0.1640	0.5000	82.0000	123.0000
983875	531.23	531.73	1.3630	2.4910	30.0000	3155.0000	3583.0000
983876	531.73	533.00	0.3730	0.3840	0.5000	206.0000	547.0000

Hole Number: TL11149

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983877	533.00	534.32	0.5640	0.7190	0.5000	291.0000	503.0000
983878	534.32	535.32	1.2230	1.8490	11.0000	1706.0000	5405.0000
983879	535.32	536.63	0.7390	0.7090	0.5000	199.0000	300.0000
983881	536.63	537.84	0.7480	0.5860	0.5000	286.0000	947.0000
983882	537.84	539.06	0.0740		0.5000	74.0000	122.0000
983883	539.06	539.61	0.0140		0.5000	52.0000	130.0000
983884	539.61	541.24	0.1810		0.5000	55.0000	148.0000
983885	541.24	542.24	0.1840		9.0000	1520.0000	3674.0000
983887	542.24	543.50	0.2490		0.5000	157.0000	420.0000
983888	543.50	545.00	0.0340		0.5000	28.0000	64.0000
983889	545.00	546.50	0.0210		0.5000	16.0000	46.0000
983891	546.50	547.50	0.0050		0.5000	11.0000	30.0000
983892	547.50	548.75	0.0060		0.5000	7.0000	40.0000
983893	548.75	550.00	0.0060		0.5000	11.0000	36.0000
983894	550.00	551.00	0.0050		0.5000	12.0000	57.0000
983895	551.00	552.00	0.0270		0.5000	16.0000	158.0000
983896	552.00	553.50	0.0140		0.5000	11.0000	120.0000
983897	553.50	555.00	0.0080		0.5000	11.0000	48.0000
983898	555.00	556.50	0.0160		0.5000	17.0000	54.0000
983899	556.50	558.00	0.1060		11.0000	75.0000	103.0000
983901	558.00	559.50	0.0970		18.0000	88.0000	252.0000
983902	559.50	561.00	0.0010		0.5000	17.0000	29.0000
983903	561.00	562.50	0.1300		0.5000	22.0000	35.0000
983904	562.50	564.00	0.0080		0.5000	129.0000	341.0000
983905	564.00	565.50	0.0030		0.5000	23.0000	48.0000
983907	565.50	567.00	0.0050		0.5000	17.0000	34.0000
983908	567.00	568.50	0.0070		0.5000	17.0000	40.0000
983909	568.50	570.00	0.0850		8.0000	52.0000	679.0000
983911	570.00	571.50	0.0220		0.5000	38.0000	64.0000
983912	571.50	573.18	0.0080		0.5000	21.0000	25.0000
983913	573.18	574.68	0.0150		0.5000	15.0000	66.0000
983914	603.18	604.68	0.1930		0.5000	57.0000	64.0000
983915	604.68	606.00	0.3170		0.5000	33.0000	44.0000
983916	606.00	607.00	0.5820		0.5000	36.0000	92.0000
983917	607.00	607.80	0.0880		0.5000	33.0000	53.0000
983918	607.80	608.60	0.0760		1.0000	53.0000	306.0000
983919	608.60	609.30	0.3780		3.0000	130.0000	5134.0000
983921	609.30	610.30	0.0270		1.0000	42.0000	102.0000
983922	610.30	611.30	0.0610		1.0000	26.0000	99.0000

Hole Number: TL11149

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983923	611.30	612.16	0.0230		1.0000	41.0000	67.0000
983924	612.16	613.00	0.0210		5.0000	359.0000	1737.0000
983925	613.00	613.50	0.5530		50.0000	12552.0000	4488.0000
983927	613.50	614.50	0.1600		1.0000	81.0000	268.0000
983928	614.50	615.50	0.0530		1.0000	43.0000	84.0000
983929	615.50	616.50	0.0410		0.5000	106.0000	240.0000
983931	616.50	617.50	0.1590		1.0000	35.0000	170.0000
983932	617.50	618.50	0.1010		1.0000	79.0000	944.0000
983933	618.50	619.50	0.0920		2.0000	278.0000	789.0000
983934	619.50	620.70	0.0160		1.0000	46.0000	217.0000
983935	620.70	622.20	0.0300		1.0000	48.0000	188.0000
983936	622.20	623.70	0.1590		1.0000	28.0000	111.0000
983937	623.70	625.35	0.4090		2.0000	127.0000	1623.0000
983938	637.62	638.73	0.2420		1.0000	23.0000	932.0000
983939	648.00	649.50	0.0700		0.5000	13.0000	99.0000
983941	649.50	651.00	0.0050		0.5000	15.0000	168.0000
983942	651.00	652.50	0.0520		1.0000	17.0000	323.0000
983943	652.50	654.00	0.3690		2.0000	31.0000	531.0000
Sample Type	CDUP						
983826	476.00	477.00	0.0050		1.0000	13.0000	671.0000
983846	500.00	501.00	0.0080		0.5000	20.0000	56.0000
983866	524.00	525.00	0.0510		0.5000	44.0000	76.0000
983886	541.24	542.24	0.2270		8.0000	1828.0000	2968.0000
983906	564.00	565.50	0.0050		0.5000	23.0000	54.0000
983926	613.00	613.50	1.2640		11.0000	1416.0000	1313.0000

# DETAILED LOG

Hole Number: TL11150

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -66.00
Project Number: TMI-TL	North: 5511974.27	North:	Collar Az: 310.00
Location: Zealand Township	East: 528348.95	East:	Length: 297.00
	Elev: 395.79	Elev:	Start Depth: 0.00
Date Started: Apr 12, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Apr 14, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 297.00

Comments: Main zone from 129.30-222.67 m. 1-2% pyrite + trace-1% sphalerite. Trace arsenopyrite, pyrrhotite, galena, and chalcopyrite in sulphide stringers.  
C Zone from 247.38-276.00 m.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	308.00	-66.00	EZ Sho	OK		24.00	308.70	-65.10	EZ Sho	OK	
51.00	309.90	-64.70	EZ Sho	OK		102.00	310.70	-63.20	EZ Sho	OK	
150.00	313.00	-61.40	EZ Sho	OK		201.00	314.50	-60.00	EZ Sho	OK	
252.00	314.70	-59.10	EZ Sho	OK		297.00	315.00	-58.50	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	9.00	OB, Overburden									
9.00	16.86	BMS, Biotite Muscovite Schist BMS zones; very weakly Sr. Poorly mineralized.	1007666	15.00	16.86	1.86	0.08		1.00	21.00	242.00
			1007665	15.00	16.86	1.86	0.46		2.00	322.00	3031.00
16.86	23.85	MSS, Muscovite Sericite Schist Hangingwall MSS unit; mod Sr and wk local Fu. Poorly mineralized.	1007667	16.86	18.00	1.14	0.01		1.00	25.00	98.00
			1007668	18.00	19.00	1.00	0.01		1.00	14.00	56.00
			1007669	19.00	20.00	1.00	0.01		0.50	16.00	62.00
			1007671	20.00	21.00	1.00	0.01		1.00	20.00	42.00
			1007672	21.00	22.00	1.00	0.01		1.00	24.00	61.00
			1007673	22.00	23.00	1.00	0.01		0.50	20.00	102.00
			1007674	23.00	23.85	0.85	0.01		0.50	20.00	40.00
23.85	99.00	BMS, Biotite Muscovite Schist BMS zone; very weakly Sr and poorly mineralized but with local sph stringers from 93.70 to 95.05m.	1007675	23.85	25.35	1.50	0.01		1.00	22.00	66.00
			1007676	93.53	94.60	1.07	0.61		5.00	413.00	4600.00
			1007677	94.60	96.00	1.40	0.20		2.00	51.00	335.00
			1007678	96.00	97.50	1.50	0.12		1.00	26.00	135.00
			1007679	97.50	99.00	1.50	0.12		2.00	41.00	146.00

DETAILED LOG

Hole Number: TL11150

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
99.00	111.27	MSS, Muscovite Sericite Schist Hangingwall MSS zone; strongly Sr. Poorly mineralized.	1007681	99.00	100.50	1.50	0.02		1.00	33.00	37.00
			1007682	100.50	102.00	1.50	0.03		0.50	23.00	30.00
			1007683	102.00	103.50	1.50	0.01		0.50	24.00	37.00
			1007684	103.50	105.00	1.50	0.03		1.00	12.00	37.00
			1007686	105.00	106.50	1.50	0.01		1.00	19.00	196.00
			1007685	105.00	106.50	1.50	0.01		1.00	21.00	303.00
			1007687	106.50	108.00	1.50	0.08		1.00	34.00	198.00
			1007688	108.00	109.50	1.50	0.01		2.00	25.00	56.00
			1007689	109.50	110.27	0.77	0.01		1.00	32.00	120.00
			1007691	110.27	111.27	1.00	0.01		0.50	37.00	32.00
111.27	129.30	BMS, Biotite Muscovite Schist Typical BMS with minor py.	1007692	111.27	112.77	1.50	0.03		1.00	17.00	57.00
			1007693	128.00	129.30	1.30	0.03		1.00	34.00	73.00

DETAILED LOG

Hole Number: TL11150

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
129.30	222.67	MSS, Muscovite Sericite Schist	1007694	129.30	130.80	1.50	0.03		1.00	36.00	68.00
		Poorly mineralized main zone with a few minor folds. 1-2% diss py with a local increase in py stringers to 10% from 161.45-161.7 and to 3-4% sph from 177.94 to 178.94m. 1% sph in stringers and trace galena; asp; cp; and po.	1007695	130.80	132.30	1.50	0.05		1.00	79.00	162.00
			1007696	132.30	133.30	1.00	0.13		2.00	49.00	291.00
			1007697	133.30	134.80	1.50	0.07		4.00	57.00	85.00
			1007698	134.80	136.30	1.50	0.05		3.00	44.00	176.00
			1007699	136.30	137.80	1.50	0.03		3.00	45.00	62.00
			1007701	137.80	139.19	1.39	1.15		39.00	302.00	573.00
			1007702	139.19	140.15	0.96	0.12		6.00	178.00	399.00
			1007703	140.15	141.00	0.85	0.02		2.00	52.00	54.00
			1007704	141.00	142.50	1.50	0.01		2.00	36.00	65.00
			1007706	142.50	144.00	1.50	0.02		2.00	31.00	47.00
			1007705	142.50	144.00	1.50	0.02		2.00	33.00	51.00
			1007707	144.00	145.50	1.50	0.47		5.00	81.00	391.00
			1007708	145.50	147.00	1.50	0.07		4.00	122.00	179.00
			1007709	147.00	148.50	1.50	0.03		2.00	47.00	94.00
			1007711	148.50	150.00	1.50	0.02		2.00	27.00	48.00
			1007712	150.00	151.50	1.50	0.01		2.00	28.00	64.00
			1007713	151.50	153.00	1.50	0.02		1.00	54.00	161.00
			1007714	153.00	154.00	1.00	0.01		1.00	79.00	129.00
			1007715	154.00	155.00	1.00	0.01		2.00	52.00	95.00
			1007716	155.00	156.50	1.50	0.07		2.00	47.00	173.00
			1007717	156.50	158.00	1.50	0.33		3.00	146.00	243.00
			1007718	158.00	159.00	1.00	0.39		5.00	324.00	1022.00
			1007719	159.00	160.00	1.00	0.42		15.00	1335.00	3191.00
			1007721	160.00	161.00	1.00	0.54		5.00	237.00	895.00
			1007722	161.00	162.00	1.00	2.05		52.00	4574.00	6807.00
			1007723	162.00	163.50	1.50	1.25		4.00	309.00	344.00
			1007724	163.50	165.00	1.50	0.04		2.00	46.00	61.00
			1007725	165.00	166.50	1.50	0.05		2.00	37.00	47.00
			1007726	165.00	166.50	1.50	0.07		3.00	44.00	39.00
			1007727	166.50	168.00	1.50	0.84		2.00	28.00	189.00
			1007728	168.00	169.50	1.50	0.04		1.00	13.00	70.00
			1007729	169.50	171.00	1.50	0.73		1.00	16.00	66.00
			1007731	171.00	172.50	1.50	0.04		1.00	21.00	59.00
			1007732	172.50	174.00	1.50	0.05		1.00	18.00	57.00
			1007733	174.00	175.50	1.50	0.11		1.00	22.00	61.00
			1007734	175.50	177.00	1.50	0.93		5.00	59.00	90.00
			1007735	177.00	177.94	0.94	0.59		2.00	86.00	275.00
			1007736	177.94	178.94	1.00	2.52		19.00	2624.00	8327.00
			1007737	178.94	180.00	1.06	0.33		4.00	230.00	485.00
			1007738	180.00	181.50	1.50	0.06		2.00	132.00	335.00
			1007739	181.50	183.00	1.50	0.05		2.00	43.00	76.00
			1007741	183.00	184.50	1.50	0.02		2.00	27.00	74.00

DETAILED LOG

Hole Number: TL11150

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1007742	184.50	186.00	1.50	0.02		2.00	20.00	79.00
			1007743	186.00	187.50	1.50	0.01		2.00	18.00	86.00
			1007744	187.50	189.00	1.50	0.03		2.00	18.00	67.00
			1007746	189.00	190.17	1.17	0.01		2.00	9.00	40.00
			1007745	189.00	190.17	1.17	0.01		2.00	14.00	44.00
			1007747	190.17	191.17	1.00	0.03		3.00	12.00	373.00
			1007748	191.17	192.67	1.50	0.01		2.00	14.00	72.00
			1007749	192.67	194.30	1.63	0.01		2.00	16.00	51.00
			1007751	194.30	195.80	1.50	0.01		0.50	6.00	49.00
			1007752	195.80	197.30	1.50	0.01		1.00	17.00	54.00
			1007753	197.30	198.80	1.50	0.01		2.00	12.00	50.00
			1007754	198.80	199.85	1.05	0.01		1.00	11.00	45.00
			1007755	199.85	200.85	1.00	0.01		1.00	10.00	29.00
			1007756	200.85	201.85	1.00	0.04		2.00	19.00	55.00
			1007757	201.85	202.70	0.85	0.01		2.00	26.00	87.00
			1007758	202.70	204.20	1.50	0.01		2.00	20.00	183.00
			1007759	204.20	205.20	1.00	0.02		2.00	18.00	47.00
			1007761	205.20	206.60	1.40	0.02		8.00	138.00	283.00
			1007762	206.60	207.16	0.56	0.02		2.00	20.00	748.00
			1007763	207.16	208.66	1.50	0.01		1.00	12.00	89.00
			1007764	208.66	210.16	1.50	0.01		1.00	10.00	51.00
			1007765	210.16	211.66	1.50	0.01		1.00	11.00	29.00
			1007766	210.16	211.66	1.50	0.01		2.00	13.00	29.00
			1007767	211.66	213.16	1.50	0.01		1.00	6.00	20.00
			1007768	213.16	214.66	1.50	0.01		2.00	10.00	28.00
			1007769	214.66	216.16	1.50	0.01		1.00	16.00	16.00
			1007771	216.16	217.66	1.50	0.01		1.00	14.00	26.00
			1007772	217.66	219.16	1.50	0.01		2.00	15.00	28.00
			1007773	219.16	220.66	1.50	0.01		0.50	2.00	0.50
			1007774	220.66	221.67	1.01	0.01		1.00	7.00	17.00
			1007775	221.67	222.67	1.00	0.01		2.00	13.00	37.00
222.67	247.38	BMS, Biotite Muscovite Schist	1007776	222.67	224.17	1.50	0.01		3.00	61.00	50.00
		Typical BMS with common fractures and 1-2% py stringers and trace po and sph.	1007777	246.00	247.38	1.38	0.09		4.00	232.00	591.00



# DETAILED LOG

Hole Number: TL11150

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
247.38	276.00	MSS, Muscovite Sericite Schist Poorly mineralized C-zone with a fault crosscutting foliation at ~50 deg TCA. A few massive qtz veins present. 1-2% py stringers with trace sph; cp; po; and galena.	1007778	247.38	249.00	1.62	0.02		2.00	24.00	93.00
			1007779	249.00	250.00	1.00	0.09		3.00	68.00	154.00
			1007781	250.00	251.00	1.00	0.22		3.00	34.00	186.00
			1007782	251.00	252.00	1.00	0.07		2.00	38.00	101.00
			1007783	252.00	253.00	1.00	0.35		3.00	47.00	142.00
			1007784	253.00	254.00	1.00	0.61		3.00	69.00	118.00
			1007785	254.00	255.00	1.00	0.20		1.00	45.00	74.00
			1007786	254.00	255.00	1.00	0.22		1.00	45.00	62.00
			1007787	255.00	256.00	1.00	0.13		1.00	43.00	449.00
			1007788	256.00	257.00	1.00	0.03		2.00	63.00	116.00
			1007789	257.00	258.00	1.00	0.01		2.00	61.00	352.00
			1007791	258.00	259.00	1.00	0.02		1.00	47.00	89.00
			1007792	259.00	260.00	1.00	0.03		2.00	65.00	111.00
			1007793	260.00	261.00	1.00	0.13		1.00	58.00	293.00
			1007794	261.00	262.00	1.00	0.08		1.00	64.00	93.00
			1007795	262.00	263.00	1.00	0.24		1.00	69.00	83.00
			1007796	263.00	264.00	1.00	0.06		1.00	85.00	437.00
			1007797	264.00	265.00	1.00	0.05		2.00	90.00	62.00
			1007798	265.00	266.00	1.00	0.06		1.00	50.00	56.00
			1007799	266.00	267.00	1.00	0.59		2.00	168.00	376.00
276.00	297.00	BMS, Biotite Muscovite Schist Footwall BMS zone; wkly ser. Poorly mineralized.	1007801	267.00	268.00	1.00	0.50		1.00	81.00	550.00
			1007802	268.00	269.00	1.00	0.40		3.00	291.00	2593.00
			1007803	269.00	270.00	1.00	0.23		2.00	98.00	985.00
			1007804	270.00	271.00	1.00	0.23		4.00	373.00	965.00
			1007805	271.00	272.25	1.25	0.15		4.00	423.00	909.00
			1007806	271.00	272.25	1.25	0.11		3.00	348.00	697.00
			1007807	272.25	273.16	0.91	0.58		11.00	3822.00	4513.00
			1007808	273.16	274.58	1.42	0.03		2.00	108.00	226.00
			1007809	274.58	276.00	1.42	0.05		1.00	35.00	110.00
			1007811	276.00	277.50	1.50	0.01		2.00	36.00	116.00
1007812	277.50	279.00	1.50	0.02		2.00	53.00	2049.00			
1007813	279.00	280.50	1.50	0.01		1.00	45.00	137.00			
1007814	280.50	282.00	1.50	0.01		2.00	54.00	2504.00			

**Samples**

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007665	15.00	16.86	0.4590		2.0000	322.0000	3031.0000
1007667	16.86	18.00	0.0080		1.0000	25.0000	98.0000
1007668	18.00	19.00	0.0060		1.0000	14.0000	56.0000
1007669	19.00	20.00	0.0060		0.5000	16.0000	62.0000
1007671	20.00	21.00	0.0080		1.0000	20.0000	42.0000

Hole Number: TL11150

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007672	21.00	22.00	0.0130		1.0000	24.0000	61.0000
1007673	22.00	23.00	0.0070		0.5000	20.0000	102.0000
1007674	23.00	23.85	0.0120		0.5000	20.0000	40.0000
1007675	23.85	25.35	0.0140		1.0000	22.0000	66.0000
1007676	93.53	94.60	0.6050		5.0000	413.0000	4600.0000
1007677	94.60	96.00	0.1960		2.0000	51.0000	335.0000
1007678	96.00	97.50	0.1170		1.0000	26.0000	135.0000
1007679	97.50	99.00	0.1190		2.0000	41.0000	146.0000
1007681	99.00	100.50	0.0240		1.0000	33.0000	37.0000
1007682	100.50	102.00	0.0250		0.5000	23.0000	30.0000
1007683	102.00	103.50	0.0100		0.5000	24.0000	37.0000
1007684	103.50	105.00	0.0270		1.0000	12.0000	37.0000
1007685	105.00	106.50	0.0090		1.0000	21.0000	303.0000
1007687	106.50	108.00	0.0750		1.0000	34.0000	198.0000
1007688	108.00	109.50	0.0090		2.0000	25.0000	56.0000
1007689	109.50	110.27	0.0140		1.0000	32.0000	120.0000
1007691	110.27	111.27	0.0080		0.5000	37.0000	32.0000
1007692	111.27	112.77	0.0330		1.0000	17.0000	57.0000
1007693	128.00	129.30	0.0280		1.0000	34.0000	73.0000
1007694	129.30	130.80	0.0280		1.0000	36.0000	68.0000
1007695	130.80	132.30	0.0540		1.0000	79.0000	162.0000
1007696	132.30	133.30	0.1280		2.0000	49.0000	291.0000
1007697	133.30	134.80	0.0650		4.0000	57.0000	85.0000
1007698	134.80	136.30	0.0510		3.0000	44.0000	176.0000
1007699	136.30	137.80	0.0270		3.0000	45.0000	62.0000
1007701	137.80	139.19	1.1530		39.0000	302.0000	573.0000
1007702	139.19	140.15	0.1180		6.0000	178.0000	399.0000
1007703	140.15	141.00	0.0170		2.0000	52.0000	54.0000
1007704	141.00	142.50	0.0130		2.0000	36.0000	65.0000
1007705	142.50	144.00	0.0180		2.0000	33.0000	51.0000
1007707	144.00	145.50	0.4700		5.0000	81.0000	391.0000
1007708	145.50	147.00	0.0730		4.0000	122.0000	179.0000
1007709	147.00	148.50	0.0260		2.0000	47.0000	94.0000
1007711	148.50	150.00	0.0170		2.0000	27.0000	48.0000
1007712	150.00	151.50	0.0110		2.0000	28.0000	64.0000
1007713	151.50	153.00	0.0180		1.0000	54.0000	161.0000
1007714	153.00	154.00	0.0100		1.0000	79.0000	129.0000
1007715	154.00	155.00	0.0130		2.0000	52.0000	95.0000
1007716	155.00	156.50	0.0660		2.0000	47.0000	173.0000

Hole Number: TL11150

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007717	156.50	158.00	0.3280		3.0000	146.0000	243.0000
1007718	158.00	159.00	0.3850		5.0000	324.0000	1022.0000
1007719	159.00	160.00	0.4190		15.0000	1335.0000	3191.0000
1007721	160.00	161.00	0.5380		5.0000	237.0000	895.0000
1007722	161.00	162.00	2.0520		52.0000	4574.0000	6807.0000
1007723	162.00	163.50	1.2540		4.0000	309.0000	344.0000
1007724	163.50	165.00	0.0410		2.0000	46.0000	61.0000
1007725	165.00	166.50	0.0540		2.0000	37.0000	47.0000
1007727	166.50	168.00	0.8440		2.0000	28.0000	189.0000
1007728	168.00	169.50	0.0370		1.0000	13.0000	70.0000
1007729	169.50	171.00	0.7300		1.0000	16.0000	66.0000
1007731	171.00	172.50	0.0440		1.0000	21.0000	59.0000
1007732	172.50	174.00	0.0450		1.0000	18.0000	57.0000
1007733	174.00	175.50	0.1100		1.0000	22.0000	61.0000
1007734	175.50	177.00	0.9330		5.0000	59.0000	90.0000
1007735	177.00	177.94	0.5870		2.0000	86.0000	275.0000
1007736	177.94	178.94	2.5170		19.0000	2624.0000	8327.0000
1007737	178.94	180.00	0.3320		4.0000	230.0000	485.0000
1007738	180.00	181.50	0.0570		2.0000	132.0000	335.0000
1007739	181.50	183.00	0.0530		2.0000	43.0000	76.0000
1007741	183.00	184.50	0.0170		2.0000	27.0000	74.0000
1007742	184.50	186.00	0.0170		2.0000	20.0000	79.0000
1007743	186.00	187.50	0.0100		2.0000	18.0000	86.0000
1007744	187.50	189.00	0.0260		2.0000	18.0000	67.0000
1007745	189.00	190.17	0.0070		2.0000	14.0000	44.0000
1007747	190.17	191.17	0.0300		3.0000	12.0000	373.0000
1007748	191.17	192.67	0.0080		2.0000	14.0000	72.0000
1007749	192.67	194.30	0.0120		2.0000	16.0000	51.0000
1007751	194.30	195.80	0.0050		0.5000	6.0000	49.0000
1007752	195.80	197.30	0.0050		1.0000	17.0000	54.0000
1007753	197.30	198.80	0.0090		2.0000	12.0000	50.0000
1007754	198.80	199.85	0.0050		1.0000	11.0000	45.0000
1007755	199.85	200.85	0.0090		1.0000	10.0000	29.0000
1007756	200.85	201.85	0.0390		2.0000	19.0000	55.0000
1007757	201.85	202.70	0.0050		2.0000	26.0000	87.0000
1007758	202.70	204.20	0.0100		2.0000	20.0000	183.0000
1007759	204.20	205.20	0.0170		2.0000	18.0000	47.0000
1007761	205.20	206.60	0.0200		8.0000	138.0000	283.0000
1007762	206.60	207.16	0.0150		2.0000	20.0000	748.0000

Hole Number: TL11150

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007763	207.16	208.66	0.0050		1.0000	12.0000	89.0000
1007764	208.66	210.16	0.0080		1.0000	10.0000	51.0000
1007765	210.16	211.66	0.0050		1.0000	11.0000	29.0000
1007767	211.66	213.16	0.0050		1.0000	6.0000	20.0000
1007768	213.16	214.66	0.0050		2.0000	10.0000	28.0000
1007769	214.66	216.16	0.0050		1.0000	16.0000	16.0000
1007771	216.16	217.66	0.0050		1.0000	14.0000	26.0000
1007772	217.66	219.16	0.0050		2.0000	15.0000	28.0000
1007773	219.16	220.66	0.0050		0.5000	2.0000	0.5000
1007774	220.66	221.67	0.0060		1.0000	7.0000	17.0000
1007775	221.67	222.67	0.0080		2.0000	13.0000	37.0000
1007776	222.67	224.17	0.0050		3.0000	61.0000	50.0000
1007777	246.00	247.38	0.0880		4.0000	232.0000	591.0000
1007778	247.38	249.00	0.0220		2.0000	24.0000	93.0000
1007779	249.00	250.00	0.0900		3.0000	68.0000	154.0000
1007781	250.00	251.00	0.2150		3.0000	34.0000	186.0000
1007782	251.00	252.00	0.0670		2.0000	38.0000	101.0000
1007783	252.00	253.00	0.3490		3.0000	47.0000	142.0000
1007784	253.00	254.00	0.6070		3.0000	69.0000	118.0000
1007785	254.00	255.00	0.1990		1.0000	45.0000	74.0000
1007787	255.00	256.00	0.1270		1.0000	43.0000	449.0000
1007788	256.00	257.00	0.0330		2.0000	63.0000	116.0000
1007789	257.00	258.00	0.0050		2.0000	61.0000	352.0000
1007791	258.00	259.00	0.0190		1.0000	47.0000	89.0000
1007792	259.00	260.00	0.0300		2.0000	65.0000	111.0000
1007793	260.00	261.00	0.1340		1.0000	58.0000	293.0000
1007794	261.00	262.00	0.0780		1.0000	64.0000	93.0000
1007795	262.00	263.00	0.2370		1.0000	69.0000	83.0000
1007796	263.00	264.00	0.0570		1.0000	85.0000	437.0000
1007797	264.00	265.00	0.0510		2.0000	90.0000	62.0000
1007798	265.00	266.00	0.0600		1.0000	50.0000	56.0000
1007799	266.00	267.00	0.5850		2.0000	168.0000	376.0000
1007801	267.00	268.00	0.4980		1.0000	81.0000	550.0000
1007802	268.00	269.00	0.4000		3.0000	291.0000	2593.0000
1007803	269.00	270.00	0.2330		2.0000	98.0000	985.0000
1007804	270.00	271.00	0.2330		4.0000	373.0000	965.0000
1007805	271.00	272.25	0.1490		4.0000	423.0000	909.0000
1007807	272.25	273.16	0.5770		11.0000	3822.0000	4513.0000
1007808	273.16	274.58	0.0330		2.0000	108.0000	226.0000

Hole Number: TL11150

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007809	274.58	276.00	0.0470		1.0000	35.0000	110.0000
1007811	276.00	277.50	0.0100		2.0000	36.0000	116.0000
1007812	277.50	279.00	0.0180		2.0000	53.0000	2049.0000
1007813	279.00	280.50	0.0100		1.0000	45.0000	137.0000
1007814	280.50	282.00	0.0120		2.0000	54.0000	2504.0000
Sample Type	CDUP						
1007666	15.00	16.86	0.0790		1.0000	21.0000	242.0000
1007686	105.00	106.50	0.0050		1.0000	19.0000	196.0000
1007706	142.50	144.00	0.0170		2.0000	31.0000	47.0000
1007726	165.00	166.50	0.0730		3.0000	44.0000	39.0000
1007746	189.00	190.17	0.0080		2.0000	9.0000	40.0000
1007766	210.16	211.66	0.0050		2.0000	13.0000	29.0000
1007786	254.00	255.00	0.2170		1.0000	45.0000	62.0000
1007806	271.00	272.25	0.1130		3.0000	348.0000	697.0000

# DETAILED LOG

Hole Number: TL11151

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -66.00
Project Number: TMI-TL	North: 5511933.34	North:	Collar Az: 312.00
Location: Zealand Township	East: 528292.79	East:	Length: 318.00
	Elev: 395.14	Elev:	Start Depth: 0.00
Date Started: Apr 14, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Apr 15, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 318.00

Comments: Main Zone found 182.82-209.72 m. 2% pyrite, disseminated locally. trace-3% local sphalerite stringers. 1% pyrrhotite + trace-1% galena + chalcopyrite + arsenopyrite.  
 V.G. found at 190.42-190.47 m as a 1 mm bleb within a smokey grey quartz vein with sulphides.  
 C zone found from 279.00-289.94 m. 4-5% pyrite + local 5% sphalerite found in sulphide bands. trace-1% pyrrhotite + trace chalcopyrite + arsenopyrite.

### Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	311.50	-66.00	EZ Sho	OK		21.00	312.30	-65.00	EZ Sho	OK	
51.00	313.10	-64.30	EZ Sho	OK		102.00	314.00	-61.90	EZ Sho	OK	
150.00	314.40	-60.40	EZ Sho	OK		207.00	315.50	-59.20	EZ Sho	OK	Actual Azimuth 330.2 with low mag
249.00	316.50	-56.70	EZ Sho	OK	actual mag 337.3 with a low mag	300.00	317.50	-55.30	EZ Sho	OK	
318.00	317.50	-54.80	EZ Sho	OK							

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	10.65	OB, Overburden Casing and 5cm creamy white intrusive boulder									
10.65	33.91	BMS, Biotite Muscovite Schist Typical hangingwall BMS zone, weakly sericitized and poorly mineralized. Local cpy @ 17.95m.	983944	17.00	18.00	1.00	0.02		0.50	61.00	136.00
			983945	32.41	33.91	1.50	0.11		1.00	44.00	197.00
			983946	32.41	33.91	1.50	0.08		1.00	44.00	161.00

Hole Number: TL11151

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
33.91	50.30	MSS, Muscovite Sericite Schist Hangingwall MSS zone, very strongly sericitized, strong chl-filled fractures from 35.64 to 37.08m. Local Py-Po stringers, more abundant at the top of the interval with associated trace sph from 33.91 to 35.30m.	983947	33.91	34.91	1.00	0.01		4.00	58.00	136.00
			983948	34.91	36.00	1.09	0.14		11.00	439.00	691.00
			983949	36.00	37.00	1.00	0.01		1.00	37.00	136.00
			983951	37.00	38.00	1.00	0.01		0.50	37.00	66.00
			983952	38.00	39.00	1.00	0.01		0.50	36.00	55.00
			983953	39.00	40.00	1.00	0.01		0.50	34.00	44.00
			983954	40.00	41.00	1.00	0.01		0.50	32.00	58.00
			983955	41.00	42.00	1.00	0.02		0.50	40.00	74.00
			983956	42.00	43.00	1.00	0.01		0.50	30.00	70.00
			983957	43.00	44.00	1.00	0.01		0.50	35.00	67.00
			983958	44.00	45.00	1.00	0.02		0.50	35.00	103.00
			983959	45.00	46.00	1.00	0.01		0.50	32.00	187.00
			983961	46.00	47.00	1.00	0.01		0.50	35.00	58.00
			983962	47.00	48.00	1.00	0.01		0.50	39.00	65.00
			983963	48.00	49.00	1.00	0.01		0.50	42.00	81.00
983964	49.00	50.30	1.30	0.00		0.50	31.00	60.00			
50.30	72.40	BMS, Biotite Muscovite Schist Very weakly sericitized BMS, poorly mineralized (diss pyrite). Local increase to 10% pyrite stringers and 4cm band from 60.8 to 61.3m.	983966	50.30	51.80	1.50	0.01		0.50	39.00	91.00
			983965	50.30	51.80	1.50	0.01		0.50	40.00	88.00
			983967	60.80	61.80	1.00	0.01		0.50	49.00	297.00
			983968	70.90	72.40	1.50	0.04		0.50	36.00	99.00
72.40	83.81	MSS, Muscovite Sericite Schist Hangingwall MSS zone, very strongly sericitized. Poorly mineralized.	983969	72.40	73.70	1.30	0.00		0.50	33.00	40.00
			983971	73.70	75.00	1.30	0.01		1.00	50.00	52.00
			983972	75.00	76.50	1.50	0.00		1.00	36.00	48.00
			983973	76.50	78.00	1.50	0.00		0.50	41.00	77.00
			983974	78.00	79.50	1.50	0.00		0.50	37.00	37.00
			983975	79.50	81.00	1.50	0.00		0.50	39.00	45.00
			983976	81.00	82.50	1.50	0.01		0.50	38.00	115.00
			983977	82.50	83.81	1.31	0.01		1.00	54.00	57.00
83.81	119.50	BMS, Biotite Muscovite Schist BMS zone, very weakly ser, with local sulphide stringers (py, sph)	983978	83.81	85.30	1.49	0.04		0.50	52.00	146.00
			983979	118.00	119.50	1.50	0.09		1.00	61.00	105.00

## DETAILED LOG

Hole Number: TL11151

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
119.50	135.53	MSS, Muscovite Sericite Schist Hangingwall MSS zone, very strongly sericitized with many pyrite stringers	983981	119.50	120.50	1.00	0.03		1.00	65.00	114.00
			983982	120.50	121.50	1.00	0.02		0.50	48.00	86.00
			983983	121.50	122.50	1.00	0.01		1.00	40.00	34.00
			983984	122.50	123.50	1.00	0.01		0.50	40.00	41.00
			983985	123.50	124.50	1.00	0.01		0.50	48.00	42.00
			983986	123.50	124.50	1.00	0.01		0.50	40.00	41.00
			983987	124.50	125.50	1.00	0.01		0.50	51.00	189.00
			983988	125.50	126.50	1.00	0.01		0.50	52.00	87.00
			983989	126.50	127.50	1.00	0.01		1.00	55.00	129.00
			983991	127.50	128.50	1.00	0.02		1.00	41.00	100.00
			983992	128.50	129.50	1.00	0.02		1.00	46.00	70.00
			983993	129.50	131.00	1.50	0.01		0.50	38.00	64.00
			983994	131.00	132.50	1.50	0.01		0.50	30.00	45.00
			983995	132.50	134.00	1.50	0.01		0.50	31.00	50.00
983996	134.00	135.53	1.53	0.01		0.50	34.00	57.00			
135.53	182.82	BMS, Biotite Muscovite Schist BMS zone, weakly ser. Poorly mineralized.	983997	135.53	137.00	1.47	0.01		0.50	37.00	101.00
			983998	181.32	182.82	1.50	0.42		4.00	92.00	112.00
182.82	209.72	MSS, Muscovite Sericite Schist MSS main zone, very strongly sericitized. Sulphide stringers (py, sph, gln, trace cpy, aspy and po), stronger from 182.82 to 186m (8%py, 5%sph, 1% gln and trace cpy from 185.12-185.47m), then as trace.	983999	182.82	183.57	0.75	5.87	5.43	26.00	497.00	912.00
			1006101	183.57	184.20	0.63	0.76		3.00	109.00	195.00
			1006102	184.20	185.00	0.80	2.83		5.00	170.00	460.00
			1006103	185.00	186.00	1.00	5.02	3.86	35.00	3617.00	10201.00
			1006104	186.00	187.00	1.00	3.71		232.00	814.00	1631.00
			1006105	187.00	188.00	1.00	1.99	5.63	614.00	1129.00	247.00
			1006106	187.00	188.00	1.00	2.57	2.70	909.00	1017.00	249.00
			1006107	188.00	189.00	1.00	1.00	0.93	13.00	128.00	192.00
			1006108	189.00	190.22	1.22	0.33	0.16	5.00	76.00	95.00
			1006109	190.22	190.72	0.50	0.91	0.72	22.00	610.00	1950.00
			1006111	190.72	192.00	1.28	0.11		2.00	83.00	128.00
			1006112	192.00	193.53	1.53	0.87		22.00	978.00	1427.00
			1006113	193.53	194.53	1.00	1.43		13.00	514.00	821.00
			1006114	194.53	195.50	0.97	3.69		21.00	230.00	237.00
			1006115	195.50	196.50	1.00	0.67		11.00	61.00	53.00
			1006116	196.50	198.00	1.50	0.12		4.00	46.00	101.00
			1006117	198.00	199.50	1.50	0.09		4.00	60.00	114.00
			1006118	199.50	201.00	1.50	0.05		3.00	58.00	60.00
			1006119	201.00	202.00	1.00	0.03		2.00	57.00	78.00
			1006121	202.00	203.00	1.00	0.03		4.00	169.00	413.00
1006122	203.00	204.00	1.00	0.11		3.00	79.00	126.00			
1006123	204.00	205.50	1.50	0.20		7.00	85.00	124.00			
1006124	205.50	207.00	1.50	0.02		2.00	40.00	197.00			
1006126	207.00	208.35	1.35	0.01		2.00	39.00	65.00			
1006125	207.00	208.35	1.35	0.01		3.00	37.00	65.00			
1006127	208.35	209.72	1.37	0.01		1.00	35.00	66.00			



## DETAILED LOG

Hole Number: TL11151

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
209.72	279.00	BMS, Biotite Muscovite Schist	1006128	209.72	211.22	1.50	0.00		1.00	34.00	67.00
		BMS zone, moderately ser and weakly sil, with patches of strong ser/sil and sulphide stringers (py, sph, gln, po). 0.5mm wide electrum string at 217.91-217.99m	1006129	211.22	212.72	1.50	0.01		1.00	26.00	54.00
			1006131	212.72	214.22	1.50	0.01		1.00	30.00	47.00
			1006132	214.22	215.72	1.50	0.01		10.00	87.00	145.00
			1006133	215.72	216.72	1.00	0.01		3.00	41.00	85.00
			1006134	216.72	217.47	0.75	0.11		10.00	61.00	64.00
			1006135	217.47	218.03	0.56	6.89	11.75	502.00	696.00	1455.00
			1006136	218.03	218.63	0.60	3.96		227.00	441.00	348.00
			1006137	218.63	220.13	1.50	0.02		2.00	52.00	52.00
			1006138	220.13	221.63	1.50	0.01		2.00	36.00	66.00
			1006139	234.00	235.50	1.50	0.01		2.00	32.00	67.00
			1006141	235.50	237.00	1.50	0.01		1.00	37.00	59.00
			1006142	237.00	238.50	1.50	0.01		2.00	34.00	69.00
			1006143	238.50	240.00	1.50	0.01		1.00	36.00	76.00
			1006144	240.00	241.50	1.50	0.01		2.00	42.00	77.00
			1006146	241.50	243.00	1.50	0.01		2.00	56.00	149.00
			1006145	241.50	243.00	1.50	0.01		2.00	53.00	156.00
			1006147	261.35	262.85	1.50	0.05		2.00	45.00	75.00
			1006148	262.85	263.85	1.00	0.14		3.00	219.00	454.00
			1006149	263.85	265.10	1.25	0.03		2.00	60.00	67.00
			1006151	265.10	266.41	1.31	0.02		2.00	59.00	104.00
			1006152	266.41	267.41	1.00	0.10		4.00	291.00	382.00
			1006153	267.41	268.91	1.50	0.05		2.00	90.00	187.00
			1006154	268.91	270.41	1.50	0.08		2.00	92.00	234.00
			1006155	270.41	271.91	1.50	0.05		2.00	58.00	115.00
			1006156	271.91	273.41	1.50	0.04		1.00	58.00	97.00
			1006157	273.41	274.58	1.17	0.04		2.00	70.00	84.00
			1006158	274.58	275.75	1.17	0.05		1.00	80.00	78.00
			1006159	275.75	276.85	1.10	0.22		6.00	94.00	128.00
			1006161	276.85	277.85	1.00	0.04		2.00	66.00	81.00
			1006162	277.85	279.00	1.15	0.10		2.00	64.00	118.00

DETAILED LOG

Hole Number: TL11151

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
279.00	289.94	MSS, Muscovite Sericite Schist MSS C-zone, very strongly sericitized/silicified and local fuchsite. Sulphide stringers (py, sph, cpy, aspy, po) throughout with strong sulphide band from 283.19 to 283.29m	1006163	279.00	280.00	1.00	0.22		2.00	116.00	141.00
			1006164	280.00	281.00	1.00	0.36		1.00	58.00	638.00
			1006165	281.00	282.00	1.00	0.38		1.00	62.00	837.00
			1006166	281.00	282.00	1.00	0.40		2.00	111.00	226.00
			1006167	282.00	283.00	1.00	0.09		1.00	86.00	628.00
			1006168	283.00	283.51	0.51	3.01		12.00	216.00	30997.00
			1006169	283.51	284.51	1.00	0.22		7.00	772.00	2641.00
			1006171	284.51	285.00	0.49	4.96		5.00	79.00	1270.00
			1006172	285.00	285.50	0.50	0.19		2.00	100.00	6975.00
			1006173	285.50	286.50	1.00	0.43		2.00	207.00	668.00
			1006174	286.50	287.50	1.00	0.32		1.00	68.00	105.00
			1006175	287.50	288.50	1.00	0.08		1.00	57.00	259.00
			1006176	288.50	289.94	1.44	0.07		1.00	76.00	364.00
289.94	318.00	BMS, Biotite Muscovite Schist BMS zone, very weakly ser. Poorly mineralized. EOH @ 318m.	1006177	289.94	291.44	1.50	0.02		0.50	48.00	244.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983944	17.00	18.00	0.0210		0.5000	61.0000	136.0000
983945	32.41	33.91	0.1080		1.0000	44.0000	197.0000
983947	33.91	34.91	0.0110		4.0000	58.0000	136.0000
983948	34.91	36.00	0.1390		11.0000	439.0000	691.0000
983949	36.00	37.00	0.0130		1.0000	37.0000	136.0000
983951	37.00	38.00	0.0090		0.5000	37.0000	66.0000
983952	38.00	39.00	0.0070		0.5000	36.0000	55.0000
983953	39.00	40.00	0.0050		0.5000	34.0000	44.0000
983954	40.00	41.00	0.0100		0.5000	32.0000	58.0000
983955	41.00	42.00	0.0200		0.5000	40.0000	74.0000
983956	42.00	43.00	0.0060		0.5000	30.0000	70.0000
983957	43.00	44.00	0.0120		0.5000	35.0000	67.0000
983958	44.00	45.00	0.0200		0.5000	35.0000	103.0000
983959	45.00	46.00	0.0140		0.5000	32.0000	187.0000
983961	46.00	47.00	0.0060		0.5000	35.0000	58.0000
983962	47.00	48.00	0.0070		0.5000	39.0000	65.0000
983963	48.00	49.00	0.0080		0.5000	42.0000	81.0000
983964	49.00	50.30	0.0020		0.5000	31.0000	60.0000
983965	50.30	51.80	0.0060		0.5000	40.0000	88.0000
983967	60.80	61.80	0.0100		0.5000	49.0000	297.0000
983968	70.90	72.40	0.0440		0.5000	36.0000	99.0000
983969	72.40	73.70	0.0030		0.5000	33.0000	40.0000

Hole Number: TL11151

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
983971	73.70	75.00	0.0050		1.0000	50.0000	52.0000
983972	75.00	76.50	0.0040		1.0000	36.0000	48.0000
983973	76.50	78.00	0.0040		0.5000	41.0000	77.0000
983974	78.00	79.50	0.0020		0.5000	37.0000	37.0000
983975	79.50	81.00	0.0040		0.5000	39.0000	45.0000
983976	81.00	82.50	0.0080		0.5000	38.0000	115.0000
983977	82.50	83.81	0.0060		1.0000	54.0000	57.0000
983978	83.81	85.30	0.0400		0.5000	52.0000	146.0000
983979	118.00	119.50	0.0870		1.0000	61.0000	105.0000
983981	119.50	120.50	0.0270		1.0000	65.0000	114.0000
983982	120.50	121.50	0.0160		0.5000	48.0000	86.0000
983983	121.50	122.50	0.0090		1.0000	40.0000	34.0000
983984	122.50	123.50	0.0100		0.5000	40.0000	41.0000
983985	123.50	124.50	0.0070		0.5000	48.0000	42.0000
983987	124.50	125.50	0.0140		0.5000	51.0000	189.0000
983988	125.50	126.50	0.0120		0.5000	52.0000	87.0000
983989	126.50	127.50	0.0090		1.0000	55.0000	129.0000
983991	127.50	128.50	0.0190		1.0000	41.0000	100.0000
983992	128.50	129.50	0.0150		1.0000	46.0000	70.0000
983993	129.50	131.00	0.0140		0.5000	38.0000	64.0000
983994	131.00	132.50	0.0080		0.5000	30.0000	45.0000
983995	132.50	134.00	0.0100		0.5000	31.0000	50.0000
983996	134.00	135.53	0.0100		0.5000	34.0000	57.0000
983997	135.53	137.00	0.0110		0.5000	37.0000	101.0000
983998	181.32	182.82	0.4180		4.0000	92.0000	112.0000
983999	182.82	183.57	5.8740	5.4300	26.0000	497.0000	912.0000
1006101	183.57	184.20	0.7610		3.0000	109.0000	195.0000
1006102	184.20	185.00	2.8270		5.0000	170.0000	460.0000
1006103	185.00	186.00	5.0210	3.8580	35.0000	3617.0000	10201.0000
1006104	186.00	187.00	3.7130		232.0000	814.0000	1631.0000
1006105	187.00	188.00	1.9920	5.6310	614.0000	1129.0000	247.0000
1006107	188.00	189.00	0.9950	0.9280	13.0000	128.0000	192.0000
1006108	189.00	190.22	0.3280	0.1630	5.0000	76.0000	95.0000
1006109	190.22	190.72	0.9140	0.7190	22.0000	610.0000	1950.0000
1006111	190.72	192.00	0.1080		2.0000	83.0000	128.0000
1006112	192.00	193.53	0.8660		22.0000	978.0000	1427.0000
1006113	193.53	194.53	1.4260		13.0000	514.0000	821.0000
1006114	194.53	195.50	3.6910		21.0000	230.0000	237.0000
1006115	195.50	196.50	0.6690		11.0000	61.0000	53.0000

Hole Number: TL11151

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006116	196.50	198.00	0.1150		4.0000	46.0000	101.0000
1006117	198.00	199.50	0.0920		4.0000	60.0000	114.0000
1006118	199.50	201.00	0.0540		3.0000	58.0000	60.0000
1006119	201.00	202.00	0.0310		2.0000	57.0000	78.0000
1006121	202.00	203.00	0.0330		4.0000	169.0000	413.0000
1006122	203.00	204.00	0.1060		3.0000	79.0000	126.0000
1006123	204.00	205.50	0.2000		7.0000	85.0000	124.0000
1006124	205.50	207.00	0.0150		2.0000	40.0000	197.0000
1006125	207.00	208.35	0.0060		3.0000	37.0000	65.0000
1006127	208.35	209.72	0.0050		1.0000	35.0000	66.0000
1006128	209.72	211.22	0.0040		1.0000	34.0000	67.0000
1006129	211.22	212.72	0.0050		1.0000	26.0000	54.0000
1006131	212.72	214.22	0.0070		1.0000	30.0000	47.0000
1006132	214.22	215.72	0.0080		10.0000	87.0000	145.0000
1006133	215.72	216.72	0.0090		3.0000	41.0000	85.0000
1006134	216.72	217.47	0.1070		10.0000	61.0000	64.0000
1006135	217.47	218.03	6.8870	11.7520	502.0000	696.0000	1455.0000
1006136	218.03	218.63	3.9610		227.0000	441.0000	348.0000
1006137	218.63	220.13	0.0210		2.0000	52.0000	52.0000
1006138	220.13	221.63	0.0130		2.0000	36.0000	66.0000
1006139	234.00	235.50	0.0110		2.0000	32.0000	67.0000
1006141	235.50	237.00	0.0080		1.0000	37.0000	59.0000
1006142	237.00	238.50	0.0080		2.0000	34.0000	69.0000
1006143	238.50	240.00	0.0100		1.0000	36.0000	76.0000
1006144	240.00	241.50	0.0080		2.0000	42.0000	77.0000
1006145	241.50	243.00	0.0100		2.0000	53.0000	156.0000
1006147	261.35	262.85	0.0520		2.0000	45.0000	75.0000
1006148	262.85	263.85	0.1440		3.0000	219.0000	454.0000
1006149	263.85	265.10	0.0280		2.0000	60.0000	67.0000
1006151	265.10	266.41	0.0180		2.0000	59.0000	104.0000
1006152	266.41	267.41	0.1000		4.0000	291.0000	382.0000
1006153	267.41	268.91	0.0470		2.0000	90.0000	187.0000
1006154	268.91	270.41	0.0810		2.0000	92.0000	234.0000
1006155	270.41	271.91	0.0500		2.0000	58.0000	115.0000
1006156	271.91	273.41	0.0360		1.0000	58.0000	97.0000
1006157	273.41	274.58	0.0440		2.0000	70.0000	84.0000
1006158	274.58	275.75	0.0520		1.0000	80.0000	78.0000
1006159	275.75	276.85	0.2200		6.0000	94.0000	128.0000
1006161	276.85	277.85	0.0350		2.0000	66.0000	81.0000

Hole Number: TL11151

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006162	277.85	279.00	0.0950		2.0000	64.0000	118.0000
1006163	279.00	280.00	0.2230		2.0000	116.0000	141.0000
1006164	280.00	281.00	0.3550		1.0000	58.0000	638.0000
1006165	281.00	282.00	0.3830		1.0000	62.0000	837.0000
1006167	282.00	283.00	0.0900		1.0000	86.0000	628.0000
1006168	283.00	283.51	3.0060		12.0000	216.0000	30997.0000
1006169	283.51	284.51	0.2180		7.0000	772.0000	2641.0000
1006171	284.51	285.00	4.9560		5.0000	79.0000	1270.0000
1006172	285.00	285.50	0.1910		2.0000	100.0000	6975.0000
1006173	285.50	286.50	0.4260		2.0000	207.0000	668.0000
1006174	286.50	287.50	0.3210		1.0000	68.0000	105.0000
1006175	287.50	288.50	0.0840		1.0000	57.0000	259.0000
1006176	288.50	289.94	0.0650		1.0000	76.0000	364.0000
1006177	289.94	291.44	0.0230		0.5000	48.0000	244.0000
Sample Type	CDUP						
983946	32.41	33.91	0.0760		1.0000	44.0000	161.0000
983966	50.30	51.80	0.0070		0.5000	39.0000	91.0000
983986	123.50	124.50	0.0090		0.5000	40.0000	41.0000
1006106	187.00	188.00	2.5680	2.7000	909.0000	1017.0000	249.0000
1006126	207.00	208.35	0.0060		2.0000	39.0000	65.0000
1006146	241.50	243.00	0.0120		2.0000	56.0000	149.0000
1006166	281.00	282.00	0.4020		2.0000	111.0000	226.0000

# DETAILED LOG

Hole Number: TL11152

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -66.00
Project Number: TMI-TL	North: 5511907.18	North:	Collar Az: 315.00
Location: Zealand Township	East: 528314.35	East:	Length: 354.00
	Elev: 394.73	Elev:	Start Depth: 0.00
Date Started: Apr 15, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Apr 17, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 354.00

Comments: Main Zone found from 226.49-284.01 m. 3-4% disseminated pyrite, 2-3% sphalerite + 1% galena + trace chalcopyrite.  
 Three spots of V.G  
 239.83-239.84 m - 2 specks of V.G  
 238.36-238.27 m - 1mm square bleb of V.G.  
 242.40-242.47 m - ~ 10 specks of gold ranging in size from a micro-meter to a mm.  
 C Zone found from 310.52-327.73 m.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	314.70	-65.40	EZ Sho	OK		24.00	315.10	-65.10	EZ Sho	OK	
42.00	315.60	-65.20	EZ Sho	OK		102.00	317.20	-62.90	EZ Sho	OK	
150.00	318.70	-61.40	EZ Sho	OK		201.00	319.20	-61.00	EZ Sho	OK	
252.00	321.10	-59.60	EZ Sho	OK		300.00	323.70	-54.80	EZ Sho	OK	
354.00	324.70	-52.90	EZ Sho	OK							

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	9.60	OB, Overburden									
9.60	85.93	BMS, Biotite Muscovite Schist	1007493	66.00	67.50	1.50	0.14		2.00	129.00	2189.00
			1007494	67.50	69.00	1.50	0.08		1.00	57.00	1099.00
			1007495	69.00	70.50	1.50	0.03		2.00	59.00	510.00
			1007496	70.50	72.00	1.50	0.09		2.00	74.00	275.00
			1007497	72.00	73.50	1.50	0.08		5.00	241.00	944.00
			1007498	73.50	75.00	1.50	0.21		3.00	160.00	718.00
			1007499	82.93	84.43	1.50	0.11		1.00	32.00	112.00
			1007501	84.43	85.93	1.50	0.03		2.00	40.00	150.00

## DETAILED LOG

Hole Number: TL11152

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
85.93	93.96	MSS, Muscovite Sericite Schist Hanging wall MMS; strongly Sr. generally poorly mineralized but for a 1mm bleb of gold at 87.7m.	1007502	85.93	86.57	0.64	0.01		1.00	18.00	73.00
			1007503	86.57	87.50	0.93	0.60		0.50	18.00	26.00
			1007504	87.50	87.80	0.30	0.13		0.50	16.00	226.00
			1007506	87.80	89.30	1.50	0.01		1.00	15.00	161.00
			1007505	87.80	89.30	1.50	0.01		0.50	16.00	158.00
			1007507	89.30	90.80	1.50	0.01		0.50	16.00	51.00
			1007508	90.80	91.95	1.15	0.01		0.50	12.00	28.00
			1007509	91.95	93.00	1.05	0.02		1.00	15.00	36.00
			1007511	93.00	93.96	0.96	0.01		0.50	14.00	41.00
93.96	122.92	BMS, Biotite Muscovite Schist BMS zone; moderately Sr that dies as the rock becomes medium-grained and granular (at ~108m). Poorly mineralized but with local 2-3% py.	1007512	93.96	95.46	1.50	0.03		1.00	26.00	121.00
			1007513	95.46	96.96	1.50	0.02		0.50	14.00	94.00
			1007514	121.42	122.92	1.50	0.03		0.50	14.00	82.00
122.92	129.43	MSS, Muscovite Sericite Schist Strongly sericitized MSS hanging wall zone. Poorly mineralized.	1007515	122.92	124.50	1.58	0.03		0.50	17.00	19.00
			1007516	124.50	126.00	1.50	0.01		0.50	13.00	21.00
			1007517	126.00	127.50	1.50	0.02		0.50	16.00	19.00
			1007518	127.50	128.50	1.00	0.02		0.50	15.00	21.00
			1007519	128.50	129.43	0.93	0.01		0.50	17.00	27.00
129.43	168.98	BMS, Biotite Muscovite Schist BMS interval with mostly weak sr alteration; common qz veins which are distorted along with the surrounding foliation. Local increased mineralization with an interval in the middle with up to 5% sph; 1% gn. Trace po throughout.	1007521	129.43	130.93	1.50	0.01		0.50	18.00	65.00
			1007522	130.93	132.00	1.07	0.02		0.50	15.00	182.00
			1007523	132.00	133.50	1.50	0.04		0.50	15.00	163.00
			1007524	133.50	135.00	1.50	0.05		0.50	20.00	150.00
			1007525	135.00	136.50	1.50	0.02		0.50	19.00	88.00
			1007526	135.00	136.50	1.50	0.02		1.00	19.00	101.00
			1007527	136.50	138.00	1.50	0.03		1.00	32.00	111.00
			1007528	138.00	139.50	1.50	0.05		0.50	54.00	97.00
			1007529	139.50	141.00	1.50	0.02		0.50	41.00	93.00
			1007531	141.00	142.50	1.50	0.02		0.50	28.00	111.00
			1007532	142.50	144.00	1.50	0.02		0.50	43.00	531.00
			1007533	144.00	145.50	1.50	0.01		1.00	162.00	397.00
			1007534	145.50	146.80	1.30	0.02		1.00	844.00	2674.00
			1007535	146.80	147.56	0.76	0.19		4.00	3251.00	28340.00
			1007536	147.56	148.75	1.19	0.02		0.50	115.00	382.00
			1007537	148.75	150.00	1.25	0.02		0.50	40.00	104.00
			1007538	150.00	151.50	1.50	0.02		0.50	36.00	313.00
			1007539	151.50	153.00	1.50	0.02		0.50	16.00	72.00
			1007541	164.10	165.60	1.50	0.08		2.00	43.00	103.00
			1007542	165.60	166.60	1.00	1.05		9.00	267.00	1224.00
1007543	166.60	167.60	1.00	0.06		1.00	54.00	94.00			
1007544	167.60	168.98	1.38	0.05		1.00	29.00	70.00			

## DETAILED LOG

Hole Number: TL11152

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
168.98	186.29	MSS, Muscovite Sericite Schist	1007545	168.98	170.00	1.02	0.01		0.50	20.00	34.00
			1007546	168.98	170.00	1.02	0.02		0.50	25.00	56.00
			1007547	170.00	171.00	1.00	0.02		1.00	20.00	59.00
			1007548	171.00	172.00	1.00	0.02		0.50	27.00	13.00
			1007549	172.00	173.00	1.00	0.01		1.00	77.00	140.00
			1007551	173.00	174.00	1.00	0.01		1.00	37.00	76.00
			1007552	174.00	175.00	1.00	0.01		0.50	20.00	43.00
			1007553	175.00	176.00	1.00	0.00		0.50	22.00	60.00
			1007554	176.00	177.00	1.00	0.00		0.50	34.00	117.00
			1007555	177.00	178.00	1.00	0.01		1.00	28.00	89.00
			1007556	178.00	179.00	1.00	0.01		0.50	28.00	68.00
			1007557	179.00	180.00	1.00	0.01		1.00	23.00	29.00
			1007558	180.00	181.00	1.00	0.01		0.50	27.00	28.00
			1007559	181.00	182.00	1.00	0.00		1.00	29.00	1297.00
			1007561	182.00	183.00	1.00	0.01		2.00	59.00	90.00
			1007562	183.00	184.00	1.00	0.01		0.50	34.00	121.00
			1007563	184.00	185.15	1.15	0.00		0.50	36.00	40.00
			1007564	185.15	186.29	1.14	0.00		0.50	28.00	37.00
186.29	226.49	BMS, Biotite Muscovite Schist	1007565	186.29	187.65	1.36	0.02		2.00	32.00	70.00
		Typical BMS with minor increases sericitization especially towards the end of the interval which has a gradational contact. Common fracturing throughout with microfolding and deformation of foliation often seen around qtz veins. Two massive milky white qtz veins near the end of the interval in the transition zone with common veins throughout. 2-3% diss py with common stringers and trace to 2% sph. Trace galena and asp.	1007566	186.29	187.65	1.36	0.01		1.00	29.00	69.00
			1007567	187.65	189.00	1.35	0.02		1.00	53.00	152.00
			1007568	189.00	190.50	1.50	0.02		2.00	250.00	344.00
			1007569	213.50	215.00	1.50	0.02		2.00	23.00	63.00
			1007571	215.00	216.00	1.00	0.11		4.00	162.00	413.00
			1007572	216.00	217.00	1.00	0.13		4.00	203.00	1287.00
			1007573	217.00	218.00	1.00	0.04		1.00	56.00	99.00
			1007574	218.00	219.00	1.00	0.03		2.00	46.00	62.00
			1007575	219.00	220.00	1.00	0.02		0.50	51.00	69.00
			1007576	220.00	221.00	1.00	0.16		7.00	665.00	1077.00
			1007577	221.00	222.00	1.00	0.11		2.00	41.00	111.00
			1007578	222.00	223.50	1.50	1.29		20.00	169.00	530.00
			1007579	223.50	225.00	1.50	0.07		4.00	68.00	127.00
			1007581	225.00	226.49	1.49	0.04		1.00	55.00	131.00



DETAILED LOG

Hole Number: TL11152

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
226.49	284.01	MSS, Muscovite Sericite Schist	1007582	226.49	227.50	1.01	0.04		2.00	60.00	90.00
		Large MSS zone; strong sr and increased mineralization from beginning of unit until ~247m. Within interval there is common sulfide stringers (py; sph; gn; cpy); often condensed into groups up to 3cm wide. Also 3 separate areas with VG; (238.36-238.37); (239.83-239.84) and (242.40-242.47); ranging from one bleb to 10 specks. After 247m sr alteration becomes moderate and is poorly mineralized.	1007583	227.50	228.25	0.75	2.06		98.00	167.00	348.00
			1007584	228.25	229.60	1.35	0.68		16.00	1123.00	2055.00
			1007586	229.60	231.00	1.40	0.06		0.50	33.00	43.00
			1007585	229.60	231.00	1.40	0.07		1.00	41.00	54.00
			1007587	231.00	232.00	1.00	0.04		1.00	27.00	47.00
			1007588	232.00	233.00	1.00	0.19		2.00	67.00	154.00
			1007589	233.00	234.00	1.00	0.05		1.00	41.00	60.00
			1007591	234.00	235.00	1.00	0.07		0.50	35.00	99.00
			1007592	235.00	236.00	1.00	0.46		0.50	44.00	90.00
			1007593	236.00	237.00	1.00	2.32		35.00	3428.00	3698.00
			1007594	237.00	238.00	1.00	2.94		5.00	177.00	241.00
			1007595	238.00	238.50	0.50	12.18	18.02	270.00	658.00	3973.00
			1007596	238.50	239.00	0.50	15.38	13.42	165.00	664.00	706.00
			1007597	239.00	240.00	1.00	17.41	11.16	135.00	851.00	2496.00
			1007598	240.00	240.60	0.60	0.51		21.00	773.00	1179.00
			1007599	240.60	241.50	0.90	1.13		11.00	312.00	501.00
			1007601	241.50	242.17	0.67	1.02		5.00	110.00	251.00
			1007602	242.17	242.67	0.50	105.34	98.16	15.00	215.00	89.00
			1007603	242.67	243.95	1.28	0.86		2.00	66.00	70.00
			1007604	243.95	245.00	1.05	5.59	7.14	8.00	359.00	933.00
			1007605	245.00	246.00	1.00	1.55		7.00	435.00	583.00
			1007606	245.00	246.00	1.00	1.46		6.00	389.00	475.00
			1007607	246.00	247.50	1.50	3.21		4.00	254.00	703.00
			1007608	247.50	249.00	1.50	0.22		3.00	37.00	72.00
			1007609	249.00	250.00	1.00	0.04		2.00	14.00	105.00
			1007611	250.00	251.20	1.20	0.03		2.00	19.00	154.00
			1007612	251.20	252.20	1.00	0.02		1.00	19.00	125.00
			1007613	252.20	252.90	0.70	0.01		0.50	10.00	16.00
		1007614	252.90	253.50	0.60	0.02		1.00	12.00	177.00	
		1007615	253.50	255.00	1.50	0.01		0.50	9.00	23.00	
		1007616	255.00	256.50	1.50	0.16		0.50	6.00	33.00	
		1007617	256.50	258.00	1.50	0.01		0.50	7.00	66.00	
		1007618	258.00	259.50	1.50	0.01		0.50	7.00	37.00	
		1007619	259.50	261.00	1.50	0.01		2.00	12.00	43.00	
		1007621	261.00	262.50	1.50	0.01		2.00	26.00	48.00	
		1007622	262.50	264.00	1.50	0.01		1.00	12.00	32.00	
		1007623	264.00	265.50	1.50	0.01		2.00	18.00	45.00	
		1007624	265.50	267.00	1.50	0.01		2.00	16.00	22.00	
		1007626	267.00	268.50	1.50	0.01		1.00	12.00	25.00	
		1007625	267.00	268.50	1.50	0.01		1.00	12.00	24.00	
		1007627	268.50	270.00	1.50	0.01		2.00	16.00	46.00	
		1007628	270.00	271.50	1.50	0.01		1.00	13.00	19.00	

# DETAILED LOG

Hole Number: TL11152

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1007629	271.50	273.00	1.50	0.01		1.00	14.00	17.00
			1007631	273.00	274.50	1.50	0.00		1.00	17.00	13.00
			1007632	274.50	276.00	1.50	0.00		1.00	13.00	14.00
			1007633	276.00	277.50	1.50	0.01		1.00	17.00	26.00
			1007634	277.50	279.00	1.50	0.01		1.00	16.00	28.00
			1007635	279.00	280.50	1.50	0.01		1.00	17.00	49.00
			1007636	280.50	282.00	1.50	0.01		0.50	11.00	74.00
			1007637	282.00	283.00	1.00	0.01		0.50	13.00	55.00
			1007638	283.00	284.01	1.01	0.00		0.50	12.00	94.00
284.01	310.52	BMS, Biotite Muscovite Schist Typical BMS zone; wkly sericitized with common Chl bands and qtz veins distorting foliation. Poorly mineralized.	1007639	284.01	285.50	1.49	0.03		2.00	24.00	102.00
			1007641	309.00	310.52	1.52	0.02		1.00	23.00	46.00
310.52	327.73	MSS, Muscovite Sericite Schist MSS C-zone; strongly Sr with local patches of BMS; with few localized sulphide stringers (py; sph; po; gln; cpy; aspy)	1007642	310.52	312.00	1.48	0.04		1.00	25.00	52.00
			1007643	312.00	313.00	1.00	0.08		1.00	35.00	84.00
			1007644	313.00	314.00	1.00	0.66		12.00	232.00	409.00
			1007645	314.00	315.00	1.00	0.15		2.00	63.00	590.00
			1007646	314.00	315.00	1.00	0.22		2.00	63.00	854.00
			1007647	315.00	316.00	1.00	0.36		3.00	62.00	247.00
			1007648	316.00	317.00	1.00	0.17		1.00	40.00	158.00
			1007649	317.00	318.00	1.00	0.04		0.50	42.00	46.00
			1007651	318.00	319.00	1.00	0.56		0.50	24.00	50.00
			1007652	319.00	320.00	1.00	0.11		0.50	31.00	43.00
			1007653	320.00	321.00	1.00	0.26		1.00	31.00	92.00
			1007654	321.00	322.00	1.00	0.20		2.00	106.00	166.00
			1007655	322.00	323.00	1.00	0.15		1.00	51.00	700.00
			1007656	323.00	324.00	1.00	0.25		2.00	49.00	307.00
			1007657	324.00	325.00	1.00	0.15		1.00	37.00	142.00
			1007658	325.00	326.00	1.00	0.32		2.00	160.00	1074.00
			1007659	326.00	327.00	1.00	0.18		2.00	290.00	849.00
			1007661	327.00	327.73	0.73	0.22		2.00	278.00	298.00
327.73	354.00	BMS, Biotite Muscovite Schist	1007662	327.73	329.20	1.47	0.04		1.00	54.00	546.00
			1007663	329.20	330.70	1.50	0.11		2.00	98.00	324.00
			1007664	347.54	348.54	1.00	0.03		1.00	20.00	1722.00

**Samples**

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007493	66.00	67.50	0.1430		2.0000	129.0000	2189.0000
1007494	67.50	69.00	0.0830		1.0000	57.0000	1099.0000
1007495	69.00	70.50	0.0320		2.0000	59.0000	510.0000
1007496	70.50	72.00	0.0900		2.0000	74.0000	275.0000
1007497	72.00	73.50	0.0780		5.0000	241.0000	944.0000

Hole Number: TL11152

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007498	73.50	75.00	0.2080		3.0000	160.0000	718.0000
1007499	82.93	84.43	0.1080		1.0000	32.0000	112.0000
1007501	84.43	85.93	0.0310		2.0000	40.0000	150.0000
1007502	85.93	86.57	0.0080		1.0000	18.0000	73.0000
1007503	86.57	87.50	0.5960		0.5000	18.0000	26.0000
1007504	87.50	87.80	0.1270		0.5000	16.0000	226.0000
1007505	87.80	89.30	0.0100		0.5000	16.0000	158.0000
1007507	89.30	90.80	0.0100		0.5000	16.0000	51.0000
1007508	90.80	91.95	0.0130		0.5000	12.0000	28.0000
1007509	91.95	93.00	0.0220		1.0000	15.0000	36.0000
1007511	93.00	93.96	0.0130		0.5000	14.0000	41.0000
1007512	93.96	95.46	0.0270		1.0000	26.0000	121.0000
1007513	95.46	96.96	0.0240		0.5000	14.0000	94.0000
1007514	121.42	122.92	0.0290		0.5000	14.0000	82.0000
1007515	122.92	124.50	0.0270		0.5000	17.0000	19.0000
1007516	124.50	126.00	0.0080		0.5000	13.0000	21.0000
1007517	126.00	127.50	0.0230		0.5000	16.0000	19.0000
1007518	127.50	128.50	0.0150		0.5000	15.0000	21.0000
1007519	128.50	129.43	0.0110		0.5000	17.0000	27.0000
1007521	129.43	130.93	0.0140		0.5000	18.0000	65.0000
1007522	130.93	132.00	0.0150		0.5000	15.0000	182.0000
1007523	132.00	133.50	0.0350		0.5000	15.0000	163.0000
1007524	133.50	135.00	0.0450		0.5000	20.0000	150.0000
1007525	135.00	136.50	0.0190		0.5000	19.0000	88.0000
1007527	136.50	138.00	0.0300		1.0000	32.0000	111.0000
1007528	138.00	139.50	0.0450		0.5000	54.0000	97.0000
1007529	139.50	141.00	0.0170		0.5000	41.0000	93.0000
1007531	141.00	142.50	0.0180		0.5000	28.0000	111.0000
1007532	142.50	144.00	0.0230		0.5000	43.0000	531.0000
1007533	144.00	145.50	0.0120		1.0000	162.0000	397.0000
1007534	145.50	146.80	0.0170		1.0000	844.0000	2674.0000
1007535	146.80	147.56	0.1940		4.0000	3251.0000	28340.0000
1007536	147.56	148.75	0.0220		0.5000	115.0000	382.0000
1007537	148.75	150.00	0.0160		0.5000	40.0000	104.0000
1007538	150.00	151.50	0.0180		0.5000	36.0000	313.0000
1007539	151.50	153.00	0.0240		0.5000	16.0000	72.0000
1007541	164.10	165.60	0.0790		2.0000	43.0000	103.0000
1007542	165.60	166.60	1.0520		9.0000	267.0000	1224.0000
1007543	166.60	167.60	0.0580		1.0000	54.0000	94.0000

Hole Number: TL11152

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007544	167.60	168.98	0.0480		1.0000	29.0000	70.0000
1007545	168.98	170.00	0.0130		0.5000	20.0000	34.0000
1007547	170.00	171.00	0.0160		1.0000	20.0000	59.0000
1007548	171.00	172.00	0.0190		0.5000	27.0000	13.0000
1007549	172.00	173.00	0.0120		1.0000	77.0000	140.0000
1007551	173.00	174.00	0.0130		1.0000	37.0000	76.0000
1007552	174.00	175.00	0.0050		0.5000	20.0000	43.0000
1007553	175.00	176.00	0.0040		0.5000	22.0000	60.0000
1007554	176.00	177.00	0.0040		0.5000	34.0000	117.0000
1007555	177.00	178.00	0.0070		1.0000	28.0000	89.0000
1007556	178.00	179.00	0.0070		0.5000	28.0000	68.0000
1007557	179.00	180.00	0.0080		1.0000	23.0000	29.0000
1007558	180.00	181.00	0.0060		0.5000	27.0000	28.0000
1007559	181.00	182.00	0.0020		1.0000	29.0000	1297.0000
1007561	182.00	183.00	0.0070		2.0000	59.0000	90.0000
1007562	183.00	184.00	0.0060		0.5000	34.0000	121.0000
1007563	184.00	185.15	0.0020		0.5000	36.0000	40.0000
1007564	185.15	186.29	0.0040		0.5000	28.0000	37.0000
1007565	186.29	187.65	0.0150		2.0000	32.0000	70.0000
1007567	187.65	189.00	0.0150		1.0000	53.0000	152.0000
1007568	189.00	190.50	0.0240		2.0000	250.0000	344.0000
1007569	213.50	215.00	0.0190		2.0000	23.0000	63.0000
1007571	215.00	216.00	0.1080		4.0000	162.0000	413.0000
1007572	216.00	217.00	0.1270		4.0000	203.0000	1287.0000
1007573	217.00	218.00	0.0370		1.0000	56.0000	99.0000
1007574	218.00	219.00	0.0280		2.0000	46.0000	62.0000
1007575	219.00	220.00	0.0220		0.5000	51.0000	69.0000
1007576	220.00	221.00	0.1580		7.0000	665.0000	1077.0000
1007577	221.00	222.00	0.1050		2.0000	41.0000	111.0000
1007578	222.00	223.50	1.2870		20.0000	169.0000	530.0000
1007579	223.50	225.00	0.0740		4.0000	68.0000	127.0000
1007581	225.00	226.49	0.0440		1.0000	55.0000	131.0000
1007582	226.49	227.50	0.0350		2.0000	60.0000	90.0000
1007583	227.50	228.25	2.0620		98.0000	167.0000	348.0000
1007584	228.25	229.60	0.6800		16.0000	1123.0000	2055.0000
1007585	229.60	231.00	0.0650		1.0000	41.0000	54.0000
1007587	231.00	232.00	0.0350		1.0000	27.0000	47.0000
1007588	232.00	233.00	0.1870		2.0000	67.0000	154.0000
1007589	233.00	234.00	0.0540		1.0000	41.0000	60.0000

Hole Number: TL11152

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007591	234.00	235.00	0.0660		0.5000	35.0000	99.0000
1007592	235.00	236.00	0.4630		0.5000	44.0000	90.0000
1007593	236.00	237.00	2.3210		35.0000	3428.0000	3698.0000
1007594	237.00	238.00	2.9430		5.0000	177.0000	241.0000
1007595	238.00	238.50	12.1750	18.0170	270.0000	658.0000	3973.0000
1007596	238.50	239.00	15.3770	13.4170	165.0000	664.0000	706.0000
1007597	239.00	240.00	17.4140	11.1600	135.0000	851.0000	2496.0000
1007598	240.00	240.60	0.5120		21.0000	773.0000	1179.0000
1007599	240.60	241.50	1.1290		11.0000	312.0000	501.0000
1007601	241.50	242.17	1.0230		5.0000	110.0000	251.0000
1007602	242.17	242.67	105.3370	98.1590	15.0000	215.0000	89.0000
1007603	242.67	243.95	0.8580		2.0000	66.0000	70.0000
1007604	243.95	245.00	5.5930	7.1410	8.0000	359.0000	933.0000
1007605	245.00	246.00	1.5500		7.0000	435.0000	583.0000
1007607	246.00	247.50	3.2120		4.0000	254.0000	703.0000
1007608	247.50	249.00	0.2240		3.0000	37.0000	72.0000
1007609	249.00	250.00	0.0390		2.0000	14.0000	105.0000
1007611	250.00	251.20	0.0310		2.0000	19.0000	154.0000
1007612	251.20	252.20	0.0210		1.0000	19.0000	125.0000
1007613	252.20	252.90	0.0140		0.5000	10.0000	16.0000
1007614	252.90	253.50	0.0170		1.0000	12.0000	177.0000
1007615	253.50	255.00	0.0090		0.5000	9.0000	23.0000
1007616	255.00	256.50	0.1630		0.5000	6.0000	33.0000
1007617	256.50	258.00	0.0090		0.5000	7.0000	66.0000
1007618	258.00	259.50	0.0080		0.5000	7.0000	37.0000
1007619	259.50	261.00	0.0110		2.0000	12.0000	43.0000
1007621	261.00	262.50	0.0080		2.0000	26.0000	48.0000
1007622	262.50	264.00	0.0050		1.0000	12.0000	32.0000
1007623	264.00	265.50	0.0090		2.0000	18.0000	45.0000
1007624	265.50	267.00	0.0060		2.0000	16.0000	22.0000
1007625	267.00	268.50	0.0070		1.0000	12.0000	24.0000
1007627	268.50	270.00	0.0110		2.0000	16.0000	46.0000
1007628	270.00	271.50	0.0050		1.0000	13.0000	19.0000
1007629	271.50	273.00	0.0080		1.0000	14.0000	17.0000
1007631	273.00	274.50	0.0040		1.0000	17.0000	13.0000
1007632	274.50	276.00	0.0030		1.0000	13.0000	14.0000
1007633	276.00	277.50	0.0060		1.0000	17.0000	26.0000
1007634	277.50	279.00	0.0050		1.0000	16.0000	28.0000
1007635	279.00	280.50	0.0070		1.0000	17.0000	49.0000

Hole Number: TL11152

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007636	280.50	282.00	0.0070		0.5000	11.0000	74.0000
1007637	282.00	283.00	0.0060		0.5000	13.0000	55.0000
1007638	283.00	284.01	0.0040		0.5000	12.0000	94.0000
1007639	284.01	285.50	0.0250		2.0000	24.0000	102.0000
1007641	309.00	310.52	0.0180		1.0000	23.0000	46.0000
1007642	310.52	312.00	0.0420		1.0000	25.0000	52.0000
1007643	312.00	313.00	0.0790		1.0000	35.0000	84.0000
1007644	313.00	314.00	0.6580		12.0000	232.0000	409.0000
1007645	314.00	315.00	0.1450		2.0000	63.0000	590.0000
1007647	315.00	316.00	0.3640		3.0000	62.0000	247.0000
1007648	316.00	317.00	0.1680		1.0000	40.0000	158.0000
1007649	317.00	318.00	0.0420		0.5000	42.0000	46.0000
1007651	318.00	319.00	0.5630		0.5000	24.0000	50.0000
1007652	319.00	320.00	0.1090		0.5000	31.0000	43.0000
1007653	320.00	321.00	0.2600		1.0000	31.0000	92.0000
1007654	321.00	322.00	0.1950		2.0000	106.0000	166.0000
1007655	322.00	323.00	0.1510		1.0000	51.0000	700.0000
1007656	323.00	324.00	0.2500		2.0000	49.0000	307.0000
1007657	324.00	325.00	0.1490		1.0000	37.0000	142.0000
1007658	325.00	326.00	0.3160		2.0000	160.0000	1074.0000
1007659	326.00	327.00	0.1800		2.0000	290.0000	849.0000
1007661	327.00	327.73	0.2190		2.0000	278.0000	298.0000
1007662	327.73	329.20	0.0390		1.0000	54.0000	546.0000
1007663	329.20	330.70	0.1050		2.0000	98.0000	324.0000
1007664	347.54	348.54	0.0320		1.0000	20.0000	1722.0000
Sample Type	CDUP						
1007506	87.80	89.30	0.0110		1.0000	15.0000	161.0000
1007526	135.00	136.50	0.0200		1.0000	19.0000	101.0000
1007546	168.98	170.00	0.0180		0.5000	25.0000	56.0000
1007566	186.29	187.65	0.0100		1.0000	29.0000	69.0000
1007586	229.60	231.00	0.0590		0.5000	33.0000	43.0000
1007606	245.00	246.00	1.4560		6.0000	389.0000	475.0000
1007626	267.00	268.50	0.0070		1.0000	12.0000	25.0000
1007646	314.00	315.00	0.2240		2.0000	63.0000	854.0000

# DETAILED LOG

Hole Number: TL11153

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -67.00
Project Number: TMI-TL	North: 5511978.20	North:	Collar Az: 307.00
Location: Zealand Township	East: 528314.66	East:	Length: 273.00
	Elev: 395.74	Elev:	Start Depth: 0.00
Date Started: Apr 17, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Apr 19, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 273.00

Comments: Main zone from 135.62-185.33 m. 2% pyrite up to 4% locally. trace-1% sphalerite up to 7% local. trace pyrrhotite + chalcopyrite as well as trace-1% galena.  
 C Zone from 243.05-257.43 m. 2% disseminated pyrite + arsenopyrite.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	306.00	-67.00	EZ Sho	OK		21.00	307.30	-66.50	EZ Sho	OK	
51.00	309.90	-65.50	EZ Sho	OK		102.00	312.20	-64.40	EZ Sho	OK	
150.00	315.00	-62.70	EZ Sho	OK		201.00	317.20	-62.40	EZ Sho	OK	
252.00	319.80	-61.10	EZ Sho	OK		273.00	320.20	-60.00	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	6.00	OB, Overburden									
6.00	19.30	BMS, Biotite Muscovite Schist BMS zone, weakly sericitized, poorly mineralized.	1006178	18.00	19.30	1.30	0.01		2.00	0.50	11.00
19.30	30.23	MSS, Muscovite Sericite Schist Hangingwall MSS zone, strongly sericitized, poorly mineralized.	1006179	19.30	20.80	1.50	0.00		2.00	0.50	0.50
			1006181	20.80	21.88	1.08	0.01		2.00	0.50	0.50
			1006182	21.88	23.38	1.50	0.01		2.00	0.50	0.50
			1006183	23.38	24.88	1.50	0.00		1.00	0.50	0.50
			1006184	24.88	26.38	1.50	0.01		3.00	0.50	274.00
			1006186	26.38	27.88	1.50	0.00		2.00	0.50	107.00
			1006185	26.38	27.88	1.50	0.00		2.00	0.50	75.00
			1006187	27.88	29.33	1.45	0.00		2.00	0.50	0.50
			1006188	29.33	30.23	0.90	0.01		2.00	0.50	0.50
30.23	75.88	BMS, Biotite Muscovite Schist BMS zone, weakly sericitized, poorly mineralized.	1006189	30.23	31.73	1.50	0.01		2.00	0.50	7.00
			1006191	68.38	69.88	1.50	0.02		6.00	15.00	95.00
			1006192	69.88	71.38	1.50	0.05		1.00	0.50	95.00
			1006193	71.38	72.88	1.50	0.16		2.00	52.00	130.00
			1006194	72.88	74.38	1.50	0.23		3.00	27.00	41.00
			1006195	74.38	75.88	1.50	0.10		2.00	42.00	123.00

Hole Number: TL11153

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
75.88	91.11	MSS, Muscovite Sericite Schist Hangingwall MSS zone, very strongly sericitized but poorly mineralized.	1006196	75.88	77.38	1.50	0.03		2.00	23.00	48.00
			1006197	77.38	78.88	1.50	0.01		3.00	18.00	3.00
			1006198	78.88	80.38	1.50	0.01		3.00	13.00	0.50
			1006199	80.38	81.88	1.50	0.01		3.00	16.00	110.00
			1006201	81.88	83.38	1.50	0.03		4.00	28.00	329.00
			1006202	83.38	84.88	1.50	0.01		2.00	34.00	84.00
			1006203	84.88	86.38	1.50	0.00		3.00	14.00	93.00
			1006204	86.38	87.88	1.50	0.01		2.00	28.00	32.00
			1006206	87.88	89.49	1.61	0.01		2.00	32.00	56.00
			1006205	87.88	89.49	1.61	0.00		3.00	36.00	62.00
			1006207	89.49	91.11	1.62	0.01		2.00	18.00	3.00
91.11	135.62	BMS, Biotite Muscovite Schist Moderately sericitized BMS zone with local mineralization in strongly sericitized sections and qtz-carb vein (trace py, sph, cpy, mo?, po from 119.43-119.88m)	1006208	91.11	92.61	1.50	0.01		2.00	16.00	31.00
			1006209	92.61	94.11	1.50	0.01		2.00	16.00	46.00
			1006211	111.69	113.02	1.33	0.04		2.00	19.00	57.00
			1006212	113.02	114.34	1.32	0.01		2.00	200.00	412.00
			1006213	114.34	115.84	1.50	0.03		3.00	126.00	29.00
			1006214	115.84	117.34	1.50	0.01		2.00	24.00	7.00
			1006215	117.34	119.15	1.81	0.02		3.00	40.00	39.00
			1006216	119.15	120.00	0.85	0.01		3.00	46.00	63.00
			1006217	120.00	121.50	1.50	0.02		2.00	39.00	15.00
			1006218	121.50	123.00	1.50	0.04		4.00	57.00	64.00
			1006219	123.00	124.50	1.50	0.39		32.00	95.00	242.00
			1006221	124.50	126.00	1.50	0.07		9.00	60.00	77.00
			1006222	126.00	127.50	1.50	0.09		5.00	136.00	338.00
			1006223	127.50	129.00	1.50	0.03		3.00	49.00	134.00
			1006224	129.00	130.50	1.50	0.02		3.00	50.00	65.00
			1006225	130.50	132.00	1.50	0.03		3.00	18.00	22.00
			1006226	130.50	132.00	1.50	0.11		2.00	16.00	22.00
			1006227	132.00	133.20	1.20	0.02		3.00	44.00	83.00
			1006228	133.20	134.40	1.20	0.01		3.00	56.00	36.00
			1006229	134.40	135.62	1.22	0.02		2.00	59.00	55.00



## DETAILED LOG

Hole Number: TL11153

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
135.62	185.33	MSS, Muscovite Sericite Schist	1006231	135.62	136.80	1.18	0.08		3.00	275.00	649.00
		MSS main zone, strongly sericitized, with sulphide stringers (py, sph, cpy, gln, po) and local bands. 143-143.8m includes 7cm sph band with py, cpy and gln and smaller sulphide stringers. Mineralization is weaker past 145.95m	1006232	136.80	137.80	1.00	0.66		13.00	1451.00	4190.00
			1006233	137.80	138.80	1.00	0.06		4.00	160.00	829.00
			1006234	138.80	139.80	1.00	0.11		4.00	189.00	476.00
			1006235	139.80	140.80	1.00	0.06		3.00	146.00	35.00
			1006236	140.80	142.00	1.20	0.43		8.00	749.00	1553.00
			1006237	142.00	143.00	1.00	2.14		5.00	357.00	954.00
			1006238	143.00	143.80	0.80	2.21		15.00	1735.00	7567.00
			1006239	143.80	144.80	1.00	6.11	5.11	8.00	658.00	670.00
			1006241	144.80	145.80	1.00	0.55		8.00	409.00	322.00
			1006242	145.80	146.80	1.00	2.25		29.00	1393.00	352.00
			1006243	146.80	148.50	1.70	0.07		4.00	140.00	183.00
			1006244	148.50	150.00	1.50	0.07		0.50	25.00	14.00
			1006246	150.00	151.50	1.50	1.57		2.00	143.00	137.00
			1006245	150.00	151.50	1.50	1.10		3.00	71.00	197.00
			1006247	151.50	152.50	1.00	0.31		2.00	66.00	109.00
			1006248	152.50	153.50	1.00	2.17		2.00	50.00	33.00
			1006249	153.50	154.80	1.30	0.32		3.00	65.00	91.00
			1006251	154.80	156.00	1.20	0.65		4.00	83.00	34.00
			1006252	156.00	157.50	1.50	0.80		1.00	39.00	59.00
			1006253	157.50	159.00	1.50	0.03		3.00	34.00	24.00
			1006254	159.00	160.50	1.50	0.02		2.00	27.00	10.00
			1006255	160.50	162.00	1.50	0.02		2.00	51.00	70.00
			1006256	162.00	163.50	1.50	0.01		2.00	48.00	121.00
			1006257	163.50	165.00	1.50	0.02		2.00	40.00	87.00
			1006258	165.00	166.50	1.50	0.02		2.00	30.00	35.00
			1006259	166.50	168.00	1.50	0.01		3.00	30.00	61.00
			1006261	168.00	169.50	1.50	0.01		2.00	14.00	17.00
			1006262	169.50	171.00	1.50	0.00		3.00	15.00	8.00
			1006263	171.00	172.00	1.00	0.01		3.00	18.00	19.00
			1006264	172.00	173.00	1.00	0.01		2.00	13.00	43.00
			1006265	173.00	174.00	1.00	0.01		2.00	14.00	67.00
			1006266	173.00	174.00	1.00	0.00		2.00	18.00	100.00
			1006267	174.00	174.83	0.83	0.02		2.00	13.00	0.50
			1006268	174.83	175.66	0.83	0.02		1.00	16.00	20.00
			1006269	175.66	177.00	1.34	0.01		3.00	12.00	14.00
			1006271	177.00	178.50	1.50	0.02		2.00	10.00	12.00
			1006272	178.50	180.00	1.50	0.02		3.00	10.00	13.00
			1006273	180.00	181.50	1.50	0.02		2.00	10.00	10.00
			1006274	181.50	183.00	1.50	0.00		2.00	10.00	0.50
			1006275	183.00	184.15	1.15	0.05		14.00	19.00	45.00
			1006276	184.15	185.33	1.18	0.00		2.00	18.00	0.50

DETAILED LOG

Hole Number: TL11153

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
185.33	243.05	BMS, Biotite Muscovite Schist BMS zone, weakly to moderately sericitized, local sections of very strong ser. Poorly mineralized.	1006277	185.33	186.83	1.50	0.01		2.00	12.00	61.00
			1006278	186.83	188.33	1.50	0.01		3.00	15.00	23.00
			1006279	188.33	189.83	1.50	0.01		2.00	12.00	12.00
			1006281	233.92	235.23	1.31	0.21		15.00	282.00	415.00
			1006282	235.23	236.67	1.44	0.03		1.00	43.00	81.00
			1006283	236.67	238.17	1.50	0.06		3.00	56.00	179.00
			1006284	238.17	239.67	1.50	0.03		2.00	34.00	48.00
			1006285	239.67	240.77	1.10	0.02		3.00	25.00	37.00
			1006286	239.67	240.77	1.10	0.02		2.00	24.00	39.00
			1006287	240.77	241.83	1.06	0.02		1.00	27.00	31.00
			1006288	241.83	243.05	1.22	0.03	2.00	30.00	69.00	
243.05	257.43	MSS, Muscovite Sericite Schist MSS C-zone, strongly sericitized, with some sulphide stringers (py, sph, aspy)	1006289	243.05	244.20	1.15	0.27		3.00	39.00	74.00
			1006291	244.20	245.45	1.25	0.38		2.00	53.00	109.00
			1006292	245.45	246.45	1.00	0.07		3.00	46.00	28.00
			1006293	246.45	247.45	1.00	0.05		2.00	71.00	133.00
			1006294	247.45	248.45	1.00	0.06		2.00	61.00	327.00
			1006295	248.45	249.45	1.00	0.27		3.00	144.00	25.00
			1006296	249.45	250.45	1.00	1.11		4.00	524.00	3042.00
			1006297	250.45	251.45	1.00	0.54		3.00	168.00	1313.00
			1006298	251.45	252.45	1.00	0.18		2.00	129.00	232.00
			1006299	252.45	253.45	1.00	0.15		2.00	171.00	356.00
			1006301	253.45	254.45	1.00	0.22		2.00	85.00	176.00
			1006302	254.45	255.45	1.00	0.16		2.00	46.00	493.00
			1006303	255.45	256.45	1.00	0.24		2.00	33.00	170.00
			1006304	256.45	257.43	0.98	0.08	3.00	58.00	321.00	
257.43	273.00	BMS, Biotite Muscovite Schist Footwall BMS zone. Poorly mineralized. EOH@ 273m	1006305	257.43	258.93	1.50	0.03	4.00	72.00	4923.00	
			1006306	257.43	258.93	1.50	0.03	2.00	61.00	169.00	

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006178	18.00	19.30	0.0060		2.0000	0.5000	11.0000
1006179	19.30	20.80	0.0040		2.0000	0.5000	0.5000
1006181	20.80	21.88	0.0050		2.0000	0.5000	0.5000
1006182	21.88	23.38	0.0100		2.0000	0.5000	0.5000
1006183	23.38	24.88	0.0040		1.0000	0.5000	0.5000
1006184	24.88	26.38	0.0050		3.0000	0.5000	274.0000
1006185	26.38	27.88	0.0040		2.0000	0.5000	75.0000
1006187	27.88	29.33	0.0040		2.0000	0.5000	0.5000
1006188	29.33	30.23	0.0050		2.0000	0.5000	0.5000
1006189	30.23	31.73	0.0080		2.0000	0.5000	7.0000

Hole Number: TL11153

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006191	68.38	69.88	0.0190		6.0000	15.0000	95.0000
1006192	69.88	71.38	0.0490		1.0000	0.5000	95.0000
1006193	71.38	72.88	0.1590		2.0000	52.0000	130.0000
1006194	72.88	74.38	0.2260		3.0000	27.0000	41.0000
1006195	74.38	75.88	0.1020		2.0000	42.0000	123.0000
1006196	75.88	77.38	0.0250		2.0000	23.0000	48.0000
1006197	77.38	78.88	0.0110		3.0000	18.0000	3.0000
1006198	78.88	80.38	0.0050		3.0000	13.0000	0.5000
1006199	80.38	81.88	0.0090		3.0000	16.0000	110.0000
1006201	81.88	83.38	0.0300		4.0000	28.0000	329.0000
1006202	83.38	84.88	0.0070		2.0000	34.0000	84.0000
1006203	84.88	86.38	0.0040		3.0000	14.0000	93.0000
1006204	86.38	87.88	0.0080		2.0000	28.0000	32.0000
1006205	87.88	89.49	0.0040		3.0000	36.0000	62.0000
1006207	89.49	91.11	0.0060		2.0000	18.0000	3.0000
1006208	91.11	92.61	0.0080		2.0000	16.0000	31.0000
1006209	92.61	94.11	0.0080		2.0000	16.0000	46.0000
1006211	111.69	113.02	0.0370		2.0000	19.0000	57.0000
1006212	113.02	114.34	0.0120		2.0000	200.0000	412.0000
1006213	114.34	115.84	0.0290		3.0000	126.0000	29.0000
1006214	115.84	117.34	0.0110		2.0000	24.0000	7.0000
1006215	117.34	119.15	0.0160		3.0000	40.0000	39.0000
1006216	119.15	120.00	0.0110		3.0000	46.0000	63.0000
1006217	120.00	121.50	0.0170		2.0000	39.0000	15.0000
1006218	121.50	123.00	0.0380		4.0000	57.0000	64.0000
1006219	123.00	124.50	0.3880		32.0000	95.0000	242.0000
1006221	124.50	126.00	0.0670		9.0000	60.0000	77.0000
1006222	126.00	127.50	0.0900		5.0000	136.0000	338.0000
1006223	127.50	129.00	0.0320		3.0000	49.0000	134.0000
1006224	129.00	130.50	0.0170		3.0000	50.0000	65.0000
1006225	130.50	132.00	0.0260		3.0000	18.0000	22.0000
1006227	132.00	133.20	0.0190		3.0000	44.0000	83.0000
1006228	133.20	134.40	0.0140		3.0000	56.0000	36.0000
1006229	134.40	135.62	0.0150		2.0000	59.0000	55.0000
1006231	135.62	136.80	0.0750		3.0000	275.0000	649.0000
1006232	136.80	137.80	0.6620		13.0000	1451.0000	4190.0000
1006233	137.80	138.80	0.0620		4.0000	160.0000	829.0000
1006234	138.80	139.80	0.1130		4.0000	189.0000	476.0000
1006235	139.80	140.80	0.0610		3.0000	146.0000	35.0000

Hole Number: TL11153

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006236	140.80	142.00	0.4270		8.0000	749.0000	1553.0000
1006237	142.00	143.00	2.1440		5.0000	357.0000	954.0000
1006238	143.00	143.80	2.2120		15.0000	1735.0000	7567.0000
1006239	143.80	144.80	6.1120	5.1070	8.0000	658.0000	670.0000
1006241	144.80	145.80	0.5540		8.0000	409.0000	322.0000
1006242	145.80	146.80	2.2480		29.0000	1393.0000	352.0000
1006243	146.80	148.50	0.0740		4.0000	140.0000	183.0000
1006244	148.50	150.00	0.0680		0.5000	25.0000	14.0000
1006245	150.00	151.50	1.1040		3.0000	71.0000	197.0000
1006247	151.50	152.50	0.3080		2.0000	66.0000	109.0000
1006248	152.50	153.50	2.1710		2.0000	50.0000	33.0000
1006249	153.50	154.80	0.3160		3.0000	65.0000	91.0000
1006251	154.80	156.00	0.6520		4.0000	83.0000	34.0000
1006252	156.00	157.50	0.7990		1.0000	39.0000	59.0000
1006253	157.50	159.00	0.0290		3.0000	34.0000	24.0000
1006254	159.00	160.50	0.0210		2.0000	27.0000	10.0000
1006255	160.50	162.00	0.0160		2.0000	51.0000	70.0000
1006256	162.00	163.50	0.0090		2.0000	48.0000	121.0000
1006257	163.50	165.00	0.0180		2.0000	40.0000	87.0000
1006258	165.00	166.50	0.0150		2.0000	30.0000	35.0000
1006259	166.50	168.00	0.0130		3.0000	30.0000	61.0000
1006261	168.00	169.50	0.0060		2.0000	14.0000	17.0000
1006262	169.50	171.00	0.0030		3.0000	15.0000	8.0000
1006263	171.00	172.00	0.0090		3.0000	18.0000	19.0000
1006264	172.00	173.00	0.0080		2.0000	13.0000	43.0000
1006265	173.00	174.00	0.0060		2.0000	14.0000	67.0000
1006267	174.00	174.83	0.0160		2.0000	13.0000	0.5000
1006268	174.83	175.66	0.0170		1.0000	16.0000	20.0000
1006269	175.66	177.00	0.0130		3.0000	12.0000	14.0000
1006271	177.00	178.50	0.0150		2.0000	10.0000	12.0000
1006272	178.50	180.00	0.0150		3.0000	10.0000	13.0000
1006273	180.00	181.50	0.0170		2.0000	10.0000	10.0000
1006274	181.50	183.00	0.0030		2.0000	10.0000	0.5000
1006275	183.00	184.15	0.0460		14.0000	19.0000	45.0000
1006276	184.15	185.33	0.0040		2.0000	18.0000	0.5000
1006277	185.33	186.83	0.0070		2.0000	12.0000	61.0000
1006278	186.83	188.33	0.0070		3.0000	15.0000	23.0000
1006279	188.33	189.83	0.0070		2.0000	12.0000	12.0000
1006281	233.92	235.23	0.2060		15.0000	282.0000	415.0000

Hole Number: TL11153

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006282	235.23	236.67	0.0320		1.0000	43.0000	81.0000
1006283	236.67	238.17	0.0560		3.0000	56.0000	179.0000
1006284	238.17	239.67	0.0260		2.0000	34.0000	48.0000
1006285	239.67	240.77	0.0150		3.0000	25.0000	37.0000
1006287	240.77	241.83	0.0180		1.0000	27.0000	31.0000
1006288	241.83	243.05	0.0330		2.0000	30.0000	69.0000
1006289	243.05	244.20	0.2720		3.0000	39.0000	74.0000
1006291	244.20	245.45	0.3830		2.0000	53.0000	109.0000
1006292	245.45	246.45	0.0660		3.0000	46.0000	28.0000
1006293	246.45	247.45	0.0500		2.0000	71.0000	133.0000
1006294	247.45	248.45	0.0580		2.0000	61.0000	327.0000
1006295	248.45	249.45	0.2660		3.0000	144.0000	25.0000
1006296	249.45	250.45	1.1060		4.0000	524.0000	3042.0000
1006297	250.45	251.45	0.5370		3.0000	168.0000	1313.0000
1006298	251.45	252.45	0.1770		2.0000	129.0000	232.0000
1006299	252.45	253.45	0.1510		2.0000	171.0000	356.0000
1006301	253.45	254.45	0.2200		2.0000	85.0000	176.0000
1006302	254.45	255.45	0.1610		2.0000	46.0000	493.0000
1006303	255.45	256.45	0.2440		2.0000	33.0000	170.0000
1006304	256.45	257.43	0.0830		3.0000	58.0000	321.0000
1006305	257.43	258.93	0.0310		4.0000	72.0000	4923.0000
Sample Type	CDUP						
1006186	26.38	27.88	0.0030		2.0000	0.5000	107.0000
1006206	87.88	89.49	0.0130		2.0000	32.0000	56.0000
1006226	130.50	132.00	0.1090		2.0000	16.0000	22.0000
1006246	150.00	151.50	1.5690		2.0000	143.0000	137.0000
1006266	173.00	174.00	0.0040		2.0000	18.0000	100.0000
1006286	239.67	240.77	0.0180		2.0000	24.0000	39.0000
1006306	257.43	258.93	0.0280		2.0000	61.0000	169.0000

# DETAILED LOG

Hole Number: TL11154

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5512009.59	North:	Collar Az: 320.00
Location: Zealand Township	East: 528389.14	East:	Length: 249.00
	Elev: 396.32	Elev:	Start Depth: 0.00
Date Started: Apr 19, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Apr 20, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 249.00

Comments: Overall poorly mineralized Main zone and C-zone.  
 Main zone from 127.79-186.73 m. Pyrite + Sphalerite + trace galena and chalcopyrite.  
 Two micro-blebs of V.G found at 154.58-154.59. See attached picture box 30.  
 C Zone from 210.57-232.30 m.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	318.00	-64.00	EZ Sho	OK		30.00	318.10	-63.40	EZ Sho	OK	
51.00	317.50	-63.20	EZ Sho	OK		102.00	319.20	-62.20	EZ Sho	OK	
150.00	320.60	-60.80	EZ Sho	OK		201.00	323.70	-58.40	EZ Sho	OK	
249.00	327.30	-56.90	EZ Sho	OK							

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	7.19	OB, Overburden Casing to 7.05 m, overburden to 7.19. Granite boulder from 7.05-7.19.									
7.19	60.90	BMS, Biotite Muscovite Schist Typical BMS. Gradational lower contact with an incr in ser altn at 42m. Uncommon qtz veins and ch/ep bands. Py increases from 2-3% to 3-4% where ser altn increases at 42m. Trace asp, sph, and galena.	1007815	46.74	48.00	1.26	0.22		5.00	2624.00	5265.00
			1007816	48.00	49.40	1.40	0.07		2.00	497.00	852.00
			1007817	49.40	50.40	1.00	0.13		2.00	180.00	148.00
			1007818	50.40	51.40	1.00	0.04		1.00	110.00	114.00
			1007819	51.40	52.90	1.50	0.04		1.00	95.00	118.00
			1007821	52.90	54.40	1.50	0.05		1.00	66.00	113.00
			1007822	54.40	55.40	1.00	0.15		3.00	128.00	287.00
			1007823	55.40	56.40	1.00	0.15		1.00	67.00	153.00
			1007824	56.40	57.40	1.00	0.26		2.00	94.00	115.00
			1007826	57.40	58.40	1.00	0.24		3.00	182.00	561.00
			1007825	57.40	58.40	1.00	0.19		3.00	168.00	733.00
			1007827	58.40	59.90	1.50	0.24		2.00	64.00	163.00
			1007828	59.90	60.90	1.00	0.04		3.00	66.00	120.00

## DETAILED LOG

Hole Number: TL11154

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
60.90	80.81	MSS, Muscovite Sericite Schist	1007829	60.90	62.40	1.50	0.03		1.00	67.00	113.00
		Poorly mineralized MSS. Two fracture sets present, crosscutting foliation at 50-60 deg and a rare set at 20-30 deg TCA. Fault zone parallel to foliation at 61.93-62.38m. Highly sericitized with local increases in silicification. Local fuchsite and amph altn. Rare ch.ep bands and qtz veins. Trace py and sph.	1007831	62.40	63.90	1.50	0.01		1.00	38.00	42.00
			1007832	63.90	65.40	1.50	0.01		1.00	36.00	36.00
			1007833	65.40	66.90	1.50	0.01		1.00	32.00	42.00
			1007834	66.90	68.40	1.50	0.01		1.00	36.00	33.00
			1007835	68.40	69.90	1.50	0.02		0.50	36.00	42.00
			1007836	69.90	71.40	1.50	0.02		1.00	36.00	29.00
			1007837	71.40	72.90	1.50	0.02		1.00	83.00	118.00
			1007838	72.90	74.40	1.50	0.01		1.00	59.00	55.00
			1007839	74.40	75.90	1.50	0.01		0.50	81.00	124.00
			1007841	75.90	77.40	1.50	0.01		1.00	183.00	242.00
			1007842	77.40	78.90	1.50	0.00		1.00	61.00	64.00
			1007843	78.90	79.81	0.91	0.00		1.00	55.00	38.00
			1007844	79.81	80.81	1.00	0.00		1.00	54.00	89.00
80.81	127.79	BMS, Biotite Muscovite Schist	1007845	80.81	82.31	1.50	0.01		1.00	51.00	78.00
		BMS with uncommon fracturing and microfaulting at 127.23-127.33. Gradational lower contact with an incr in ser altn. Rare ch/ep bands and uncommon qtz veins. Massive qtz vein at 87.39-87.85m. Mafic dyke at 127.54-127.63m. Trace to 1% diss py and trace asp, cp, and sph.	1007846	80.81	82.31	1.50	0.02		1.00	57.00	79.00
			1007847	111.14	111.66	0.52	0.01		2.00	87.00	127.00
			1007848	111.66	113.16	1.50	0.02		1.00	46.00	96.00
			1007849	113.16	114.66	1.50	0.04		1.00	55.00	215.00
			1007851	114.66	115.79	1.13	0.01		2.00	42.00	87.00
			1007852	115.79	117.29	1.50	0.01		3.00	55.00	59.00
			1007853	117.29	118.79	1.50	0.01		3.00	49.00	52.00
			1007854	118.79	120.29	1.50	0.13		8.00	95.00	111.00
			1007855	120.29	121.79	1.50	0.05		2.00	89.00	106.00
			1007856	121.79	123.29	1.50	0.09		2.00	91.00	149.00
			1007857	123.29	124.79	1.50	0.02		2.00	48.00	134.00
			1007858	124.79	126.29	1.50	0.01		1.00	44.00	74.00
			1007859	126.29	127.79	1.50	0.10		3.00	193.00	442.00

## DETAILED LOG

Hole Number: TL11154

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
127.79	186.73	MSS, Muscovite Sericite Schist	1007861	127.79	129.29	1.50	0.13		2.00	119.00	166.00
		MSS main zone. Uncommon fracturing at 15-30 deg TCA and crosscutting	1007862	129.29	130.00	0.71	0.15		2.00	143.00	186.00
		foliation at 50-70 deg TCA. F2 folds at 141.66 m and 170.35 m. Fault zone at	1007863	130.00	131.00	1.00	0.39		8.00	472.00	925.00
		129.21 to 129.86 m. Very strong ser altn throughout. Uncommon ch/ep bands	1007864	131.00	132.00	1.00	2.56		12.00	832.00	1347.00
		and qtz veins. Trace sph and trace to 1% py until 131.68 m. From 131.68-133	1007865	132.00	133.00	1.00	1.58		31.00	2318.00	3911.00
		m abundant sulphide stringers; 10% py stringers, 2-3% gn, 4% sph and 1-2%	1007866	132.00	133.00	1.00	0.98		28.00	1834.00	4290.00
		cp. From 133-186.73 m 2-3% py and trace sph, gn, and cp. Microblebs of Au at	1007867	133.00	134.38	1.38	0.91		9.00	486.00	1154.00
		154.58 m. Picture attached under mineralization tab.	1007868	134.38	134.88	0.50	0.77		17.00	1128.00	1404.00
			1007869	134.88	135.88	1.00	0.16		5.00	277.00	420.00
			1007871	135.88	136.88	1.00	0.89		9.00	796.00	1335.00
			1007872	136.88	137.88	1.00	0.29		7.00	626.00	419.00
			1007873	137.88	138.88	1.00	0.32		3.00	197.00	539.00
			1007874	138.88	139.88	1.00	0.07		2.00	124.00	219.00
			1007875	139.88	140.88	1.00	2.18		8.00	724.00	1277.00
			1007876	140.88	141.88	1.00	0.05		2.00	93.00	128.00
			1007877	141.88	142.88	1.00	0.78		6.00	135.00	348.00
			1007878	142.88	143.88	1.00	0.77		16.00	119.00	214.00
			1007879	143.88	144.88	1.00	0.17		6.00	113.00	257.00
			1007881	144.88	145.88	1.00	0.18		5.00	123.00	117.00
			1007882	145.88	146.88	1.00	1.01		8.00	133.00	295.00
			1007883	146.88	147.88	1.00	0.12		3.00	69.00	104.00
			1007884	147.88	148.88	1.00	0.54		7.00	264.00	428.00
			1007885	148.88	149.88	1.00	0.57		3.00	226.00	263.00
			1007886	148.88	149.88	1.00	0.13		3.00	205.00	316.00
			1007887	149.88	150.45	0.57	0.06		2.00	52.00	69.00
			1007888	150.45	151.45	1.00	0.29		4.00	190.00	617.00
			1007889	151.45	152.45	1.00	0.03		1.00	56.00	83.00
			1007891	152.45	153.45	1.00	0.24	0.36	5.00	83.00	101.00
			1007892	153.45	154.69	1.24	0.17	0.23	4.00	172.00	269.00
			1007893	154.69	155.94	1.25	0.05	0.04	2.00	134.00	281.00
			1007894	155.94	156.94	1.00	0.01		1.00	52.00	130.00
			1007895	156.94	157.94	1.00	0.01		1.00	39.00	52.00
			1007896	157.94	158.94	1.00	0.01		0.50	35.00	59.00
			1007897	158.94	159.94	1.00	0.00		1.00	31.00	50.00
			1007898	159.94	160.94	1.00	0.01		1.00	31.00	43.00
			1007899	160.94	161.90	0.96	0.01		0.50	29.00	41.00
			1007901	161.90	162.90	1.00	0.01		0.50	38.00	69.00
			1007902	162.90	163.90	1.00	0.01		1.00	36.00	76.00
			1007903	163.90	164.90	1.00	0.01		0.50	39.00	66.00
			1007904	164.90	165.90	1.00	0.01		0.50	34.00	71.00
			1007905	165.90	166.90	1.00	0.01		1.00	38.00	54.00
			1007906	165.90	166.90	1.00	0.03		1.00	43.00	52.00
			1007907	166.90	167.90	1.00	0.01		1.00	36.00	69.00



## DETAILED LOG

Hole Number: TL11154

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1007908	167.90	168.90	1.00	0.02		1.00	47.00	66.00
			1007909	168.90	169.90	1.00	0.02		2.00	43.00	81.00
			1007911	169.90	170.90	1.00	0.04		1.00	116.00	198.00
			1007912	170.90	171.90	1.00	0.01		1.00	86.00	195.00
			1007913	171.90	173.40	1.50	0.00		0.50	34.00	39.00
			1007914	173.40	174.90	1.50	0.02		0.50	33.00	46.00
			1007915	174.90	176.40	1.50	0.01		1.00	31.00	40.00
			1007916	176.40	177.90	1.50	0.01		1.00	28.00	40.00
			1007917	177.90	179.40	1.50	0.01		1.00	38.00	75.00
			1007918	179.40	180.90	1.50	0.01		1.00	33.00	37.00
			1007919	180.90	182.40	1.50	0.01		1.00	36.00	47.00
			1007921	182.40	183.40	1.00	0.02		1.00	33.00	62.00
			1007922	183.40	184.40	1.00	0.01		1.00	29.00	74.00
			1007923	184.40	185.73	1.33	0.00		1.00	36.00	61.00
			1007924	185.73	186.73	1.00	0.01		1.00	43.00	56.00
186.73	210.57	BMS, Biotite Muscovite Schist	1007925	186.73	188.23	1.50	0.01		2.00	55.00	104.00
		Typical BMS with uncommon fracturing and one F2 fold at 196.28-196.35 with an orientation of 47 deg TCA. Upper contact with MSS is gradational. Section with carbonate? altn from 194.02-201m. Uncommon qtz veins and ch/ep bands. 3-4% diss py and trace sph and asp.	1007926	186.73	188.23	1.50	0.01		2.00	58.00	120.00
			1007927	188.23	189.73	1.50	0.01		2.00	58.00	86.00
			1007928	208.57	209.57	1.00	0.01		1.00	45.00	57.00
			1007929	209.57	210.57	1.00	0.01		3.00	47.00	51.00
210.57	232.30	MSS, Muscovite Sericite Schist	1007931	210.57	211.57	1.00	0.02		2.00	47.00	64.00
		Poorly mineralized C-zone. Two fracture sets present. Fault zones at 223.74-224.02m and 230.13-230.21m. Degree of ser altn varies from 15% ser in one small section to 95% ser altn. Rare qtz veins and local qtz lenses. 3-4% diss py with common stringers and 1% asp blebs w/i sulph stringers. Trace sph and po. Lower contact with BMS is gradational.	1007932	211.57	212.57	1.00	0.03		2.00	52.00	112.00
			1007933	212.57	213.57	1.00	0.06		2.00	49.00	60.00
			1007934	213.57	214.72	1.15	0.22		1.00	37.00	64.00
			1007935	214.72	215.72	1.00	0.03		0.50	60.00	94.00
			1007936	215.72	216.72	1.00	0.01		1.00	77.00	119.00
			1007937	216.72	217.72	1.00	0.51		2.00	100.00	135.00
			1007938	217.72	218.79	1.07	0.81		11.00	303.00	521.00
			1007939	218.79	219.79	1.00	8.20	6.56	39.00	526.00	120.00
			1007941	219.79	220.85	1.06	4.01		6.00	179.00	133.00
			1007942	220.85	221.85	1.00	0.12		1.00	93.00	80.00
			1007943	221.85	222.85	1.00	1.53		7.00	341.00	442.00
			1007944	222.85	224.35	1.50	0.40		6.00	230.00	243.00
			1007945	224.35	225.85	1.50	0.09		2.00	74.00	94.00
			1007946	224.35	225.85	1.50	0.10		2.00	71.00	91.00
			1007947	225.85	227.35	1.50	0.17		2.00	59.00	92.00
			1007948	227.35	228.85	1.50	0.09		2.00	108.00	144.00
			1007949	228.85	230.35	1.50	0.71		4.00	286.00	737.00
			1007951	230.35	231.35	1.00	0.64		4.00	266.00	1086.00
			1007952	231.35	232.30	0.95	0.16		2.00	187.00	76.00

# DETAILED LOG

Hole Number: TL11154

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
232.30	249.00	BMS, Biotite Muscovite Schist  BMS with gradational contact and sections of ser altn .5-1.5m long. Uncommon fracturing and local qtz blebs and lenses. Uncommon qtz veins and one ch/ep band. 2-3% py stringers with minor diss and 1-2% asp with trace cp and po/pent?.	1007953	232.30	233.80	1.50	0.08		1.00	66.00	96.00
			1007954	233.80	235.09	1.29	0.14		2.00	60.00	398.00
			1007955	235.09	236.09	1.00	0.91		6.00	432.00	2918.00
			1007956	236.09	237.00	0.91	0.10		0.50	65.00	170.00
			1007957	237.00	238.02	1.02	0.03		0.50	48.00	79.00
			1007958	238.02	239.00	0.98	0.14		1.00	62.00	239.00
			1007959	239.00	239.88	0.88	0.15		1.00	49.00	73.00
			1007961	239.88	241.38	1.50	0.04		1.00	56.00	89.00
			1007962	241.38	242.93	1.55	0.01		1.00	66.00	127.00
			1007963	242.93	243.93	1.00	0.01		2.00	69.00	127.00
			1007964	243.93	245.29	1.36	0.02		2.00	63.00	158.00
			1007965	245.29	246.79	1.50	0.04		1.00	61.00	110.00
			1007966	245.29	246.79	1.50	0.05		2.00	60.00	113.00
			1007967	246.79	247.89	1.10	0.06		1.00	55.00	113.00
		1007968	247.89	249.00	1.11	0.04		0.50	65.00	128.00	

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007815	46.74	48.00	0.2220		5.0000	2624.0000	5265.0000
1007816	48.00	49.40	0.0680		2.0000	497.0000	852.0000
1007817	49.40	50.40	0.1260		2.0000	180.0000	148.0000
1007818	50.40	51.40	0.0420		1.0000	110.0000	114.0000
1007819	51.40	52.90	0.0350		1.0000	95.0000	118.0000
1007821	52.90	54.40	0.0520		1.0000	66.0000	113.0000
1007822	54.40	55.40	0.1460		3.0000	128.0000	287.0000
1007823	55.40	56.40	0.1500		1.0000	67.0000	153.0000
1007824	56.40	57.40	0.2600		2.0000	94.0000	115.0000
1007825	57.40	58.40	0.1930		3.0000	168.0000	733.0000
1007827	58.40	59.90	0.2410		2.0000	64.0000	163.0000
1007828	59.90	60.90	0.0440		3.0000	66.0000	120.0000
1007829	60.90	62.40	0.0270		1.0000	67.0000	113.0000
1007831	62.40	63.90	0.0110		1.0000	38.0000	42.0000
1007832	63.90	65.40	0.0120		1.0000	36.0000	36.0000
1007833	65.40	66.90	0.0130		1.0000	32.0000	42.0000
1007834	66.90	68.40	0.0130		1.0000	36.0000	33.0000
1007835	68.40	69.90	0.0150		0.5000	36.0000	42.0000
1007836	69.90	71.40	0.0170		1.0000	36.0000	29.0000
1007837	71.40	72.90	0.0170		1.0000	83.0000	118.0000
1007838	72.90	74.40	0.0130		1.0000	59.0000	55.0000
1007839	74.40	75.90	0.0130		0.5000	81.0000	124.0000

Hole Number: TL11154

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007841	75.90	77.40	0.0090		1.0000	183.0000	242.0000
1007842	77.40	78.90	0.0030		1.0000	61.0000	64.0000
1007843	78.90	79.81	0.0040		1.0000	55.0000	38.0000
1007844	79.81	80.81	0.0030		1.0000	54.0000	89.0000
1007845	80.81	82.31	0.0110		1.0000	51.0000	78.0000
1007847	111.14	111.66	0.0080		2.0000	87.0000	127.0000
1007848	111.66	113.16	0.0180		1.0000	46.0000	96.0000
1007849	113.16	114.66	0.0370		1.0000	55.0000	215.0000
1007851	114.66	115.79	0.0120		2.0000	42.0000	87.0000
1007852	115.79	117.29	0.0110		3.0000	55.0000	59.0000
1007853	117.29	118.79	0.0070		3.0000	49.0000	52.0000
1007854	118.79	120.29	0.1250		8.0000	95.0000	111.0000
1007855	120.29	121.79	0.0500		2.0000	89.0000	106.0000
1007856	121.79	123.29	0.0880		2.0000	91.0000	149.0000
1007857	123.29	124.79	0.0210		2.0000	48.0000	134.0000
1007858	124.79	126.29	0.0130		1.0000	44.0000	74.0000
1007859	126.29	127.79	0.0980		3.0000	193.0000	442.0000
1007861	127.79	129.29	0.1340		2.0000	119.0000	166.0000
1007862	129.29	130.00	0.1480		2.0000	143.0000	186.0000
1007863	130.00	131.00	0.3940		8.0000	472.0000	925.0000
1007864	131.00	132.00	2.5610		12.0000	832.0000	1347.0000
1007865	132.00	133.00	1.5760		31.0000	2318.0000	3911.0000
1007867	133.00	134.38	0.9120		9.0000	486.0000	1154.0000
1007868	134.38	134.88	0.7660		17.0000	1128.0000	1404.0000
1007869	134.88	135.88	0.1550		5.0000	277.0000	420.0000
1007871	135.88	136.88	0.8910		9.0000	796.0000	1335.0000
1007872	136.88	137.88	0.2940		7.0000	626.0000	419.0000
1007873	137.88	138.88	0.3150		3.0000	197.0000	539.0000
1007874	138.88	139.88	0.0730		2.0000	124.0000	219.0000
1007875	139.88	140.88	2.1770		8.0000	724.0000	1277.0000
1007876	140.88	141.88	0.0470		2.0000	93.0000	128.0000
1007877	141.88	142.88	0.7790		6.0000	135.0000	348.0000
1007878	142.88	143.88	0.7690		16.0000	119.0000	214.0000
1007879	143.88	144.88	0.1660		6.0000	113.0000	257.0000
1007881	144.88	145.88	0.1750		5.0000	123.0000	117.0000
1007882	145.88	146.88	1.0130		8.0000	133.0000	295.0000
1007883	146.88	147.88	0.1180		3.0000	69.0000	104.0000
1007884	147.88	148.88	0.5390		7.0000	264.0000	428.0000
1007885	148.88	149.88	0.5740		3.0000	226.0000	263.0000

Hole Number: TL11154

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007887	149.88	150.45	0.0560		2.0000	52.0000	69.0000
1007888	150.45	151.45	0.2880		4.0000	190.0000	617.0000
1007889	151.45	152.45	0.0330		1.0000	56.0000	83.0000
1007891	152.45	153.45	0.2430	0.3550	5.0000	83.0000	101.0000
1007892	153.45	154.69	0.1700	0.2280	4.0000	172.0000	269.0000
1007893	154.69	155.94	0.0480	0.0380	2.0000	134.0000	281.0000
1007894	155.94	156.94	0.0140		1.0000	52.0000	130.0000
1007895	156.94	157.94	0.0060		1.0000	39.0000	52.0000
1007896	157.94	158.94	0.0070		0.5000	35.0000	59.0000
1007897	158.94	159.94	0.0040		1.0000	31.0000	50.0000
1007898	159.94	160.94	0.0050		1.0000	31.0000	43.0000
1007899	160.94	161.90	0.0050		0.5000	29.0000	41.0000
1007901	161.90	162.90	0.0110		0.5000	38.0000	69.0000
1007902	162.90	163.90	0.0120		1.0000	36.0000	76.0000
1007903	163.90	164.90	0.0080		0.5000	39.0000	66.0000
1007904	164.90	165.90	0.0060		0.5000	34.0000	71.0000
1007905	165.90	166.90	0.0110		1.0000	38.0000	54.0000
1007907	166.90	167.90	0.0080		1.0000	36.0000	69.0000
1007908	167.90	168.90	0.0150		1.0000	47.0000	66.0000
1007909	168.90	169.90	0.0170		2.0000	43.0000	81.0000
1007911	169.90	170.90	0.0370		1.0000	116.0000	198.0000
1007912	170.90	171.90	0.0110		1.0000	86.0000	195.0000
1007913	171.90	173.40	0.0030		0.5000	34.0000	39.0000
1007914	173.40	174.90	0.0160		0.5000	33.0000	46.0000
1007915	174.90	176.40	0.0060		1.0000	31.0000	40.0000
1007916	176.40	177.90	0.0050		1.0000	28.0000	40.0000
1007917	177.90	179.40	0.0070		1.0000	38.0000	75.0000
1007918	179.40	180.90	0.0080		1.0000	33.0000	37.0000
1007919	180.90	182.40	0.0090		1.0000	36.0000	47.0000
1007921	182.40	183.40	0.0170		1.0000	33.0000	62.0000
1007922	183.40	184.40	0.0120		1.0000	29.0000	74.0000
1007923	184.40	185.73	0.0040		1.0000	36.0000	61.0000
1007924	185.73	186.73	0.0100		1.0000	43.0000	56.0000
1007925	186.73	188.23	0.0090		2.0000	55.0000	104.0000
1007927	188.23	189.73	0.0110		2.0000	58.0000	86.0000
1007928	208.57	209.57	0.0070		1.0000	45.0000	57.0000
1007929	209.57	210.57	0.0130		3.0000	47.0000	51.0000
1007931	210.57	211.57	0.0190		2.0000	47.0000	64.0000
1007932	211.57	212.57	0.0340		2.0000	52.0000	112.0000

Hole Number: TL11154

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007933	212.57	213.57	0.0610		2.0000	49.0000	60.0000
1007934	213.57	214.72	0.2210		1.0000	37.0000	64.0000
1007935	214.72	215.72	0.0260		0.5000	60.0000	94.0000
1007936	215.72	216.72	0.0130		1.0000	77.0000	119.0000
1007937	216.72	217.72	0.5120		2.0000	100.0000	135.0000
1007938	217.72	218.79	0.8120		11.0000	303.0000	521.0000
1007939	218.79	219.79	8.1960	6.5560	39.0000	526.0000	120.0000
1007941	219.79	220.85	4.0120		6.0000	179.0000	133.0000
1007942	220.85	221.85	0.1240		1.0000	93.0000	80.0000
1007943	221.85	222.85	1.5280		7.0000	341.0000	442.0000
1007944	222.85	224.35	0.4000		6.0000	230.0000	243.0000
1007945	224.35	225.85	0.0900		2.0000	74.0000	94.0000
1007947	225.85	227.35	0.1670		2.0000	59.0000	92.0000
1007948	227.35	228.85	0.0870		2.0000	108.0000	144.0000
1007949	228.85	230.35	0.7070		4.0000	286.0000	737.0000
1007951	230.35	231.35	0.6400		4.0000	266.0000	1086.0000
1007952	231.35	232.30	0.1640		2.0000	187.0000	76.0000
1007953	232.30	233.80	0.0770		1.0000	66.0000	96.0000
1007954	233.80	235.09	0.1380		2.0000	60.0000	398.0000
1007955	235.09	236.09	0.9060		6.0000	432.0000	2918.0000
1007956	236.09	237.00	0.0970		0.5000	65.0000	170.0000
1007957	237.00	238.02	0.0250		0.5000	48.0000	79.0000
1007958	238.02	239.00	0.1380		1.0000	62.0000	239.0000
1007959	239.00	239.88	0.1470		1.0000	49.0000	73.0000
1007961	239.88	241.38	0.0390		1.0000	56.0000	89.0000
1007962	241.38	242.93	0.0110		1.0000	66.0000	127.0000
1007963	242.93	243.93	0.0140		2.0000	69.0000	127.0000
1007964	243.93	245.29	0.0190		2.0000	63.0000	158.0000
1007965	245.29	246.79	0.0370		1.0000	61.0000	110.0000
1007967	246.79	247.89	0.0640		1.0000	55.0000	113.0000
1007968	247.89	249.00	0.0440		0.5000	65.0000	128.0000
Sample Type	CDUP						
1007826	57.40	58.40	0.2390		3.0000	182.0000	561.0000
1007846	80.81	82.31	0.0180		1.0000	57.0000	79.0000
1007866	132.00	133.00	0.9750		28.0000	1834.0000	4290.0000
1007886	148.88	149.88	0.1260		3.0000	205.0000	316.0000
1007906	165.90	166.90	0.0280		1.0000	43.0000	52.0000
1007926	186.73	188.23	0.0090		2.0000	58.0000	120.0000
1007946	224.35	225.85	0.1030		2.0000	71.0000	91.0000

Hole Number: TL11154

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type CDUP							
1007966	245.29	246.79	0.0530		2.0000	60.0000	113.0000

# DETAILED LOG

Hole Number: TL11155

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -67.00
Project Number: TMI-TL	North: 5511719.06	North:	Collar Az: 311.00
Location: Zealand Township	East: 528343.00	East:	Length: 585.00
	Elev: 389.25	Elev:	Start Depth: 0.00
Date Started: Apr 20, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Sep 25, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 585.00

Comments: Quicklogged, Main zone logged and sampled (432.75-464.15m), pictured boxes 93-104, by cgenreux in May 2011.  
 The hole was logged up to 271m by rkrocker on september 18, 2011.  
 The rest of the hole was logged by fknight on 23 september 2011.  
 5x blebs of VG at:  
 491.26m  
 491.31m  
 2 @ 494.47m  
 495.93m

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	310.00	-67.00	EZ Sho	OK		51.00	311.40	-66.20	EZ Sho	OK	
105.00	313.50	-65.50	EZ Sho	OK		150.00	315.60	-64.50	EZ Sho	OK	
201.00	319.90	-63.50	EZ Sho	OK		252.00	323.80	-61.50	EZ Sho	OK	
300.00	328.40	-60.40	EZ Sho	OK		351.00	331.20	-59.10	EZ Sho	OK	
402.00	332.60	-58.40	EZ Sho	OK		450.00	335.90	-57.70	EZ Sho	OK	
501.00	337.20	-53.90	EZ Sho	OK		549.00	340.10	-49.50	EZ Sho	OK	
585.00	340.80	-46.40	EZ Sho	OK	EOH						

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	16.40	OB, Overburden Note "15m casing" from drillers									
16.40	171.95	MSED, Metasediment Medium very dark grey metaseds down to 79.26m with abundant quartz eyes and patchy epidote alteration, followed by fine grained to aphanitic dark grey metaseds (with local m-cg sections). Very weakly foliated locally and weakly shistose throughout. Could possibly be considered a weak BMS.									
171.95	432.75	BMS, Biotite Muscovite Schist BMS zone. Upper contact is sharp and perpendicular TCA. Very weakly sericitized, 15% Ser 85% Bo. Local 5% sph stringers from 393.77 to 393.90m	1006307	429.75	431.25	1.50	0.14		2.00	54.00	129.00
			1006308	431.25	432.75	1.50	0.06		2.00	64.00	216.00

DETAILED LOG

Hole Number: TL11155

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
432.75	451.67	MSS, Muscovite Sericite Schist Very strongly sericitized MSS main zone. Trace sulphide stringers (py, sph, po) and 1-2% diss pyrite.	1006309	432.75	433.75	1.00	0.01		1.00	28.00	57.00
			1006311	433.75	435.00	1.25	0.01		5.00	127.00	190.00
			1006312	435.00	436.00	1.00	0.01		1.00	17.00	66.00
			1006313	436.00	437.00	1.00	0.01		0.50	20.00	85.00
			1006314	437.00	438.00	1.00	0.01		0.50	15.00	52.00
			1006315	438.00	439.00	1.00	0.01		0.50	16.00	48.00
			1006316	439.00	440.00	1.00	0.01		1.00	14.00	29.00
			1006317	440.00	441.00	1.00	0.01		1.00	18.00	468.00
			1006318	441.00	442.00	1.00	0.01		1.00	21.00	158.00
			1006319	442.00	443.00	1.00	0.01		1.00	22.00	65.00
			1006321	443.00	444.00	1.00	0.01		1.00	30.00	139.00
			1006322	444.00	445.00	1.00	0.01		2.00	30.00	83.00
			1006323	445.00	446.00	1.00	0.01		1.00	36.00	106.00
			1006324	446.00	447.00	1.00	0.01		1.00	18.00	60.00
			1006326	447.00	448.00	1.00	0.01		0.50	18.00	116.00
			1006325	447.00	448.00	1.00	0.01		0.50	22.00	131.00
			1006327	448.00	449.00	1.00	0.01		0.50	22.00	25.00
1006328	449.00	450.00	1.00	0.01		0.50	13.00	25.00			
1006329	450.00	450.83	0.83	0.01		3.00	58.00	50.00			
1006331	450.83	451.67	0.84	0.01		1.00	21.00	92.00			
451.67	459.26	BMS, Biotite Muscovite Schist BMS zone, very weakly sericitized. Poorly mineralized.	1006332	451.67	453.20	1.53	0.01		1.00	10.00	89.00
			1006333	453.20	454.70	1.50	0.01		1.00	32.00	434.00
			1006334	454.70	456.20	1.50	0.03		1.00	34.00	256.00
			1006335	456.20	457.70	1.50	0.02		1.00	21.00	92.00
			1006336	457.70	459.26	1.56	0.02		1.00	16.00	93.00
459.26	464.15	MSS, Muscovite Sericite Schist MSS zone, very strongly sericitized. Poorly mineralized (2% diss py).	1006337	459.26	460.26	1.00	0.18		1.00	22.00	79.00
			1006338	460.26	461.26	1.00	0.14		2.00	26.00	133.00
			1006339	461.26	462.26	1.00	0.30		3.00	32.00	697.00
			1006341	462.26	463.26	1.00	0.32		4.00	58.00	115.00
			1006342	463.26	464.15	0.89	0.17		3.00	61.00	151.00
464.15	485.20	BMS, Biotite Muscovite Schist Moderately sericitized BMS, strongly foliated and poorly mineralized.	1006343	464.15	465.65	1.50	0.05		2.00	33.00	56.00
			1226941	483.70	485.20	1.50	0.50		3.00	52.00	102.00



## DETAILED LOG

Hole Number: TL11155

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
485.20	498.33	MSS, Muscovite Sericite Schist MSS zone, strongly sericitized, with local sulphide stringers (py, sph, gln, ank). 10% sulphide stringers from 491.12-491.6m	1226942	485.20	486.70	1.50	1.04		2.00	50.00	103.00
			1226943	486.70	487.70	1.00	0.04		0.50	89.00	205.00
			1226944	487.70	488.70	1.00	9.27	6.80	2.00	219.00	773.00
			1226945	488.70	489.70	1.00	0.09		2.00	233.00	439.00
			1226946	489.70	490.33	0.63	0.32		0.50	103.00	192.00
			1226947	490.33	491.13	0.80	0.12		2.00	351.00	782.00
			1226948	491.13	491.63	0.50	46.75	17.07	43.00	3238.00	12055.00
			1226949	491.63	492.23	0.60	6.31	5.82	5.00	544.00	530.00
			1226951	492.23	493.22	0.99	0.80		0.50	126.00	160.00
			1226952	493.22	494.22	1.00	0.16		0.50	96.00	422.00
			1226953	494.22	494.72	0.50	0.53		23.00	1038.00	1517.00
			1226954	494.72	495.68	0.96	1.43		5.00	204.00	341.00
			1226955	495.68	496.18	0.50	0.09		0.50	44.00	74.00
			1226956	495.68	496.18	0.50	0.09		0.50	45.00	86.00
			1226957	496.18	496.88	0.70	0.02		177.00	85.00	147.00
1226958	496.88	498.33	1.45	2.94		0.50	29.00	63.00			
498.33	510.87	BMS, Biotite Muscovite Schist Wkly-mod sericitized BMS. Poorly mineralized.	1226959	498.33	499.83	1.50	0.01		0.50	18.00	49.00
			1226961	499.83	501.33	1.50	0.01		0.50	35.00	39.00
			1226962	501.33	502.33	1.00	0.01		0.50	8.00	34.00
			1226963	502.33	503.23	0.90	0.01		0.50	10.00	52.00
			1226964	503.23	504.23	1.00	0.01		0.50	5.00	45.00
			1226965	504.23	504.93	0.70	0.01		0.50	14.00	33.00
			1226966	504.93	506.43	1.50	0.01		0.50	10.00	81.00
			1226967	506.43	507.93	1.50	0.01		0.50	7.00	88.00
			1226968	507.93	509.43	1.50	0.01		0.50	10.00	40.00
			1226969	509.43	510.87	1.44	0.01		0.50	18.00	59.00
510.87	528.24	MSS, Muscovite Sericite Schist MSS C-zone, Medium-light grey in color, very strongly sericitized and moderately silicified, with some sulphide stringers (py, sph, cpy).	1226971	510.87	511.87	1.00	0.20		2.00	38.00	50.00
			1226972	511.87	512.87	1.00	0.43		16.00	95.00	214.00
			1226973	512.87	513.87	1.00	0.34		15.00	46.00	143.00
			1226974	513.87	514.87	1.00	0.05		0.50	32.00	35.00
			1226975	514.87	515.87	1.00	0.03		0.50	42.00	108.00
			1226976	514.87	515.87	1.00	0.03		3.00	46.00	115.00
			1226977	515.87	516.37	0.50	0.30		16.00	83.00	1024.00
			1226978	516.37	517.37	1.00	0.18		11.00	128.00	373.00
			1226979	517.37	518.37	1.00	0.18		4.00	98.00	78.00
			1226981	518.37	519.48	1.11	0.06		4.00	33.00	46.00
			1226982	519.48	520.75	1.27	0.01		0.50	23.00	33.00
			1226983	520.75	522.25	1.50	0.01		0.50	24.00	152.00
			1226984	522.25	523.75	1.50	0.01		0.50	27.00	112.00
			1226985	523.75	525.25	1.50	0.00		0.50	17.00	21.00
			1226986	525.25	526.75	1.50	0.00		0.50	14.00	21.00
1226987	526.75	528.24	1.49	0.01		0.50	22.00	63.00			

## DETAILED LOG

Hole Number: TL11155

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
528.24	563.69	BMS, Biotite Muscovite Schist Weakly sericitized BMS zone, with local patches of very strong sericitization and mod silicification, up to approx 5m long (e.g 533.43-539m, 560.45-562.15m). 2-3% pyrite.	1226988	528.24	529.74	1.50	0.01		0.50	29.00	72.00
			1226989	529.74	531.24	1.50	0.02		0.50	28.00	73.00
			1226991	531.24	532.20	0.96	0.04		0.50	28.00	87.00
			1226992	532.20	533.20	1.00	0.03		0.50	36.00	73.00
			1226993	533.20	534.70	1.50	0.01		0.50	26.00	58.00
			1226994	534.70	535.70	1.00	0.04		0.50	30.00	97.00
			1226995	535.70	536.70	1.00	0.01		0.50	26.00	79.00
			1226996	535.70	536.70	1.00	0.02		0.50	29.00	82.00
			1226997	536.70	537.70	1.00	0.01		0.50	30.00	68.00
			1226998	537.70	539.00	1.30	0.09		0.50	46.00	89.00
			1226999	539.00	540.50	1.50	0.03		0.50	70.00	134.00
			1227001	540.50	542.00	1.50	0.03		0.50	51.00	177.00
			1227002	542.00	543.50	1.50	0.01		0.50	28.00	59.00
			1227003	543.50	545.00	1.50	0.07		0.50	19.00	60.00
			1227004	545.00	546.50	1.50	0.01		0.50	20.00	61.00
			1227005	546.50	547.50	1.00	0.01		0.50	27.00	42.00
			1227006	547.50	548.32	0.82	0.04		0.50	43.00	109.00
			1227007	548.32	549.00	0.68	0.03		0.50	69.00	574.00
			1227008	549.00	550.50	1.50	0.01		0.50	53.00	184.00
			1227009	550.50	552.00	1.50	0.01		0.50	51.00	438.00
			1227011	552.00	553.00	1.00	0.01		0.50	29.00	53.00
			1227012	553.00	554.08	1.08	0.01		0.50	26.00	59.00
			1227013	554.08	554.58	0.50	0.05		0.50	24.00	60.00
			1227014	554.58	555.58	1.00	0.01		0.50	53.00	84.00
			1227015	555.58	556.08	0.50	0.03		0.50	39.00	149.00
			1227016	555.58	556.08	0.50	0.02		0.50	44.00	185.00
			1227017	556.08	557.08	1.00	0.01		0.50	32.00	53.00
			1227018	557.08	558.08	1.00	0.01		0.50	28.00	55.00
			1227019	558.08	559.42	1.34	0.02		0.50	44.00	65.00
			1227021	559.42	560.22	0.80	0.05		0.50	36.00	55.00
			1227022	560.22	561.19	0.97	0.09		0.50	29.00	85.00
			1227023	561.19	562.19	1.00	0.16		0.50	32.00	104.00
			1227024	562.19	563.69	1.50	0.07		0.50	34.00	85.00
563.69	570.44	MSS, Muscovite Sericite Schist Very strongly ser and sil, light grey in color, with many sulphide stringers and bands (sph, py). Increases to 7% sulphides from 567-569.1m.	1227025	563.69	564.69	1.00	0.26		0.50	61.00	109.00
			1227026	564.69	565.69	1.00	0.01		0.50	57.00	70.00
			1227027	565.69	566.40	0.71	0.06		0.50	43.00	59.00
			1227028	566.40	566.90	0.50	0.03		0.50	44.00	114.00
			1227029	566.90	567.90	1.00	0.14		0.50	90.00	7567.00
			1227031	567.90	568.44	0.54	0.03		0.50	53.00	173.00
			1227032	568.44	569.44	1.00	0.07		0.50	58.00	2439.00
			1227033	569.44	570.44	1.00	0.04		0.50	161.00	242.00

# DETAILED LOG

Hole Number: TL11155

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
570.44	585.00	BMS, Biotite Muscovite Schist BMS zone, weakly ser Generally poorly mineralized. 576.3-579.2m: local patch of light grey, very strongly ser and sil MSS, with 7% sulphide stringers (sph, py, cpy, po, gln, ank). EOH at 585m.	1227034	570.44	571.94	1.50	0.02		0.50	63.00	91.00
			1227035	571.94	573.24	1.30	0.07		0.50	32.00	151.00
			1227036	571.94	573.24	1.30	0.06		0.50	32.00	217.00
			1227037	573.24	574.74	1.50	0.04		0.50	47.00	123.00
			1227038	574.74	575.88	1.14	0.03		0.50	38.00	107.00
			1227039	575.88	576.88	1.00	0.18		0.50	45.00	4437.00
			1227041	576.88	577.88	1.00	0.05		0.50	38.00	136.00
			1227042	577.88	578.42	0.54	0.16	0.19	0.50	51.00	532.00
			1227043	578.42	579.42	1.00	27.41	21.47	257.00	1183.00	4340.00
			1227044	579.42	580.42	1.00	0.20		0.50	64.00	673.00
			1227045	580.42	581.92	1.50	0.03		0.50	27.00	127.00
			1227046	581.92	583.42	1.50	0.10		0.50	24.00	85.00
		1227047	583.42	585.00	1.58	0.04		0.50	29.00	83.00	

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006307	429.75	431.25	0.1370		2.0000	54.0000	129.0000
1006308	431.25	432.75	0.0570		2.0000	64.0000	216.0000
1006309	432.75	433.75	0.0120		1.0000	28.0000	57.0000
1006311	433.75	435.00	0.0090		5.0000	127.0000	190.0000
1006312	435.00	436.00	0.0080		1.0000	17.0000	66.0000
1006313	436.00	437.00	0.0050		0.5000	20.0000	85.0000
1006314	437.00	438.00	0.0060		0.5000	15.0000	52.0000
1006315	438.00	439.00	0.0050		0.5000	16.0000	48.0000
1006316	439.00	440.00	0.0100		1.0000	14.0000	29.0000
1006317	440.00	441.00	0.0060		1.0000	18.0000	468.0000
1006318	441.00	442.00	0.0050		1.0000	21.0000	158.0000
1006319	442.00	443.00	0.0090		1.0000	22.0000	65.0000
1006321	443.00	444.00	0.0080		1.0000	30.0000	139.0000
1006322	444.00	445.00	0.0100		2.0000	30.0000	83.0000
1006323	445.00	446.00	0.0120		1.0000	36.0000	106.0000
1006324	446.00	447.00	0.0070		1.0000	18.0000	60.0000
1006325	447.00	448.00	0.0080		0.5000	22.0000	131.0000
1006327	448.00	449.00	0.0080		0.5000	22.0000	25.0000
1006328	449.00	450.00	0.0050		0.5000	13.0000	25.0000
1006329	450.00	450.83	0.0120		3.0000	58.0000	50.0000
1006331	450.83	451.67	0.0090		1.0000	21.0000	92.0000
1006332	451.67	453.20	0.0120		1.0000	10.0000	89.0000
1006333	453.20	454.70	0.0120		1.0000	32.0000	434.0000
1006334	454.70	456.20	0.0280		1.0000	34.0000	256.0000

Hole Number: TL11155

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006335	456.20	457.70	0.0160		1.0000	21.0000	92.0000
1006336	457.70	459.26	0.0190		1.0000	16.0000	93.0000
1006337	459.26	460.26	0.1790		1.0000	22.0000	79.0000
1006338	460.26	461.26	0.1390		2.0000	26.0000	133.0000
1006339	461.26	462.26	0.3040		3.0000	32.0000	697.0000
1006341	462.26	463.26	0.3180		4.0000	58.0000	115.0000
1006342	463.26	464.15	0.1730		3.0000	61.0000	151.0000
1006343	464.15	465.65	0.0450		2.0000	33.0000	56.0000
1226941	483.70	485.20	0.4970		3.0000	52.0000	102.0000
1226942	485.20	486.70	1.0360		2.0000	50.0000	103.0000
1226943	486.70	487.70	0.0420		0.5000	89.0000	205.0000
1226944	487.70	488.70	9.2690	6.8010	2.0000	219.0000	773.0000
1226945	488.70	489.70	0.0860		2.0000	233.0000	439.0000
1226946	489.70	490.33	0.3150		0.5000	103.0000	192.0000
1226947	490.33	491.13	0.1190		2.0000	351.0000	782.0000
1226948	491.13	491.63	46.7510	17.0650	43.0000	3238.0000	12055.0000
1226949	491.63	492.23	6.3050	5.8170	5.0000	544.0000	530.0000
1226951	492.23	493.22	0.7950		0.5000	126.0000	160.0000
1226952	493.22	494.22	0.1640		0.5000	96.0000	422.0000
1226953	494.22	494.72	0.5290		23.0000	1038.0000	1517.0000
1226954	494.72	495.68	1.4290		5.0000	204.0000	341.0000
1226955	495.68	496.18	0.0940		0.5000	44.0000	74.0000
1226957	496.18	496.88	0.0230		177.0000	85.0000	147.0000
1226958	496.88	498.33	2.9380		0.5000	29.0000	63.0000
1226959	498.33	499.83	0.0080		0.5000	18.0000	49.0000
1226961	499.83	501.33	0.0130		0.5000	35.0000	39.0000
1226962	501.33	502.33	0.0130		0.5000	8.0000	34.0000
1226963	502.33	503.23	0.0110		0.5000	10.0000	52.0000
1226964	503.23	504.23	0.0050		0.5000	5.0000	45.0000
1226965	504.23	504.93	0.0060		0.5000	14.0000	33.0000
1226966	504.93	506.43	0.0090		0.5000	10.0000	81.0000
1226967	506.43	507.93	0.0140		0.5000	7.0000	88.0000
1226968	507.93	509.43	0.0100		0.5000	10.0000	40.0000
1226969	509.43	510.87	0.0090		0.5000	18.0000	59.0000
1226971	510.87	511.87	0.1950		2.0000	38.0000	50.0000
1226972	511.87	512.87	0.4290		16.0000	95.0000	214.0000
1226973	512.87	513.87	0.3440		15.0000	46.0000	143.0000
1226974	513.87	514.87	0.0450		0.5000	32.0000	35.0000
1226975	514.87	515.87	0.0280		0.5000	42.0000	108.0000

Hole Number: TL11155

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226977	515.87	516.37	0.3040		16.0000	83.0000	1024.0000
1226978	516.37	517.37	0.1810		11.0000	128.0000	373.0000
1226979	517.37	518.37	0.1840		4.0000	98.0000	78.0000
1226981	518.37	519.48	0.0620		4.0000	33.0000	46.0000
1226982	519.48	520.75	0.0060		0.5000	23.0000	33.0000
1226983	520.75	522.25	0.0050		0.5000	24.0000	152.0000
1226984	522.25	523.75	0.0050		0.5000	27.0000	112.0000
1226985	523.75	525.25	0.0040		0.5000	17.0000	21.0000
1226986	525.25	526.75	0.0030		0.5000	14.0000	21.0000
1226987	526.75	528.24	0.0080		0.5000	22.0000	63.0000
1226988	528.24	529.74	0.0080		0.5000	29.0000	72.0000
1226989	529.74	531.24	0.0210		0.5000	28.0000	73.0000
1226991	531.24	532.20	0.0360		0.5000	28.0000	87.0000
1226992	532.20	533.20	0.0310		0.5000	36.0000	73.0000
1226993	533.20	534.70	0.0060		0.5000	26.0000	58.0000
1226994	534.70	535.70	0.0360		0.5000	30.0000	97.0000
1226995	535.70	536.70	0.0110		0.5000	26.0000	79.0000
1226997	536.70	537.70	0.0080		0.5000	30.0000	68.0000
1226998	537.70	539.00	0.0890		0.5000	46.0000	89.0000
1226999	539.00	540.50	0.0320		0.5000	70.0000	134.0000
1227001	540.50	542.00	0.0310		0.5000	51.0000	177.0000
1227002	542.00	543.50	0.0060		0.5000	28.0000	59.0000
1227003	543.50	545.00	0.0680		0.5000	19.0000	60.0000
1227004	545.00	546.50	0.0070		0.5000	20.0000	61.0000
1227005	546.50	547.50	0.0070		0.5000	27.0000	42.0000
1227006	547.50	548.32	0.0390		0.5000	43.0000	109.0000
1227007	548.32	549.00	0.0340		0.5000	69.0000	574.0000
1227008	549.00	550.50	0.0120		0.5000	53.0000	184.0000
1227009	550.50	552.00	0.0090		0.5000	51.0000	438.0000
1227011	552.00	553.00	0.0090		0.5000	29.0000	53.0000
1227012	553.00	554.08	0.0110		0.5000	26.0000	59.0000
1227013	554.08	554.58	0.0530		0.5000	24.0000	60.0000
1227014	554.58	555.58	0.0130		0.5000	53.0000	84.0000
1227015	555.58	556.08	0.0290		0.5000	39.0000	149.0000
1227017	556.08	557.08	0.0100		0.5000	32.0000	53.0000
1227018	557.08	558.08	0.0110		0.5000	28.0000	55.0000
1227019	558.08	559.42	0.0180		0.5000	44.0000	65.0000
1227021	559.42	560.22	0.0490		0.5000	36.0000	55.0000
1227022	560.22	561.19	0.0860		0.5000	29.0000	85.0000

Hole Number: TL11155

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227023	561.19	562.19	0.1590		0.5000	32.0000	104.0000
1227024	562.19	563.69	0.0650		0.5000	34.0000	85.0000
1227025	563.69	564.69	0.2630		0.5000	61.0000	109.0000
1227026	564.69	565.69	0.0090		0.5000	57.0000	70.0000
1227027	565.69	566.40	0.0590		0.5000	43.0000	59.0000
1227028	566.40	566.90	0.0320		0.5000	44.0000	114.0000
1227029	566.90	567.90	0.1370		0.5000	90.0000	7567.0000
1227031	567.90	568.44	0.0290		0.5000	53.0000	173.0000
1227032	568.44	569.44	0.0670		0.5000	58.0000	2439.0000
1227033	569.44	570.44	0.0380		0.5000	161.0000	242.0000
1227034	570.44	571.94	0.0230		0.5000	63.0000	91.0000
1227035	571.94	573.24	0.0680		0.5000	32.0000	151.0000
1227037	573.24	574.74	0.0410		0.5000	47.0000	123.0000
1227038	574.74	575.88	0.0250		0.5000	38.0000	107.0000
1227039	575.88	576.88	0.1810		0.5000	45.0000	4437.0000
1227041	576.88	577.88	0.0530		0.5000	38.0000	136.0000
1227042	577.88	578.42	0.1630	0.1870	0.5000	51.0000	532.0000
1227043	578.42	579.42	27.4110	21.4720	257.0000	1183.0000	4340.0000
1227044	579.42	580.42	0.1960		0.5000	64.0000	673.0000
1227045	580.42	581.92	0.0340		0.5000	27.0000	127.0000
1227046	581.92	583.42	0.0960		0.5000	24.0000	85.0000
1227047	583.42	585.00	0.0350		0.5000	29.0000	83.0000
Sample Type	CDUP						
1006326	447.00	448.00	0.0080		0.5000	18.0000	116.0000
1226956	495.68	496.18	0.0910		0.5000	45.0000	86.0000
1226976	514.87	515.87	0.0310		3.0000	46.0000	115.0000
1226996	535.70	536.70	0.0160		0.5000	29.0000	82.0000
1227016	555.58	556.08	0.0240		0.5000	44.0000	185.0000
1227036	571.94	573.24	0.0560		0.5000	32.0000	217.0000



## DETAILED LOG

Hole Number: TL11156

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
12.00	198.80	BMS, Biotite Muscovite Schist	1227565	37.90	39.40	1.50	0.01		0.50	9.00	196.0
			1227566	39.40	40.40	1.00	0.02		0.50	6.00	159.0
			1227567	40.40	41.40	1.00	0.01		0.50	6.00	69.0
			1227568	41.40	42.90	1.50	0.01		0.50	8.00	255.0
			1227569	116.80	118.30	1.50	0.07		0.50	11.00	206.0
			1227571	118.30	119.80	1.50	0.05		0.50	12.00	155.0
			1227572	119.80	120.30	0.50	6.42		27.00	10.00	6492.0
			1227573	120.30	121.80	1.50	0.12		0.50	5.00	215.0
			1227574	143.44	144.94	1.50	0.10		0.50	10.00	445.0
			1227575	144.94	145.44	0.50	0.03		0.50	10.00	708.0
			1227576	144.94	145.44	0.50	0.03		1.00	10.00	495.0
			1227577	145.44	146.94	1.50	0.02		0.50	8.00	376.0
			1227578	164.80	166.30	1.50	0.23		0.50	961.00	2774.0
			1227579	166.30	166.80	0.50	0.01		0.50	79.00	223.0
			1227581	166.80	167.60	0.80	0.02		0.50	139.00	134.0
			1227582	167.60	169.10	1.50	0.12		0.50	79.00	387.0
			1227583	169.10	170.60	1.50	0.03		0.50	19.00	166.0
			1227584	170.60	172.10	1.50	0.03		0.50	23.00	147.0
1227585	172.10	173.60	1.50	0.01		0.50	11.00	48.0			
1227586	197.30	198.80	1.50	0.01		0.50	7.00	145.0			
198.80	205.04	MSS, Muscovite Sericite Schist	1227587	198.80	199.80	1.00	0.01		0.50	12.00	50.0
			1227588	199.80	200.30	0.50	0.02		0.50	9.00	66.0
			1227589	200.30	201.12	0.82	0.03		0.50	15.00	73.0
			1227591	201.12	202.12	1.00	0.01		0.50	10.00	44.0
			1227592	202.12	203.05	0.93	0.01		0.50	12.00	55.0
			1227593	203.05	203.76	0.71	0.01		0.50	14.00	28.0
			1227594	203.76	205.04	1.28	0.01		0.50	8.00	42.0
205.04	222.31	BS, Biotite Schist	1227595	205.04	206.54	1.50	0.01		0.50	5.00	65.0
			1227596	205.04	206.54	1.50	0.01		0.50	2.00	54.0
222.31	276.00	BMS, Biotite Muscovite Schist	1227597	238.90	240.40	1.50	3.52		0.50	6.00	76.0
			1227598	240.40	241.40	1.00	0.01		0.50	9.00	33.0
			1227599	241.40	242.96	1.56	0.03		0.50	17.00	39.0
			1227601	242.96	244.46	1.50	0.02		0.50	8.00	54.0
			1227602	244.46	245.81	1.35	0.01		0.50	5.00	55.0
			1227603	245.81	247.31	1.50	0.01		0.50	7.00	63.0
			1227604	247.31	248.10	0.79	0.02		0.50	81.00	141.0
			1227605	248.10	248.60	0.50	0.06		0.50	69.00	552.0
			1227606	248.60	250.10	1.50	0.04		0.50	21.00	66.0
			1227607	257.24	258.74	1.50	0.01		0.50	28.00	31.0
			1227608	258.74	259.74	1.00	0.06		3.00	3665.00	7081.0
			1227609	259.74	260.74	1.00	0.02		0.50	365.00	374.0
			1227611	260.74	262.24	1.50	0.02		0.50	39.00	106.0
			1227612	274.50	276.00	1.50	0.36		0.50	32.00	116.0



## DETAILED LOG

Hole Number: TL11156

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
276.00	305.19	MSS, Muscovite Sericite Schist	1227613	276.00	276.50	0.50	0.02		0.50	182.00	1599.00
			1227614	276.50	277.50	1.00	0.01		0.50	33.00	30.00
			1227615	277.50	278.50	1.00	0.01		0.50	47.00	45.00
			1227616	277.50	278.50	1.00	0.01		0.50	45.00	48.00
			1227617	278.50	279.30	0.80	0.03		0.50	31.00	646.00
			1227618	279.30	280.35	1.05	0.02		0.50	42.00	62.00
			1227619	280.35	280.95	0.60	0.03		0.50	31.00	58.00
			1227621	280.95	281.95	1.00	0.01		0.50	22.00	28.00
			1227622	281.95	282.95	1.00	0.01		0.50	11.00	20.00
			1227623	282.95	283.95	1.00	0.01		0.50	5.00	23.00
			1227624	283.95	284.95	1.00	0.01		0.50	10.00	32.00
			1227625	284.95	285.83	0.88	0.00		0.50	13.00	81.00
			1227626	285.83	287.33	1.50	0.01		0.50	17.00	60.00
			1227627	287.33	288.83	1.50	0.01		0.50	19.00	75.00
			1227628	288.83	290.33	1.50	0.01		0.50	24.00	82.00
			1227629	290.33	291.80	1.47	0.01		0.50	24.00	229.00
			1227631	291.80	293.30	1.50	0.01		0.50	11.00	44.00
			1227632	293.30	294.80	1.50	0.01		0.50	7.00	34.00
			1227633	294.80	296.30	1.50	0.02		0.50	10.00	50.00
			1227634	296.30	297.80	1.50	0.02		0.50	29.00	125.00
			1227635	297.80	298.80	1.00	0.05		0.50	15.00	84.00
			1227636	297.80	298.80	1.00	0.07		0.50	21.00	102.00
			1227637	298.80	299.39	0.59	0.05		0.50	14.00	177.00
			1227638	299.39	300.39	1.00	0.03		0.50	18.00	65.00
			1227639	300.39	301.39	1.00	0.02		0.50	26.00	121.00
			1227641	301.39	302.19	0.80	0.01		0.50	17.00	33.00
			1227642	302.19	303.19	1.00	0.01		0.50	19.00	32.00
			1227643	303.19	304.19	1.00	0.01		0.50	17.00	29.00
			1227644	304.19	305.19	1.00	0.01		0.50	10.00	52.00
305.19	322.10	BMS, Biotite Muscovite Schist	1227645	305.19	306.69	1.50	0.02		0.50	12.00	45.00
			1007969	321.24	322.10	0.86	0.01		0.50	56.00	62.00

## DETAILED LOG

Hole Number: TL11156

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
322.10	346.38	MSS, Muscovite Sericite Schist	1007971	322.10	323.00	0.90	0.18		3.00	131.00	219.00
		MSS main zone. Uncommon fracturing crosscutting foliation at 55-70 deg TCA and 20 deg TCA. F2 folds at 336.88-336.97m and 345.37-345.45m. Highly sericitized until 331.15m where its begins to gradually increase in biotite up to the contact. Local qtz lenses and blebs which in some places contain very nice mineralization. Uncommon qtz veins and ch/ep bands. Nicest mineralization from 325-326.10m which contains abundant stringers with 4-5%py, 2-3% sph, 1-2% cp and 1% galena. The remainder of the interval contains 1-2% py, trace cp, trace galena, trace sph and trace ank?. Two possible micro-blebs of Au w/ sulph stringers at 325.4-325.54m.	1007972	323.00	324.00	1.00	2.15		8.00	905.00	949.00
			1007973	324.00	325.00	1.00	0.16		2.00	246.00	607.00
			1007974	325.00	326.00	1.00	5.28	5.59	28.00	4415.00	9755.00
			1007975	326.00	327.00	1.00	1.29		4.00	239.00	1165.00
			1007976	327.00	328.00	1.00	0.04		1.00	69.00	166.00
			1007977	328.00	329.15	1.15	0.17		0.50	63.00	168.00
			1007978	329.15	330.18	1.03	0.92		2.00	145.00	152.00
			1007979	330.18	331.15	0.97	2.26		3.00	194.00	217.00
			1007981	331.15	332.33	1.18	0.09		0.50	30.00	52.00
			1007982	332.33	333.33	1.00	0.27		1.00	16.00	51.00
			1007983	333.33	334.36	1.03	0.04		0.50	6.00	27.00
			1007984	334.36	335.32	0.96	0.04		0.50	10.00	20.00
			1007985	335.32	336.10	0.78	0.02		0.50	4.00	12.00
			1007986	335.32	336.10	0.78	0.01		0.50	4.00	16.00
			1007987	336.10	337.02	0.92	0.02		0.50	5.00	12.00
			1007988	337.02	338.04	1.02	0.03		0.50	7.00	16.00
			1007989	338.04	339.00	0.96	0.02		0.50	7.00	15.00
			1007991	339.00	339.92	0.92	0.07		0.50	17.00	29.00
			1007992	339.92	341.00	1.08	0.17		0.50	66.00	36.00
			1007993	341.00	342.00	1.00	0.53		3.00	279.00	567.00
			1007994	342.00	343.00	1.00	0.06		0.50	64.00	756.00
			1007995	343.00	344.00	1.00	0.18		2.00	410.00	615.00
			1007996	344.00	345.00	1.00	0.31		4.00	277.00	627.00
			1007997	345.00	346.38	1.38	0.08		0.50	85.00	104.00
346.38	363.27	BMS, Biotite Muscovite Schist	1007998	346.38	347.53	1.15	0.06		1.00	15.00	98.00
			1007999	347.53	348.61	1.08	0.03		6.00	5.00	60.00
			1227646	361.77	363.27	1.50	0.01		0.50	11.00	270.00
363.27	376.06	MSS, Muscovite Sericite Schist	1227647	363.27	364.27	1.00	0.00		0.50	7.00	63.00
			1227648	364.27	365.27	1.00	0.03		0.50	7.00	21.00
			1227649	365.27	366.27	1.00	0.07		0.50	13.00	70.00
			1227651	366.27	367.27	1.00	0.01		0.50	2.00	21.00
			1227652	367.27	368.27	1.00	0.01		0.50	6.00	17.00
			1227653	368.27	369.27	1.00	0.00		0.50	6.00	15.00
			1227654	369.27	370.27	1.00	0.09		0.50	14.00	37.00
			1227656	370.27	371.27	1.00	0.03		0.50	10.00	55.00
			1227655	370.27	371.27	1.00	0.02		0.50	12.00	54.00
			1227657	371.27	372.27	1.00	0.01		0.50	8.00	32.00
			1227658	372.27	373.27	1.00	0.01		0.50	3.00	22.00
			1227659	373.27	374.27	1.00	0.01		0.50	5.00	21.00
			1227661	374.27	375.27	1.00	0.03		0.50	6.00	21.00
			1227662	375.27	376.06	0.79	0.00		0.50	5.00	35.00

# DETAILED LOG

Hole Number: TL11156

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
376.06	406.68	BMS, Biotite Muscovite Schist	1227663	376.06	377.56	1.50	0.01		0.50	8.00	48.00
			1227664	377.56	379.06	1.50	0.01		0.50	12.00	65.00
			1227665	379.06	380.56	1.50	0.01		0.50	14.00	59.00
			1227666	380.56	381.82	1.26	0.00		0.50	9.00	42.00
			1227667	381.82	382.82	1.00	0.01		0.50	11.00	56.00
			1227668	382.82	384.00	1.18	0.08		0.50	12.00	59.00
			1227669	384.00	385.38	1.38	0.02		1.00	12.00	111.00
			1227671	385.38	386.88	1.50	0.01		0.50	22.00	66.00
			1227672	400.30	401.80	1.50	0.02		0.50	23.00	64.00
			1227673	401.80	403.22	1.42	0.06		0.50	19.00	88.00
			1227674	403.22	404.18	0.96	0.01		0.50	4.00	46.00
			1227676	404.18	405.18	1.00	0.00		0.50	9.00	53.00
			1227675	404.18	405.18	1.00	0.00		0.50	7.00	53.00
			1227677	405.18	406.68	1.50	0.03		0.50	17.00	40.00
406.68	428.02	MSS, Muscovite Sericite Schist	1227678	406.68	407.68	1.00	0.03		0.50	30.00	52.00
			1227679	407.68	408.68	1.00	0.06		0.50	15.00	155.00
			1227681	408.68	409.68	1.00	0.03		0.50	29.00	26.00
			1227682	409.68	410.68	1.00	0.13		0.50	24.00	44.00
			1227683	410.68	411.68	1.00	0.24		0.50	29.00	55.00
			1227684	411.68	412.68	1.00	0.16		0.50	35.00	261.00
			1227685	412.68	413.68	1.00	0.65		0.50	42.00	295.00
			1227686	413.68	414.68	1.00	0.07		0.50	30.00	82.00
			1227687	414.68	415.68	1.00	0.27		0.50	34.00	85.00
			1227688	415.68	416.68	1.00	0.09		0.50	20.00	62.00
			1227689	416.68	417.68	1.00	0.15		0.50	51.00	314.00
			1227691	417.68	418.68	1.00	0.34		0.50	103.00	1199.00
			1227692	418.68	419.68	1.00	0.49		0.50	523.00	659.00
			1227693	419.68	420.68	1.00	0.17		0.50	79.00	142.00
			1227694	420.68	421.68	1.00	0.30		0.50	164.00	280.00
			1227696	421.68	422.68	1.00	0.09		0.50	108.00	93.00
			1227695	421.68	422.68	1.00	0.08		0.50	95.00	97.00
			1227697	422.68	423.68	1.00	0.05		0.50	97.00	330.00
			1227698	423.68	424.68	1.00	0.03		0.50	50.00	43.00
			1227699	424.68	425.68	1.00	0.03		0.50	37.00	249.00
1227701	425.68	426.68	1.00	0.04		0.50	24.00	93.00			
1227702	426.68	428.02	1.34	0.03		0.50	16.00	56.00			
428.02	434.00	BMS, Biotite Muscovite Schist	1227703	428.02	429.52	1.50	0.01		0.50	22.00	72.00

**Samples**

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type ASSAY							
1227565	37.90	39.40	0.0130		0.5000	9.0000	196.0000

Hole Number: TL11156

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227566	39.40	40.40	0.0160		0.5000	6.0000	159.0000
1227567	40.40	41.40	0.0140		0.5000	6.0000	69.0000
1227568	41.40	42.90	0.0060		0.5000	8.0000	255.0000
1227569	116.80	118.30	0.0650		0.5000	11.0000	206.0000
1227571	118.30	119.80	0.0490		0.5000	12.0000	155.0000
1227572	119.80	120.30	6.4170		27.0000	10.0000	6492.0000
1227573	120.30	121.80	0.1160		0.5000	5.0000	215.0000
1227574	143.44	144.94	0.1000		0.5000	10.0000	445.0000
1227575	144.94	145.44	0.0300		0.5000	10.0000	708.0000
1227577	145.44	146.94	0.0180		0.5000	8.0000	376.0000
1227578	164.80	166.30	0.2300		0.5000	961.0000	2774.0000
1227579	166.30	166.80	0.0130		0.5000	79.0000	223.0000
1227581	166.80	167.60	0.0240		0.5000	139.0000	134.0000
1227582	167.60	169.10	0.1160		0.5000	79.0000	387.0000
1227583	169.10	170.60	0.0280		0.5000	19.0000	166.0000
1227584	170.60	172.10	0.0280		0.5000	23.0000	147.0000
1227585	172.10	173.60	0.0120		0.5000	11.0000	48.0000
1227586	197.30	198.80	0.0130		0.5000	7.0000	145.0000
1227587	198.80	199.80	0.0130		0.5000	12.0000	50.0000
1227588	199.80	200.30	0.0240		0.5000	9.0000	66.0000
1227589	200.30	201.12	0.0300		0.5000	15.0000	73.0000
1227591	201.12	202.12	0.0140		0.5000	10.0000	44.0000
1227592	202.12	203.05	0.0130		0.5000	12.0000	55.0000
1227593	203.05	203.76	0.0060		0.5000	14.0000	28.0000
1227594	203.76	205.04	0.0110		0.5000	8.0000	42.0000
1227595	205.04	206.54	0.0130		0.5000	5.0000	65.0000
1227597	238.90	240.40	3.5230		0.5000	6.0000	76.0000
1227598	240.40	241.40	0.0130		0.5000	9.0000	33.0000
1227599	241.40	242.96	0.0300		0.5000	17.0000	39.0000
1227601	242.96	244.46	0.0170		0.5000	8.0000	54.0000
1227602	244.46	245.81	0.0090		0.5000	5.0000	55.0000
1227603	245.81	247.31	0.0100		0.5000	7.0000	63.0000
1227604	247.31	248.10	0.0240		0.5000	81.0000	141.0000
1227605	248.10	248.60	0.0610		0.5000	69.0000	552.0000
1227606	248.60	250.10	0.0440		0.5000	21.0000	66.0000
1227607	257.24	258.74	0.0140		0.5000	28.0000	31.0000
1227608	258.74	259.74	0.0630		3.0000	3665.0000	7081.0000
1227609	259.74	260.74	0.0210		0.5000	365.0000	374.0000
1227611	260.74	262.24	0.0240		0.5000	39.0000	106.0000

Hole Number: TL11156

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227612	274.50	276.00	0.3550		0.5000	32.0000	116.0000
1227613	276.00	276.50	0.0150		0.5000	182.0000	1599.0000
1227614	276.50	277.50	0.0070		0.5000	33.0000	30.0000
1227615	277.50	278.50	0.0080		0.5000	47.0000	45.0000
1227617	278.50	279.30	0.0290		0.5000	31.0000	646.0000
1227618	279.30	280.35	0.0190		0.5000	42.0000	62.0000
1227619	280.35	280.95	0.0300		0.5000	31.0000	58.0000
1227621	280.95	281.95	0.0090		0.5000	22.0000	28.0000
1227622	281.95	282.95	0.0060		0.5000	11.0000	20.0000
1227623	282.95	283.95	0.0050		0.5000	5.0000	23.0000
1227624	283.95	284.95	0.0070		0.5000	10.0000	32.0000
1227625	284.95	285.83	0.0030		0.5000	13.0000	81.0000
1227626	285.83	287.33	0.0070		0.5000	17.0000	60.0000
1227627	287.33	288.83	0.0090		0.5000	19.0000	75.0000
1227628	288.83	290.33	0.0060		0.5000	24.0000	82.0000
1227629	290.33	291.80	0.0110		0.5000	24.0000	229.0000
1227631	291.80	293.30	0.0100		0.5000	11.0000	44.0000
1227632	293.30	294.80	0.0060		0.5000	7.0000	34.0000
1227633	294.80	296.30	0.0170		0.5000	10.0000	50.0000
1227634	296.30	297.80	0.0160		0.5000	29.0000	125.0000
1227635	297.80	298.80	0.0490		0.5000	15.0000	84.0000
1227637	298.80	299.39	0.0510		0.5000	14.0000	177.0000
1227638	299.39	300.39	0.0330		0.5000	18.0000	65.0000
1227639	300.39	301.39	0.0200		0.5000	26.0000	121.0000
1227641	301.39	302.19	0.0120		0.5000	17.0000	33.0000
1227642	302.19	303.19	0.0080		0.5000	19.0000	32.0000
1227643	303.19	304.19	0.0120		0.5000	17.0000	29.0000
1227644	304.19	305.19	0.0090		0.5000	10.0000	52.0000
1227645	305.19	306.69	0.0150		0.5000	12.0000	45.0000
1007969	321.24	322.10	0.0060		0.5000	56.0000	62.0000
1007971	322.10	323.00	0.1800		3.0000	131.0000	219.0000
1007972	323.00	324.00	2.1520		8.0000	905.0000	949.0000
1007973	324.00	325.00	0.1630		2.0000	246.0000	607.0000
1007974	325.00	326.00	5.2770	5.5910	28.0000	4415.0000	9755.0000
1007975	326.00	327.00	1.2890		4.0000	239.0000	1165.0000
1007976	327.00	328.00	0.0400		1.0000	69.0000	166.0000
1007977	328.00	329.15	0.1710		0.5000	63.0000	168.0000
1007978	329.15	330.18	0.9230		2.0000	145.0000	152.0000
1007979	330.18	331.15	2.2600		3.0000	194.0000	217.0000

Hole Number: TL11156

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1007981	331.15	332.33	0.0930		0.5000	30.0000	52.0000
1007982	332.33	333.33	0.2660		1.0000	16.0000	51.0000
1007983	333.33	334.36	0.0360		0.5000	6.0000	27.0000
1007984	334.36	335.32	0.0350		0.5000	10.0000	20.0000
1007985	335.32	336.10	0.0190		0.5000	4.0000	12.0000
1007987	336.10	337.02	0.0170		0.5000	5.0000	12.0000
1007988	337.02	338.04	0.0330		0.5000	7.0000	16.0000
1007989	338.04	339.00	0.0180		0.5000	7.0000	15.0000
1007991	339.00	339.92	0.0680		0.5000	17.0000	29.0000
1007992	339.92	341.00	0.1720		0.5000	66.0000	36.0000
1007993	341.00	342.00	0.5280		3.0000	279.0000	567.0000
1007994	342.00	343.00	0.0580		0.5000	64.0000	756.0000
1007995	343.00	344.00	0.1760		2.0000	410.0000	615.0000
1007996	344.00	345.00	0.3090		4.0000	277.0000	627.0000
1007997	345.00	346.38	0.0830		0.5000	85.0000	104.0000
1007998	346.38	347.53	0.0580		1.0000	15.0000	98.0000
1007999	347.53	348.61	0.0290		6.0000	5.0000	60.0000
1227646	361.77	363.27	0.0110		0.5000	11.0000	270.0000
1227647	363.27	364.27	0.0040		0.5000	7.0000	63.0000
1227648	364.27	365.27	0.0320		0.5000	7.0000	21.0000
1227649	365.27	366.27	0.0740		0.5000	13.0000	70.0000
1227651	366.27	367.27	0.0050		0.5000	2.0000	21.0000
1227652	367.27	368.27	0.0050		0.5000	6.0000	17.0000
1227653	368.27	369.27	0.0040		0.5000	6.0000	15.0000
1227654	369.27	370.27	0.0890		0.5000	14.0000	37.0000
1227655	370.27	371.27	0.0210		0.5000	12.0000	54.0000
1227657	371.27	372.27	0.0060		0.5000	8.0000	32.0000
1227658	372.27	373.27	0.0050		0.5000	3.0000	22.0000
1227659	373.27	374.27	0.0080		0.5000	5.0000	21.0000
1227661	374.27	375.27	0.0250		0.5000	6.0000	21.0000
1227662	375.27	376.06	0.0030		0.5000	5.0000	35.0000
1227663	376.06	377.56	0.0060		0.5000	8.0000	48.0000
1227664	377.56	379.06	0.0080		0.5000	12.0000	65.0000
1227665	379.06	380.56	0.0120		0.5000	14.0000	59.0000
1227666	380.56	381.82	0.0030		0.5000	9.0000	42.0000
1227667	381.82	382.82	0.0090		0.5000	11.0000	56.0000
1227668	382.82	384.00	0.0770		0.5000	12.0000	59.0000
1227669	384.00	385.38	0.0240		1.0000	12.0000	111.0000
1227671	385.38	386.88	0.0070		0.5000	22.0000	66.0000

Hole Number: TL11156

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227672	400.30	401.80	0.0170		0.5000	23.0000	64.0000
1227673	401.80	403.22	0.0570		0.5000	19.0000	88.0000
1227674	403.22	404.18	0.0100		0.5000	4.0000	46.0000
1227675	404.18	405.18	0.0020		0.5000	7.0000	53.0000
1227677	405.18	406.68	0.0250		0.5000	17.0000	40.0000
1227678	406.68	407.68	0.0290		0.5000	30.0000	52.0000
1227679	407.68	408.68	0.0590		0.5000	15.0000	155.0000
1227681	408.68	409.68	0.0310		0.5000	29.0000	26.0000
1227682	409.68	410.68	0.1280		0.5000	24.0000	44.0000
1227683	410.68	411.68	0.2420		0.5000	29.0000	55.0000
1227684	411.68	412.68	0.1580		0.5000	35.0000	261.0000
1227685	412.68	413.68	0.6530		0.5000	42.0000	295.0000
1227686	413.68	414.68	0.0680		0.5000	30.0000	82.0000
1227687	414.68	415.68	0.2730		0.5000	34.0000	85.0000
1227688	415.68	416.68	0.0860		0.5000	20.0000	62.0000
1227689	416.68	417.68	0.1540		0.5000	51.0000	314.0000
1227691	417.68	418.68	0.3440		0.5000	103.0000	1199.0000
1227692	418.68	419.68	0.4930		0.5000	523.0000	659.0000
1227693	419.68	420.68	0.1740		0.5000	79.0000	142.0000
1227694	420.68	421.68	0.3000		0.5000	164.0000	280.0000
1227695	421.68	422.68	0.0790		0.5000	95.0000	97.0000
1227697	422.68	423.68	0.0520		0.5000	97.0000	330.0000
1227698	423.68	424.68	0.0260		0.5000	50.0000	43.0000
1227699	424.68	425.68	0.0320		0.5000	37.0000	249.0000
1227701	425.68	426.68	0.0380		0.5000	24.0000	93.0000
1227702	426.68	428.02	0.0310		0.5000	16.0000	56.0000
1227703	428.02	429.52	0.0100		0.5000	22.0000	72.0000
Sample Type	CDUP						
1227576	144.94	145.44	0.0330		1.0000	10.0000	495.0000
1227596	205.04	206.54	0.0100		0.5000	2.0000	54.0000
1227616	277.50	278.50	0.0070		0.5000	45.0000	48.0000
1227636	297.80	298.80	0.0670		0.5000	21.0000	102.0000
1007986	335.32	336.10	0.0140		0.5000	4.0000	16.0000
1227656	370.27	371.27	0.0270		0.5000	10.0000	55.0000
1227676	404.18	405.18	0.0040		0.5000	9.0000	53.0000
1227696	421.68	422.68	0.0850		0.5000	108.0000	93.0000





## DETAILED LOG

Hole Number: TL11157

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
12.60	258.57	BMS, Biotite Muscovite Schist BMS zone, wkly ser, brownish grey in color. Poorly mineralized. 198.2-200.45m: strongly ser MSS with 7% po. 258.5-265.25m: Mod ser BMS with 8% sulphide stringers (sph, py, gln, cpy, po, ank) increasing to 20% from 258.62-259.06m. 10% fracture-filled py stringers from 267.12-267.26m.	1227704	172.35	173.85	1.50	0.01		0.50	90.00	302.00
			1227705	173.85	174.65	0.80	0.04		0.50	64.00	951.00
			1227706	174.65	175.40	0.75	0.01		0.50	33.00	175.00
			1227707	175.40	176.40	1.00	0.08		0.50	47.00	85.00
			1227708	176.40	176.92	0.52	0.02		0.50	28.00	47.00
			1227709	176.92	177.92	1.00	0.02		0.50	20.00	91.00
			1227711	177.92	179.42	1.50	0.05		0.50	29.00	296.00
			1227712	196.84	198.34	1.50	0.01		0.50	12.00	94.00
			1227713	198.34	199.34	1.00	0.02		0.50	5.00	43.00
			1227714	199.34	200.34	1.00	0.01		0.50	8.00	59.00
			1227716	200.34	201.84	1.50	0.02		0.50	12.00	73.00
			1227715	200.34	201.84	1.50	0.01		0.50	14.00	73.00
			1227717	201.84	203.34	1.50	0.01		0.50	15.00	70.00
			1227718	203.34	204.84	1.50	0.04		0.50	14.00	106.00
			1227719	204.84	206.34	1.50	0.01		0.50	14.00	100.00
			1227721	206.34	206.98	0.64	0.02		0.50	11.00	79.00
			1227722	206.98	207.48	0.50	0.01		0.50	11.00	34.00
			1227723	207.48	208.48	1.00	0.02		0.50	14.00	71.00
			1227724	208.48	209.48	1.00	0.03		0.50	11.00	81.00
			1227725	209.48	210.68	1.20	0.01		0.50	10.00	47.00
		1227726	210.68	212.18	1.50	0.06		0.50	8.00	50.00	
		1227727	255.57	257.07	1.50	0.02		0.50	20.00	63.00	
		1227728	257.07	258.57	1.50	0.03		0.50	34.00	64.00	
258.57	265.01	MSS, Muscovite Sericite Schist	1227729	258.57	259.07	0.50	1.44		49.00	27605.00	36054.00
			1227731	259.07	259.80	0.73	0.07		0.50	949.00	1774.00
			1227732	259.80	260.50	0.70	0.04		0.50	368.00	846.00
			1227733	260.50	261.00	0.50	0.06		0.50	467.00	203.00
			1227734	261.00	261.50	0.50	0.08		0.50	1817.00	3282.00
			1227736	261.50	262.50	1.00	0.05		0.50	429.00	246.00
			1227735	261.50	262.50	1.00	0.04		0.50	577.00	304.00
			1227737	262.50	263.40	0.90	0.08		0.50	3159.00	12514.00
			1227738	263.40	264.00	0.60	0.04		0.50	58.00	120.00
			1227739	264.00	265.01	1.01	0.03		0.50	26.00	114.00
265.01	275.87		BMS, Biotite Muscovite Schist	1227741	265.01	266.51	1.50	0.07		0.50	20.00
		1227742		266.51	268.01	1.50	3.32		0.50	55.00	93.00
		1227743		268.01	269.51	1.50	0.06		0.50	50.00	108.00
		1227744		269.51	270.51	1.00	0.35		0.50	38.00	98.00
		1227745		270.51	271.33	0.82	0.02		0.50	32.00	87.00
		1227746		271.33	272.83	1.50	0.02		0.50	31.00	156.00
		1227747		272.83	273.33	0.50	1.00		6.00	736.00	4545.00
		1227748		273.33	274.87	1.54	0.04		0.50	27.00	125.00
		1227749		274.87	275.87	1.00	0.05		0.50	20.00	64.00

## DETAILED LOG

Hole Number: TL11157

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
275.87	289.13	MSS, Muscovite Sericite Schist Very strongly sericitized hangingwall MSS zone. Poorly mineralized.	1227751	275.87	276.87	1.00	0.28		0.50	67.00	1104.00
			1227752	276.87	277.75	0.88	0.10		0.50	27.00	91.00
			1227753	277.75	278.75	1.00	0.04		0.50	24.00	41.00
			1227754	278.75	279.25	0.50	0.02		0.50	36.00	174.00
			1227755	279.25	280.25	1.00	0.04		0.50	30.00	21.00
			1227756	279.25	280.25	1.00	0.01		0.50	29.00	22.00
			1227757	280.25	281.25	1.00	0.01		0.50	24.00	18.00
			1227758	281.25	282.25	1.00	0.01		0.50	18.00	18.00
			1227759	282.25	283.25	1.00	0.01		0.50	44.00	57.00
			1227761	283.25	284.25	1.00	0.01		0.50	43.00	38.00
			1227762	284.25	285.25	1.00	0.01		0.50	53.00	77.00
			1227763	285.25	286.25	1.00	0.01		0.50	36.00	55.00
			1227764	286.25	287.25	1.00	0.01		0.50	16.00	30.00
			1227765	287.25	288.13	0.88	0.00		0.50	13.00	24.00
			1227766	288.13	289.13	1.00	0.01		0.50	26.00	34.00
289.13	327.09	BMS, Biotite Muscovite Schist BMS zone, wkly to mod ser, with rare py stringers.	1227767	289.13	290.63	1.50	0.02		0.50	34.00	70.00
			1006344	325.59	327.09	1.50	0.02		0.50	54.00	166.00
327.09	351.75	MSS, Muscovite Sericite Schist Very strongly ser MSS main zone, with many sulphide stringers (sph, py, gln, cpy, po), more abundant from 331.4-334.60m (7% total sulphides)	1006345	327.09	328.30	1.21	0.32		0.50	166.00	175.00
			1006346	327.09	328.30	1.21	0.25		0.50	118.00	226.00
			1006347	328.30	329.80	1.50	0.11		1.00	99.00	247.00
			1006348	329.80	330.80	1.00	0.20		0.50	45.00	76.00
			1006349	330.80	331.80	1.00	0.12		0.50	98.00	433.00
			1006351	331.80	332.80	1.00	0.14		0.50	89.00	121.00
			1006352	332.80	333.80	1.00	0.28		7.00	1547.00	4020.00
			1006353	333.80	334.80	1.00	0.63		7.00	1000.00	2611.00
			1006354	334.80	335.80	1.00	0.04		0.50	69.00	118.00
			1006355	335.80	336.80	1.00	0.02		0.50	90.00	83.00
			1006356	336.80	337.80	1.00	0.13		0.50	59.00	55.00
			1006357	337.80	338.80	1.00	0.03		0.50	88.00	112.00
			1006358	338.80	339.80	1.00	0.05		0.50	101.00	37.00
			1006359	339.80	340.80	1.00	1.03		7.00	176.00	114.00
			1006361	340.80	341.80	1.00	0.09		0.50	49.00	106.00
			1006362	341.80	342.80	1.00	0.03		0.50	29.00	45.00
			1006363	342.80	343.80	1.00	0.03		0.50	19.00	31.00
			1006364	343.80	344.80	1.00	0.09		0.50	18.00	27.00
			1006366	344.80	345.80	1.00	0.02		0.50	24.00	32.00
			1006365	344.80	345.80	1.00	0.02		0.50	24.00	29.00
			1006367	345.80	346.80	1.00	0.03		0.50	40.00	41.00
			1006368	346.80	347.80	1.00	6.74	7.76	8.00	663.00	2378.00
			1006369	347.80	348.80	1.00	0.17		0.50	283.00	189.00
			1006371	348.80	349.80	1.00	0.06		4.00	183.00	255.00
			1006372	349.80	350.80	1.00	0.17		0.50	163.00	354.00
			1006373	350.80	351.75	0.95	0.05		0.50	79.00	193.00

DETAILED LOG

Hole Number: TL11157

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
351.75	365.08	BMS, Biotite Muscovite Schist Mod sericitized BMS, with strong diss py.	1006374	351.75	353.25	1.50	0.04		0.50	31.00	129.00
			1006375	353.25	354.50	1.25	0.03		4.00	21.00	267.00
			1006376	354.50	356.00	1.50	0.00		0.50	19.00	66.00
			1006377	356.00	357.50	1.50	0.01		0.50	18.00	41.00
			1006378	357.50	359.00	1.50	0.00		0.50	15.00	52.00
			1006379	359.00	360.50	1.50	0.01		0.50	13.00	60.00
			1006381	360.50	362.00	1.50	0.01		0.50	13.00	113.00
			1006382	362.00	363.50	1.50	0.01		0.50	10.00	115.00
			1006383	363.50	365.08	1.58	0.00		0.50	12.00	47.00
365.08	377.76	MSS, Muscovite Sericite Schist MSS zone, very st sericitized and mod silicified, with local sulphide strongers (py, sph, po)	1006384	365.08	366.00	0.92	0.00		0.50	15.00	30.00
			1006385	366.00	367.00	1.00	0.01		0.50	22.00	52.00
			1006386	366.00	367.00	1.00	0.00		0.50	23.00	56.00
			1006387	367.00	368.00	1.00	0.01		0.50	18.00	29.00
			1006388	368.00	369.00	1.00	0.01		0.50	41.00	45.00
			1006389	369.00	370.00	1.00	0.00		0.50	20.00	516.00
			1006391	370.00	371.00	1.00	0.01		0.50	22.00	76.00
			1006392	371.00	372.00	1.00	0.00		0.50	18.00	154.00
			1006393	372.00	373.00	1.00	0.01		0.50	23.00	54.00
			1006394	373.00	374.00	1.00	0.00		0.50	29.00	44.00
			1006395	374.00	375.00	1.00	0.00		0.50	22.00	35.00
1006396	375.00	375.90	0.90	0.01		0.50	23.00	82.00			
1006397	375.90	376.81	0.91	0.00		0.50	31.00	38.00			
1006398	376.81	377.76	0.95	0.00		0.50	25.00	80.00			

# DETAILED LOG

Hole Number: TL11157

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
377.76	415.45	BMS, Biotite Muscovite Schist BMS zone, wk-mod sericitized and poorly mineralized.	1006399	377.76	379.26	1.50	0.01		0.50	26.00	64.00
			1006401	379.26	380.76	1.50	0.01		0.50	38.00	39.00
			1006402	380.76	382.26	1.50	0.00		0.50	22.00	47.00
			1006403	382.26	383.76	1.50	0.01		0.50	22.00	49.00
			1006404	383.76	385.26	1.50	0.04		0.50	28.00	69.00
			1006406	385.26	386.76	1.50	0.01		0.50	23.00	830.00
			1006405	385.26	386.76	1.50	0.01		0.50	45.00	60.00
			1006407	386.76	388.26	1.50	0.00		0.50	22.00	141.00
			1006408	388.26	389.70	1.44	0.01		0.50	18.00	81.00
			1006409	389.70	391.10	1.40	0.02		0.50	25.00	71.00
			1006411	391.10	392.69	1.59	0.01		0.50	23.00	63.00
			1006412	392.69	393.95	1.26	0.02		0.50	40.00	86.00
			1006413	393.95	395.34	1.39	0.16		0.50	119.00	630.00
			1006414	395.34	396.84	1.50	0.02		0.50	33.00	192.00
			1006415	396.84	398.34	1.50	0.01		0.50	19.00	74.00
			1006416	398.34	399.84	1.50	0.03		0.50	17.00	93.00
			1006417	399.84	401.34	1.50	0.03		0.50	20.00	79.00
			1006418	401.34	402.84	1.50	0.02		0.50	26.00	120.00
			1006419	402.84	404.34	1.50	0.05		0.50	27.00	98.00
			1006421	404.34	405.95	1.61	0.03		0.50	31.00	55.00
			1006422	405.95	407.03	1.08	0.02		0.50	31.00	65.00
			1006423	407.03	407.95	0.92	0.01		0.50	33.00	74.00
			1006424	407.95	409.21	1.26	0.10		0.50	24.00	93.00
			1006426	409.21	410.23	1.02	0.05		0.50	26.00	41.00
			1006425	409.21	410.23	1.02	0.03		0.50	28.00	38.00
			1006427	410.23	411.73	1.50	0.01		0.50	19.00	31.00
			1006428	411.73	413.23	1.50	0.01		0.50	18.00	44.00
			1006429	413.23	414.34	1.11	0.01		0.50	19.00	46.00
			1006431	414.34	415.45	1.11	0.02		0.50	26.00	84.00

DETAILED LOG

Hole Number: TL11157

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
415.45	437.74	MSS, Muscovite Sericite Schist	1006432	415.45	416.50	1.05	0.04		0.50	26.00	67.00
		MSS C-zone, very strongly sericitized and mod silicified with local alteration gaps (419.5-421.57m and 427.48-429.8m). Local sulphide stringers (py, sph, po, aspy, gln), stronger from 424.7-425.41m and 435-436m.	1006433	416.50	417.50	1.00	0.02		0.50	37.00	71.00
			1006434	417.50	418.50	1.00	0.04		0.50	28.00	56.00
			1006435	418.50	419.50	1.00	0.06		0.50	42.00	397.00
			1006436	419.50	420.50	1.00	0.05		0.50	43.00	108.00
			1006437	420.50	421.57	1.07	0.02		0.50	49.00	103.00
			1006438	421.57	422.50	0.93	0.21		0.50	43.00	155.00
			1006439	422.50	423.50	1.00	0.33		0.50	45.00	146.00
			1006441	423.50	424.50	1.00	0.04		0.50	66.00	67.00
			1006442	424.50	425.41	0.91	0.51		0.50	431.00	3496.00
			1006443	425.41	426.50	1.09	0.02		0.50	71.00	127.00
			1006444	426.50	427.48	0.98	0.07		0.50	56.00	82.00
			1006445	427.48	428.64	1.16	0.11		0.50	75.00	125.00
			1006446	427.48	428.64	1.16	0.10		0.50	80.00	149.00
			1006447	428.64	429.80	1.16	0.04		0.50	60.00	99.00
			1006448	429.80	430.90	1.10	0.16		0.50	122.00	649.00
			1006449	430.90	432.00	1.10	0.26		0.50	108.00	817.00
			1006451	432.00	433.00	1.00	0.43		0.50	291.00	612.00
			1006452	433.00	434.00	1.00	0.20		0.50	57.00	1410.00
			1006453	434.00	435.00	1.00	0.21		0.50	59.00	262.00
			1006454	435.00	436.00	1.00	0.18		0.50	30.00	73.00
			1006455	436.00	437.70	1.70	1.04		2.00	537.00	2640.00
			1006456	437.70	439.20	1.50	0.08		0.50	46.00	344.00
437.74	444.00	BMS, Biotite Muscovite Schist	1006457	439.20	440.70	1.50	0.06		0.50	35.00	395.00
		Footwall BMS zone, weakly sericitized. Poorly mineralized.									

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227704	172.35	173.85	0.0070		0.5000	90.0000	302.0000
1227705	173.85	174.65	0.0440		0.5000	64.0000	951.0000
1227706	174.65	175.40	0.0070		0.5000	33.0000	175.0000
1227707	175.40	176.40	0.0790		0.5000	47.0000	85.0000
1227708	176.40	176.92	0.0150		0.5000	28.0000	47.0000
1227709	176.92	177.92	0.0220		0.5000	20.0000	91.0000
1227711	177.92	179.42	0.0450		0.5000	29.0000	296.0000
1227712	196.84	198.34	0.0060		0.5000	12.0000	94.0000
1227713	198.34	199.34	0.0210		0.5000	5.0000	43.0000
1227714	199.34	200.34	0.0070		0.5000	8.0000	59.0000
1227715	200.34	201.84	0.0130		0.5000	14.0000	73.0000
1227717	201.84	203.34	0.0130		0.5000	15.0000	70.0000

Hole Number: TL11157

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227718	203.34	204.84	0.0400		0.5000	14.0000	106.0000
1227719	204.84	206.34	0.0090		0.5000	14.0000	100.0000
1227721	206.34	206.98	0.0190		0.5000	11.0000	79.0000
1227722	206.98	207.48	0.0080		0.5000	11.0000	34.0000
1227723	207.48	208.48	0.0170		0.5000	14.0000	71.0000
1227724	208.48	209.48	0.0280		0.5000	11.0000	81.0000
1227725	209.48	210.68	0.0100		0.5000	10.0000	47.0000
1227726	210.68	212.18	0.0640		0.5000	8.0000	50.0000
1227727	255.57	257.07	0.0170		0.5000	20.0000	63.0000
1227728	257.07	258.57	0.0320		0.5000	34.0000	64.0000
1227729	258.57	259.07	1.4360		49.0000	27605.0000	36054.0000
1227731	259.07	259.80	0.0730		0.5000	949.0000	1774.0000
1227732	259.80	260.50	0.0420		0.5000	368.0000	846.0000
1227733	260.50	261.00	0.0640		0.5000	467.0000	203.0000
1227734	261.00	261.50	0.0810		0.5000	1817.0000	3282.0000
1227735	261.50	262.50	0.0420		0.5000	577.0000	304.0000
1227737	262.50	263.40	0.0760		0.5000	3159.0000	12514.0000
1227738	263.40	264.00	0.0370		0.5000	58.0000	120.0000
1227739	264.00	265.01	0.0300		0.5000	26.0000	114.0000
1227741	265.01	266.51	0.0670		0.5000	20.0000	200.0000
1227742	266.51	268.01	3.3160		0.5000	55.0000	93.0000
1227743	268.01	269.51	0.0610		0.5000	50.0000	108.0000
1227744	269.51	270.51	0.3470		0.5000	38.0000	98.0000
1227745	270.51	271.33	0.0150		0.5000	32.0000	87.0000
1227746	271.33	272.83	0.0230		0.5000	31.0000	156.0000
1227747	272.83	273.33	1.0040		6.0000	736.0000	4545.0000
1227748	273.33	274.87	0.0370		0.5000	27.0000	125.0000
1227749	274.87	275.87	0.0520		0.5000	20.0000	64.0000
1227751	275.87	276.87	0.2810		0.5000	67.0000	1104.0000
1227752	276.87	277.75	0.0950		0.5000	27.0000	91.0000
1227753	277.75	278.75	0.0370		0.5000	24.0000	41.0000
1227754	278.75	279.25	0.0200		0.5000	36.0000	174.0000
1227755	279.25	280.25	0.0350		0.5000	30.0000	21.0000
1227757	280.25	281.25	0.0110		0.5000	24.0000	18.0000
1227758	281.25	282.25	0.0100		0.5000	18.0000	18.0000
1227759	282.25	283.25	0.0080		0.5000	44.0000	57.0000
1227761	283.25	284.25	0.0070		0.5000	43.0000	38.0000
1227762	284.25	285.25	0.0050		0.5000	53.0000	77.0000
1227763	285.25	286.25	0.0070		0.5000	36.0000	55.0000

Hole Number: TL11157

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227764	286.25	287.25	0.0070		0.5000	16.0000	30.0000
1227765	287.25	288.13	0.0040		0.5000	13.0000	24.0000
1227766	288.13	289.13	0.0080		0.5000	26.0000	34.0000
1227767	289.13	290.63	0.0150		0.5000	34.0000	70.0000
1006344	325.59	327.09	0.0190		0.5000	54.0000	166.0000
1006345	327.09	328.30	0.3170		0.5000	166.0000	175.0000
1006347	328.30	329.80	0.1130		1.0000	99.0000	247.0000
1006348	329.80	330.80	0.1990		0.5000	45.0000	76.0000
1006349	330.80	331.80	0.1160		0.5000	98.0000	433.0000
1006351	331.80	332.80	0.1370		0.5000	89.0000	121.0000
1006352	332.80	333.80	0.2830		7.0000	1547.0000	4020.0000
1006353	333.80	334.80	0.6270		7.0000	1000.0000	2611.0000
1006354	334.80	335.80	0.0430		0.5000	69.0000	118.0000
1006355	335.80	336.80	0.0150		0.5000	90.0000	83.0000
1006356	336.80	337.80	0.1290		0.5000	59.0000	55.0000
1006357	337.80	338.80	0.0300		0.5000	88.0000	112.0000
1006358	338.80	339.80	0.0480		0.5000	101.0000	37.0000
1006359	339.80	340.80	1.0250		7.0000	176.0000	114.0000
1006361	340.80	341.80	0.0920		0.5000	49.0000	106.0000
1006362	341.80	342.80	0.0340		0.5000	29.0000	45.0000
1006363	342.80	343.80	0.0250		0.5000	19.0000	31.0000
1006364	343.80	344.80	0.0860		0.5000	18.0000	27.0000
1006365	344.80	345.80	0.0190		0.5000	24.0000	29.0000
1006367	345.80	346.80	0.0250		0.5000	40.0000	41.0000
1006368	346.80	347.80	6.7390	7.7620	8.0000	663.0000	2378.0000
1006369	347.80	348.80	0.1650		0.5000	283.0000	189.0000
1006371	348.80	349.80	0.0560		4.0000	183.0000	255.0000
1006372	349.80	350.80	0.1670		0.5000	163.0000	354.0000
1006373	350.80	351.75	0.0520		0.5000	79.0000	193.0000
1006374	351.75	353.25	0.0360		0.5000	31.0000	129.0000
1006375	353.25	354.50	0.0260		4.0000	21.0000	267.0000
1006376	354.50	356.00	0.0040		0.5000	19.0000	66.0000
1006377	356.00	357.50	0.0050		0.5000	18.0000	41.0000
1006378	357.50	359.00	0.0040		0.5000	15.0000	52.0000
1006379	359.00	360.50	0.0110		0.5000	13.0000	60.0000
1006381	360.50	362.00	0.0060		0.5000	13.0000	113.0000
1006382	362.00	363.50	0.0110		0.5000	10.0000	115.0000
1006383	363.50	365.08	0.0030		0.5000	12.0000	47.0000
1006384	365.08	366.00	0.0020		0.5000	15.0000	30.0000

Hole Number: TL11157

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006385	366.00	367.00	0.0050		0.5000	22.0000	52.0000
1006387	367.00	368.00	0.0050		0.5000	18.0000	29.0000
1006388	368.00	369.00	0.0050		0.5000	41.0000	45.0000
1006389	369.00	370.00	0.0030		0.5000	20.0000	516.0000
1006391	370.00	371.00	0.0070		0.5000	22.0000	76.0000
1006392	371.00	372.00	0.0020		0.5000	18.0000	154.0000
1006393	372.00	373.00	0.0060		0.5000	23.0000	54.0000
1006394	373.00	374.00	0.0040		0.5000	29.0000	44.0000
1006395	374.00	375.00	0.0040		0.5000	22.0000	35.0000
1006396	375.00	375.90	0.0060		0.5000	23.0000	82.0000
1006397	375.90	376.81	0.0030		0.5000	31.0000	38.0000
1006398	376.81	377.76	0.0040		0.5000	25.0000	80.0000
1006399	377.76	379.26	0.0070		0.5000	26.0000	64.0000
1006401	379.26	380.76	0.0100		0.5000	38.0000	39.0000
1006402	380.76	382.26	0.0040		0.5000	22.0000	47.0000
1006403	382.26	383.76	0.0140		0.5000	22.0000	49.0000
1006404	383.76	385.26	0.0370		0.5000	28.0000	69.0000
1006405	385.26	386.76	0.0070		0.5000	45.0000	60.0000
1006407	386.76	388.26	0.0040		0.5000	22.0000	141.0000
1006408	388.26	389.70	0.0070		0.5000	18.0000	81.0000
1006409	389.70	391.10	0.0190		0.5000	25.0000	71.0000
1006411	391.10	392.69	0.0130		0.5000	23.0000	63.0000
1006412	392.69	393.95	0.0200		0.5000	40.0000	86.0000
1006413	393.95	395.34	0.1570		0.5000	119.0000	630.0000
1006414	395.34	396.84	0.0230		0.5000	33.0000	192.0000
1006415	396.84	398.34	0.0070		0.5000	19.0000	74.0000
1006416	398.34	399.84	0.0340		0.5000	17.0000	93.0000
1006417	399.84	401.34	0.0310		0.5000	20.0000	79.0000
1006418	401.34	402.84	0.0160		0.5000	26.0000	120.0000
1006419	402.84	404.34	0.0510		0.5000	27.0000	98.0000
1006421	404.34	405.95	0.0290		0.5000	31.0000	55.0000
1006422	405.95	407.03	0.0220		0.5000	31.0000	65.0000
1006423	407.03	407.95	0.0090		0.5000	33.0000	74.0000
1006424	407.95	409.21	0.1030		0.5000	24.0000	93.0000
1006425	409.21	410.23	0.0250		0.5000	28.0000	38.0000
1006427	410.23	411.73	0.0120		0.5000	19.0000	31.0000
1006428	411.73	413.23	0.0110		0.5000	18.0000	44.0000
1006429	413.23	414.34	0.0090		0.5000	19.0000	46.0000
1006431	414.34	415.45	0.0190		0.5000	26.0000	84.0000



Hole Number: TL11157

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006432	415.45	416.50	0.0410		0.5000	26.0000	67.0000
1006433	416.50	417.50	0.0200		0.5000	37.0000	71.0000
1006434	417.50	418.50	0.0390		0.5000	28.0000	56.0000
1006435	418.50	419.50	0.0550		0.5000	42.0000	397.0000
1006436	419.50	420.50	0.0460		0.5000	43.0000	108.0000
1006437	420.50	421.57	0.0210		0.5000	49.0000	103.0000
1006438	421.57	422.50	0.2070		0.5000	43.0000	155.0000
1006439	422.50	423.50	0.3250		0.5000	45.0000	146.0000
1006441	423.50	424.50	0.0390		0.5000	66.0000	67.0000
1006442	424.50	425.41	0.5080		0.5000	431.0000	3496.0000
1006443	425.41	426.50	0.0200		0.5000	71.0000	127.0000
1006444	426.50	427.48	0.0650		0.5000	56.0000	82.0000
1006445	427.48	428.64	0.1060		0.5000	75.0000	125.0000
1006447	428.64	429.80	0.0370		0.5000	60.0000	99.0000
1006448	429.80	430.90	0.1600		0.5000	122.0000	649.0000
1006449	430.90	432.00	0.2630		0.5000	108.0000	817.0000
1006451	432.00	433.00	0.4270		0.5000	291.0000	612.0000
1006452	433.00	434.00	0.2000		0.5000	57.0000	1410.0000
1006453	434.00	435.00	0.2060		0.5000	59.0000	262.0000
1006454	435.00	436.00	0.1800		0.5000	30.0000	73.0000
1006455	436.00	437.70	1.0420		2.0000	537.0000	2640.0000
1006456	437.70	439.20	0.0760		0.5000	46.0000	344.0000
1006457	439.20	440.70	0.0600		0.5000	35.0000	395.0000
Sample Type	CDUP						
1227716	200.34	201.84	0.0200		0.5000	12.0000	73.0000
1227736	261.50	262.50	0.0490		0.5000	429.0000	246.0000
1227756	279.25	280.25	0.0110		0.5000	29.0000	22.0000
1006346	327.09	328.30	0.2470		0.5000	118.0000	226.0000
1006366	344.80	345.80	0.0170		0.5000	24.0000	32.0000
1006386	366.00	367.00	0.0040		0.5000	23.0000	56.0000
1006406	385.26	386.76	0.0060		0.5000	23.0000	830.0000
1006426	409.21	410.23	0.0450		0.5000	26.0000	41.0000
1006446	427.48	428.64	0.0980		0.5000	80.0000	149.0000

# DETAILED LOG

Hole Number: TL11158

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -63.00
Project Number: TMI-TL	North: 5511750.00	North:	Collar Az: 305.00
Location: Zealand Township	East: 528340.00	East:	Length: 540.00
	Elev: 393.00	Elev:	Start Depth: 0.00
Date Started: Apr 26, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Oct 13, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 540.00

Comments: Main zone logged (430.64-467.41m), rest of hole is quicklogged only. Pictured boxes 93-108 (photo 93-96 out of order).  
 Re-logged 11 Oct. 2011 by fknight.  
 C zone: 485.52 - 500.87m  
 RQD intervals 18-21m & 537-540m not imported into DHLogger due to block error. Values exceed allowed data intervals.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	305.00	-63.00	EZ Sho	OK		51.00	306.50	-62.00	EZ Sho	OK	
102.00	311.50	-58.30	EZ Sho	OK		150.00	314.00	-56.10	EZ Sho	OK	
201.00	315.40	-54.80	EZ Sho	OK		252.00	316.90	-54.40	EZ Sho	OK	
300.00	317.80	-53.80	EZ Sho	OK		351.00	322.10	-50.70	EZ Sho	OK	
402.00	325.20	-47.60	EZ Sho	OK		450.00	329.30	-42.70	EZ Sho	OK	
501.00	331.00	-40.00	EZ Sho	OK		540.00	334.10	-37.40	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	18.00	OB, Overburden									
18.00	117.00	BS, Biotite Schist									
117.00	189.98	BMS, Biotite Muscovite Schist	1227768	178.60	180.10	1.50	0.02		0.50	7.00	121.00
			1227769	180.10	181.60	1.50	0.01		0.50	8.00	35.00
			1227771	181.60	183.10	1.50	0.01		0.50	8.00	125.00
189.98	367.74	BMS, Biotite Muscovite Schist	1227772	364.54	366.04	1.50	0.42		0.50	25.00	76.00
			1227773	366.04	367.74	1.70	0.03		0.50	31.00	78.00
367.74	371.64	MSS, Muscovite Sericite Schist	1227774	367.74	368.74	1.00	0.03		0.50	38.00	112.00
			1227776	368.74	369.74	1.00	0.01		0.50	25.00	59.00
			1227775	368.74	369.74	1.00	0.01		0.50	27.00	88.00
			1227777	369.74	370.74	1.00	0.01		0.50	30.00	46.00
			1227778	370.74	371.64	0.90	0.01		0.50	28.00	21.00

## DETAILED LOG

Hole Number: TL11158

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
371.64	378.00	BMS, Biotite Muscovite Schist	1227779	371.64	373.14	1.50	0.01		0.50	33.00	69.00
			1227781	373.14	374.64	1.50	0.08		0.50	33.00	109.00
			1227782	374.64	375.64	1.00	0.01		0.50	29.00	86.00
			1227783	375.64	377.00	1.36	0.03		0.50	39.00	125.00
			1227784	377.00	378.00	1.00	0.01		0.50	93.00	169.00
378.00	384.48	MSS, Muscovite Sericite Schist	1227785	378.00	379.00	1.00	0.01		0.50	19.00	63.00
			1227786	379.00	380.00	1.00	0.01		0.50	9.00	15.00
			1227787	380.00	381.00	1.00	0.00		0.50	9.00	20.00
			1227788	381.00	382.00	1.00	0.01		0.50	7.00	17.00
			1227789	382.00	383.00	1.00	0.01		0.50	6.00	13.00
			1227791	383.00	383.92	0.92	0.01		0.50	10.00	36.00
384.48	392.07	BMS, Biotite Muscovite Schist	1227792	383.92	384.48	0.56	0.01		0.50	9.00	31.00
			1227793	384.48	386.07	1.59	0.20		0.50	12.00	62.00
			1227794	386.07	387.57	1.50	0.02		0.50	12.00	51.00
			1227796	387.57	389.07	1.50	0.01		0.50	14.00	51.00
			1227795	387.57	389.07	1.50	0.01		0.50	14.00	47.00
			1227797	389.07	390.57	1.50	0.03		0.50	515.00	297.00
392.07	394.65	MSS, Muscovite Sericite Schist	1227798	390.57	392.07	1.50	0.02		0.50	66.00	138.00
			1227799	392.07	392.65	0.58	0.09		0.50	65.00	508.00
			1227801	392.65	393.65	1.00	0.03		0.50	34.00	66.00
394.65	430.64	BMS, Biotite Muscovite Schist	1227802	393.65	394.65	1.00	0.02		0.50	23.00	20.00
			1227803	394.65	396.15	1.50	0.02		0.50	23.00	31.00
			1004001	416.69	418.19	1.50	0.59		5.00	96.00	238.00
			1004002	418.19	419.69	1.50	0.28		5.00	115.00	159.00
			1004003	419.69	421.19	1.50	0.25		2.00	68.00	144.00
			1004004	421.19	422.69	1.50	0.69		2.00	56.00	127.00
			1004005	422.69	424.19	1.50	1.90		3.00	252.00	310.00
			1004006	422.69	424.19	1.50	1.18		3.00	220.00	311.00
			1004007	424.19	425.19	1.00	0.50		4.00	210.00	1027.00
			1004008	425.19	426.19	1.00	0.32		2.00	112.00	152.00
			1004009	426.19	427.67	1.48	0.57		3.00	110.00	154.00
			1004011	427.67	429.14	1.47	2.19		2.00	45.00	459.00
1004012	429.14	430.64	1.50	0.14		2.00	23.00	81.00			

## DETAILED LOG

Hole Number: TL11158

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
430.64	467.41	MSS, Muscovite Sericite Schist Very strongly sericitized with alteration gap from 450-462.41m, with rare localized sulphide stringers (py, sph, ank, po).	1004013	430.64	431.76	1.12	0.22		2.00	34.00	56.00
			1004014	431.76	432.88	1.12	0.11		2.00	32.00	28.00
			1004015	432.88	434.00	1.12	0.20		3.00	36.00	46.00
			1004016	434.00	435.00	1.00	1.40		10.00	265.00	219.00
			1004017	435.00	436.00	1.00	6.20	7.60	23.00	611.00	1769.00
			1004018	436.00	437.00	1.00	0.03		2.00	28.00	181.00
			1004019	437.00	438.00	1.00	0.01		0.50	14.00	34.00
			1004021	438.00	439.00	1.00	0.01		1.00	7.00	42.00
			1004022	439.00	440.00	1.00	0.01		0.50	5.00	28.00
			1004023	440.00	441.00	1.00	0.01		0.50	6.00	26.00
			1004024	441.00	442.00	1.00	0.02		0.50	20.00	42.00
			1004026	442.00	443.00	1.00	0.25		24.00	87.00	155.00
			1004025	442.00	443.00	1.00	0.44		38.00	124.00	150.00
			1004027	443.00	444.00	1.00	0.09		4.00	46.00	57.00
			1004028	444.00	445.00	1.00	0.04		1.00	24.00	16.00
			1004029	445.00	446.00	1.00	0.36		7.00	74.00	269.00
			1004031	446.00	447.00	1.00	0.05		3.00	321.00	2481.00
			1004032	447.00	448.00	1.00	0.10		14.00	124.00	130.00
			1004033	448.00	449.00	1.00	0.44		14.00	58.00	79.00
			1004034	449.00	450.00	1.00	0.06		8.00	82.00	135.00
			1004035	450.00	451.00	1.00	0.03		1.00	65.00	104.00
			1004036	451.00	452.00	1.00	0.01		0.50	16.00	40.00
			1004037	452.00	453.00	1.00	0.01		0.50	21.00	35.00
			1004038	453.00	454.00	1.00	0.01		0.50	14.00	43.00
			1004039	454.00	455.00	1.00	0.01		0.50	11.00	14.00
			1004041	455.00	456.00	1.00	0.01		0.50	9.00	15.00
			1004042	456.00	457.00	1.00	0.01		0.50	10.00	25.00
			1004043	457.00	458.00	1.00	0.01		0.50	17.00	36.00
			1004044	458.00	459.00	1.00	0.01		0.50	15.00	60.00
			1004045	459.00	460.41	1.41	0.02		1.00	20.00	93.00
			1004046	459.00	460.41	1.41	0.02		0.50	18.00	95.00
			1004047	460.41	461.41	1.00	0.03		0.50	22.00	83.00
			1004048	461.41	462.41	1.00	0.02		0.50	20.00	70.00
			1004049	462.41	463.41	1.00	0.01		0.50	12.00	52.00
			1004051	463.41	464.41	1.00	0.01		0.50	14.00	65.00
			1004052	464.41	465.41	1.00	0.02		0.50	14.00	53.00
			1004053	465.41	466.41	1.00	0.16		1.00	38.00	128.00
			1004054	466.41	467.41	1.00	0.71		12.00	346.00	370.00

DETAILED LOG

Hole Number: TL11158

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
467.41	485.52	BMS, Biotite Muscovite Schist BMS zone, very weakly sericitized. Poorly mineralized. With moderate shallow fracturing (20-30 deg TCA)	1004055	467.41	468.91	1.50	0.03		2.00	24.00	77.00
			1004056	468.91	470.41	1.50	0.01		0.50	11.00	54.00
			1227804	479.52	481.02	1.50	0.03		0.50	27.00	72.00
			1227805	481.02	482.52	1.50	0.07		0.50	24.00	78.00
			1227806	482.52	484.02	1.50	0.09		0.50	14.00	53.00
			1227807	484.02	485.52	1.50	0.02		0.50	31.00	68.00
485.52	499.87	MSS, Muscovite Sericite Schist MSS zone, strongly sericitized with some sulphide stringers (py, sph, gln).	1227808	485.52	486.52	1.00	0.04		0.50	34.00	70.00
			1227809	486.52	487.52	1.00	0.75		0.50	495.00	2132.00
			1227811	487.52	488.52	1.00	0.04		0.50	54.00	277.00
			1227812	488.52	489.30	0.78	0.15		0.50	27.00	83.00
			1227813	489.30	490.30	1.00	0.02		0.50	34.00	77.00
			1227814	490.30	491.30	1.00	0.06		0.50	60.00	121.00
			1227815	491.30	492.00	0.70	0.02		0.50	28.00	62.00
			1227816	491.30	492.00	0.70	0.02		0.50	33.00	47.00
			1227817	492.00	493.00	1.00	0.05		0.50	26.00	45.00
			1227818	493.00	494.00	1.00	0.01		0.50	12.00	26.00
			1227819	494.00	494.90	0.90	0.04		0.50	11.00	33.00
			1227821	494.90	495.90	1.00	0.01		0.50	17.00	55.00
			1227822	495.90	496.90	1.00	0.03		0.50	18.00	78.00
			1227823	496.90	497.90	1.00	0.14		0.50	109.00	1839.00
			1227824	497.90	498.87	0.97	0.04		0.50	29.00	118.00
1227825	498.87	499.87	1.00	0.07		0.50	213.00	187.00			
499.87	540.00	BMS, Biotite Muscovite Schist BMS zone, weakly ser. Poorly mineralized. EOH @ 540m.	1227826	499.87	501.37	1.50	0.02		0.50	43.00	102.00
			1227827	501.37	502.87	1.50	0.01		0.50	33.00	79.00
			1227828	502.87	504.09	1.22	0.00		0.50	29.00	115.00
			1227829	504.09	504.87	0.78	0.03		0.50	71.00	119.00
			1227831	504.87	506.37	1.50	0.02		0.50	97.00	131.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227768	178.60	180.10	0.0220		0.5000	7.0000	121.0000
1227769	180.10	181.60	0.0050		0.5000	8.0000	35.0000
1227771	181.60	183.10	0.0110		0.5000	8.0000	125.0000
1227772	364.54	366.04	0.4190		0.5000	25.0000	76.0000
1227773	366.04	367.74	0.0270		0.5000	31.0000	78.0000
1227774	367.74	368.74	0.0270		0.5000	38.0000	112.0000
1227775	368.74	369.74	0.0110		0.5000	27.0000	88.0000
1227777	369.74	370.74	0.0080		0.5000	30.0000	46.0000
1227778	370.74	371.64	0.0130		0.5000	28.0000	21.0000
1227779	371.64	373.14	0.0140		0.5000	33.0000	69.0000

Hole Number: TL11158

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227781	373.14	374.64	0.0780		0.5000	33.0000	109.0000
1227782	374.64	375.64	0.0130		0.5000	29.0000	86.0000
1227783	375.64	377.00	0.0290		0.5000	39.0000	125.0000
1227784	377.00	378.00	0.0130		0.5000	93.0000	169.0000
1227785	378.00	379.00	0.0050		0.5000	19.0000	63.0000
1227786	379.00	380.00	0.0090		0.5000	9.0000	15.0000
1227787	380.00	381.00	0.0040		0.5000	9.0000	20.0000
1227788	381.00	382.00	0.0050		0.5000	7.0000	17.0000
1227789	382.00	383.00	0.0080		0.5000	6.0000	13.0000
1227791	383.00	383.92	0.0100		0.5000	10.0000	36.0000
1227792	383.92	384.48	0.0110		0.5000	9.0000	31.0000
1227793	384.48	386.07	0.2010		0.5000	12.0000	62.0000
1227794	386.07	387.57	0.0160		0.5000	12.0000	51.0000
1227795	387.57	389.07	0.0090		0.5000	14.0000	47.0000
1227797	389.07	390.57	0.0250		0.5000	515.0000	297.0000
1227798	390.57	392.07	0.0210		0.5000	66.0000	138.0000
1227799	392.07	392.65	0.0850		0.5000	65.0000	508.0000
1227801	392.65	393.65	0.0290		0.5000	34.0000	66.0000
1227802	393.65	394.65	0.0170		0.5000	23.0000	20.0000
1227803	394.65	396.15	0.0190		0.5000	23.0000	31.0000
1004001	416.69	418.19	0.5880		5.0000	96.0000	238.0000
1004002	418.19	419.69	0.2820		5.0000	115.0000	159.0000
1004003	419.69	421.19	0.2540		2.0000	68.0000	144.0000
1004004	421.19	422.69	0.6900		2.0000	56.0000	127.0000
1004005	422.69	424.19	1.9040		3.0000	252.0000	310.0000
1004007	424.19	425.19	0.5030		4.0000	210.0000	1027.0000
1004008	425.19	426.19	0.3170		2.0000	112.0000	152.0000
1004009	426.19	427.67	0.5710		3.0000	110.0000	154.0000
1004011	427.67	429.14	2.1940		2.0000	45.0000	459.0000
1004012	429.14	430.64	0.1390		2.0000	23.0000	81.0000
1004013	430.64	431.76	0.2180		2.0000	34.0000	56.0000
1004014	431.76	432.88	0.1120		2.0000	32.0000	28.0000
1004015	432.88	434.00	0.1970		3.0000	36.0000	46.0000
1004016	434.00	435.00	1.3990		10.0000	265.0000	219.0000
1004017	435.00	436.00	6.1980	7.6000	23.0000	611.0000	1769.0000
1004018	436.00	437.00	0.0330		2.0000	28.0000	181.0000
1004019	437.00	438.00	0.0110		0.5000	14.0000	34.0000
1004021	438.00	439.00	0.0140		1.0000	7.0000	42.0000
1004022	439.00	440.00	0.0110		0.5000	5.0000	28.0000

Hole Number: TL11158

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004023	440.00	441.00	0.0080		0.5000	6.0000	26.0000
1004024	441.00	442.00	0.0210		0.5000	20.0000	42.0000
1004025	442.00	443.00	0.4390		38.0000	124.0000	150.0000
1004027	443.00	444.00	0.0940		4.0000	46.0000	57.0000
1004028	444.00	445.00	0.0400		1.0000	24.0000	16.0000
1004029	445.00	446.00	0.3560		7.0000	74.0000	269.0000
1004031	446.00	447.00	0.0540		3.0000	321.0000	2481.0000
1004032	447.00	448.00	0.0980		14.0000	124.0000	130.0000
1004033	448.00	449.00	0.4440		14.0000	58.0000	79.0000
1004034	449.00	450.00	0.0610		8.0000	82.0000	135.0000
1004035	450.00	451.00	0.0250		1.0000	65.0000	104.0000
1004036	451.00	452.00	0.0090		0.5000	16.0000	40.0000
1004037	452.00	453.00	0.0100		0.5000	21.0000	35.0000
1004038	453.00	454.00	0.0070		0.5000	14.0000	43.0000
1004039	454.00	455.00	0.0050		0.5000	11.0000	14.0000
1004041	455.00	456.00	0.0070		0.5000	9.0000	15.0000
1004042	456.00	457.00	0.0110		0.5000	10.0000	25.0000
1004043	457.00	458.00	0.0110		0.5000	17.0000	36.0000
1004044	458.00	459.00	0.0140		0.5000	15.0000	60.0000
1004045	459.00	460.41	0.0240		1.0000	20.0000	93.0000
1004047	460.41	461.41	0.0250		0.5000	22.0000	83.0000
1004048	461.41	462.41	0.0240		0.5000	20.0000	70.0000
1004049	462.41	463.41	0.0080		0.5000	12.0000	52.0000
1004051	463.41	464.41	0.0050		0.5000	14.0000	65.0000
1004052	464.41	465.41	0.0190		0.5000	14.0000	53.0000
1004053	465.41	466.41	0.1560		1.0000	38.0000	128.0000
1004054	466.41	467.41	0.7080		12.0000	346.0000	370.0000
1004055	467.41	468.91	0.0280		2.0000	24.0000	77.0000
1004056	468.91	470.41	0.0140		0.5000	11.0000	54.0000
1227804	479.52	481.02	0.0280		0.5000	27.0000	72.0000
1227805	481.02	482.52	0.0680		0.5000	24.0000	78.0000
1227806	482.52	484.02	0.0900		0.5000	14.0000	53.0000
1227807	484.02	485.52	0.0230		0.5000	31.0000	68.0000
1227808	485.52	486.52	0.0360		0.5000	34.0000	70.0000
1227809	486.52	487.52	0.7510		0.5000	495.0000	2132.0000
1227811	487.52	488.52	0.0440		0.5000	54.0000	277.0000
1227812	488.52	489.30	0.1460		0.5000	27.0000	83.0000
1227813	489.30	490.30	0.0150		0.5000	34.0000	77.0000
1227814	490.30	491.30	0.0620		0.5000	60.0000	121.0000

Hole Number: TL11158

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227815	491.30	492.00	0.0240		0.5000	28.0000	62.0000
1227817	492.00	493.00	0.0500		0.5000	26.0000	45.0000
1227818	493.00	494.00	0.0130		0.5000	12.0000	26.0000
1227819	494.00	494.90	0.0360		0.5000	11.0000	33.0000
1227821	494.90	495.90	0.0130		0.5000	17.0000	55.0000
1227822	495.90	496.90	0.0280		0.5000	18.0000	78.0000
1227823	496.90	497.90	0.1390		0.5000	109.0000	1839.0000
1227824	497.90	498.87	0.0390		0.5000	29.0000	118.0000
1227825	498.87	499.87	0.0700		0.5000	213.0000	187.0000
1227826	499.87	501.37	0.0160		0.5000	43.0000	102.0000
1227827	501.37	502.87	0.0110		0.5000	33.0000	79.0000
1227828	502.87	504.09	0.0010		0.5000	29.0000	115.0000
1227829	504.09	504.87	0.0340		0.5000	71.0000	119.0000
1227831	504.87	506.37	0.0240		0.5000	97.0000	131.0000
Sample Type	CDUP						
1227776	368.74	369.74	0.0100		0.5000	25.0000	59.0000
1227796	387.57	389.07	0.0080		0.5000	14.0000	51.0000
1004006	422.69	424.19	1.1790		3.0000	220.0000	311.0000
1004026	442.00	443.00	0.2470		24.0000	87.0000	155.0000
1004046	459.00	460.41	0.0230		0.5000	18.0000	95.0000
1227816	491.30	492.00	0.0170		0.5000	33.0000	47.0000



# DETAILED LOG

Hole Number: TL11159

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -63.00
Project Number: TMI-TL	North: 5511805.00	North:	Collar Az: 321.00
Location: Zealand Township	East: 528380.00	East:	Length: 495.00
	Elev: 393.00	Elev:	Start Depth: 0.00
Date Started: Apr 27, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Oct 15, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 495.00

Comments: Logged main zone (358.72-381.2m). Quicklog rest of hole. Pictured boxes 81-92.  
 Re-logged by fknight on 15 Oct. 2011.  
 c-zone= 438.59 - 456.26m

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	320.00	-63.00	EZ Sho'	OK		21.00	322.10	-62.50	EZ Sho'	OK	
51.00	322.90	-61.50	EZ Sho'	OK		102.00	326.40	-60.90	EZ Sho'	OK	
150.00	327.40	-60.20	EZ Sho'	OK		201.00	330.40	-59.60	EZ Sho'	OK	
252.00	331.20	-58.50	EZ Sho'	OK		303.00	332.30	-57.60	EZ Sho'	OK	
351.00	334.70	-56.10	EZ Sho'	OK		402.00	336.10	-54.90	EZ Sho'	OK	
450.00	336.70	-53.10	EZ Sho'	OK		495.00	338.10	-51.80	EZ Sho'	OK	EOH

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	9.00	OB, Overburden									
9.00	54.59	MSED, Metasediment Massive fg metasediments, locally mg (turbidite?). Contact with BMS is gradational, MSEDs become foliated towards lower contact.									
54.59	315.73	BMS, Biotite Muscovite Schist Weakly ser BMS, semi-massive (35%) po from 54.59-55.78m. Poorly mineralized	1227832	235.50	237.00	1.50	0.01		0.50	8.00	0.5
			1227833	237.00	238.00	1.00	0.00		0.50	5.00	0.5
			1227834	238.00	239.00	1.00	0.00		0.50	3.00	0.5
			1227835	239.00	240.28	1.28	0.00		0.50	3.00	107.0
			1227836	239.00	240.28	1.28	0.00		0.50	4.00	109.0
			1227837	240.28	241.44	1.16	0.00		0.50	3.00	0.5
			1227838	241.44	242.44	1.00	0.00		0.50	2.00	0.5
			1227839	242.44	243.15	0.71	0.02		0.50	10.00	0.5
			1227841	243.15	243.70	0.55	0.00		0.50	7.00	0.5
			1227842	243.70	245.20	1.50	0.00		0.50	10.00	0.5
			1227843	311.23	312.73	1.50	0.13		0.50	66.00	240.0
			1227844	312.73	314.23	1.50	0.13		0.50	23.00	19.0
			1227845	314.23	315.73	1.50	0.10		0.50	36.00	19.0

## DETAILED LOG

Hole Number: TL11159

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
315.73	327.86	MSS, Muscovite Sericite Schist Hangingwall MSS zone, very strongly ser (very light grey). Poorly mineralized.	1227846	315.73	316.73	1.00	0.03		0.50	21.00	26.00
			1227847	316.73	317.73	1.00	0.01		0.50	11.00	13.00
			1227848	317.73	318.73	1.00	0.00		0.50	12.00	93.00
			1227849	318.73	319.73	1.00	0.00		0.50	55.00	221.00
			1227851	319.73	320.73	1.00	0.00		0.50	37.00	129.00
			1227852	320.73	321.73	1.00	0.01		0.50	18.00	53.00
			1227853	321.73	322.73	1.00	0.01		0.50	31.00	146.00
			1227854	322.73	323.73	1.00	0.00		0.50	14.00	0.50
			1227855	323.73	324.73	1.00	0.00		0.50	9.00	0.50
			1227856	323.73	324.73	1.00	0.00		0.50	9.00	0.50
			1227857	324.73	325.73	1.00	0.00		0.50	7.00	0.50
			1227858	325.73	326.73	1.00	0.00		0.50	6.00	0.50
			1227859	326.73	327.86	1.13	0.00		0.50	9.00	0.50
327.86	358.72	BMS, Biotite Muscovite Schist Mod sericitized BMS zone, with rare sulphide stringers.	1227861	327.86	329.36	1.50	0.02		0.50	53.00	68.00
			1227862	329.36	330.86	1.50	0.01		0.50	19.00	0.50
			1227863	330.86	332.36	1.50	0.01		0.50	27.00	38.00
			1227864	332.36	333.76	1.40	0.01		0.50	18.00	0.50
			1227865	333.76	335.26	1.50	0.01		0.50	9.00	0.50
			1227866	335.26	336.76	1.50	0.02		0.50	6.00	0.50
			1227867	336.76	338.26	1.50	0.02		0.50	28.00	7.00
			1227868	338.26	339.05	0.79	0.01		0.50	37.00	137.00
			1227869	339.05	339.83	0.78	0.01		0.50	20.00	0.50
			1227871	339.83	340.83	1.00	0.02		0.50	11.00	4.00
			1227872	340.83	341.83	1.00	0.01		0.50	11.00	0.50
			1227873	341.83	342.80	0.97	0.01		0.50	10.00	0.50
			1227874	342.80	343.80	1.00	0.01		0.50	47.00	5.00
			1227876	343.80	344.80	1.00	0.11		0.50	28.00	53.00
			1227875	343.80	344.80	1.00	0.12		0.50	40.00	28.00
			1227877	344.80	345.80	1.00	0.15		0.50	38.00	137.00
			1227878	345.80	346.80	1.00	0.15		0.50	41.00	215.00
			1227879	346.80	348.30	1.50	0.04		0.50	22.00	0.50
			1006458	355.72	357.22	1.50	0.02		0.50	18.00	44.00
			1006459	357.22	358.72	1.50	0.05		0.50	38.00	71.00

DETAILED LOG

Hole Number: TL11159

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
358.72	381.20	MSS, Muscovite Sericite Schist	1006461	358.72	359.72	1.00	0.10		4.00	497.00	555.00
			1006462	359.72	360.72	1.00	0.25		3.00	587.00	877.00
			1006463	360.72	361.22	0.50	0.85		20.00	3825.00	8762.00
			1006464	361.22	362.04	0.82	0.34		11.00	1662.00	3896.00
			1006466	362.04	363.04	1.00	0.67		5.00	394.00	609.00
			1006465	362.04	363.04	1.00	1.24		6.00	445.00	523.00
			1006467	363.04	364.04	1.00	0.61		11.00	629.00	992.00
			1006468	364.04	365.04	1.00	1.78		5.00	564.00	464.00
			1006469	365.04	365.54	0.50	4.38	4.75	14.00	2023.00	4639.00
			1006471	365.54	366.06	0.52	0.51		2.00	575.00	917.00
			1006472	366.06	367.06	1.00	0.53		0.50	116.00	252.00
			1006473	367.06	368.06	1.00	0.17		0.50	27.00	39.00
			1006474	368.06	369.06	1.00	1.26		0.50	170.00	57.00
			1006475	369.06	370.06	1.00	0.11		0.50	16.00	22.00
			1006476	370.06	371.06	1.00	0.10		0.50	12.00	21.00
			1006477	371.06	372.06	1.00	0.15		0.50	11.00	17.00
			1006478	372.06	373.06	1.00	0.04		0.50	12.00	17.00
			1006479	373.06	374.06	1.00	0.07		0.50	20.00	50.00
			1006481	374.06	375.06	1.00	0.11		0.50	37.00	96.00
			1006482	375.06	376.06	1.00	0.13		2.00	78.00	318.00
			1006483	376.06	376.68	0.62	0.05		0.50	36.00	94.00
			1006484	376.68	377.34	0.66	0.16		1.00	267.00	177.00
			1006485	377.34	378.20	0.86	1.04		4.00	482.00	902.00
			1006486	377.34	378.20	0.86	1.06		3.00	277.00	1026.00
1006487	378.20	379.20	1.00	0.39		3.00	310.00	1333.00			
1006488	379.20	380.20	1.00	0.29		3.00	305.00	915.00			
1006489	380.20	381.20	1.00	1.92		15.00	1200.00	1052.00			
381.20	403.41	BMS, Biotite Muscovite Schist BMS zone, weakly sericitized, poorly mineralized. Upper contact (with main zone) is gradual, mod sericitized to ~388.5m.	1006491	381.20	382.70	1.50	0.10		6.00	56.00	202.00
			1006492	382.70	384.20	1.50	0.04		5.00	24.00	88.00
			1006493	384.20	385.70	1.50	0.01		2.00	14.00	41.00
			1006494	385.70	387.20	1.50	0.01		1.00	13.00	42.00
			1006495	387.20	388.70	1.50	0.01		0.50	7.00	36.00
			1006496	388.70	390.20	1.50	0.01		0.50	9.00	81.00
			1227881	398.91	400.41	1.50	0.01		0.50	6.00	0.50
			1227882	400.41	401.91	1.50	0.01		0.50	8.00	0.50
1227883	401.91	403.41	1.50	0.01		0.50	12.00	0.50			
403.41	410.35	MSS, Muscovite Sericite Schist MSS zone, strongly sericitized and moderately silicified, with local py stringers.	1227884	403.41	404.41	1.00	0.01		0.50	12.00	3.00
			1227885	404.41	405.41	1.00	0.01		0.50	12.00	0.50
			1227886	405.41	406.41	1.00	0.00		0.50	7.00	0.50
			1227887	406.41	407.41	1.00	0.01		0.50	6.00	0.50
			1227888	407.41	408.41	1.00	0.00		0.50	5.00	0.50
			1227889	408.41	409.41	1.00	0.01		0.50	6.00	0.50
1227891	409.41	410.35	0.94	0.01		0.50	5.00	0.50			

# DETAILED LOG

Hole Number: TL11159

Units: METRIC

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
410.35	438.59	BMS, Biotite Muscovite Schist BMS zone, weakly sericitized and poorly mineralized.	1227892	410.35	411.85	1.50	0.00		0.50	10.00	0.5
			1227893	411.85	413.35	1.50	0.15		0.50	12.00	0.5
			1227894	437.09	438.59	1.50	0.03		0.50	14.00	0.5
438.59	456.26	MSS, Muscovite Sericite Schist MSS C-zone, v. strong ser and wk-mod sil, medium grey in color, with local sulphide stringers (py, sph, gln).	1227895	438.59	439.59	1.00	0.06		0.50	23.00	0.5
			1227896	438.59	439.59	1.00	0.09		0.50	23.00	0.5
			1227897	439.59	440.59	1.00	0.16		0.50	30.00	0.5
			1227898	440.59	441.59	1.00	10.47		0.50	11.00	0.5
			1227899	441.59	442.59	1.00	0.43		0.50	7.00	11.0
			1227901	442.59	443.29	0.70	0.27		0.50	18.00	0.5
			1227902	443.29	444.40	1.11	0.14		0.50	24.00	0.5
			1227903	444.40	445.40	1.00	0.53		0.50	43.00	977.0
			1227904	445.40	446.40	1.00	0.47		0.50	58.00	860.0
			1227905	446.40	447.40	1.00	0.04		0.50	59.00	906.0
			1227906	447.40	448.40	1.00	0.07		0.50	30.00	110.0
			1227907	448.40	449.40	1.00	0.16		0.50	43.00	51.0
			1227908	449.40	450.40	1.00	0.06		0.50	28.00	0.5
			1227909	450.40	451.40	1.00	0.35		0.50	142.00	636.0
			1227911	451.40	452.40	1.00	0.59		0.50	63.00	685.0
			1227912	452.40	453.40	1.00	0.05		0.50	29.00	7.0
1227913	453.40	454.40	1.00	0.12		0.50	42.00	1381.0			
1227914	454.40	455.40	1.00	0.05		0.50	20.00	719.0			
1227915	455.40	456.26	0.86	0.06		0.50	21.00	432.0			
1227916	455.40	456.26	0.86	0.06		0.50	34.00	310.0			
456.26	495.00	BMS, Biotite Muscovite Schist BMS zone, very wkly ser, poorly merialized. EOH @ 495m.	1227917	456.26	457.26	1.00	0.05		0.50	22.00	30.0
			1227918	457.26	458.36	1.10	0.06		0.50	19.00	124.0
			1227919	458.36	459.86	1.50	0.65		0.50	11.00	0.5
			1227921	459.86	461.36	1.50	0.08		0.50	8.00	6.0

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227832	235.50	237.00	0.0080		0.5000	8.0000	0.5000
1227833	237.00	238.00	0.0005		0.5000	5.0000	0.5000
1227834	238.00	239.00	0.0005		0.5000	3.0000	0.5000
1227835	239.00	240.28	0.0005		0.5000	3.0000	107.0000
1227837	240.28	241.44	0.0030		0.5000	3.0000	0.5000
1227838	241.44	242.44	0.0005		0.5000	2.0000	0.5000
1227839	242.44	243.15	0.0170		0.5000	10.0000	0.5000
1227841	243.15	243.70	0.0005		0.5000	7.0000	0.5000
1227842	243.70	245.20	0.0020		0.5000	10.0000	0.5000
1227843	311.23	312.73	0.1310		0.5000	66.0000	240.0000

Hole Number: TL11159

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227844	312.73	314.23	0.1260		0.5000	23.0000	19.0000
1227845	314.23	315.73	0.0950		0.5000	36.0000	19.0000
1227846	315.73	316.73	0.0300		0.5000	21.0000	26.0000
1227847	316.73	317.73	0.0080		0.5000	11.0000	13.0000
1227848	317.73	318.73	0.0020		0.5000	12.0000	93.0000
1227849	318.73	319.73	0.0005		0.5000	55.0000	221.0000
1227851	319.73	320.73	0.0005		0.5000	37.0000	129.0000
1227852	320.73	321.73	0.0070		0.5000	18.0000	53.0000
1227853	321.73	322.73	0.0130		0.5000	31.0000	146.0000
1227854	322.73	323.73	0.0005		0.5000	14.0000	0.5000
1227855	323.73	324.73	0.0005		0.5000	9.0000	0.5000
1227857	324.73	325.73	0.0005		0.5000	7.0000	0.5000
1227858	325.73	326.73	0.0005		0.5000	6.0000	0.5000
1227859	326.73	327.86	0.0005		0.5000	9.0000	0.5000
1227861	327.86	329.36	0.0160		0.5000	53.0000	68.0000
1227862	329.36	330.86	0.0070		0.5000	19.0000	0.5000
1227863	330.86	332.36	0.0100		0.5000	27.0000	38.0000
1227864	332.36	333.76	0.0090		0.5000	18.0000	0.5000
1227865	333.76	335.26	0.0110		0.5000	9.0000	0.5000
1227866	335.26	336.76	0.0160		0.5000	6.0000	0.5000
1227867	336.76	338.26	0.0160		0.5000	28.0000	7.0000
1227868	338.26	339.05	0.0140		0.5000	37.0000	137.0000
1227869	339.05	339.83	0.0130		0.5000	20.0000	0.5000
1227871	339.83	340.83	0.0150		0.5000	11.0000	4.0000
1227872	340.83	341.83	0.0120		0.5000	11.0000	0.5000
1227873	341.83	342.80	0.0080		0.5000	10.0000	0.5000
1227874	342.80	343.80	0.0100		0.5000	47.0000	5.0000
1227875	343.80	344.80	0.1230		0.5000	40.0000	28.0000
1227877	344.80	345.80	0.1510		0.5000	38.0000	137.0000
1227878	345.80	346.80	0.1460		0.5000	41.0000	215.0000
1227879	346.80	348.30	0.0400		0.5000	22.0000	0.5000
1006458	355.72	357.22	0.0190		0.5000	18.0000	44.0000
1006459	357.22	358.72	0.0490		0.5000	38.0000	71.0000
1006461	358.72	359.72	0.0950		4.0000	497.0000	555.0000
1006462	359.72	360.72	0.2530		3.0000	587.0000	877.0000
1006463	360.72	361.22	0.8520		20.0000	3825.0000	8762.0000
1006464	361.22	362.04	0.3350		11.0000	1662.0000	3896.0000
1006465	362.04	363.04	1.2380		6.0000	445.0000	523.0000
1006467	363.04	364.04	0.6100		11.0000	629.0000	992.0000

Hole Number: TL11159

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006468	364.04	365.04	1.7830		5.0000	564.0000	464.0000
1006469	365.04	365.54	4.3800	4.7490	14.0000	2023.0000	4639.0000
1006471	365.54	366.06	0.5070		2.0000	575.0000	917.0000
1006472	366.06	367.06	0.5280		0.5000	116.0000	252.0000
1006473	367.06	368.06	0.1710		0.5000	27.0000	39.0000
1006474	368.06	369.06	1.2570		0.5000	170.0000	57.0000
1006475	369.06	370.06	0.1080		0.5000	16.0000	22.0000
1006476	370.06	371.06	0.0990		0.5000	12.0000	21.0000
1006477	371.06	372.06	0.1450		0.5000	11.0000	17.0000
1006478	372.06	373.06	0.0430		0.5000	12.0000	17.0000
1006479	373.06	374.06	0.0710		0.5000	20.0000	50.0000
1006481	374.06	375.06	0.1070		0.5000	37.0000	96.0000
1006482	375.06	376.06	0.1260		2.0000	78.0000	318.0000
1006483	376.06	376.68	0.0490		0.5000	36.0000	94.0000
1006484	376.68	377.34	0.1560		1.0000	267.0000	177.0000
1006485	377.34	378.20	1.0380		4.0000	482.0000	902.0000
1006487	378.20	379.20	0.3860		3.0000	310.0000	1333.0000
1006488	379.20	380.20	0.2870		3.0000	305.0000	915.0000
1006489	380.20	381.20	1.9190		15.0000	1200.0000	1052.0000
1006491	381.20	382.70	0.1020		6.0000	56.0000	202.0000
1006492	382.70	384.20	0.0430		5.0000	24.0000	88.0000
1006493	384.20	385.70	0.0110		2.0000	14.0000	41.0000
1006494	385.70	387.20	0.0070		1.0000	13.0000	42.0000
1006495	387.20	388.70	0.0100		0.5000	7.0000	36.0000
1006496	388.70	390.20	0.0120		0.5000	9.0000	81.0000
1227881	398.91	400.41	0.0050		0.5000	6.0000	0.5000
1227882	400.41	401.91	0.0080		0.5000	8.0000	0.5000
1227883	401.91	403.41	0.0070		0.5000	12.0000	0.5000
1227884	403.41	404.41	0.0060		0.5000	12.0000	3.0000
1227885	404.41	405.41	0.0050		0.5000	12.0000	0.5000
1227886	405.41	406.41	0.0040		0.5000	7.0000	0.5000
1227887	406.41	407.41	0.0050		0.5000	6.0000	0.5000
1227888	407.41	408.41	0.0040		0.5000	5.0000	0.5000
1227889	408.41	409.41	0.0080		0.5000	6.0000	0.5000
1227891	409.41	410.35	0.0080		0.5000	5.0000	0.5000
1227892	410.35	411.85	0.0030		0.5000	10.0000	0.5000
1227893	411.85	413.35	0.1530		0.5000	12.0000	0.5000
1227894	437.09	438.59	0.0280		0.5000	14.0000	0.5000
1227895	438.59	439.59	0.0560		0.5000	23.0000	0.5000

Hole Number: TL11159

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227897	439.59	440.59	0.1550		0.5000	30.0000	0.5000
1227898	440.59	441.59	10.4720		0.5000	11.0000	0.5000
1227899	441.59	442.59	0.4270		0.5000	7.0000	11.0000
1227901	442.59	443.29	0.2650		0.5000	18.0000	0.5000
1227902	443.29	444.40	0.1350		0.5000	24.0000	0.5000
1227903	444.40	445.40	0.5290		0.5000	43.0000	977.0000
1227904	445.40	446.40	0.4740		0.5000	58.0000	860.0000
1227905	446.40	447.40	0.0350		0.5000	59.0000	906.0000
1227906	447.40	448.40	0.0730		0.5000	30.0000	110.0000
1227907	448.40	449.40	0.1560		0.5000	43.0000	51.0000
1227908	449.40	450.40	0.0570		0.5000	28.0000	0.5000
1227909	450.40	451.40	0.3510		0.5000	142.0000	636.0000
1227911	451.40	452.40	0.5870		0.5000	63.0000	685.0000
1227912	452.40	453.40	0.0470		0.5000	29.0000	7.0000
1227913	453.40	454.40	0.1150		0.5000	42.0000	1381.0000
1227914	454.40	455.40	0.0490		0.5000	20.0000	719.0000
1227915	455.40	456.26	0.0570		0.5000	21.0000	432.0000
1227917	456.26	457.26	0.0500		0.5000	22.0000	30.0000
1227918	457.26	458.36	0.0640		0.5000	19.0000	124.0000
1227919	458.36	459.86	0.6470		0.5000	11.0000	0.5000
1227921	459.86	461.36	0.0760		0.5000	8.0000	6.0000
Sample Type	CDUP						
1227836	239.00	240.28	0.0005		0.5000	4.0000	109.0000
1227856	323.73	324.73	0.0005		0.5000	9.0000	0.5000
1227876	343.80	344.80	0.1110		0.5000	28.0000	53.0000
1006466	362.04	363.04	0.6650		5.0000	394.0000	609.0000
1006486	377.34	378.20	1.0570		3.0000	277.0000	1026.0000
1227896	438.59	439.59	0.0870		0.5000	23.0000	0.5000
1227916	455.40	456.26	0.0570		0.5000	34.0000	310.0000

# DETAILED LOG

Hole Number: TL11160

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -67.00
Project Number: TMI-TL	North: 5511883.00	North:	Collar Az: 313.00
Location: Zealand Township	East: 528275.00	East:	Length: 369.00
	Elev: 393.00	Elev:	Start Depth: 0.00
Date Started: Apr 28, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Nov 02, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 369.00

Comments: Main zone logged (247.92-286.02m). Rest of hole quicklogged. Pictured boxes 41-68.  
 Re-logged by fknight on 1 Nov. 2011.  
 No RQD data.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	313.00	-67.00	EZ Sho	OK		18.00	314.40	-66.40	EZ Sho	OK	No temp recorded
51.00	318.90	-65.20	EZ Sho	OK		150.00	320.20	-63.10	EZ Sho	OK	
213.00	322.90	-62.00	EZ Sho	OK		264.00	324.10	-59.90	EZ Sho	OK	
312.00	326.40	-59.00	EZ Sho	OK		369.00	327.50	-58.10	EZ Sho	OK	EOH, no temp recorded

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	7.50	OB, Overburden "7.5m casing"									
7.50	185.85	BMS, Biotite Muscovite Schist BMS zone, weakly ser and poorly mineralized.	1227922	103.10	104.60	1.50	0.00		0.50	50.00	94.00
			1227923	104.60	105.60	1.00	0.00		0.50	25.00	64.00
			1227924	105.60	106.60	1.00	0.00		0.50	19.00	159.00
			1227925	106.60	107.60	1.00	0.00		0.50	21.00	120.00
			1227926	107.60	109.10	1.50	0.00		0.50	17.00	51.00
			1227927	109.10	110.60	1.50	0.00		0.50	14.00	57.00
			1227928	143.70	145.20	1.50	0.46		0.50	15.00	105.00
			1227929	145.20	146.70	1.50	0.00		0.50	22.00	125.00
			1227931	146.70	147.70	1.00	0.04		0.50	19.00	65.00
			1227932	147.70	148.70	1.00	0.01		0.50	17.00	46.00
			1227933	148.70	149.70	1.00	0.01		0.50	31.00	69.00
			1227934	149.70	160.20	10.50	0.02		0.50	21.00	163.00
			1004057	182.85	184.35	1.50	0.35		0.50	22.00	83.00
			1004058	184.35	185.85	1.50	0.14		0.50	32.00	99.00



## DETAILED LOG

Hole Number: TL11160

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
185.85	204.56	MSS, Muscovite Sericite Schist	1004059	185.85	186.50	0.65	2.71		43.00	280.00	17053.0
			1004061	186.50	187.50	1.00	0.04		4.00	169.00	359.0
			1004062	187.50	188.50	1.00	0.04		0.50	25.00	55.0
			1004063	188.50	189.50	1.00	0.01		0.50	23.00	38.0
			1004064	189.50	190.50	1.00	0.01		0.50	30.00	34.0
			1004065	190.50	191.50	1.00	0.01		0.50	30.00	37.0
			1004066	190.50	191.50	1.00	0.01		0.50	31.00	31.0
			1004067	191.50	192.50	1.00	0.01		0.50	25.00	34.0
			1004068	192.50	193.50	1.00	0.01		0.50	17.00	7.0
			1004069	193.50	194.92	1.42	0.01		0.50	21.00	62.0
			1004071	194.92	196.08	1.16	0.04		0.50	22.00	81.0
			1004072	196.08	197.06	0.98	0.01		0.50	33.00	44.0
			1004073	197.06	198.06	1.00	0.01		0.50	163.00	358.0
			1004074	198.06	199.06	1.00	0.01		0.50	29.00	51.0
			1004075	199.06	200.06	1.00	0.01		0.50	23.00	54.0
			1004076	200.06	201.06	1.00	0.01		0.50	19.00	25.0
			1004077	201.06	202.06	1.00	0.01		0.50	23.00	41.0
			1004078	202.06	203.06	1.00	0.00		0.50	28.00	35.0
			1004079	203.06	204.56	1.50	0.01		0.50	18.00	23.0
204.56	247.92	BMS, Biotite Muscovite Schist	1004081	204.56	206.06	1.50	0.01		0.50	17.00	43.0
		BMS zone, weakly ser and poorly mineralized.	1004082	206.06	207.56	1.50	0.01		0.50	12.00	57.0
			1227935	216.90	218.40	1.50	0.01		0.50	28.00	43.0
			1227936	216.90	218.40	1.50	0.01		0.50	29.00	46.0
			1227937	218.40	219.40	1.00	0.00		0.50	48.00	65.0
			1227938	219.40	220.40	1.00	0.11		0.50	71.00	150.0
			1227939	220.40	221.40	1.00	0.01		0.50	46.00	66.0
			1227941	221.40	222.90	1.50	0.06		0.50	87.00	340.0
			1227942	222.90	224.40	1.50	0.05		0.50	47.00	87.0
			1227943	224.40	225.90	1.50	0.05		0.50	34.00	224.0
			1227944	225.90	227.25	1.35	0.03		0.50	52.00	217.0
			1227945	227.25	228.75	1.50	0.60		5.00	251.00	719.0
			1227946	228.75	230.25	1.50	0.03		0.50	32.00	68.0
			1227947	230.25	231.00	0.75	0.07		0.50	92.00	120.0
			1227948	231.00	232.50	1.50	0.01		0.50	24.00	58.0
			1004083	246.52	247.92	1.40	0.05		0.50	100.00	209.0

## DETAILED LOG

Hole Number: TL11160

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
247.92	269.34	MSS, Muscovite Sericite Schist Main MSS zone, strong to very strong sr alt throughout, weak to moderate silicification with patches of old deformed qz veins, often associated with increased sulfide mineralization. Moderate mineralization with 1-2 of top and bottom contacts, slightly higher near bottom contact.	1004084	247.92	248.92	1.00	10.17	13.22	7.00	522.00	684.00
			1004085	248.92	250.00	1.08	0.47		0.50	135.00	267.00
			1004086	248.92	250.00	1.08	0.57		0.50	144.00	244.00
			1004087	250.00	251.00	1.00	0.19		0.50	141.00	168.00
			1004088	251.00	252.00	1.00	0.35		20.00	796.00	503.00
			1004089	252.00	253.50	1.50	2.36		0.50	51.00	113.00
			1004091	253.50	255.00	1.50	0.23		1.00	77.00	125.00
			1004092	255.00	256.00	1.00	0.48		1.00	84.00	158.00
			1004093	256.00	257.00	1.00	0.37		3.00	77.00	111.00
			1004094	257.00	258.00	1.00	0.67		5.00	324.00	639.00
			1004095	258.00	259.00	1.00	0.22		0.50	78.00	130.00
			1004096	259.00	260.00	1.00	2.16		7.00	288.00	448.00
			1004097	260.00	261.00	1.00	0.78		0.50	43.00	262.00
			1004098	261.00	262.00	1.00	0.04		2.00	44.00	61.00
			1004099	262.00	263.50	1.50	0.06		0.50	36.00	62.00
			1004101	263.50	264.50	1.00	0.33		3.00	157.00	419.00
			1004102	264.50	265.50	1.00	0.02		0.50	39.00	59.00
			1004103	265.50	266.50	1.00	0.01		0.50	32.00	40.00
			1004104	266.50	267.55	1.05	0.08		2.00	84.00	165.00
			1004105	267.55	268.60	1.05	0.88		75.00	1493.00	3595.00
			1004106	267.55	268.60	1.05	1.58		115.00	1858.00	3004.00
			1004107	268.60	269.34	0.74	0.04		3.00	125.00	246.00
269.34	278.42	BMS, Biotite Muscovite Schist BMS zone, weakly to moderately sericitized, poorly mineralized.	1004108	269.34	270.84	1.50	0.03		1.00	25.00	113.00
			1004109	270.84	272.34	1.50	0.02		0.50	19.00	65.00
			1004111	272.34	273.84	1.50	0.01		0.50	12.00	147.00
			1004112	273.84	275.34	1.50	0.00		0.50	12.00	37.00
			1004113	275.34	276.92	1.58	0.01		0.50	12.00	32.00
			1004114	276.92	278.42	1.50	0.01		0.50	15.00	35.00
278.42	286.02	MSS, Muscovite Sericite Schist	1004115	278.42	279.24	0.82	0.01		0.50	28.00	48.00
			1004116	279.24	280.04	0.80	0.32		48.00	215.00	244.00
			1004117	280.04	281.04	1.00	0.18		44.00	104.00	134.00
			1004118	281.04	282.04	1.00	0.02		8.00	56.00	37.00
			1004119	282.04	283.04	1.00	0.03		4.00	30.00	45.00
			1004121	283.04	284.04	1.00	0.02		4.00	39.00	58.00
			1004122	284.04	285.04	1.00	0.07		57.00	64.00	85.00
			1004123	285.04	286.02	0.98	0.06		8.00	39.00	170.00

DETAILED LOG

Hole Number: TL11160

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
286.02	336.45	BMS, Biotite Muscovite Schist	1004124	286.02	287.52	1.50	0.01		0.50	22.00	77.00
			1227949	326.57	328.07	1.50	0.05		0.50	29.00	120.00
			1227951	328.07	329.07	1.00	0.07		0.50	38.00	158.00
			1227952	329.07	330.41	1.34	0.02		0.50	34.00	87.00
			1227953	330.41	331.41	1.00	0.03		0.50	25.00	74.00
			1227954	331.41	332.91	1.50	0.08		0.50	44.00	131.00
			1227955	332.91	334.62	1.71	0.14		0.50	40.00	114.00
			1227956	332.91	334.62	1.71	0.06		0.50	39.00	116.00
			1227957	334.62	335.45	0.83	1.15		0.50	96.00	277.00
			1227958	335.45	336.45	1.00	0.03		0.50	52.00	90.00
336.45	355.19	MSS, Muscovite Sericite Schist Very strongly sericitized C-zone, with some sulphide stringers (py, sph, po, gln).	1227959	336.45	337.45	1.00	0.24		0.50	49.00	1119.00
			1227961	337.45	338.45	1.00	2.51		7.00	424.00	1006.00
			1227962	338.45	339.45	1.00	0.03		0.50	50.00	83.00
			1227963	339.45	340.45	1.00	0.28		2.00	37.00	161.00
			1227964	340.45	341.45	1.00	0.36		0.50	36.00	203.00
			1227965	341.45	342.45	1.00	0.16		0.50	29.00	134.00
			1227966	342.45	343.45	1.00	0.07		0.50	21.00	86.00
			1227967	343.45	344.45	1.00	0.15		0.50	19.00	112.00
			1227968	344.45	345.45	1.00	0.11		0.50	23.00	94.00
			1227969	345.45	346.45	1.00	0.10		0.50	29.00	335.00
			1227971	346.45	347.45	1.00	0.10		0.50	140.00	253.00
			1227972	347.45	348.45	1.00	0.25		2.00	238.00	855.00
			1227973	348.45	349.45	1.00	0.08		1.00	140.00	1317.00
			1227974	349.45	350.45	1.00	0.01		0.50	61.00	192.00
			1227975	350.45	351.45	1.00	0.03		2.00	336.00	1863.00
			1227976	350.45	351.45	1.00	0.02		3.00	462.00	1280.00
			1227977	351.45	353.05	1.60	0.06		1.00	121.00	856.00
1227978	353.05	354.19	1.14	0.43		25.00	738.00	2620.00			
1227979	354.19	355.19	1.00	0.15		0.50	78.00	2060.00			
355.19	369.00	BMS, Biotite Muscovite Schist	1227981	355.19	356.69	1.50	0.03		0.50	22.00	141.00
		BMS zone, weakly sericitized, poorly mineralized. EOH @ 369m.									

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227922	103.10	104.60	0.0005		0.5000	50.0000	94.0000
1227923	104.60	105.60	0.0005		0.5000	25.0000	64.0000
1227924	105.60	106.60	0.0005		0.5000	19.0000	159.0000
1227925	106.60	107.60	0.0005		0.5000	21.0000	120.0000
1227926	107.60	109.10	0.0005		0.5000	17.0000	51.0000
1227927	109.10	110.60	0.0005		0.5000	14.0000	57.0000
1227928	143.70	145.20	0.4620		0.5000	15.0000	105.0000

Hole Number: TL11160

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227929	145.20	146.70	0.0005		0.5000	22.0000	125.0000
1227931	146.70	147.70	0.0400		0.5000	19.0000	65.0000
1227932	147.70	148.70	0.0060		0.5000	17.0000	46.0000
1227933	148.70	149.70	0.0060		0.5000	31.0000	69.0000
1227934	149.70	160.20	0.0240		0.5000	21.0000	163.0000
1004057	182.85	184.35	0.3540		0.5000	22.0000	83.0000
1004058	184.35	185.85	0.1400		0.5000	32.0000	99.0000
1004059	185.85	186.50	2.7120		43.0000	280.0000	17053.0000
1004061	186.50	187.50	0.0360		4.0000	169.0000	359.0000
1004062	187.50	188.50	0.0420		0.5000	25.0000	55.0000
1004063	188.50	189.50	0.0100		0.5000	23.0000	38.0000
1004064	189.50	190.50	0.0070		0.5000	30.0000	34.0000
1004065	190.50	191.50	0.0100		0.5000	30.0000	37.0000
1004067	191.50	192.50	0.0100		0.5000	25.0000	34.0000
1004068	192.50	193.50	0.0050		0.5000	17.0000	7.0000
1004069	193.50	194.92	0.0060		0.5000	21.0000	62.0000
1004071	194.92	196.08	0.0370		0.5000	22.0000	81.0000
1004072	196.08	197.06	0.0050		0.5000	33.0000	44.0000
1004073	197.06	198.06	0.0090		0.5000	163.0000	358.0000
1004074	198.06	199.06	0.0050		0.5000	29.0000	51.0000
1004075	199.06	200.06	0.0060		0.5000	23.0000	54.0000
1004076	200.06	201.06	0.0060		0.5000	19.0000	25.0000
1004077	201.06	202.06	0.0050		0.5000	23.0000	41.0000
1004078	202.06	203.06	0.0030		0.5000	28.0000	35.0000
1004079	203.06	204.56	0.0090		0.5000	18.0000	23.0000
1004081	204.56	206.06	0.0100		0.5000	17.0000	43.0000
1004082	206.06	207.56	0.0100		0.5000	12.0000	57.0000
1227935	216.90	218.40	0.0090		0.5000	28.0000	43.0000
1227937	218.40	219.40	0.0040		0.5000	48.0000	65.0000
1227938	219.40	220.40	0.1110		0.5000	71.0000	150.0000
1227939	220.40	221.40	0.0100		0.5000	46.0000	66.0000
1227941	221.40	222.90	0.0560		0.5000	87.0000	340.0000
1227942	222.90	224.40	0.0520		0.5000	47.0000	87.0000
1227943	224.40	225.90	0.0490		0.5000	34.0000	224.0000
1227944	225.90	227.25	0.0290		0.5000	52.0000	217.0000
1227945	227.25	228.75	0.5950		5.0000	251.0000	719.0000
1227946	228.75	230.25	0.0310		0.5000	32.0000	68.0000
1227947	230.25	231.00	0.0680		0.5000	92.0000	120.0000
1227948	231.00	232.50	0.0090		0.5000	24.0000	58.0000

Hole Number: TL11160

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004083	246.52	247.92	0.0510		0.5000	100.0000	209.0000
1004084	247.92	248.92	10.1660	13.2240	7.0000	522.0000	684.0000
1004085	248.92	250.00	0.4690		0.5000	135.0000	267.0000
1004087	250.00	251.00	0.1880		0.5000	141.0000	168.0000
1004088	251.00	252.00	0.3480		20.0000	796.0000	503.0000
1004089	252.00	253.50	2.3630		0.5000	51.0000	113.0000
1004091	253.50	255.00	0.2300		1.0000	77.0000	125.0000
1004092	255.00	256.00	0.4750		1.0000	84.0000	158.0000
1004093	256.00	257.00	0.3690		3.0000	77.0000	111.0000
1004094	257.00	258.00	0.6710		5.0000	324.0000	639.0000
1004095	258.00	259.00	0.2210		0.5000	78.0000	130.0000
1004096	259.00	260.00	2.1630		7.0000	288.0000	448.0000
1004097	260.00	261.00	0.7840		0.5000	43.0000	262.0000
1004098	261.00	262.00	0.0420		2.0000	44.0000	61.0000
1004099	262.00	263.50	0.0610		0.5000	36.0000	62.0000
1004101	263.50	264.50	0.3340		3.0000	157.0000	419.0000
1004102	264.50	265.50	0.0190		0.5000	39.0000	59.0000
1004103	265.50	266.50	0.0140		0.5000	32.0000	40.0000
1004104	266.50	267.55	0.0800		2.0000	84.0000	165.0000
1004105	267.55	268.60	0.8820		75.0000	1493.0000	3595.0000
1004107	268.60	269.34	0.0430		3.0000	125.0000	246.0000
1004108	269.34	270.84	0.0320		1.0000	25.0000	113.0000
1004109	270.84	272.34	0.0190		0.5000	19.0000	65.0000
1004111	272.34	273.84	0.0080		0.5000	12.0000	147.0000
1004112	273.84	275.34	0.0030		0.5000	12.0000	37.0000
1004113	275.34	276.92	0.0050		0.5000	12.0000	32.0000
1004114	276.92	278.42	0.0050		0.5000	15.0000	35.0000
1004115	278.42	279.24	0.0050		0.5000	28.0000	48.0000
1004116	279.24	280.04	0.3150		48.0000	215.0000	244.0000
1004117	280.04	281.04	0.1790		44.0000	104.0000	134.0000
1004118	281.04	282.04	0.0200		8.0000	56.0000	37.0000
1004119	282.04	283.04	0.0280		4.0000	30.0000	45.0000
1004121	283.04	284.04	0.0160		4.0000	39.0000	58.0000
1004122	284.04	285.04	0.0650		57.0000	64.0000	85.0000
1004123	285.04	286.02	0.0600		8.0000	39.0000	170.0000
1004124	286.02	287.52	0.0130		0.5000	22.0000	77.0000
1227949	326.57	328.07	0.0490		0.5000	29.0000	120.0000
1227951	328.07	329.07	0.0740		0.5000	38.0000	158.0000
1227952	329.07	330.41	0.0180		0.5000	34.0000	87.0000

Hole Number: TL11160

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227953	330.41	331.41	0.0300		0.5000	25.0000	74.0000
1227954	331.41	332.91	0.0820		0.5000	44.0000	131.0000
1227955	332.91	334.62	0.1410		0.5000	40.0000	114.0000
1227957	334.62	335.45	1.1510		0.5000	96.0000	277.0000
1227958	335.45	336.45	0.0250		0.5000	52.0000	90.0000
1227959	336.45	337.45	0.2350		0.5000	49.0000	1119.0000
1227961	337.45	338.45	2.5130		7.0000	424.0000	1006.0000
1227962	338.45	339.45	0.0260		0.5000	50.0000	83.0000
1227963	339.45	340.45	0.2800		2.0000	37.0000	161.0000
1227964	340.45	341.45	0.3580		0.5000	36.0000	203.0000
1227965	341.45	342.45	0.1590		0.5000	29.0000	134.0000
1227966	342.45	343.45	0.0680		0.5000	21.0000	86.0000
1227967	343.45	344.45	0.1450		0.5000	19.0000	112.0000
1227968	344.45	345.45	0.1070		0.5000	23.0000	94.0000
1227969	345.45	346.45	0.1000		0.5000	29.0000	335.0000
1227971	346.45	347.45	0.1010		0.5000	140.0000	253.0000
1227972	347.45	348.45	0.2510		2.0000	238.0000	855.0000
1227973	348.45	349.45	0.0750		1.0000	140.0000	1317.0000
1227974	349.45	350.45	0.0130		0.5000	61.0000	192.0000
1227975	350.45	351.45	0.0260		2.0000	336.0000	1863.0000
1227977	351.45	353.05	0.0640		1.0000	121.0000	856.0000
1227978	353.05	354.19	0.4280		25.0000	738.0000	2620.0000
1227979	354.19	355.19	0.1450		0.5000	78.0000	2060.0000
1227981	355.19	356.69	0.0300		0.5000	22.0000	141.0000
Sample Type	CDUP						
1004066	190.50	191.50	0.0080		0.5000	31.0000	31.0000
1227936	216.90	218.40	0.0080		0.5000	29.0000	46.0000
1004086	248.92	250.00	0.5700		0.5000	144.0000	244.0000
1004106	267.55	268.60	1.5840		115.0000	1858.0000	3004.0000
1227956	332.91	334.62	0.0620		0.5000	39.0000	116.0000
1227976	350.45	351.45	0.0210		3.0000	462.0000	1280.0000



## DETAILED LOG

Hole Number: TL11161

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
247.40	327.00	BMS, Biotite Muscovite Schist Weakly ser BMS with local patches of strong ser.	1227982	280.01	281.51	1.50	0.03		0.50	23.00	147.0
			1227983	281.51	282.51	1.00	0.00		0.50	17.00	43.0
			1227984	282.51	283.51	1.00	0.00		0.50	17.00	66.0
			1227985	283.51	284.51	1.00	0.00		0.50	10.00	27.0
			1227986	284.51	285.51	1.00	0.00		0.50	8.00	22.0
			1227987	285.51	286.51	1.00	0.01		0.50	11.00	37.0
			1227988	286.51	287.51	1.00	0.01		0.50	7.00	34.0
			1227989	287.51	288.90	1.39	0.00		0.50	7.00	43.0
			1227991	288.90	290.40	1.50	0.03		0.50	15.00	99.0
			1227992	321.00	322.50	1.50	0.09		0.50	40.00	86.0
			1227993	322.50	324.00	1.50	0.29		4.00	60.00	151.0
			1227994	324.00	325.50	1.50	0.09		0.50	53.00	233.0
			1227995	325.50	327.00	1.50	0.06		0.50	31.00	120.0
			1227996	325.50	327.00	1.50	0.05		0.50	37.00	121.0
327.00	341.29	MSS, Muscovite Sericite Schist Hangingwall MSS zone, very strong ser, poorly mineralized	1227997	327.00	328.00	1.00	0.07		0.50	28.00	139.0
			1227998	328.00	329.00	1.00	0.01		0.50	24.00	148.0
			1227999	329.00	330.00	1.00	0.00		0.50	13.00	120.0
			1212001	330.00	331.00	1.00	0.01		0.50	12.00	35.0
			1212002	331.00	332.00	1.00	0.01		0.50	13.00	36.0
			1212003	332.00	333.00	1.00	0.01		0.50	13.00	76.0
			1212004	333.00	334.00	1.00	0.01		0.50	29.00	108.0
			1212005	334.00	334.65	0.65	0.09		0.50	125.00	325.0
			1212006	334.65	335.80	1.15	0.02		0.50	17.00	68.0
			1212007	335.80	336.80	1.00	0.01		0.50	14.00	64.0
			1212008	336.80	337.80	1.00	0.19		0.50	50.00	95.0
			1212009	337.80	338.80	1.00	0.01		0.50	22.00	33.0
			1212011	338.80	340.05	1.25	0.01		0.50	13.00	34.0
1212012	340.05	341.29	1.24	0.01		0.50	20.00	39.0			
341.29	370.71	BMS, Biotite Muscovite Schist BMS zone, weakly-mod ser and poorly mineralized.	1212013	341.29	342.79	1.50	0.02		0.50	19.00	143.0
			1006497	367.71	369.21	1.50	0.23		7.00	560.00	1757.0
			1006498	369.21	370.71	1.50	1.09		4.00	257.00	358.0



## DETAILED LOG

Hole Number: TL11161

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
370.71	417.18	MSS, Muscovite Sericite Schist	1006499	370.71	371.90	1.19	0.85		10.00	703.00	1610.00
		Large MSS zone, increased mineralization and strong sr alteration within first 15m from top contact. Several small intervals with VG specks. Most significantly (381.18-381.22) and (385.42-385.48) which have several blebs and specks. After the first 15m there is moderate sr alteration and insignificant mineralization.	1006501	371.90	372.90	1.00	5.42	7.45	23.00	2205.00	2978.00
			1006502	372.90	373.90	1.00	5.60	5.13	9.00	737.00	1285.00
			1006503	373.90	374.90	1.00	1.35		7.00	762.00	3120.00
			1006504	374.90	375.90	1.00	0.26		3.00	216.00	1125.00
			1006505	375.90	376.90	1.00	0.26		4.00	258.00	528.00
			1006506	375.90	376.90	1.00	0.20		3.00	199.00	295.00
			1006507	376.90	377.90	1.00	0.57		3.00	71.00	95.00
			1006508	377.90	378.90	1.00	2.88		7.00	93.00	518.00
			1006509	378.90	379.90	1.00	1.55		5.00	102.00	162.00
			1006511	379.90	380.90	1.00	0.58		6.00	297.00	268.00
			1006512	380.90	381.50	0.60	23.21	19.42	29.00	1985.00	5262.00
			1006513	381.50	382.50	1.00	5.21	4.15	34.00	1821.00	3114.00
			1006514	382.50	383.50	1.00	2.37		13.00	579.00	930.00
			1006515	383.50	384.28	0.78	0.68		2.00	115.00	144.00
			1006516	384.28	385.28	1.00	2.64		8.00	675.00	1563.00
			1006517	385.28	385.93	0.65	17.26	25.79	25.00	440.00	314.00
			1006518	385.93	386.93	1.00	1.08		4.00	90.00	108.00
			1006519	386.93	387.93	1.00	0.06		2.00	57.00	89.00
			1006521	387.93	388.93	1.00	0.09		2.00	58.00	64.00
			1006522	388.93	389.93	1.00	0.02		1.00	25.00	58.00
			1006523	389.93	390.93	1.00	0.03		2.00	27.00	209.00
			1006524	390.93	391.93	1.00	0.02		3.00	22.00	2783.00
			1006526	391.93	392.93	1.00	0.00		1.00	14.00	64.00
			1006525	391.93	392.93	1.00	0.00		2.00	17.00	122.00
			1006527	392.93	394.43	1.50	0.00		1.00	9.00	43.00
			1006528	394.43	395.93	1.50	0.00		1.00	7.00	46.00
			1006529	395.93	397.43	1.50	0.01		1.00	12.00	51.00
			1006531	397.43	398.93	1.50	0.02		1.00	13.00	60.00
			1006532	398.93	400.43	1.50	0.01		2.00	26.00	65.00
			1006533	400.43	401.84	1.41	0.01		2.00	26.00	57.00
			1006534	401.84	402.84	1.00	0.00		2.00	14.00	27.00
			1006535	402.84	403.84	1.00	0.00		3.00	17.00	38.00
			1006536	403.84	404.84	1.00	0.00		2.00	20.00	103.00
			1006537	404.84	405.84	1.00	0.01		2.00	21.00	49.00
			1006538	405.84	406.84	1.00	0.02		2.00	27.00	106.00
			1006539	406.84	407.84	1.00	0.00		1.00	30.00	44.00
			1006541	407.84	408.84	1.00	0.00		1.00	15.00	23.00
			1006542	408.84	409.84	1.00	0.01		1.00	18.00	183.00
			1006543	409.84	410.84	1.00	0.00		1.00	17.00	74.00
			1006544	410.84	411.84	1.00	0.00		0.50	14.00	31.00
			1006545	411.84	412.84	1.00	0.00		2.00	18.00	17.00
			1006546	411.84	412.84	1.00	0.00		0.50	17.00	14.00

# DETAILED LOG

Hole Number: TL11161

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1006547	412.84	413.84	1.00	0.00		0.50	16.00	33.00
			1006548	413.84	414.84	1.00	0.00		0.50	17.00	100.00
			1006549	414.84	415.84	1.00	0.01		0.50	10.00	12.00
			1006551	415.84	417.18	1.34	0.01		6.00	144.00	202.00
417.18	452.01	BMS, Biotite Muscovite Schist BMS zone, weakly ser and poorly mineralized.	1006552	417.18	418.68	1.50	0.02		1.00	18.00	48.00
			1006553	418.68	420.18	1.50	0.06		1.00	18.00	30.00
			1006554	420.18	421.68	1.50	0.03		1.00	23.00	56.00
			1212014	446.93	448.43	1.50	0.03		0.50	28.00	67.00
			1212015	448.43	449.43	1.00	0.19		0.50	31.00	449.00
			1212016	448.43	449.43	1.00	0.27		0.50	31.00	285.00
			1212017	449.43	450.51	1.08	0.32		0.50	53.00	258.00
			1212018	450.51	452.01	1.50	0.09		0.50	82.00	174.00
452.01	468.86	MSS, Muscovite Sericite Schist MSS C-zone, very strongly ser, with some sulphide stringers (py, sph, gln).	1212019	452.01	453.00	0.99	0.11		0.50	61.00	545.00
			1212021	453.00	454.00	1.00	1.27		5.00	294.00	402.00
			1212022	454.00	455.00	1.00	0.58		1.00	74.00	274.00
			1212023	455.00	456.00	1.00	0.10		0.50	37.00	64.00
			1212024	456.00	457.00	1.00	0.24		1.00	48.00	334.00
			1212025	457.00	458.00	1.00	0.28		1.00	154.00	2374.00
			1212026	458.00	459.00	1.00	0.20		0.50	91.00	2450.00
			1212027	459.00	460.00	1.00	0.06		0.50	45.00	211.00
			1212028	460.00	461.00	1.00	0.03		0.50	44.00	99.00
			1212029	461.00	462.00	1.00	0.14		3.00	508.00	614.00
			1212031	462.00	463.00	1.00	0.14		2.00	172.00	1079.00
			1212032	463.00	464.00	1.00	0.06		0.50	29.00	118.00
			1212033	464.00	465.00	1.00	0.02		0.50	36.00	145.00
			1212034	465.00	466.00	1.00	0.03		0.50	38.00	80.00
			1212035	466.00	467.00	1.00	0.08		0.50	21.00	54.00
			1212036	466.00	467.00	1.00	0.03		0.50	20.00	51.00
			1212037	467.00	468.00	1.00	0.21		2.00	36.00	1499.00
			1212038	468.00	468.86	0.86	0.67		2.00	103.00	791.00
468.86	480.00	BMS, Biotite Muscovite Schist BMS zone, weakly ser and poorly mineralized.	1212039	468.86	470.36	1.50	0.02		0.50	37.00	194.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227982	280.01	281.51	0.0270		0.5000	23.0000	147.0000
1227983	281.51	282.51	0.0030		0.5000	17.0000	43.0000
1227984	282.51	283.51	0.0040		0.5000	17.0000	66.0000
1227985	283.51	284.51	0.0040		0.5000	10.0000	27.0000
1227986	284.51	285.51	0.0030		0.5000	8.0000	22.0000
1227987	285.51	286.51	0.0100		0.5000	11.0000	37.0000

Hole Number: TL11161

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227988	286.51	287.51	0.0050		0.5000	7.0000	34.0000
1227989	287.51	288.90	0.0040		0.5000	7.0000	43.0000
1227991	288.90	290.40	0.0330		0.5000	15.0000	99.0000
1227992	321.00	322.50	0.0940		0.5000	40.0000	86.0000
1227993	322.50	324.00	0.2930		4.0000	60.0000	151.0000
1227994	324.00	325.50	0.0910		0.5000	53.0000	233.0000
1227995	325.50	327.00	0.0640		0.5000	31.0000	120.0000
1227997	327.00	328.00	0.0650		0.5000	28.0000	139.0000
1227998	328.00	329.00	0.0050		0.5000	24.0000	148.0000
1227999	329.00	330.00	0.0040		0.5000	13.0000	120.0000
1212001	330.00	331.00	0.0060		0.5000	12.0000	35.0000
1212002	331.00	332.00	0.0060		0.5000	13.0000	36.0000
1212003	332.00	333.00	0.0070		0.5000	13.0000	76.0000
1212004	333.00	334.00	0.0070		0.5000	29.0000	108.0000
1212005	334.00	334.65	0.0880		0.5000	125.0000	325.0000
1212006	334.65	335.80	0.0190		0.5000	17.0000	68.0000
1212007	335.80	336.80	0.0140		0.5000	14.0000	64.0000
1212008	336.80	337.80	0.1900		0.5000	50.0000	95.0000
1212009	337.80	338.80	0.0120		0.5000	22.0000	33.0000
1212011	338.80	340.05	0.0130		0.5000	13.0000	34.0000
1212012	340.05	341.29	0.0090		0.5000	20.0000	39.0000
1212013	341.29	342.79	0.0230		0.5000	19.0000	143.0000
1006497	367.71	369.21	0.2320		7.0000	560.0000	1757.0000
1006498	369.21	370.71	1.0890		4.0000	257.0000	358.0000
1006499	370.71	371.90	0.8520		10.0000	703.0000	1610.0000
1006501	371.90	372.90	5.4210	7.4510	23.0000	2205.0000	2978.0000
1006502	372.90	373.90	5.5960	5.1280	9.0000	737.0000	1285.0000
1006503	373.90	374.90	1.3510		7.0000	762.0000	3120.0000
1006504	374.90	375.90	0.2550		3.0000	216.0000	1125.0000
1006505	375.90	376.90	0.2620		4.0000	258.0000	528.0000
1006507	376.90	377.90	0.5720		3.0000	71.0000	95.0000
1006508	377.90	378.90	2.8810		7.0000	93.0000	518.0000
1006509	378.90	379.90	1.5540		5.0000	102.0000	162.0000
1006511	379.90	380.90	0.5810		6.0000	297.0000	268.0000
1006512	380.90	381.50	23.2060	19.4230	29.0000	1985.0000	5262.0000
1006513	381.50	382.50	5.2140	4.1510	34.0000	1821.0000	3114.0000
1006514	382.50	383.50	2.3700		13.0000	579.0000	930.0000
1006515	383.50	384.28	0.6790		2.0000	115.0000	144.0000
1006516	384.28	385.28	2.6430		8.0000	675.0000	1563.0000

Hole Number: TL11161

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006517	385.28	385.93	17.2630	25.7940	25.0000	440.0000	314.0000
1006518	385.93	386.93	1.0750		4.0000	90.0000	108.0000
1006519	386.93	387.93	0.0560		2.0000	57.0000	89.0000
1006521	387.93	388.93	0.0880		2.0000	58.0000	64.0000
1006522	388.93	389.93	0.0230		1.0000	25.0000	58.0000
1006523	389.93	390.93	0.0250		2.0000	27.0000	209.0000
1006524	390.93	391.93	0.0190		3.0000	22.0000	2783.0000
1006525	391.93	392.93	0.0030		2.0000	17.0000	122.0000
1006527	392.93	394.43	0.0020		1.0000	9.0000	43.0000
1006528	394.43	395.93	0.0030		1.0000	7.0000	46.0000
1006529	395.93	397.43	0.0090		1.0000	12.0000	51.0000
1006531	397.43	398.93	0.0150		1.0000	13.0000	60.0000
1006532	398.93	400.43	0.0110		2.0000	26.0000	65.0000
1006533	400.43	401.84	0.0090		2.0000	26.0000	57.0000
1006534	401.84	402.84	0.0030		2.0000	14.0000	27.0000
1006535	402.84	403.84	0.0030		3.0000	17.0000	38.0000
1006536	403.84	404.84	0.0030		2.0000	20.0000	103.0000
1006537	404.84	405.84	0.0080		2.0000	21.0000	49.0000
1006538	405.84	406.84	0.0200		2.0000	27.0000	106.0000
1006539	406.84	407.84	0.0030		1.0000	30.0000	44.0000
1006541	407.84	408.84	0.0020		1.0000	15.0000	23.0000
1006542	408.84	409.84	0.0050		1.0000	18.0000	183.0000
1006543	409.84	410.84	0.0040		1.0000	17.0000	74.0000
1006544	410.84	411.84	0.0030		0.5000	14.0000	31.0000
1006545	411.84	412.84	0.0020		2.0000	18.0000	17.0000
1006547	412.84	413.84	0.0020		0.5000	16.0000	33.0000
1006548	413.84	414.84	0.0030		0.5000	17.0000	100.0000
1006549	414.84	415.84	0.0070		0.5000	10.0000	12.0000
1006551	415.84	417.18	0.0060		6.0000	144.0000	202.0000
1006552	417.18	418.68	0.0160		1.0000	18.0000	48.0000
1006553	418.68	420.18	0.0640		1.0000	18.0000	30.0000
1006554	420.18	421.68	0.0340		1.0000	23.0000	56.0000
1212014	446.93	448.43	0.0260		0.5000	28.0000	67.0000
1212015	448.43	449.43	0.1880		0.5000	31.0000	449.0000
1212017	449.43	450.51	0.3170		0.5000	53.0000	258.0000
1212018	450.51	452.01	0.0890		0.5000	82.0000	174.0000
1212019	452.01	453.00	0.1090		0.5000	61.0000	545.0000
1212021	453.00	454.00	1.2690		5.0000	294.0000	402.0000
1212022	454.00	455.00	0.5750		1.0000	74.0000	274.0000

Hole Number: TL11161

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1212023	455.00	456.00	0.1030		0.5000	37.0000	64.0000
1212024	456.00	457.00	0.2350		1.0000	48.0000	334.0000
1212025	457.00	458.00	0.2800		1.0000	154.0000	2374.0000
1212026	458.00	459.00	0.2010		0.5000	91.0000	2450.0000
1212027	459.00	460.00	0.0570		0.5000	45.0000	211.0000
1212028	460.00	461.00	0.0310		0.5000	44.0000	99.0000
1212029	461.00	462.00	0.1360		3.0000	508.0000	614.0000
1212031	462.00	463.00	0.1370		2.0000	172.0000	1079.0000
1212032	463.00	464.00	0.0640		0.5000	29.0000	118.0000
1212033	464.00	465.00	0.0220		0.5000	36.0000	145.0000
1212034	465.00	466.00	0.0270		0.5000	38.0000	80.0000
1212035	466.00	467.00	0.0790		0.5000	21.0000	54.0000
1212037	467.00	468.00	0.2060		2.0000	36.0000	1499.0000
1212038	468.00	468.86	0.6680		2.0000	103.0000	791.0000
1212039	468.86	470.36	0.0240		0.5000	37.0000	194.0000
Sample Type	CDUP						
1227996	325.50	327.00	0.0470		0.5000	37.0000	121.0000
1006506	375.90	376.90	0.1980		3.0000	199.0000	295.0000
1006526	391.93	392.93	0.0040		1.0000	14.0000	64.0000
1006546	411.84	412.84	0.0020		0.5000	17.0000	14.0000
1212016	448.43	449.43	0.2720		0.5000	31.0000	285.0000
1212036	466.00	467.00	0.0320		0.5000	20.0000	51.0000

# DETAILED LOG

Hole Number: TL11162

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -66.00
Project Number: TMI-TL	North: 5511845.00	North:	Collar Az: 314.00
Location: Zealand Township	East: 528275.00	East:	Length: 393.00
	Elev: 393.00	Elev:	Start Depth: 0.00
Date Started: May 02, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Nov 07, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 393.00

Comments: Main zone logged and sampled. Sampled up to 325m.  
 Main zone= 284.77 - 320.87m  
 c-zone= 357.94 - 379.48m  
 Re-logged by fknight on 7 Nov. 2011.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	314.00	-66.50	EZ Sho	OK	No temp recorded	21.00	315.40	-65.80	EZ Sho	OK	No temp recorded, EOH
54.00	318.20	-65.80	EZ Sho	OK		105.00	321.30	-61.30	EZ Sho	OK	
156.00	322.50	-60.20	EZ Sho	OK		204.00	323.80	-58.70	EZ Sho	OK	
252.00	325.90	-58.00	EZ Sho	OK		306.00	329.20	-56.20	EZ Sho	OK	
354.00	330.80	-54.80	EZ Sho	OK		390.00	332.20	-53.50	EZ Sho	OK	

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	9.50	OB, Overburden									
9.50	227.92	BMS, Biotite Muscovite Schist	1004125	224.92	226.42	1.50	0.06		1.00	38.00	69.00
		Very weakly sericitized BMS, BS locally. Poorly mineralized.	1004126	224.92	226.42	1.50	0.06		1.00	22.00	175.00
			1004127	226.42	227.92	1.50	0.07		1.00	35.00	239.00

## DETAILED LOG

Hole Number: TL11162

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
227.92	242.81	MSS, Muscovite Sericite Schist Strongly sericitized hangingwall MSS with alteration "breaks". Strong sulphide band (py, sph, gln, cp) from 227.92-228.10m	1004128	227.92	228.42	0.50	0.40		11.00	1442.00	8726.00
			1004129	228.42	229.42	1.00	0.03		1.00	57.00	229.00
			1004131	229.42	230.42	1.00	0.02		1.00	26.00	255.00
			1004132	230.42	231.08	0.66	0.02		1.00	18.00	86.00
			1004133	231.08	232.08	1.00	0.01		1.00	17.00	114.00
			1004134	232.08	233.08	1.00	0.01		0.50	14.00	76.00
			1004135	233.08	234.08	1.00	0.01		0.50	10.00	71.00
			1004136	234.08	235.39	1.31	0.70		1.00	22.00	143.00
			1004137	235.39	236.70	1.31	0.04		1.00	17.00	133.00
			1004138	236.70	237.83	1.13	0.02		0.50	15.00	143.00
			1004139	237.83	238.81	0.98	0.02		1.00	14.00	112.00
			1004141	238.81	239.81	1.00	0.01		1.00	11.00	110.00
			1004142	239.81	240.81	1.00	0.01		0.50	8.00	130.00
			1004143	240.81	241.81	1.00	0.01		0.50	6.00	82.00
			1004144	241.81	242.81	1.00	0.01		0.50	8.00	83.00
242.81	284.77	BMS, Biotite Muscovite Schist Moderately sericitized BMS zone with .5-1.5m intervals of strong sr alteration. Gradually transitions into the following main zone. Poorly mineralized throughout most of the zone, except increased stringers within intervals of strong sr.	1004145	242.81	244.31	1.50	0.07		0.50	6.00	101.00
			1004146	242.81	244.31	1.50	0.08		0.50	6.00	101.00
			1004147	244.31	245.81	1.50	0.01		1.00	6.00	114.00
			1004148	253.50	255.00	1.50	0.01		0.50	17.00	91.00
			1004149	255.00	256.00	1.00	0.01		0.50	23.00	85.00
			1004151	256.00	257.00	1.00	0.11		1.00	32.00	402.00
			1004152	257.00	258.00	1.00	0.02		0.50	27.00	112.00
			1004153	258.00	259.50	1.50	0.02		1.00	46.00	230.00
			1004154	259.50	261.00	1.50	0.02		1.00	40.00	163.00
			1004155	261.00	262.50	1.50	0.03		1.00	43.00	160.00
			1004156	262.50	264.00	1.50	0.03		1.00	42.00	138.00
			1004157	264.00	265.50	1.50	0.08		1.00	35.00	110.00
			1004158	265.50	267.00	1.50	0.07		1.00	42.00	183.00
			1004159	267.00	268.50	1.50	0.03		1.00	25.00	129.00
			1004161	268.50	269.80	1.30	0.01		1.00	31.00	114.00
			1004162	269.80	270.95	1.15	1.00		5.00	756.00	1969.00
			1004163	270.95	272.00	1.05	0.23		1.00	273.00	507.00
			1004164	272.00	273.00	1.00	0.04		1.00	68.00	169.00
			1004166	273.00	274.50	1.50	0.27		2.00	37.00	163.00
			1004165	273.00	274.50	1.50	0.32		4.00	35.00	146.00
			1004167	274.50	276.00	1.50	0.03		1.00	22.00	163.00
			1004168	276.00	277.50	1.50	0.15		3.00	54.00	210.00
			1004169	277.50	279.00	1.50	0.33		4.00	75.00	269.00
			1004171	279.00	280.50	1.50	0.13		2.00	24.00	132.00
			1004172	280.50	282.00	1.50	0.40		2.00	64.00	241.00
			1004173	282.00	283.50	1.50	0.58		2.00	25.00	143.00
			1004174	283.50	284.77	1.27	0.11		3.00	33.00	175.00

Hole Number: TL11162

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
284.77	320.87	MSS, Muscovite Sericite Schist Atypical looking MSS main zone. Gradual top and bottom contacts with moderate alteration with strong patches on the top half of unit, then towards the bottom has a weak patch followed with a very strong interval just before contact. From 284.77-305m there are several condensed, semi-massive bands of sulfides, along with a mineralized qz vein. 303.48-303.58 - mineralized qz vein with VG blebs and flecks, also well developed gn, cpy, po, mineralization.	1004175	284.77	285.77	1.00	0.20		3.00	118.00	701.00
			1004176	285.77	286.77	1.00	1.11		6.00	1204.00	1100.00
			1004177	286.77	288.00	1.23	0.45		8.00	484.00	310.00
			1004178	288.00	289.00	1.00	0.09		1.00	39.00	184.00
			1004179	289.00	290.00	1.00	0.14		2.00	41.00	165.00
			1004181	290.00	291.00	1.00	0.84		16.00	647.00	406.00
			1004182	291.00	292.00	1.00	0.46		8.00	181.00	282.00
			1004183	292.00	293.00	1.00	1.95		4.00	144.00	332.00
			1004184	293.00	294.00	1.00	0.40		2.00	44.00	149.00
			1004185	294.00	295.00	1.00	0.18		1.00	33.00	122.00
			1004186	294.00	295.00	1.00	0.24		2.00	57.00	63.00
			1004187	295.00	296.00	1.00	0.89		3.00	86.00	463.00
			1004188	296.00	297.00	1.00	0.15		1.00	29.00	138.00
			1004189	297.00	298.00	1.00	0.10		2.00	22.00	138.00
			1004191	298.00	299.25	1.25	0.11		1.00	20.00	174.00
			1004192	299.25	300.25	1.00	0.47		10.00	1421.00	5971.00
			1004193	300.25	301.25	1.00	0.16		5.00	305.00	250.00
			1004194	301.25	302.25	1.00	0.03		1.00	21.00	97.00
			1004195	302.25	303.40	1.15	0.05		1.00	16.00	88.00
			1004196	303.40	303.90	0.50	14.55	18.44	53.00	4802.00	1818.00
			1004197	303.90	304.90	1.00	4.65		84.00	1366.00	1832.00
			1004198	304.90	306.00	1.10	0.04		3.00	54.00	186.00
			1004199	306.00	307.50	1.50	0.01		2.00	12.00	145.00
			1004201	307.50	309.00	1.50	0.01		1.00	3.00	101.00
			1004202	309.00	310.50	1.50	0.01		1.00	3.00	94.00
			1004203	310.50	312.00	1.50	0.01		1.00	6.00	94.00
			1004204	312.00	313.00	1.00	0.01		0.50	9.00	95.00
			1004205	313.00	314.00	1.00	0.05		3.00	20.00	137.00
			1004206	313.00	314.00	1.00	0.05		3.00	20.00	102.00
			1004207	314.00	315.00	1.00	0.01		2.00	16.00	74.00
			1004208	315.00	316.00	1.00	0.08		5.00	27.00	103.00
			1004209	316.00	317.00	1.00	0.12		21.00	55.00	197.00
			1004211	317.00	318.00	1.00	0.23		42.00	129.00	436.00
			1004212	318.00	319.00	1.00	0.01		2.00	31.00	138.00
			1004213	319.00	320.00	1.00	0.06		20.00	58.00	129.00
			1004214	320.00	320.87	0.87	0.15		57.00	51.00	250.00
320.87	357.94	BMS, Biotite Muscovite Schist	1004215	320.87	322.00	1.13	0.01		2.00	12.00	81.00
			1004216	322.00	323.50	1.50	0.01		1.00	7.00	78.00
			1004217	323.50	325.00	1.50	0.00		1.00	11.00	83.00
			1212041	356.44	357.94	1.50	0.06		1.00	20.00	144.00



# DETAILED LOG

Hole Number: TL11162

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
357.94	379.48	MSS, Muscovite Sericite Schist	1212042	357.94	358.94	1.00	0.08		1.00	50.00	346.00
			1212043	358.94	359.47	0.53	0.04		1.00	26.00	40.00
			1212044	359.47	360.27	0.80	0.02		1.00	46.00	69.00
			1212045	360.27	361.08	0.81	0.65		3.00	30.00	205.00
			1212046	361.08	362.57	1.49	0.08		2.00	43.00	79.00
			1212047	362.57	363.23	0.66	6.81		27.00	1964.00	6354.00
			1212048	363.23	364.55	1.32	0.09		2.00	53.00	153.00
			1212049	364.55	365.55	1.00	0.10		1.00	40.00	175.00
			1212051	365.55	366.55	1.00	0.41		2.00	79.00	71.00
			1212052	366.55	367.55	1.00	0.60		2.00	111.00	715.00
			1212053	367.55	368.55	1.00	1.06		5.00	79.00	384.00
			1212054	368.55	369.50	0.95	0.52		2.00	33.00	150.00
			1212055	369.50	370.08	0.58	0.18		2.00	39.00	94.00
			1212056	369.50	370.08	0.58	0.18		2.00	35.00	94.00
			1212057	370.08	371.00	0.92	0.09		1.00	15.00	55.00
			1212058	371.00	371.80	0.80	0.09		2.00	18.00	143.00
			1212059	371.80	372.55	0.75	0.05		2.00	27.00	74.00
			1212061	372.55	373.35	0.80	0.05		1.00	26.00	103.00
			1212062	373.35	374.35	1.00	0.05		2.00	29.00	67.00
			1212063	374.35	375.35	1.00	0.33		1.00	30.00	636.00
1212064	375.35	376.48	1.13	0.18		3.00	199.00	1009.00			
1212065	376.48	377.48	1.00	0.13		2.00	115.00	157.00			
1212066	377.48	378.48	1.00	0.22		2.00	87.00	312.00			
1212067	378.48	379.48	1.00	0.12		3.00	237.00	2101.00			
379.48	393.00	BMS, Biotite Muscovite Schist	1212068	379.48	380.98	1.50	0.00		3.00	112.00	714.00
			1212069	380.98	382.48	1.50	0.00		4.00	347.00	284.00
			1212071	382.48	383.98	1.50	0.04		1.00	47.00	281.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004125	224.92	226.42	0.0550		1.0000	38.0000	69.0000
1004127	226.42	227.92	0.0660		1.0000	35.0000	239.0000
1004128	227.92	228.42	0.3960		11.0000	1442.0000	8726.0000
1004129	228.42	229.42	0.0250		1.0000	57.0000	229.0000
1004131	229.42	230.42	0.0190		1.0000	26.0000	255.0000
1004132	230.42	231.08	0.0180		1.0000	18.0000	86.0000
1004133	231.08	232.08	0.0130		1.0000	17.0000	114.0000
1004134	232.08	233.08	0.0070		0.5000	14.0000	76.0000
1004135	233.08	234.08	0.0090		0.5000	10.0000	71.0000
1004136	234.08	235.39	0.7020		1.0000	22.0000	143.0000
1004137	235.39	236.70	0.0390		1.0000	17.0000	133.0000

Hole Number: TL11162

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004138	236.70	237.83	0.0150		0.5000	15.0000	143.0000
1004139	237.83	238.81	0.0160		1.0000	14.0000	112.0000
1004141	238.81	239.81	0.0110		1.0000	11.0000	110.0000
1004142	239.81	240.81	0.0090		0.5000	8.0000	130.0000
1004143	240.81	241.81	0.0100		0.5000	6.0000	82.0000
1004144	241.81	242.81	0.0060		0.5000	8.0000	83.0000
1004145	242.81	244.31	0.0690		0.5000	6.0000	101.0000
1004147	244.31	245.81	0.0110		1.0000	6.0000	114.0000
1004148	253.50	255.00	0.0100		0.5000	17.0000	91.0000
1004149	255.00	256.00	0.0090		0.5000	23.0000	85.0000
1004151	256.00	257.00	0.1080		1.0000	32.0000	402.0000
1004152	257.00	258.00	0.0150		0.5000	27.0000	112.0000
1004153	258.00	259.50	0.0160		1.0000	46.0000	230.0000
1004154	259.50	261.00	0.0240		1.0000	40.0000	163.0000
1004155	261.00	262.50	0.0320		1.0000	43.0000	160.0000
1004156	262.50	264.00	0.0340		1.0000	42.0000	138.0000
1004157	264.00	265.50	0.0790		1.0000	35.0000	110.0000
1004158	265.50	267.00	0.0690		1.0000	42.0000	183.0000
1004159	267.00	268.50	0.0330		1.0000	25.0000	129.0000
1004161	268.50	269.80	0.0130		1.0000	31.0000	114.0000
1004162	269.80	270.95	1.0020		5.0000	756.0000	1969.0000
1004163	270.95	272.00	0.2260		1.0000	273.0000	507.0000
1004164	272.00	273.00	0.0360		1.0000	68.0000	169.0000
1004165	273.00	274.50	0.3210		4.0000	35.0000	146.0000
1004167	274.50	276.00	0.0320		1.0000	22.0000	163.0000
1004168	276.00	277.50	0.1520		3.0000	54.0000	210.0000
1004169	277.50	279.00	0.3310		4.0000	75.0000	269.0000
1004171	279.00	280.50	0.1260		2.0000	24.0000	132.0000
1004172	280.50	282.00	0.3990		2.0000	64.0000	241.0000
1004173	282.00	283.50	0.5840		2.0000	25.0000	143.0000
1004174	283.50	284.77	0.1120		3.0000	33.0000	175.0000
1004175	284.77	285.77	0.2020		3.0000	118.0000	701.0000
1004176	285.77	286.77	1.1100		6.0000	1204.0000	1100.0000
1004177	286.77	288.00	0.4500		8.0000	484.0000	310.0000
1004178	288.00	289.00	0.0920		1.0000	39.0000	184.0000
1004179	289.00	290.00	0.1440		2.0000	41.0000	165.0000
1004181	290.00	291.00	0.8380		16.0000	647.0000	406.0000
1004182	291.00	292.00	0.4570		8.0000	181.0000	282.0000
1004183	292.00	293.00	1.9460		4.0000	144.0000	332.0000

Hole Number: TL11162

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004184	293.00	294.00	0.4020		2.0000	44.0000	149.0000
1004185	294.00	295.00	0.1830		1.0000	33.0000	122.0000
1004187	295.00	296.00	0.8870		3.0000	86.0000	463.0000
1004188	296.00	297.00	0.1520		1.0000	29.0000	138.0000
1004189	297.00	298.00	0.1000		2.0000	22.0000	138.0000
1004191	298.00	299.25	0.1050		1.0000	20.0000	174.0000
1004192	299.25	300.25	0.4650		10.0000	1421.0000	5971.0000
1004193	300.25	301.25	0.1600		5.0000	305.0000	250.0000
1004194	301.25	302.25	0.0290		1.0000	21.0000	97.0000
1004195	302.25	303.40	0.0450		1.0000	16.0000	88.0000
1004196	303.40	303.90	14.5500	18.4410	53.0000	4802.0000	1818.0000
1004197	303.90	304.90	4.6450		84.0000	1366.0000	1832.0000
1004198	304.90	306.00	0.0430		3.0000	54.0000	186.0000
1004199	306.00	307.50	0.0100		2.0000	12.0000	145.0000
1004201	307.50	309.00	0.0100		1.0000	3.0000	101.0000
1004202	309.00	310.50	0.0090		1.0000	3.0000	94.0000
1004203	310.50	312.00	0.0090		1.0000	6.0000	94.0000
1004204	312.00	313.00	0.0090		0.5000	9.0000	95.0000
1004205	313.00	314.00	0.0510		3.0000	20.0000	137.0000
1004207	314.00	315.00	0.0130		2.0000	16.0000	74.0000
1004208	315.00	316.00	0.0770		5.0000	27.0000	103.0000
1004209	316.00	317.00	0.1160		21.0000	55.0000	197.0000
1004211	317.00	318.00	0.2320		42.0000	129.0000	436.0000
1004212	318.00	319.00	0.0080		2.0000	31.0000	138.0000
1004213	319.00	320.00	0.0610		20.0000	58.0000	129.0000
1004214	320.00	320.87	0.1470		57.0000	51.0000	250.0000
1004215	320.87	322.00	0.0070		2.0000	12.0000	81.0000
1004216	322.00	323.50	0.0050		1.0000	7.0000	78.0000
1004217	323.50	325.00	0.0040		1.0000	11.0000	83.0000
1212041	356.44	357.94	0.0560		1.0000	20.0000	144.0000
1212042	357.94	358.94	0.0750		1.0000	50.0000	346.0000
1212043	358.94	359.47	0.0400		1.0000	26.0000	40.0000
1212044	359.47	360.27	0.0240		1.0000	46.0000	69.0000
1212045	360.27	361.08	0.6530		3.0000	30.0000	205.0000
1212046	361.08	362.57	0.0750		2.0000	43.0000	79.0000
1212047	362.57	363.23	6.8100		27.0000	1964.0000	6354.0000
1212048	363.23	364.55	0.0910		2.0000	53.0000	153.0000
1212049	364.55	365.55	0.0950		1.0000	40.0000	175.0000
1212051	365.55	366.55	0.4060		2.0000	79.0000	71.0000

Hole Number: TL11162

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type ASSAY							
1212052	366.55	367.55	0.6020		2.0000	111.0000	715.0000
1212053	367.55	368.55	1.0610		5.0000	79.0000	384.0000
1212054	368.55	369.50	0.5160		2.0000	33.0000	150.0000
1212055	369.50	370.08	0.1840		2.0000	39.0000	94.0000
1212057	370.08	371.00	0.0860		1.0000	15.0000	55.0000
1212058	371.00	371.80	0.0940		2.0000	18.0000	143.0000
1212059	371.80	372.55	0.0480		2.0000	27.0000	74.0000
1212061	372.55	373.35	0.0460		1.0000	26.0000	103.0000
1212062	373.35	374.35	0.0540		2.0000	29.0000	67.0000
1212063	374.35	375.35	0.3250		1.0000	30.0000	636.0000
1212064	375.35	376.48	0.1790		3.0000	199.0000	1009.0000
1212065	376.48	377.48	0.1290		2.0000	115.0000	157.0000
1212066	377.48	378.48	0.2220		2.0000	87.0000	312.0000
1212067	378.48	379.48	0.1240		3.0000	237.0000	2101.0000
1212068	379.48	380.98	0.0005		3.0000	112.0000	714.0000
1212069	380.98	382.48	0.0005		4.0000	347.0000	284.0000
1212071	382.48	383.98	0.0400		1.0000	47.0000	281.0000
Sample Type CDUP							
1004126	224.92	226.42	0.0550		1.0000	22.0000	175.0000
1004146	242.81	244.31	0.0790		0.5000	6.0000	101.0000
1004166	273.00	274.50	0.2700		2.0000	37.0000	163.0000
1004186	294.00	295.00	0.2390		2.0000	57.0000	63.0000
1004206	313.00	314.00	0.0470		3.0000	20.0000	102.0000
1212056	369.50	370.08	0.1750		2.0000	35.0000	94.0000

# DETAILED LOG

Hole Number: TL11163

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -66.00
Project Number: TMI-TL	North: 5511730.00	North:	Collar Az: 310.00
Location: Zealand Township	East: 528305.00	East:	Length: 508.44
	Elev: 393.00	Elev:	Start Depth: 0.00
Date Started: May 02, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Nov 08, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 508.44

Comments: Hole collapsed at 508m. Hole abandoned to avoid losing rods. Main zone logged from 433.82-468m. Boxes 98-109 pictured.  
 Re-logged by fknight on 8 Nov. 2011.  
 RQD interval 126-129m not included due to block error. Data exceeds allowed value.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	310.00	-66.00	EZ Sho'	OK		18.00	310.80	-65.90	EZ Sho'	OK	
54.00	312.50	-65.40	EZ Sho'	OK		105.00	315.00	-64.00	EZ Sho'	OK	
150.00	316.90	-63.20	EZ Sho'	OK		201.00	317.80	-62.60	EZ Sho'	OK	
234.00	319.20	-62.00	EZ Sho'	OK		252.00	320.20	-61.80	EZ Sho'	OK	
300.00	321.60	-60.80	EZ Sho'	OK		354.00	323.90	-59.30	EZ Sho'	OK	
402.00	324.30	-57.90	EZ Sho'	OK		450.00	325.10	-56.70	EZ Sho'	OK	
504.00	330.50	-53.20	EZ Sho'	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	13.50	OB, Overburden									
13.50	51.00	MTVOL, Metavolcanic									
51.00	135.11	BS, Biotite Schist									
135.11	403.94	BMS, Biotite Muscovite Schist (137.16-137.62) semi-massive py-cpy-po	1212072	402.44	403.94	1.50	1.37		0.50	35.00	87.00
403.94	411.83	MSS, Muscovite Sericite Schist	1212073	403.94	404.94	1.00	0.03		0.50	32.00	58.00
			1212074	404.94	405.94	1.00	0.02		0.50	27.00	30.00
			1212075	405.94	406.94	1.00	0.06		0.50	30.00	82.00
			1212076	405.94	406.94	1.00	0.05		0.50	29.00	126.00
			1212077	406.94	407.94	1.00	0.03		0.50	36.00	76.00
			1212078	407.94	408.94	1.00	0.02		0.50	48.00	48.00
			1212079	408.94	409.94	1.00	0.01		0.50	41.00	45.00
			1212081	409.94	410.94	1.00	0.02		0.50	63.00	185.00
			1212082	410.94	411.83	0.89	0.02		0.50	26.00	38.00

## DETAILED LOG

Hole Number: TL11163

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
411.83	417.05	BMS, Biotite Muscovite Schist	1212083	411.83	413.33	1.50	0.03		0.50	30.00	74.00
			1212084	413.33	414.83	1.50	0.01		0.50	26.00	71.00
			1212085	414.83	416.05	1.22	0.29		0.50	56.00	145.00
			1212086	416.05	417.05	1.00	0.02		0.50	26.00	135.00
417.05	423.86	MSS, Muscovite Sericite Schist	1212087	417.05	418.05	1.00	0.01		0.50	17.00	78.00
			1212088	418.05	419.05	1.00	0.01		0.50	14.00	38.00
			1212089	419.05	420.05	1.00	0.01		0.50	14.00	41.00
			1212091	420.05	421.05	1.00	0.01		0.50	93.00	86.00
			1212092	421.05	421.86	0.81	0.01		0.50	10.00	22.00
			1212093	421.86	422.86	1.00	0.01		0.50	11.00	24.00
			1212094	422.86	423.86	1.00	0.01		0.50	11.00	26.00
423.86	433.82	BMS, Biotite Muscovite Schist	1212095	423.86	425.36	1.50	0.02		0.50	22.00	59.00
			1212096	423.86	425.36	1.50	0.02		0.50	14.00	60.00
			1212097	425.36	426.86	1.50	0.02		0.50	16.00	58.00
			1212098	426.86	428.36	1.50	0.01		0.50	19.00	62.00
			1212099	428.36	429.86	1.50	0.02		0.50	39.00	86.00
			1212101	429.86	430.82	0.96	0.03		0.50	33.00	147.00
			1006555	430.82	432.32	1.50	0.03		0.50	15.00	45.00
			1006556	432.32	433.82	1.50	0.03		0.50	16.00	38.00

DETAILED LOG

Hole Number: TL11163

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
433.82	468.00	MSS, Muscovite Sericite Schist	1006557	433.82	435.12	1.30	0.09		0.50	42.00	195.00
			1006558	435.12	436.62	1.50	0.02		0.50	34.00	12.00
			1006559	436.62	437.62	1.00	0.06		0.50	19.00	35.00
			1006561	437.62	438.62	1.00	0.03		0.50	22.00	35.00
			1006562	438.62	439.62	1.00	0.02		0.50	18.00	18.00
			1006563	439.62	441.00	1.38	0.02		0.50	32.00	47.00
			1006564	441.00	442.47	1.47	0.03		0.50	45.00	136.00
			1006565	442.47	444.00	1.53	0.02		0.50	174.00	267.00
			1006566	442.47	444.00	1.53	0.02		0.50	227.00	403.00
			1006567	444.00	445.50	1.50	0.03		0.50	45.00	62.00
			1006568	445.50	447.00	1.50	0.08		0.50	33.00	50.00
			1006569	447.00	448.50	1.50	0.02		0.50	49.00	46.00
			1006571	448.50	449.50	1.00	0.03		0.50	195.00	142.00
			1006572	449.50	450.54	1.04	0.05		0.50	21.00	37.00
			1006573	450.54	451.54	1.00	0.10		1.00	162.00	311.00
			1006574	451.54	452.54	1.00	2.23		58.00	4584.00	8642.00
			1006575	452.54	453.54	1.00	0.03		0.50	137.00	238.00
			1006576	453.54	454.54	1.00	0.02		0.50	33.00	51.00
			1006577	454.54	455.54	1.00	0.03		0.50	56.00	412.00
			1006578	455.54	456.54	1.00	0.33		0.50	54.00	125.00
			1006579	456.54	457.54	1.00	0.48		0.50	73.00	205.00
			1006581	457.54	458.54	1.00	1.49		1.00	254.00	486.00
			1006582	458.54	459.54	1.00	0.26		0.50	125.00	119.00
			1006583	459.54	460.54	1.00	0.88		4.00	142.00	1191.00
			1006584	460.54	461.54	1.00	1.58		0.50	51.00	138.00
			1006585	461.54	462.54	1.00	0.28		1.00	87.00	168.00
			1006586	461.54	462.54	1.00	0.27		0.50	87.00	158.00
			1006587	462.54	463.54	1.00	2.78		0.50	51.00	69.00
			1006588	463.54	464.54	1.00	1.59		0.50	80.00	126.00
			1006589	464.54	465.54	1.00	2.97		2.00	133.00	262.00
			1006591	465.54	466.23	0.69	6.63	3.16	0.50	128.00	208.00
			1006592	466.54	467.23	0.69	0.30		0.50	50.00	118.00
			1006593	467.23	468.00	0.77	0.08		0.50	22.00	45.00

# DETAILED LOG

Hole Number: TL11163

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
468.00	508.44	BMS, Biotite Muscovite Schist	1006594	468.00	469.00	1.00	0.12		0.50	20.00	63.00
			1006595	469.00	470.00	1.00	0.54		2.00	128.00	1502.00
			1212102	470.00	471.50	1.50	0.02		1.00	43.00	91.00
			1212103	471.50	473.00	1.50	0.02		2.00	44.00	94.00
			1212104	473.00	474.50	1.50	0.02		1.00	41.00	77.00
			1212105	474.50	475.52	1.02	0.03		1.00	41.00	84.00
			1212106	475.52	476.26	0.74	2.53		9.00	156.00	166.00
			1212107	476.26	477.00	0.74	0.39		8.00	485.00	1483.00
			1212108	477.00	478.50	1.50	0.03		1.00	43.00	122.00
			1212109	478.50	479.33	0.83	0.02		0.50	18.00	115.00
			1212111	479.33	480.67	1.34	0.01		0.50	13.00	44.00
			1212112	480.67	481.33	0.66	0.00		0.50	10.00	32.00
			1212113	481.33	482.14	0.81	0.01		0.50	12.00	38.00
			1212114	482.14	483.25	1.11	0.02		0.50	13.00	40.00
			1212115	483.25	484.50	1.25	0.02		0.50	18.00	42.00
			1212116	483.25	484.50	1.25	0.02		0.50	17.00	47.00
			1212117	484.50	485.68	1.18	0.30		27.00	49.00	80.00
			1212118	485.68	486.68	1.00	0.16		20.00	45.00	88.00
			1212119	486.68	487.94	1.26	0.03		0.50	37.00	54.00
			1212121	487.94	489.00	1.06	0.04		0.50	34.00	106.00
			1212122	489.00	490.03	1.03	0.02		0.50	45.00	66.00
			1212123	490.03	491.53	1.50	0.02		0.50	32.00	64.00
			1212124	491.53	492.53	1.00	0.03		1.00	28.00	56.00
			1212125	492.53	493.86	1.33	0.05		2.00	36.00	142.00
			1212126	493.86	495.36	1.50	0.01		0.50	22.00	33.00
			1212127	495.36	496.86	1.50	0.01		0.50	17.00	38.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1212072	402.44	403.94	1.3710		0.5000	35.0000	87.0000
1212073	403.94	404.94	0.0290		0.5000	32.0000	58.0000
1212074	404.94	405.94	0.0200		0.5000	27.0000	30.0000
1212075	405.94	406.94	0.0560		0.5000	30.0000	82.0000
1212077	406.94	407.94	0.0250		0.5000	36.0000	76.0000
1212078	407.94	408.94	0.0230		0.5000	48.0000	48.0000
1212079	408.94	409.94	0.0140		0.5000	41.0000	45.0000
1212081	409.94	410.94	0.0220		0.5000	63.0000	185.0000
1212082	410.94	411.83	0.0210		0.5000	26.0000	38.0000
1212083	411.83	413.33	0.0290		0.5000	30.0000	74.0000
1212084	413.33	414.83	0.0140		0.5000	26.0000	71.0000
1212085	414.83	416.05	0.2870		0.5000	56.0000	145.0000



Hole Number: TL11163

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1212086	416.05	417.05	0.0230		0.5000	26.0000	135.0000
1212087	417.05	418.05	0.0110		0.5000	17.0000	78.0000
1212088	418.05	419.05	0.0130		0.5000	14.0000	38.0000
1212089	419.05	420.05	0.0110		0.5000	14.0000	41.0000
1212091	420.05	421.05	0.0140		0.5000	93.0000	86.0000
1212092	421.05	421.86	0.0130		0.5000	10.0000	22.0000
1212093	421.86	422.86	0.0120		0.5000	11.0000	24.0000
1212094	422.86	423.86	0.0110		0.5000	11.0000	26.0000
1212095	423.86	425.36	0.0160		0.5000	22.0000	59.0000
1212097	425.36	426.86	0.0160		0.5000	16.0000	58.0000
1212098	426.86	428.36	0.0140		0.5000	19.0000	62.0000
1212099	428.36	429.86	0.0210		0.5000	39.0000	86.0000
1212101	429.86	430.82	0.0340		0.5000	33.0000	147.0000
1006555	430.82	432.32	0.0330		0.5000	15.0000	45.0000
1006556	432.32	433.82	0.0250		0.5000	16.0000	38.0000
1006557	433.82	435.12	0.0880		0.5000	42.0000	195.0000
1006558	435.12	436.62	0.0220		0.5000	34.0000	12.0000
1006559	436.62	437.62	0.0560		0.5000	19.0000	35.0000
1006561	437.62	438.62	0.0310		0.5000	22.0000	35.0000
1006562	438.62	439.62	0.0190		0.5000	18.0000	18.0000
1006563	439.62	441.00	0.0190		0.5000	32.0000	47.0000
1006564	441.00	442.47	0.0290		0.5000	45.0000	136.0000
1006565	442.47	444.00	0.0170		0.5000	174.0000	267.0000
1006567	444.00	445.50	0.0250		0.5000	45.0000	62.0000
1006568	445.50	447.00	0.0750		0.5000	33.0000	50.0000
1006569	447.00	448.50	0.0190		0.5000	49.0000	46.0000
1006571	448.50	449.50	0.0320		0.5000	195.0000	142.0000
1006572	449.50	450.54	0.0450		0.5000	21.0000	37.0000
1006573	450.54	451.54	0.0950		1.0000	162.0000	311.0000
1006574	451.54	452.54	2.2300		58.0000	4584.0000	8642.0000
1006575	452.54	453.54	0.0320		0.5000	137.0000	238.0000
1006576	453.54	454.54	0.0170		0.5000	33.0000	51.0000
1006577	454.54	455.54	0.0330		0.5000	56.0000	412.0000
1006578	455.54	456.54	0.3320		0.5000	54.0000	125.0000
1006579	456.54	457.54	0.4770		0.5000	73.0000	205.0000
1006581	457.54	458.54	1.4910		1.0000	254.0000	486.0000
1006582	458.54	459.54	0.2560		0.5000	125.0000	119.0000
1006583	459.54	460.54	0.8800		4.0000	142.0000	1191.0000
1006584	460.54	461.54	1.5820		0.5000	51.0000	138.0000

Hole Number: TL11163

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006585	461.54	462.54	0.2790		1.0000	87.0000	168.0000
1006587	462.54	463.54	2.7840		0.5000	51.0000	69.0000
1006588	463.54	464.54	1.5870		0.5000	80.0000	126.0000
1006589	464.54	465.54	2.9700		2.0000	133.0000	262.0000
1006591	465.54	466.23	6.6260	3.1630	0.5000	128.0000	208.0000
1006592	466.54	467.23	0.3000		0.5000	50.0000	118.0000
1006593	467.23	468.00	0.0770		0.5000	22.0000	45.0000
1006594	468.00	469.00	0.1180		0.5000	20.0000	63.0000
1006595	469.00	470.00	0.5380		2.0000	128.0000	1502.0000
1212102	470.00	471.50	0.0180		1.0000	43.0000	91.0000
1212103	471.50	473.00	0.0150		2.0000	44.0000	94.0000
1212104	473.00	474.50	0.0200		1.0000	41.0000	77.0000
1212105	474.50	475.52	0.0250		1.0000	41.0000	84.0000
1212106	475.52	476.26	2.5270		9.0000	156.0000	166.0000
1212107	476.26	477.00	0.3900		8.0000	485.0000	1483.0000
1212108	477.00	478.50	0.0300		1.0000	43.0000	122.0000
1212109	478.50	479.33	0.0150		0.5000	18.0000	115.0000
1212111	479.33	480.67	0.0050		0.5000	13.0000	44.0000
1212112	480.67	481.33	0.0040		0.5000	10.0000	32.0000
1212113	481.33	482.14	0.0110		0.5000	12.0000	38.0000
1212114	482.14	483.25	0.0170		0.5000	13.0000	40.0000
1212115	483.25	484.50	0.0180		0.5000	18.0000	42.0000
1212117	484.50	485.68	0.3030		27.0000	49.0000	80.0000
1212118	485.68	486.68	0.1640		20.0000	45.0000	88.0000
1212119	486.68	487.94	0.0280		0.5000	37.0000	54.0000
1212121	487.94	489.00	0.0440		0.5000	34.0000	106.0000
1212122	489.00	490.03	0.0200		0.5000	45.0000	66.0000
1212123	490.03	491.53	0.0190		0.5000	32.0000	64.0000
1212124	491.53	492.53	0.0270		1.0000	28.0000	56.0000
1212125	492.53	493.86	0.0530		2.0000	36.0000	142.0000
1212126	493.86	495.36	0.0130		0.5000	22.0000	33.0000
1212127	495.36	496.86	0.0060		0.5000	17.0000	38.0000
Sample Type	CDUP						
1212076	405.94	406.94	0.0470		0.5000	29.0000	126.0000
1212096	423.86	425.36	0.0210		0.5000	14.0000	60.0000
1006566	442.47	444.00	0.0150		0.5000	227.0000	403.0000
1006586	461.54	462.54	0.2700		0.5000	87.0000	158.0000
1212116	483.25	484.50	0.0180		0.5000	17.0000	47.0000

# DETAILED LOG

Hole Number: TL11164

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511770.00	North:	Collar Az: 315.00
Location: Zealand Township	East: 528325.00	East:	Length: 510.00
	Elev: 393.00	Elev:	Start Depth: 0.00
Date Started: May 02, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Nov 11, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 510.00

Comments: Logged main-zone 397.4-441.91m. Pictured boxes 91-106.  
 c-zone 469.63-501.65m  
 Re-logged by fknight on 9 Nov. 2011.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	
0.00	315.00	-65.00	EZ Sho	OK	No temp recorded	21.00	316.40	-63.60	EZ Sho	OK		
54.00	317.00	-63.50	EZ Sho	OK		102.00	320.20	-61.90	EZ Sho	OK		
150.00	320.60	-61.20	EZ Sho	OK		201.00	322.60	-60.10	EZ Sho	OK		
252.00	322.20	-59.00	EZ Sho	OK		300.00	324.00	-58.10	EZ Sho	OK		
351.00	325.20	-56.60	EZ Sho	OK		414.00	327.40	-54.60	EZ Sho	OK		
450.00	327.50	-53.80	EZ Sho	OK		501.00	329.70	-51.30	EZ Sho	OK		
510.00	329.60	-51.10	EZ Sho	OK								

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	12.00	OB, Overburden									
12.00	44.00	MSED, Metasediment									
44.00	83.00	BS, Biotite Schist									
83.00	346.63	BMS, Biotite Muscovite Schist	1212128	345.13	346.63	1.50	0.02		0.50	26.00	88.00

## DETAILED LOG

Hole Number: TL11164

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
346.63	366.00	MSS, Muscovite Sericite Schist	1212129	346.63	347.63	1.00	0.03		0.50	25.00	61.00
			1212131	347.63	348.63	1.00	0.01		0.50	20.00	11.00
			1212132	348.63	349.46	0.83	0.01		0.50	28.00	50.00
			1212133	349.46	350.46	1.00	0.04		1.00	29.00	87.00
			1212134	350.46	351.46	1.00	0.01		0.50	14.00	53.00
			1212136	351.46	352.46	1.00	0.00		0.50	16.00	125.00
			1212135	351.46	352.46	1.00	0.00		0.50	15.00	139.00
			1212137	352.46	353.46	1.00	0.01		0.50	14.00	34.00
			1212138	353.46	354.46	1.00	0.01		0.50	20.00	235.00
			1212139	354.46	355.46	1.00	0.00		0.50	30.00	180.00
			1212141	355.46	356.46	1.00	0.01		1.00	21.00	276.00
			1212142	356.46	357.46	1.00	0.01		1.00	21.00	353.00
			1212143	357.46	358.30	0.84	0.01		0.50	57.00	333.00
			1212144	358.30	359.35	1.05	0.01		0.50	29.00	74.00
			1212145	359.35	360.35	1.00	0.00		1.00	26.00	23.00
			1212146	360.35	361.35	1.00	0.01		0.50	16.00	29.00
			1212147	361.35	362.35	1.00	0.00		0.50	12.00	25.00
			1212148	362.35	363.35	1.00	0.01		0.50	13.00	22.00
			1212149	363.35	364.35	1.00	0.00		0.50	12.00	15.00
			1212151	364.35	365.35	1.00	0.00		0.50	24.00	22.00
1212152	365.35	366.00	0.65	0.00		0.50	14.00	20.00			
366.00	397.40	BMS, Biotite Muscovite Schist	1212153	366.00	367.50	1.50	0.00		0.50	10.00	50.00
			1212154	367.50	369.00	1.50	0.00		0.50	20.00	54.00
			1212156	369.00	370.50	1.50	0.00		0.50	32.00	59.00
			1212155	369.00	370.50	1.50	0.00		0.50	34.00	58.00
			1212157	370.50	372.00	1.50	0.04		0.50	356.00	640.00
			1212158	372.00	373.50	1.50	0.03		1.00	47.00	158.00
			1212159	373.50	375.00	1.50	0.02		0.50	27.00	48.00
			1212161	375.00	376.50	1.50	0.02		0.50	22.00	31.00
			1212162	376.50	378.00	1.50	0.03		1.00	26.00	72.00
			1212163	378.00	379.50	1.50	0.01		0.50	23.00	31.00
			1004218	395.91	397.40	1.49	0.56		0.50	73.00	382.00

## DETAILED LOG

Hole Number: TL11164

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
397.40	425.29	MSS, Muscovite Sericite Schist	1004219	397.40	398.66	1.26	2.18		0.50	81.00	261.00
		MSS main zone. Five fault zones identified, a couple of them were measured at 50 deg TCA crosscutting foliation. Uncommon qtz veins, most parallel to foliation with a couple at 30 deg TCA. Group of ch bands at 418.43-418.79m. Poorly mineralized with 4-5% py and trace sph.	1004221	398.66	400.00	1.34	0.71		0.50	100.00	252.00
			1004222	400.00	401.00	1.00	0.90		1.00	189.00	233.00
			1004223	401.00	402.00	1.00	1.36		10.00	526.00	1876.00
			1004224	402.00	403.00	1.00	0.61		0.50	62.00	226.00
			1004225	403.00	404.00	1.00	0.46		0.50	71.00	254.00
			1004226	403.00	404.00	1.00	0.25		0.50	52.00	209.00
			1004227	404.00	405.00	1.00	0.19		0.50	86.00	133.00
			1004228	405.00	406.00	1.00	6.59	5.63	34.00	260.00	627.00
			1004229	406.00	407.00	1.00	12.77	65.53	11.00	582.00	521.00
			1004231	407.00	408.00	1.00	3.27		8.00	557.00	1086.00
			1004232	408.00	409.00	1.00	1.78		8.00	418.00	390.00
			1004233	409.00	410.00	1.00	0.53		0.50	109.00	105.00
			1004234	410.00	411.00	1.00	0.58		3.00	315.00	673.00
			1004235	411.00	412.00	1.00	0.44		0.50	110.00	225.00
			1004236	412.00	413.00	1.00	0.53		0.50	112.00	484.00
			1004237	413.00	414.00	1.00	1.04		0.50	73.00	163.00
			1004238	414.00	415.05	1.05	0.39		0.50	46.00	38.00
			1004239	415.05	416.10	1.05	0.27		8.00	263.00	495.00
			1004241	416.10	417.10	1.00	0.14		4.00	119.00	167.00
			1004242	417.10	418.10	1.00	0.06		1.00	45.00	67.00
			1004243	418.10	419.10	1.00	0.82		23.00	47.00	206.00
			1004244	419.10	420.19	1.09	0.01		0.50	20.00	25.00
			1004246	420.19	421.40	1.21	0.01		0.50	11.00	31.00
			1004245	420.19	421.40	1.21	0.01		0.50	13.00	34.00
			1004247	421.40	422.40	1.00	0.01		0.50	14.00	21.00
			1004248	422.40	423.40	1.00	0.09		0.50	13.00	20.00
			1004249	423.40	424.40	1.00	0.01		0.50	18.00	30.00
			1004251	424.40	425.29	0.89	0.01		0.50	16.00	19.00
425.29	428.18	MD, Mafic Dyke	1004252	425.29	426.79	1.50	0.01		0.50	38.00	79.00
		Large mafic dyke. 4-5% diss py.	1004253	426.79	428.18	1.39	0.01		0.50	36.00	57.00

## DETAILED LOG

Hole Number: TL11164

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
428.18	441.91	MSS, Muscovite Sericite Schist Continuation of MSS main zone. One micor-fault and one F2 fold present. Qtz vein set present semi-parallel to foliation as well as a qtz blebs grouped as veins parallel to foliation. Qtz vein set at 30 deg TCA present as well. 2-3% diss py as well as trace asp and sph.	1004254	428.18	429.18	1.00	0.20		4.00	22.00	59.00
			1004255	429.18	430.18	1.00	0.08		1.00	25.00	35.00
			1004256	430.18	431.18	1.00	0.18		4.00	36.00	202.00
			1004257	431.18	432.18	1.00	0.07		0.50	58.00	261.00
			1004258	432.18	433.16	0.98	0.07		0.50	28.00	97.00
			1004259	433.16	434.18	1.02	0.15		7.00	41.00	197.00
			1004261	434.18	435.25	1.07	0.24		15.00	87.00	241.00
			1004262	435.25	436.70	1.45	0.03		0.50	27.00	30.00
			1004263	436.70	437.82	1.12	0.01		0.50	56.00	68.00
			1004264	437.82	438.82	1.00	0.01		0.50	66.00	180.00
			1004265	438.82	439.80	0.98	0.01		0.50	18.00	3.00
			1004266	438.82	439.80	0.98	0.01		0.50	19.00	8.00
			1004267	439.80	440.80	1.00	0.01		0.50	34.00	44.00
			1004268	440.80	441.91	1.11	0.01		0.50	21.00	18.00
441.91	469.63	BMS, Biotite Muscovite Schist	1004269	441.91	443.41	1.50	0.02		0.50	18.00	20.00
			1004271	443.41	444.91	1.50	0.01		0.50	16.00	19.00
			1212164	444.91	446.60	1.69	0.00		0.50	17.00	41.00
			1212165	446.60	448.10	1.50	0.02		3.00	16.00	66.00
			1212166	448.10	449.60	1.50	0.03		2.00	42.00	85.00
			1212167	449.60	450.60	1.00	0.07		5.00	67.00	188.00
			1212168	450.60	451.60	1.00	0.01		0.50	21.00	55.00
			1212169	451.60	452.60	1.00	0.02		0.50	16.00	52.00
			1212171	452.60	453.60	1.00	0.00		0.50	15.00	59.00
			1212172	453.60	454.60	1.00	0.00		0.50	16.00	49.00
			1212173	454.60	455.60	1.00	0.00		1.00	27.00	53.00
			1212174	455.60	456.60	1.00	0.04		0.50	39.00	233.00
			1212175	456.60	457.13	0.53	0.02		3.00	39.00	56.00
			1212176	456.60	457.13	0.53	0.03		2.00	48.00	56.00
			1212177	457.13	458.63	1.50	0.00		0.50	18.00	41.00
1212178	468.13	469.63	1.50	0.04		0.50	27.00	63.00			

# DETAILED LOG

Hole Number: TL11164

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
469.63	501.65	MSS, Muscovite Sericite Schist	1212179	469.63	470.70	1.07	0.04		0.50	50.00	459.00
			1212181	470.70	471.70	1.00	0.41		6.00	84.00	290.00
			1212182	471.70	472.70	1.00	0.04		0.50	52.00	38.00
			1212183	472.70	473.70	1.00	0.01		2.00	32.00	46.00
			1212184	473.70	474.70	1.00	0.04		0.50	21.00	43.00
			1212185	474.70	475.70	1.00	0.02		0.50	38.00	58.00
			1212186	475.70	476.70	1.00	0.12		1.00	38.00	67.00
			1212187	476.70	477.70	1.00	0.08		3.00	27.00	79.00
			1212188	477.70	478.70	1.00	0.02		2.00	30.00	47.00
			1212189	478.70	479.70	1.00	0.10		0.50	34.00	45.00
			1212191	479.70	480.96	1.26	0.04		0.50	63.00	61.00
			1212192	480.96	481.78	0.82	1.26		0.50	107.00	1004.00
			1212193	481.78	483.15	1.37	0.13		4.00	51.00	145.00
			1212194	483.15	484.05	0.90	0.12		0.50	30.00	336.00
			1212196	484.05	484.60	0.55	0.17		0.50	39.00	104.00
			1212195	484.05	484.60	0.55	0.16		0.50	36.00	113.00
			1212197	484.60	485.40	0.80	0.04		0.50	46.00	158.00
			1212198	485.40	486.40	1.00	0.11		0.50	277.00	906.00
			1212199	486.40	487.40	1.00	0.07		0.50	29.00	86.00
			1212201	487.40	488.40	1.00	0.11		0.50	37.00	617.00
			1212202	488.40	489.40	1.00	0.15		0.50	51.00	464.00
			1212203	489.40	490.40	1.00	0.52		1.00	77.00	406.00
			1212204	490.40	491.40	1.00	0.05		0.50	41.00	422.00
			1212205	491.40	492.40	1.00	0.03		0.50	37.00	85.00
			1212206	492.40	493.40	1.00	0.04		0.50	100.00	196.00
			1212207	493.40	494.40	1.00	0.06		0.50	43.00	134.00
			1212208	494.40	495.40	1.00	0.03		0.50	73.00	105.00
1212209	495.40	496.10	0.70	0.04		0.50	24.00	71.00			
1212211	496.10	496.75	0.65	0.12		0.50	39.00	58.00			
1212212	496.75	497.75	1.00	0.07		0.50	26.00	154.00			
1212213	497.75	498.75	1.00	0.08		0.50	35.00	70.00			
1212214	498.75	499.75	1.00	0.11		0.50	45.00	221.00			
1212215	499.75	500.65	0.90	0.04		0.50	38.00	128.00			
1212216	499.75	500.65	0.90	0.04		0.50	38.00	97.00			
1212217	500.65	501.65	1.00	0.74		2.00	146.00	865.00			
501.65	510.00	BMS, Biotite Muscovite Schist	1212218	501.65	503.15	1.50	0.13		0.50	30.00	79.00
			1212219	503.15	504.65	1.50	0.04		0.50	21.00	83.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type ASSAY							
1212128	345.13	346.63	0.0180		0.5000	26.0000	88.0000

Hole Number: TL11164

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1212129	346.63	347.63	0.0340		0.5000	25.0000	61.0000
1212131	347.63	348.63	0.0110		0.5000	20.0000	11.0000
1212132	348.63	349.46	0.0080		0.5000	28.0000	50.0000
1212133	349.46	350.46	0.0390		1.0000	29.0000	87.0000
1212134	350.46	351.46	0.0050		0.5000	14.0000	53.0000
1212135	351.46	352.46	0.0030		0.5000	15.0000	139.0000
1212137	352.46	353.46	0.0070		0.5000	14.0000	34.0000
1212138	353.46	354.46	0.0060		0.5000	20.0000	235.0000
1212139	354.46	355.46	0.0010		0.5000	30.0000	180.0000
1212141	355.46	356.46	0.0120		1.0000	21.0000	276.0000
1212142	356.46	357.46	0.0050		1.0000	21.0000	353.0000
1212143	357.46	358.30	0.0120		0.5000	57.0000	333.0000
1212144	358.30	359.35	0.0090		0.5000	29.0000	74.0000
1212145	359.35	360.35	0.0005		1.0000	26.0000	23.0000
1212146	360.35	361.35	0.0070		0.5000	16.0000	29.0000
1212147	361.35	362.35	0.0005		0.5000	12.0000	25.0000
1212148	362.35	363.35	0.0100		0.5000	13.0000	22.0000
1212149	363.35	364.35	0.0005		0.5000	12.0000	15.0000
1212151	364.35	365.35	0.0005		0.5000	24.0000	22.0000
1212152	365.35	366.00	0.0020		0.5000	14.0000	20.0000
1212153	366.00	367.50	0.0020		0.5000	10.0000	50.0000
1212154	367.50	369.00	0.0040		0.5000	20.0000	54.0000
1212155	369.00	370.50	0.0030		0.5000	34.0000	58.0000
1212157	370.50	372.00	0.0370		0.5000	356.0000	640.0000
1212158	372.00	373.50	0.0260		1.0000	47.0000	158.0000
1212159	373.50	375.00	0.0150		0.5000	27.0000	48.0000
1212161	375.00	376.50	0.0160		0.5000	22.0000	31.0000
1212162	376.50	378.00	0.0300		1.0000	26.0000	72.0000
1212163	378.00	379.50	0.0090		0.5000	23.0000	31.0000
1004218	395.91	397.40	0.5590		0.5000	73.0000	382.0000
1004219	397.40	398.66	2.1790		0.5000	81.0000	261.0000
1004221	398.66	400.00	0.7110		0.5000	100.0000	252.0000
1004222	400.00	401.00	0.8980		1.0000	189.0000	233.0000
1004223	401.00	402.00	1.3630		10.0000	526.0000	1876.0000
1004224	402.00	403.00	0.6080		0.5000	62.0000	226.0000
1004225	403.00	404.00	0.4550		0.5000	71.0000	254.0000
1004227	404.00	405.00	0.1940		0.5000	86.0000	133.0000
1004228	405.00	406.00	6.5940	5.6290	34.0000	260.0000	627.0000
1004229	406.00	407.00	12.7740	65.5270	11.0000	582.0000	521.0000



Hole Number: TL11164

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004231	407.00	408.00	3.2650		8.0000	557.0000	1086.0000
1004232	408.00	409.00	1.7840		8.0000	418.0000	390.0000
1004233	409.00	410.00	0.5320		0.5000	109.0000	105.0000
1004234	410.00	411.00	0.5800		3.0000	315.0000	673.0000
1004235	411.00	412.00	0.4400		0.5000	110.0000	225.0000
1004236	412.00	413.00	0.5260		0.5000	112.0000	484.0000
1004237	413.00	414.00	1.0430		0.5000	73.0000	163.0000
1004238	414.00	415.05	0.3900		0.5000	46.0000	38.0000
1004239	415.05	416.10	0.2710		8.0000	263.0000	495.0000
1004241	416.10	417.10	0.1400		4.0000	119.0000	167.0000
1004242	417.10	418.10	0.0630		1.0000	45.0000	67.0000
1004243	418.10	419.10	0.8170		23.0000	47.0000	206.0000
1004244	419.10	420.19	0.0060		0.5000	20.0000	25.0000
1004245	420.19	421.40	0.0110		0.5000	13.0000	34.0000
1004247	421.40	422.40	0.0070		0.5000	14.0000	21.0000
1004248	422.40	423.40	0.0880		0.5000	13.0000	20.0000
1004249	423.40	424.40	0.0060		0.5000	18.0000	30.0000
1004251	424.40	425.29	0.0060		0.5000	16.0000	19.0000
1004252	425.29	426.79	0.0110		0.5000	38.0000	79.0000
1004253	426.79	428.18	0.0110		0.5000	36.0000	57.0000
1004254	428.18	429.18	0.1990		4.0000	22.0000	59.0000
1004255	429.18	430.18	0.0760		1.0000	25.0000	35.0000
1004256	430.18	431.18	0.1820		4.0000	36.0000	202.0000
1004257	431.18	432.18	0.0690		0.5000	58.0000	261.0000
1004258	432.18	433.16	0.0730		0.5000	28.0000	97.0000
1004259	433.16	434.18	0.1460		7.0000	41.0000	197.0000
1004261	434.18	435.25	0.2420		15.0000	87.0000	241.0000
1004262	435.25	436.70	0.0270		0.5000	27.0000	30.0000
1004263	436.70	437.82	0.0080		0.5000	56.0000	68.0000
1004264	437.82	438.82	0.0080		0.5000	66.0000	180.0000
1004265	438.82	439.80	0.0060		0.5000	18.0000	3.0000
1004267	439.80	440.80	0.0140		0.5000	34.0000	44.0000
1004268	440.80	441.91	0.0120		0.5000	21.0000	18.0000
1004269	441.91	443.41	0.0180		0.5000	18.0000	20.0000
1004271	443.41	444.91	0.0120		0.5000	16.0000	19.0000
1212164	444.91	446.60	0.0020		0.5000	17.0000	41.0000
1212165	446.60	448.10	0.0160		3.0000	16.0000	66.0000
1212166	448.10	449.60	0.0250		2.0000	42.0000	85.0000
1212167	449.60	450.60	0.0680		5.0000	67.0000	188.0000

Hole Number: TL11164

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1212168	450.60	451.60	0.0060		0.5000	21.0000	55.0000
1212169	451.60	452.60	0.0210		0.5000	16.0000	52.0000
1212171	452.60	453.60	0.0005		0.5000	15.0000	59.0000
1212172	453.60	454.60	0.0005		0.5000	16.0000	49.0000
1212173	454.60	455.60	0.0020		1.0000	27.0000	53.0000
1212174	455.60	456.60	0.0410		0.5000	39.0000	233.0000
1212175	456.60	457.13	0.0230		3.0000	39.0000	56.0000
1212177	457.13	458.63	0.0005		0.5000	18.0000	41.0000
1212178	468.13	469.63	0.0390		0.5000	27.0000	63.0000
1212179	469.63	470.70	0.0440		0.5000	50.0000	459.0000
1212181	470.70	471.70	0.4060		6.0000	84.0000	290.0000
1212182	471.70	472.70	0.0350		0.5000	52.0000	38.0000
1212183	472.70	473.70	0.0120		2.0000	32.0000	46.0000
1212184	473.70	474.70	0.0390		0.5000	21.0000	43.0000
1212185	474.70	475.70	0.0200		0.5000	38.0000	58.0000
1212186	475.70	476.70	0.1210		1.0000	38.0000	67.0000
1212187	476.70	477.70	0.0840		3.0000	27.0000	79.0000
1212188	477.70	478.70	0.0200		2.0000	30.0000	47.0000
1212189	478.70	479.70	0.1040		0.5000	34.0000	45.0000
1212191	479.70	480.96	0.0400		0.5000	63.0000	61.0000
1212192	480.96	481.78	1.2570		0.5000	107.0000	1004.0000
1212193	481.78	483.15	0.1270		4.0000	51.0000	145.0000
1212194	483.15	484.05	0.1240		0.5000	30.0000	336.0000
1212195	484.05	484.60	0.1590		0.5000	36.0000	113.0000
1212197	484.60	485.40	0.0430		0.5000	46.0000	158.0000
1212198	485.40	486.40	0.1080		0.5000	277.0000	906.0000
1212199	486.40	487.40	0.0740		0.5000	29.0000	86.0000
1212201	487.40	488.40	0.1070		0.5000	37.0000	617.0000
1212202	488.40	489.40	0.1540		0.5000	51.0000	464.0000
1212203	489.40	490.40	0.5190		1.0000	77.0000	406.0000
1212204	490.40	491.40	0.0540		0.5000	41.0000	422.0000
1212205	491.40	492.40	0.0290		0.5000	37.0000	85.0000
1212206	492.40	493.40	0.0410		0.5000	100.0000	196.0000
1212207	493.40	494.40	0.0620		0.5000	43.0000	134.0000
1212208	494.40	495.40	0.0320		0.5000	73.0000	105.0000
1212209	495.40	496.10	0.0360		0.5000	24.0000	71.0000
1212211	496.10	496.75	0.1170		0.5000	39.0000	58.0000
1212212	496.75	497.75	0.0670		0.5000	26.0000	154.0000
1212213	497.75	498.75	0.0750		0.5000	35.0000	70.0000

Hole Number: TL11164

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type ASSAY							
1212214	498.75	499.75	0.1060		0.5000	45.0000	221.0000
1212215	499.75	500.65	0.0380		0.5000	38.0000	128.0000
1212217	500.65	501.65	0.7410		2.0000	146.0000	865.0000
1212218	501.65	503.15	0.1250		0.5000	30.0000	79.0000
1212219	503.15	504.65	0.0420		0.5000	21.0000	83.0000
Sample Type CDUP							
1212136	351.46	352.46	0.0020		0.5000	16.0000	125.0000
1212156	369.00	370.50	0.0040		0.5000	32.0000	59.0000
1004226	403.00	404.00	0.2450		0.5000	52.0000	209.0000
1004246	420.19	421.40	0.0070		0.5000	11.0000	31.0000
1004266	438.82	439.80	0.0070		0.5000	19.0000	8.0000
1212176	456.60	457.13	0.0270		2.0000	48.0000	56.0000
1212196	484.05	484.60	0.1650		0.5000	39.0000	104.0000
1212216	499.75	500.65	0.0370		0.5000	38.0000	97.0000

# DETAILED LOG

Hole Number: TL11165

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -51.00
Project Number: TMI-TL	North: 5511740.13	North:	Collar Az: 346.50
Location: Zealand Township	East: 527297.20	East:	Length: 210.00
	Elev: 395.47	Elev:	Start Depth: 0.00
Date Started: May 06, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Nov 11, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 210.00

Comments: Re-logged 11 Nov. 2011 by fknight.  
 MSS zones:  
 3.5-11.72m  
 68.62-72.68m  
 94.62-106.09m  
 144.88-210m

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	346.50	-51.00	EZ Sho	OK		15.00	347.40	-50.60	EZ Sho	OK	
51.00	348.90	-50.30	EZ Sho	OK	No temp recorded	102.00	350.40	-49.10	EZ Sho	OK	No temp recorded
150.00	351.50	-48.10	EZ Sho	OK		207.00	352.50	-45.30	EZ Sho	OK	
210.00	352.50	-45.10	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	3.50	OB, Overburden									
3.50	11.72	MSS, Muscovite Sericite Schist	1212221	4.50	6.00	1.50	0.02		0.50	41.00	58.00
			1212222	6.00	7.00	1.00	0.02		0.50	14.00	29.00
			1212223	7.00	8.00	1.00	0.02		0.50	24.00	37.00
			1212224	8.00	9.00	1.00	0.02		0.50	46.00	30.00
			1212225	9.00	10.00	1.00	0.02		0.50	12.00	28.00
			1212226	10.00	11.00	1.00	0.37		3.00	1717.00	386.00
			1212227	11.00	11.72	0.72	0.02		0.50	64.00	126.00
11.72	68.62	BMS, Biotite Muscovite Schist	1212228	11.72	12.22	0.50	0.02		0.50	24.00	92.00
			1212229	12.22	14.72	2.50	0.10		0.50	78.00	227.00
			1212231	14.72	15.72	1.00	2.40		0.50	73.00	341.00
			1212232	15.72	16.55	0.83	0.11		0.50	35.00	136.00
			1212233	16.55	17.50	0.95	0.01		0.50	9.00	36.00
			1212234	17.50	18.02	0.52	0.04		0.50	29.00	75.00
			1212236	18.02	19.02	1.00	0.12		0.50	62.00	198.00
			1212235	18.02	19.02	1.00	0.08		0.50	64.00	211.00
			1212237	19.02	20.52	1.50	0.15		0.50	44.00	174.00
			1212238	67.12	68.62	1.50	0.20		0.50	9.00	85.00

## DETAILED LOG

Hole Number: TL11165

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
68.62	72.68	MSS, Muscovite Sericite Schist	1212239	68.62	69.62	1.00	5.60		2.00	315.00	1735.00
			1212241	69.62	70.62	1.00	0.47		0.50	290.00	1022.00
			1212242	70.62	71.62	1.00	0.27		0.50	472.00	321.00
			1212243	71.62	72.68	1.06	0.98		0.50	86.00	387.00
72.68	94.62	BMS, Biotite Muscovite Schist	1212244	72.68	74.18	1.50	0.14		0.50	53.00	208.00
			1212245	74.18	75.18	1.00	0.20		0.50	121.00	3738.00
			1212246	75.18	76.68	1.50	0.08		0.50	16.00	171.00
			1212247	76.68	78.00	1.32	0.11		0.50	14.00	112.00
			1212248	78.00	79.50	1.50	0.04		0.50	26.00	185.00
			1212249	79.50	81.00	1.50	0.02		0.50	19.00	89.00
			1212251	81.00	82.50	1.50	0.01		0.50	10.00	62.00
			1212252	82.50	83.25	0.75	0.02		0.50	17.00	116.00
			1212253	83.25	84.75	1.50	0.01		0.50	10.00	62.00
			1006596	93.20	94.62	1.42	0.07		0.50	31.00	57.00
94.62	106.09	MSS, Muscovite Sericite Schist	1006597	94.62	95.64	1.02	0.02		0.50	22.00	44.00
			1006598	95.64	96.55	0.91	0.02		0.50	11.00	32.00
			1006599	96.55	97.54	0.99	0.02		0.50	12.00	48.00
			1006601	97.54	98.56	1.02	0.01		0.50	9.00	45.00
			1006602	98.56	99.43	0.87	0.02		0.50	17.00	59.00
			1006603	99.43	100.43	1.00	0.03		0.50	11.00	63.00
			1006604	100.43	101.57	1.14	0.02		0.50	13.00	56.00
			1006606	101.57	102.66	1.09	0.05		0.50	25.00	64.00
			1006605	101.57	102.66	1.09	0.15		0.50	27.00	59.00
			1006607	102.66	103.59	0.93	0.28		0.50	104.00	248.00
			1006608	103.59	104.61	1.02	0.43		0.50	127.00	427.00
1006609	104.61	106.09	1.48	0.78		1.00	94.00	211.00			

## DETAILED LOG

Hole Number: TL11165

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
106.09	144.88	BMS, Biotite Muscovite Schist	1006611	106.09	107.66	1.57	0.17		5.00	124.00	191.00
		Very atypical BMS in the sense that it has what appears to be old deformed qtz veins or andalusite? throughout. They are brownish in colour and have rounded borders. 4-5% py and 2-3% sph. Trace galena and asp.	1006612	107.66	109.03	1.37	0.23		0.50	30.00	88.00
			1006613	109.03	110.12	1.09	0.06		0.50	37.00	65.00
			1006614	110.12	110.95	0.83	0.03		0.50	80.00	491.00
			1006615	110.95	111.87	0.92	0.02		0.50	20.00	51.00
			1006616	111.87	112.84	0.97	0.01		0.50	40.00	231.00
			1006617	112.84	114.10	1.26	0.30		0.50	237.00	595.00
			1006618	114.10	115.40	1.30	1.64		0.50	227.00	423.00
			1006619	115.40	116.00	0.60	0.77		4.00	2500.00	7218.00
			1006621	116.00	117.00	1.00	0.63		0.50	610.00	1539.00
			1006622	117.00	118.20	1.20	2.77		0.50	408.00	922.00
			1006623	118.20	119.86	1.66	0.59		0.50	965.00	2899.00
			1006624	119.86	121.16	1.30	1.63		0.50	481.00	1226.00
			1006625	121.16	122.40	1.24	0.34		0.50	129.00	259.00
			1006626	121.16	122.40	1.24	0.15		0.50	165.00	248.00
			1006627	122.40	123.18	0.78	0.13		0.50	364.00	712.00
			1006628	123.18	123.87	0.69	0.28		0.50	1160.00	1687.00
			1006629	123.87	124.37	0.50	0.39		0.50	1135.00	2462.00
			1006631	124.37	125.60	1.23	1.54		2.00	2036.00	4499.00
			1006632	125.60	127.00	1.40	0.29		0.50	410.00	876.00
			1006633	127.00	128.07	1.07	0.20		0.50	319.00	1285.00
			1006634	128.07	129.00	0.93	0.64		0.50	72.00	177.00
			1006635	129.00	130.16	1.16	0.31		0.50	98.00	309.00
			1006636	130.16	131.09	0.93	0.37		0.50	103.00	369.00
			1006637	131.09	132.10	1.01	0.60		0.50	301.00	386.00
			1006638	132.10	133.10	1.00	0.55		0.50	75.00	97.00
			1006639	133.10	134.06	0.96	0.31		0.50	43.00	83.00
			1006641	134.06	135.31	1.25	0.13		0.50	74.00	116.00
			1006642	135.31	136.37	1.06	0.06		0.50	100.00	160.00
			1006643	136.37	137.62	1.25	0.11		0.50	88.00	111.00
			1006644	137.62	138.40	0.78	0.13		0.50	40.00	63.00
			1006645	138.40	140.00	1.60	0.25		0.50	33.00	81.00
			1006646	138.40	140.00	1.60	0.17		0.50	60.00	119.00
			1006647	140.00	141.00	1.00	0.16		0.50	92.00	154.00
			1006648	141.00	142.30	1.30	0.53		0.50	79.00	63.00
			1006649	142.30	143.68	1.38	0.39		0.50	43.00	64.00
			1006651	143.68	144.88	1.20	0.30		0.50	36.00	64.00

DETAILED LOG

Hole Number: TL11165

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
144.88	210.00	MSS, Muscovite Sericite Schist F2 folds at 187.24, 189.09, and 207.88 m. Abundant qtz veins throughout interval at orientations of 65 and 30-40 deg TCA. Uncommon ch bands.	1006652	144.88	145.58	0.70	0.21		0.50	842.00	1081.00
			1006653	145.58	146.58	1.00	0.18		0.50	59.00	93.00
			1006654	146.58	147.85	1.27	0.09		0.50	177.00	563.00
			1006655	147.85	148.85	1.00	0.03		0.50	25.00	34.00
			1006656	148.85	149.86	1.01	0.06		0.50	275.00	1035.00
			1006657	149.86	151.41	1.55	0.10		0.50	375.00	659.00
			1006658	151.41	152.45	1.04	0.05		0.50	77.00	90.00
			1006659	152.45	153.62	1.17	0.13		0.50	68.00	284.00
			1006661	153.62	155.03	1.41	0.14		0.50	205.00	920.00
			1006662	155.03	155.79	0.76	0.10		0.50	126.00	86.00
			1006663	155.79	156.55	0.76	0.06		0.50	194.00	204.00
			1006664	156.55	157.55	1.00	0.16		0.50	105.00	183.00
			1006665	157.55	158.47	0.92	0.18		0.50	367.00	2188.00
			1006666	157.55	158.47	0.92	0.23		0.50	486.00	2599.00
			1006667	158.47	159.59	1.12	0.44		0.50	230.00	547.00
			1006668	159.59	160.49	0.90	0.06		0.50	23.00	51.00
			1006669	160.49	161.46	0.97	0.47		0.50	19.00	36.00
			1006671	161.46	162.46	1.00	0.76		3.00	160.00	279.00
			1006672	162.46	163.46	1.00	0.10		0.50	131.00	327.00
			1006673	163.46	164.46	1.00	0.35		0.50	158.00	337.00
			1006674	164.46	165.46	1.00	0.12		0.50	20.00	211.00
			1006675	165.46	166.44	0.98	0.06		0.50	15.00	36.00
			1006676	166.44	167.50	1.06	0.09		0.50	18.00	33.00
			1006677	167.50	168.50	1.00	0.07		0.50	111.00	386.00
			1006678	168.50	169.35	0.85	0.08		0.50	115.00	494.00
			1006679	169.35	170.32	0.97	0.12		0.50	115.00	475.00
			1006681	170.32	171.32	1.00	0.16		0.50	75.00	139.00
			1006682	171.32	172.32	1.00	0.15		0.50	40.00	141.00
			1006683	172.32	173.24	0.92	0.08		0.50	35.00	194.00
			1006684	173.24	174.18	0.94	0.06		0.50	22.00	34.00
		1006685	174.18	175.18	1.00	0.07		0.50	26.00	35.00	
		1006686	174.18	175.18	1.00	0.06		0.50	26.00	34.00	
		1006687	175.18	176.24	1.06	0.07		0.50	220.00	42.00	
		1006688	176.24	177.24	1.00	0.06		0.50	249.00	368.00	
		1006689	177.24	178.74	1.50	0.09		0.50	13.00	35.00	
		1006691	178.74	180.24	1.50	0.62		0.50	21.00	59.00	
		1006692	180.24	181.74	1.50	0.09		0.50	12.00	33.00	
		1006693	181.74	183.18	1.44	0.02		0.50	12.00	45.00	
		1006694	183.18	184.68	1.50	0.03		0.50	19.00	215.00	
		1006695	184.68	186.18	1.50	0.05		0.50	14.00	42.00	
		1006696	186.18	187.68	1.50	0.01		0.50	11.00	34.00	
		1006697	187.68	189.18	1.50	0.02		0.50	281.00	292.00	
		1006698	189.18	190.74	1.56	0.02		0.50	30.00	191.00	

# DETAILED LOG

Hole Number: TL11165

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1006699	190.74	192.25	1.51	0.06		0.50	19.00	46.00
			1006701	192.25	193.75	1.50	0.04		0.50	138.00	480.00
			1006702	193.75	195.20	1.45	0.08		0.50	20.00	38.00
			1006703	195.20	196.70	1.50	0.02		0.50	31.00	132.00
			1006704	196.70	197.74	1.04	0.01		0.50	33.00	55.00
			1006706	197.74	198.75	1.01	0.02		0.50	33.00	946.00
			1006705	197.74	198.75	1.01	0.11		0.50	32.00	852.00
			1006707	198.75	199.77	1.02	0.02		0.50	37.00	48.00
			1006708	199.77	201.23	1.46	0.39		0.50	53.00	251.00
			1006709	201.23	202.73	1.50	0.42		0.50	201.00	509.00
			1006711	202.73	203.53	0.80	0.26		0.50	22.00	30.00
			1006712	203.53	204.58	1.05	0.06		0.50	16.00	31.00
			1006713	204.58	205.67	1.09	0.05		0.50	18.00	51.00
			1006714	205.67	207.22	1.55	0.03		0.50	14.00	32.00
			1006715	207.22	208.14	0.92	0.02		0.50	13.00	28.00
			1006716	208.14	208.95	0.81	0.04		0.50	24.00	90.00
			1006717	208.95	210.00	1.05	0.26		0.50	22.00	138.00

**Samples**

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1212221	4.50	6.00	0.0210		0.5000	41.0000	58.0000
1212222	6.00	7.00	0.0210		0.5000	14.0000	29.0000
1212223	7.00	8.00	0.0190		0.5000	24.0000	37.0000
1212224	8.00	9.00	0.0170		0.5000	46.0000	30.0000
1212225	9.00	10.00	0.0220		0.5000	12.0000	28.0000
1212226	10.00	11.00	0.3680		3.0000	1717.0000	386.0000
1212227	11.00	11.72	0.0220		0.5000	64.0000	126.0000
1212228	11.72	12.22	0.0220		0.5000	24.0000	92.0000
1212229	12.22	14.72	0.1030		0.5000	78.0000	227.0000
1212231	14.72	15.72	2.4000		0.5000	73.0000	341.0000
1212232	15.72	16.55	0.1070		0.5000	35.0000	136.0000
1212233	16.55	17.50	0.0120		0.5000	9.0000	36.0000
1212234	17.50	18.02	0.0440		0.5000	29.0000	75.0000
1212235	18.02	19.02	0.0810		0.5000	64.0000	211.0000
1212237	19.02	20.52	0.1510		0.5000	44.0000	174.0000
1212238	67.12	68.62	0.1980		0.5000	9.0000	85.0000
1212239	68.62	69.62	5.5960		2.0000	315.0000	1735.0000
1212241	69.62	70.62	0.4690		0.5000	290.0000	1022.0000
1212242	70.62	71.62	0.2710		0.5000	472.0000	321.0000
1212243	71.62	72.68	0.9760		0.5000	86.0000	387.0000



Hole Number: TL11165

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1212244	72.68	74.18	0.1360		0.5000	53.0000	208.0000
1212245	74.18	75.18	0.1990		0.5000	121.0000	3738.0000
1212246	75.18	76.68	0.0840		0.5000	16.0000	171.0000
1212247	76.68	78.00	0.1060		0.5000	14.0000	112.0000
1212248	78.00	79.50	0.0350		0.5000	26.0000	185.0000
1212249	79.50	81.00	0.0160		0.5000	19.0000	89.0000
1212251	81.00	82.50	0.0140		0.5000	10.0000	62.0000
1212252	82.50	83.25	0.0170		0.5000	17.0000	116.0000
1212253	83.25	84.75	0.0130		0.5000	10.0000	62.0000
1006596	93.20	94.62	0.0670		0.5000	31.0000	57.0000
1006597	94.62	95.64	0.0170		0.5000	22.0000	44.0000
1006598	95.64	96.55	0.0150		0.5000	11.0000	32.0000
1006599	96.55	97.54	0.0170		0.5000	12.0000	48.0000
1006601	97.54	98.56	0.0100		0.5000	9.0000	45.0000
1006602	98.56	99.43	0.0160		0.5000	17.0000	59.0000
1006603	99.43	100.43	0.0300		0.5000	11.0000	63.0000
1006604	100.43	101.57	0.0210		0.5000	13.0000	56.0000
1006605	101.57	102.66	0.1500		0.5000	27.0000	59.0000
1006607	102.66	103.59	0.2810		0.5000	104.0000	248.0000
1006608	103.59	104.61	0.4310		0.5000	127.0000	427.0000
1006609	104.61	106.09	0.7770		1.0000	94.0000	211.0000
1006611	106.09	107.66	0.1680		5.0000	124.0000	191.0000
1006612	107.66	109.03	0.2260		0.5000	30.0000	88.0000
1006613	109.03	110.12	0.0580		0.5000	37.0000	65.0000
1006614	110.12	110.95	0.0260		0.5000	80.0000	491.0000
1006615	110.95	111.87	0.0210		0.5000	20.0000	51.0000
1006616	111.87	112.84	0.0130		0.5000	40.0000	231.0000
1006617	112.84	114.10	0.2990		0.5000	237.0000	595.0000
1006618	114.10	115.40	1.6350		0.5000	227.0000	423.0000
1006619	115.40	116.00	0.7680		4.0000	2500.0000	7218.0000
1006621	116.00	117.00	0.6290		0.5000	610.0000	1539.0000
1006622	117.00	118.20	2.7730		0.5000	408.0000	922.0000
1006623	118.20	119.86	0.5890		0.5000	965.0000	2899.0000
1006624	119.86	121.16	1.6300		0.5000	481.0000	1226.0000
1006625	121.16	122.40	0.3360		0.5000	129.0000	259.0000
1006627	122.40	123.18	0.1310		0.5000	364.0000	712.0000
1006628	123.18	123.87	0.2810		0.5000	1160.0000	1687.0000
1006629	123.87	124.37	0.3890		0.5000	1135.0000	2462.0000
1006631	124.37	125.60	1.5400		2.0000	2036.0000	4499.0000

Hole Number: TL11165

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006632	125.60	127.00	0.2870		0.5000	410.0000	876.0000
1006633	127.00	128.07	0.2000		0.5000	319.0000	1285.0000
1006634	128.07	129.00	0.6350		0.5000	72.0000	177.0000
1006635	129.00	130.16	0.3120		0.5000	98.0000	309.0000
1006636	130.16	131.09	0.3680		0.5000	103.0000	369.0000
1006637	131.09	132.10	0.5990		0.5000	301.0000	386.0000
1006638	132.10	133.10	0.5460		0.5000	75.0000	97.0000
1006639	133.10	134.06	0.3110		0.5000	43.0000	83.0000
1006641	134.06	135.31	0.1290		0.5000	74.0000	116.0000
1006642	135.31	136.37	0.0570		0.5000	100.0000	160.0000
1006643	136.37	137.62	0.1060		0.5000	88.0000	111.0000
1006644	137.62	138.40	0.1310		0.5000	40.0000	63.0000
1006645	138.40	140.00	0.2460		0.5000	33.0000	81.0000
1006647	140.00	141.00	0.1640		0.5000	92.0000	154.0000
1006648	141.00	142.30	0.5340		0.5000	79.0000	63.0000
1006649	142.30	143.68	0.3860		0.5000	43.0000	64.0000
1006651	143.68	144.88	0.3010		0.5000	36.0000	64.0000
1006652	144.88	145.58	0.2070		0.5000	842.0000	1081.0000
1006653	145.58	146.58	0.1810		0.5000	59.0000	93.0000
1006654	146.58	147.85	0.0860		0.5000	177.0000	563.0000
1006655	147.85	148.85	0.0310		0.5000	25.0000	34.0000
1006656	148.85	149.86	0.0560		0.5000	275.0000	1035.0000
1006657	149.86	151.41	0.1040		0.5000	375.0000	659.0000
1006658	151.41	152.45	0.0500		0.5000	77.0000	90.0000
1006659	152.45	153.62	0.1340		0.5000	68.0000	284.0000
1006661	153.62	155.03	0.1380		0.5000	205.0000	920.0000
1006662	155.03	155.79	0.1020		0.5000	126.0000	86.0000
1006663	155.79	156.55	0.0590		0.5000	194.0000	204.0000
1006664	156.55	157.55	0.1550		0.5000	105.0000	183.0000
1006665	157.55	158.47	0.1830		0.5000	367.0000	2188.0000
1006667	158.47	159.59	0.4430		0.5000	230.0000	547.0000
1006668	159.59	160.49	0.0580		0.5000	23.0000	51.0000
1006669	160.49	161.46	0.4680		0.5000	19.0000	36.0000
1006671	161.46	162.46	0.7580		3.0000	160.0000	279.0000
1006672	162.46	163.46	0.1030		0.5000	131.0000	327.0000
1006673	163.46	164.46	0.3500		0.5000	158.0000	337.0000
1006674	164.46	165.46	0.1190		0.5000	20.0000	211.0000
1006675	165.46	166.44	0.0570		0.5000	15.0000	36.0000
1006676	166.44	167.50	0.0900		0.5000	18.0000	33.0000

Hole Number: TL11165

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006677	167.50	168.50	0.0710		0.5000	111.0000	386.0000
1006678	168.50	169.35	0.0820		0.5000	115.0000	494.0000
1006679	169.35	170.32	0.1240		0.5000	115.0000	475.0000
1006681	170.32	171.32	0.1640		0.5000	75.0000	139.0000
1006682	171.32	172.32	0.1480		0.5000	40.0000	141.0000
1006683	172.32	173.24	0.0810		0.5000	35.0000	194.0000
1006684	173.24	174.18	0.0630		0.5000	22.0000	34.0000
1006685	174.18	175.18	0.0660		0.5000	26.0000	35.0000
1006687	175.18	176.24	0.0740		0.5000	220.0000	42.0000
1006688	176.24	177.24	0.0600		0.5000	249.0000	368.0000
1006689	177.24	178.74	0.0880		0.5000	13.0000	35.0000
1006691	178.74	180.24	0.6180		0.5000	21.0000	59.0000
1006692	180.24	181.74	0.0940		0.5000	12.0000	33.0000
1006693	181.74	183.18	0.0200		0.5000	12.0000	45.0000
1006694	183.18	184.68	0.0300		0.5000	19.0000	215.0000
1006695	184.68	186.18	0.0480		0.5000	14.0000	42.0000
1006696	186.18	187.68	0.0080		0.5000	11.0000	34.0000
1006697	187.68	189.18	0.0210		0.5000	281.0000	292.0000
1006698	189.18	190.74	0.0230		0.5000	30.0000	191.0000
1006699	190.74	192.25	0.0560		0.5000	19.0000	46.0000
1006701	192.25	193.75	0.0400		0.5000	138.0000	480.0000
1006702	193.75	195.20	0.0750		0.5000	20.0000	38.0000
1006703	195.20	196.70	0.0190		0.5000	31.0000	132.0000
1006704	196.70	197.74	0.0120		0.5000	33.0000	55.0000
1006705	197.74	198.75	0.1080		0.5000	32.0000	852.0000
1006707	198.75	199.77	0.0230		0.5000	37.0000	48.0000
1006708	199.77	201.23	0.3860		0.5000	53.0000	251.0000
1006709	201.23	202.73	0.4170		0.5000	201.0000	509.0000
1006711	202.73	203.53	0.2560		0.5000	22.0000	30.0000
1006712	203.53	204.58	0.0570		0.5000	16.0000	31.0000
1006713	204.58	205.67	0.0480		0.5000	18.0000	51.0000
1006714	205.67	207.22	0.0290		0.5000	14.0000	32.0000
1006715	207.22	208.14	0.0230		0.5000	13.0000	28.0000
1006716	208.14	208.95	0.0400		0.5000	24.0000	90.0000
1006717	208.95	210.00	0.2580		0.5000	22.0000	138.0000
Sample Type	CDUP						
1212236	18.02	19.02	0.1190		0.5000	62.0000	198.0000
1006606	101.57	102.66	0.0490		0.5000	25.0000	64.0000
1006626	121.16	122.40	0.1470		0.5000	165.0000	248.0000

Hole Number: TL11165

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type CDUP							
1006646	138.40	140.00	0.1710		0.5000	60.0000	119.0000
1006666	157.55	158.47	0.2290		0.5000	486.0000	2599.0000
1006686	174.18	175.18	0.0610		0.5000	26.0000	34.0000
1006706	197.74	198.75	0.0240		0.5000	33.0000	946.0000



## DETAILED LOG

Hole Number: TL11166

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
192.42	291.21	BMS, Biotite Muscovite Schist	1212254	237.95	239.45	1.50	0.04		1.00	9.00	87.00
			1212255	239.45	240.00	0.55	4.55		53.00	94.00	46569.00
			1212256	239.45	240.00	0.55	3.85		51.00	57.00	31252.00
			1212257	240.00	240.50	0.50	1.02		8.00	16.00	4403.00
			1212258	240.50	241.50	1.00	0.62		6.00	17.00	2394.00
			1212259	241.50	243.00	1.50	0.09		2.00	9.00	233.00
			1212261	260.78	262.28	1.50	0.53		5.00	9.00	1035.00
			1212262	262.28	263.78	1.50	0.12		2.00	11.00	358.00
			1212263	263.78	264.28	0.50	0.26		5.00	27.00	11109.00
			1212264	264.28	265.78	1.50	0.06		1.00	9.00	436.00
			1212265	289.71	291.21	1.50	0.11		1.00	26.00	206.00
291.21	296.93	MSS, Muscovite Sericite Schist	1212266	291.21	292.37	1.16	0.00		0.50	25.00	119.00
			1212267	292.37	293.09	0.72	0.03		2.00	31.00	139.00
			1212268	293.09	294.38	1.29	0.01		1.00	24.00	94.00
			1212269	294.38	295.22	0.84	0.00		1.00	17.00	98.00
			1212271	295.22	296.22	1.00	0.05		2.00	80.00	91.00
			1212272	296.22	296.93	0.71	0.00		0.50	11.00	25.00
296.93	361.14	BMS, Biotite Muscovite Schist	1212273	296.93	298.43	1.50	0.00		0.50	12.00	69.00
			1212274	359.64	361.14	1.50	0.34		2.00	38.00	173.00
361.14	368.05	MSS, Muscovite Sericite Schist	1212276	361.14	362.14	1.00	0.03		2.00	50.00	89.00
			1212275	361.14	362.14	1.00	0.02		1.00	31.00	82.00
			1212277	362.14	363.14	1.00	0.01		1.00	87.00	163.00
			1212278	363.14	364.14	1.00	0.01		1.00	191.00	249.00
			1212279	364.14	365.14	1.00	0.00		0.50	29.00	91.00
			1212281	365.14	366.14	1.00	0.01		0.50	29.00	229.00
			1212282	366.14	367.14	1.00	0.00		0.50	8.00	37.00
			1212283	367.14	368.05	0.91	0.01		0.50	11.00	53.00
368.05	372.32	BMS, Biotite Muscovite Schist	1212284	368.05	369.55	1.50	0.04		0.50	20.00	102.00
			1212285	369.55	370.82	1.27	0.04		0.50	18.00	62.00
			1004272	370.82	372.32	1.50	0.02		0.50	45.00	85.00

## DETAILED LOG

Hole Number: TL11166

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
372.32	459.87	MSS, Muscovite Sericite Schist	1004273	372.32	373.32	1.00	0.02		0.50	18.00	317.00
		Main MSS zone, strongly sericitized with local F2 folds and qtz veining. General diss py with patches including sph-py-gln stringers.	1004274	373.32	374.20	0.88	0.01		0.50	21.00	239.00
			1004275	374.20	375.20	1.00	0.01		0.50	14.00	265.00
			1004276	375.20	376.20	1.00	0.01		0.50	7.00	202.00
			1004277	376.20	377.70	1.50	0.01		0.50	3.00	237.00
			1004278	377.70	379.20	1.50	0.02		0.50	7.00	247.00
			1004279	379.20	380.70	1.50	0.02		0.50	11.00	210.00
			1004281	380.70	382.20	1.50	0.03		0.50	33.00	262.00
			1004282	382.20	383.70	1.50	0.02		0.50	17.00	297.00
			1004283	383.70	385.03	1.33	0.01		0.50	17.00	287.00
			1004284	385.03	386.03	1.00	0.02		0.50	12.00	348.00
			1004285	386.03	387.00	0.97	0.04		0.50	18.00	271.00
			1004286	386.03	387.00	0.97	0.04		0.50	32.00	264.00
			1004287	387.00	388.00	1.00	0.01		0.50	18.00	251.00
			1004288	388.00	389.00	1.00	0.06		0.50	18.00	254.00
			1004289	389.00	390.00	1.00	0.02		0.50	58.00	307.00
			1004291	390.00	391.03	1.03	0.02		0.50	85.00	406.00
			1004292	391.03	392.36	1.33	0.03		0.50	50.00	672.00
			1004293	392.36	393.48	1.12	0.02		0.50	31.00	275.00
			1004294	393.48	394.48	1.00	0.02		0.50	43.00	283.00
			1004295	394.48	395.48	1.00	0.05		0.50	71.00	332.00
			1004296	395.48	396.48	1.00	0.00		0.50	43.00	318.00
			1004297	396.48	397.48	1.00	0.01		0.50	51.00	237.00
			1004298	397.48	398.48	1.00	0.00		0.50	52.00	245.00
			1004299	398.48	399.48	1.00	0.51		12.00	1952.00	2892.00
			1004301	399.48	400.49	1.01	0.24		4.00	597.00	1068.00
			1004302	400.49	401.50	1.01	0.04		0.50	51.00	296.00
			1004303	401.50	402.50	1.00	0.10		0.50	123.00	409.00
			1004304	402.50	403.50	1.00	0.13		0.50	62.00	594.00
			1004306	403.50	404.50	1.00	0.09		0.50	63.00	381.00
			1004305	403.50	404.50	1.00	0.12		0.50	61.00	466.00
			1004307	404.50	405.50	1.00	0.96		3.00	343.00	865.00
			1004308	405.50	406.50	1.00	0.32		0.50	274.00	531.00
			1004309	406.50	408.00	1.50	0.08		0.50	26.00	270.00
			1004311	408.00	409.50	1.50	0.14		0.50	68.00	157.00
			1004312	409.50	411.00	1.50	0.03		0.50	11.00	51.00
			1004313	411.00	412.50	1.50	0.17		0.50	28.00	96.00
			1004314	412.50	413.50	1.00	0.12		0.50	16.00	385.00
			1004315	413.50	414.00	0.50	0.49		0.50	214.00	329.00
			1004316	414.00	415.00	1.00	0.38		0.50	110.00	368.00
			1004317	415.00	416.00	1.00	0.59		0.50	21.00	54.00
			1004318	416.00	417.00	1.00	0.15		0.50	72.00	106.00
			1004319	417.00	418.02	1.02	0.46		8.00	947.00	1526.00

## DETAILED LOG

Hole Number: TL11166

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1004321	418.02	418.66	0.64	0.39		0.50	47.00	94.00
			1004322	418.66	419.74	1.08	0.90		2.00	186.00	713.00
			1004323	419.74	421.24	1.50	0.14		0.50	35.00	60.00
			1004324	421.24	422.71	1.47	0.24		0.50	35.00	87.00
			1004325	422.71	424.18	1.47	0.87		0.50	41.00	132.00
			1004326	422.71	424.18	1.47	0.28		0.50	46.00	127.00
			1004327	424.18	425.18	1.00	0.60		4.00	49.00	150.00
			1004328	425.18	426.18	1.00	0.19		0.50	27.00	86.00
			1004329	426.18	427.23	1.05	0.08		0.50	17.00	32.00
			1004331	427.23	428.24	1.01	0.13		2.00	48.00	183.00
			1004332	428.24	429.24	1.00	0.23		3.00	26.00	53.00
			1004333	429.24	430.24	1.00	0.02		0.50	10.00	46.00
			1004334	430.24	431.39	1.15	0.03		0.50	10.00	35.00
			1004335	431.39	432.60	1.21	0.14		0.50	12.00	47.00
			1004336	432.60	433.80	1.20	0.02		0.50	22.00	38.00
			1004337	433.80	434.80	1.00	0.39		9.00	70.00	205.00
			1004338	434.80	435.80	1.00	0.43		2.00	34.00	158.00
			1004339	435.80	436.80	1.00	0.14		0.50	29.00	39.00
			1004341	436.80	437.80	1.00	0.11		0.50	54.00	404.00
			1004342	437.80	438.80	1.00	0.22		0.50	44.00	217.00
			1004343	438.80	439.80	1.00	0.04		0.50	28.00	35.00
			1004344	439.80	440.80	1.00	0.02		0.50	12.00	17.00
			1004345	440.80	441.80	1.00	0.01		0.50	12.00	21.00
			1004346	440.80	441.80	1.00	0.01		0.50	8.00	20.00
			1004347	441.80	442.80	1.00	0.02		0.50	17.00	36.00
			1004348	442.80	443.80	1.00	0.01		0.50	12.00	42.00
			1004349	443.80	444.80	1.00	0.01		0.50	15.00	25.00
			1004351	444.80	445.80	1.00	0.01		0.50	14.00	44.00
			1004352	445.80	446.80	1.00	0.01		0.50	16.00	20.00
			1004353	446.80	447.87	1.07	0.01		0.50	9.00	11.00
			1004354	447.87	448.87	1.00	0.02		0.50	21.00	192.00
			1004355	448.87	449.87	1.00	0.04		0.50	11.00	25.00
			1004356	449.87	450.87	1.00	0.02		0.50	6.00	9.00
			1004357	450.87	451.87	1.00	0.03		0.50	21.00	74.00
			1004358	451.87	452.87	1.00	0.02		0.50	24.00	82.00
			1004359	452.87	453.87	1.00	0.02		0.50	24.00	78.00
			1004361	453.87	454.87	1.00	0.01		0.50	22.00	58.00
			1004362	454.87	455.87	1.00	0.01		0.50	9.00	46.00
			1004363	455.87	456.87	1.00	0.01		0.50	14.00	48.00
			1004364	456.87	457.87	1.00	0.02		0.50	18.00	52.00
			1004365	457.87	458.87	1.00	0.07		0.50	102.00	378.00
			1004366	457.87	458.87	1.00	0.06		0.50	107.00	296.00
			1004367	458.87	459.87	1.00	0.03		0.50	74.00	145.00



# DETAILED LOG

Hole Number: TL11166

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
459.87	519.00	BMS, Biotite Muscovite Schist	1004368	459.87	461.37	1.50	0.01		0.50	10.00	45.00
			1212286	474.30	475.80	1.50	0.01		0.50	17.00	82.00
			1212287	475.80	477.30	1.50	0.01		0.50	27.00	114.00
			1212288	477.30	477.92	0.62	0.80		3.00	35.00	51.00
			1212289	477.92	478.64	0.72	0.06		2.00	18.00	48.00
			1212291	478.64	479.64	1.00	0.05		1.00	33.00	94.00
			1212292	479.64	480.14	0.50	0.42		3.00	112.00	94.00
			1212293	480.14	481.14	1.00	0.15		2.00	43.00	140.00
			1212294	481.14	482.08	0.94	0.06		2.00	26.00	69.00
			1212295	482.08	483.40	1.32	0.01		0.50	23.00	51.00
			1212296	482.08	483.40	1.32	0.03		0.50	23.00	50.00
			1212297	483.40	484.16	0.76	0.04		0.50	19.00	92.00
			1212298	484.16	485.00	0.84	0.13		0.50	24.00	50.00
			1212299	485.00	486.00	1.00	0.05		0.50	14.00	47.00
			1212301	486.00	487.25	1.25	0.02		1.00	20.00	63.00
			1212302	487.25	488.36	1.11	0.05		0.50	14.00	199.00
			1212303	488.36	488.88	0.52	0.05		0.50	21.00	68.00
			1212304	488.88	489.65	0.77	2.29		7.00	667.00	5144.00
			1212305	489.65	490.26	0.61	0.42		2.00	228.00	294.00
			1212306	490.26	491.26	1.00	0.16		1.00	52.00	199.00
			1212307	491.26	491.91	0.65	0.23		1.00	128.00	236.00
			1212308	491.91	493.22	1.31	0.04		1.00	30.00	1222.00
			1212309	493.22	494.15	0.93	0.03		0.50	38.00	89.00
			1212311	494.15	494.95	0.80	0.44		9.00	281.00	315.00
			1212312	494.95	495.75	0.80	0.02		0.50	29.00	111.00
			1212313	495.75	496.25	0.50	0.09		5.00	797.00	480.00
		1212314	496.25	497.00	0.75	0.03		0.50	28.00	28.00	
		1212315	497.00	498.50	1.50	0.02		0.50	24.00	86.00	
		1212316	497.00	498.50	1.50	0.01		0.50	20.00	92.00	

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1212254	237.95	239.45	0.0350		1.0000	9.0000	87.0000
1212255	239.45	240.00	4.5500		53.0000	94.0000	46569.0000
1212257	240.00	240.50	1.0170		8.0000	16.0000	4403.0000
1212258	240.50	241.50	0.6160		6.0000	17.0000	2394.0000
1212259	241.50	243.00	0.0890		2.0000	9.0000	233.0000
1212261	260.78	262.28	0.5310		5.0000	9.0000	1035.0000
1212262	262.28	263.78	0.1150		2.0000	11.0000	358.0000
1212263	263.78	264.28	0.2580		5.0000	27.0000	11109.0000
1212264	264.28	265.78	0.0570		1.0000	9.0000	436.0000

Hole Number: TL11166

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1212265	289.71	291.21	0.1090		1.0000	26.0000	206.0000
1212266	291.21	292.37	0.0040		0.5000	25.0000	119.0000
1212267	292.37	293.09	0.0340		2.0000	31.0000	139.0000
1212268	293.09	294.38	0.0140		1.0000	24.0000	94.0000
1212269	294.38	295.22	0.0005		1.0000	17.0000	98.0000
1212271	295.22	296.22	0.0500		2.0000	80.0000	91.0000
1212272	296.22	296.93	0.0005		0.5000	11.0000	25.0000
1212273	296.93	298.43	0.0005		0.5000	12.0000	69.0000
1212274	359.64	361.14	0.3410		2.0000	38.0000	173.0000
1212275	361.14	362.14	0.0230		1.0000	31.0000	82.0000
1212277	362.14	363.14	0.0060		1.0000	87.0000	163.0000
1212278	363.14	364.14	0.0080		1.0000	191.0000	249.0000
1212279	364.14	365.14	0.0005		0.5000	29.0000	91.0000
1212281	365.14	366.14	0.0070		0.5000	29.0000	229.0000
1212282	366.14	367.14	0.0010		0.5000	8.0000	37.0000
1212283	367.14	368.05	0.0110		0.5000	11.0000	53.0000
1212284	368.05	369.55	0.0410		0.5000	20.0000	102.0000
1212285	369.55	370.82	0.0430		0.5000	18.0000	62.0000
1004272	370.82	372.32	0.0180		0.5000	45.0000	85.0000
1004273	372.32	373.32	0.0170		0.5000	18.0000	317.0000
1004274	373.32	374.20	0.0110		0.5000	21.0000	239.0000
1004275	374.20	375.20	0.0100		0.5000	14.0000	265.0000
1004276	375.20	376.20	0.0080		0.5000	7.0000	202.0000
1004277	376.20	377.70	0.0100		0.5000	3.0000	237.0000
1004278	377.70	379.20	0.0150		0.5000	7.0000	247.0000
1004279	379.20	380.70	0.0170		0.5000	11.0000	210.0000
1004281	380.70	382.20	0.0310		0.5000	33.0000	262.0000
1004282	382.20	383.70	0.0230		0.5000	17.0000	297.0000
1004283	383.70	385.03	0.0120		0.5000	17.0000	287.0000
1004284	385.03	386.03	0.0150		0.5000	12.0000	348.0000
1004285	386.03	387.00	0.0350		0.5000	18.0000	271.0000
1004287	387.00	388.00	0.0110		0.5000	18.0000	251.0000
1004288	388.00	389.00	0.0620		0.5000	18.0000	254.0000
1004289	389.00	390.00	0.0160		0.5000	58.0000	307.0000
1004291	390.00	391.03	0.0210		0.5000	85.0000	406.0000
1004292	391.03	392.36	0.0300		0.5000	50.0000	672.0000
1004293	392.36	393.48	0.0240		0.5000	31.0000	275.0000
1004294	393.48	394.48	0.0230		0.5000	43.0000	283.0000
1004295	394.48	395.48	0.0500		0.5000	71.0000	332.0000

Hole Number: TL11166

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004296	395.48	396.48	0.0040		0.5000	43.0000	318.0000
1004297	396.48	397.48	0.0070		0.5000	51.0000	237.0000
1004298	397.48	398.48	0.0030		0.5000	52.0000	245.0000
1004299	398.48	399.48	0.5100		12.0000	1952.0000	2892.0000
1004301	399.48	400.49	0.2430		4.0000	597.0000	1068.0000
1004302	400.49	401.50	0.0440		0.5000	51.0000	296.0000
1004303	401.50	402.50	0.0950		0.5000	123.0000	409.0000
1004304	402.50	403.50	0.1300		0.5000	62.0000	594.0000
1004305	403.50	404.50	0.1220		0.5000	61.0000	466.0000
1004307	404.50	405.50	0.9630		3.0000	343.0000	865.0000
1004308	405.50	406.50	0.3150		0.5000	274.0000	531.0000
1004309	406.50	408.00	0.0780		0.5000	26.0000	270.0000
1004311	408.00	409.50	0.1380		0.5000	68.0000	157.0000
1004312	409.50	411.00	0.0330		0.5000	11.0000	51.0000
1004313	411.00	412.50	0.1690		0.5000	28.0000	96.0000
1004314	412.50	413.50	0.1160		0.5000	16.0000	385.0000
1004315	413.50	414.00	0.4910		0.5000	214.0000	329.0000
1004316	414.00	415.00	0.3780		0.5000	110.0000	368.0000
1004317	415.00	416.00	0.5880		0.5000	21.0000	54.0000
1004318	416.00	417.00	0.1520		0.5000	72.0000	106.0000
1004319	417.00	418.02	0.4580		8.0000	947.0000	1526.0000
1004321	418.02	418.66	0.3890		0.5000	47.0000	94.0000
1004322	418.66	419.74	0.9010		2.0000	186.0000	713.0000
1004323	419.74	421.24	0.1410		0.5000	35.0000	60.0000
1004324	421.24	422.71	0.2390		0.5000	35.0000	87.0000
1004325	422.71	424.18	0.8650		0.5000	41.0000	132.0000
1004327	424.18	425.18	0.5980		4.0000	49.0000	150.0000
1004328	425.18	426.18	0.1880		0.5000	27.0000	86.0000
1004329	426.18	427.23	0.0810		0.5000	17.0000	32.0000
1004331	427.23	428.24	0.1280		2.0000	48.0000	183.0000
1004332	428.24	429.24	0.2320		3.0000	26.0000	53.0000
1004333	429.24	430.24	0.0240		0.5000	10.0000	46.0000
1004334	430.24	431.39	0.0260		0.5000	10.0000	35.0000
1004335	431.39	432.60	0.1380		0.5000	12.0000	47.0000
1004336	432.60	433.80	0.0160		0.5000	22.0000	38.0000
1004337	433.80	434.80	0.3860		9.0000	70.0000	205.0000
1004338	434.80	435.80	0.4260		2.0000	34.0000	158.0000
1004339	435.80	436.80	0.1410		0.5000	29.0000	39.0000
1004341	436.80	437.80	0.1050		0.5000	54.0000	404.0000

Hole Number: TL11166

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004342	437.80	438.80	0.2240		0.5000	44.0000	217.0000
1004343	438.80	439.80	0.0380		0.5000	28.0000	35.0000
1004344	439.80	440.80	0.0240		0.5000	12.0000	17.0000
1004345	440.80	441.80	0.0130		0.5000	12.0000	21.0000
1004347	441.80	442.80	0.0210		0.5000	17.0000	36.0000
1004348	442.80	443.80	0.0110		0.5000	12.0000	42.0000
1004349	443.80	444.80	0.0080		0.5000	15.0000	25.0000
1004351	444.80	445.80	0.0060		0.5000	14.0000	44.0000
1004352	445.80	446.80	0.0100		0.5000	16.0000	20.0000
1004353	446.80	447.87	0.0080		0.5000	9.0000	11.0000
1004354	447.87	448.87	0.0190		0.5000	21.0000	192.0000
1004355	448.87	449.87	0.0350		0.5000	11.0000	25.0000
1004356	449.87	450.87	0.0210		0.5000	6.0000	9.0000
1004357	450.87	451.87	0.0250		0.5000	21.0000	74.0000
1004358	451.87	452.87	0.0220		0.5000	24.0000	82.0000
1004359	452.87	453.87	0.0170		0.5000	24.0000	78.0000
1004361	453.87	454.87	0.0140		0.5000	22.0000	58.0000
1004362	454.87	455.87	0.0100		0.5000	9.0000	46.0000
1004363	455.87	456.87	0.0080		0.5000	14.0000	48.0000
1004364	456.87	457.87	0.0190		0.5000	18.0000	52.0000
1004365	457.87	458.87	0.0660		0.5000	102.0000	378.0000
1004367	458.87	459.87	0.0310		0.5000	74.0000	145.0000
1004368	459.87	461.37	0.0100		0.5000	10.0000	45.0000
1212286	474.30	475.80	0.0140		0.5000	17.0000	82.0000
1212287	475.80	477.30	0.0120		0.5000	27.0000	114.0000
1212288	477.30	477.92	0.8000		3.0000	35.0000	51.0000
1212289	477.92	478.64	0.0590		2.0000	18.0000	48.0000
1212291	478.64	479.64	0.0530		1.0000	33.0000	94.0000
1212292	479.64	480.14	0.4180		3.0000	112.0000	94.0000
1212293	480.14	481.14	0.1480		2.0000	43.0000	140.0000
1212294	481.14	482.08	0.0570		2.0000	26.0000	69.0000
1212295	482.08	483.40	0.0100		0.5000	23.0000	51.0000
1212297	483.40	484.16	0.0420		0.5000	19.0000	92.0000
1212298	484.16	485.00	0.1310		0.5000	24.0000	50.0000
1212299	485.00	486.00	0.0480		0.5000	14.0000	47.0000
1212301	486.00	487.25	0.0240		1.0000	20.0000	63.0000
1212302	487.25	488.36	0.0540		0.5000	14.0000	199.0000
1212303	488.36	488.88	0.0450		0.5000	21.0000	68.0000
1212304	488.88	489.65	2.2940		7.0000	667.0000	5144.0000

Hole Number: TL11166

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1212305	489.65	490.26	0.4230		2.0000	228.0000	294.0000
1212306	490.26	491.26	0.1560		1.0000	52.0000	199.0000
1212307	491.26	491.91	0.2260		1.0000	128.0000	236.0000
1212308	491.91	493.22	0.0370		1.0000	30.0000	1222.0000
1212309	493.22	494.15	0.0310		0.5000	38.0000	89.0000
1212311	494.15	494.95	0.4410		9.0000	281.0000	315.0000
1212312	494.95	495.75	0.0190		0.5000	29.0000	111.0000
1212313	495.75	496.25	0.0860		5.0000	797.0000	480.0000
1212314	496.25	497.00	0.0290		0.5000	28.0000	28.0000
1212315	497.00	498.50	0.0200		0.5000	24.0000	86.0000
Sample Type	CDUP						
1212256	239.45	240.00	3.8510		51.0000	57.0000	31252.0000
1212276	361.14	362.14	0.0320		2.0000	50.0000	89.0000
1004286	386.03	387.00	0.0370		0.5000	32.0000	264.0000
1004306	403.50	404.50	0.0870		0.5000	63.0000	381.0000
1004326	422.71	424.18	0.2820		0.5000	46.0000	127.0000
1004346	440.80	441.80	0.0140		0.5000	8.0000	20.0000
1004366	457.87	458.87	0.0610		0.5000	107.0000	296.0000
1212296	482.08	483.40	0.0280		0.5000	23.0000	50.0000
1212316	497.00	498.50	0.0090		0.5000	20.0000	92.0000

# DETAILED LOG

Hole Number: TL11167

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -51.00
Project Number: TMI-TL	North: 5511680.00	North:	Collar Az: 353.50
Location: Zealand Township	East: 527287.20	East:	Length: 282.00
	Elev: 395.47	Elev:	Start Depth: 0.00
Date Started: May 08, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: May 11, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 282.00

Comments: Poorly mineralized MSS C-zone. Fault zone at 254.56-255.43 m. Fold at 254.56-255.43 m with an orientation of 55 deg TCA. Upper part of interval is poorly sericitized and lower part after 270.09 m is highly sericitized. 2-3% diss py, 1-2% asp blebs and trace sph stringers.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	353.50	-51.00	EZ Sho	OK		15.00	354.10	-50.00	EZ Sho	OK	
51.00	355.70	-48.60	EZ Sho	OK		102.00	357.50	-47.20	EZ Sho	OK	
150.00	359.60	-44.80	EZ Sho	OK		204.00	0.60	-42.30	EZ Sho	OK	
207.00	1.20	-41.70	EZ Sho	OK		210.00	1.20	-41.70	EZ Sho	OK	
249.00	1.60	-39.70	EZ Sho	OK		252.00	1.60	-39.70	EZ Sho	OK	
279.00	2.30	-37.80	EZ Sho	OK		282.00	2.30	-37.80	EZ Sho	OK	

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	4.65	OB, Overburden									
4.65	75.83	BMS, Biotite Muscovite Schist	1006718	74.23	75.83	1.60	0.03		0.50	42.00	101.00
75.83	89.07	MSS, Muscovite Sericite Schist	1006719	75.83	76.93	1.10	0.01		0.50	37.00	59.00
			1006721	76.93	78.00	1.07	0.01		0.50	13.00	36.00
			1006722	78.00	79.28	1.28	0.01		0.50	25.00	43.00
			1006723	79.28	80.54	1.26	0.01		0.50	26.00	100.00
			1006724	80.54	81.27	0.73	0.16		0.50	770.00	756.00
			1006726	81.27	82.00	0.73	0.02		0.50	136.00	389.00
			1006725	81.27	82.00	0.73	0.02		0.50	185.00	455.00
			1006727	82.00	82.90	0.90	0.01		0.50	52.00	136.00
			1006728	82.90	84.00	1.10	0.08		0.50	178.00	412.00
			1006729	84.00	85.11	1.11	0.05		0.50	40.00	134.00
			1006731	85.11	85.98	0.87	0.01		0.50	26.00	70.00
			1006732	85.98	87.00	1.02	0.00		0.50	10.00	52.00
			1006733	87.00	88.00	1.00	0.00		0.50	5.00	44.00
			1006734	88.00	89.07	1.07	0.00		0.50	10.00	36.00

# DETAILED LOG

Hole Number: TL11167

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
89.07	159.01	BMS, Biotite Muscovite Schist	1006735	89.07	90.59	1.52	0.11		0.50	39.00	124.00
			1006736	158.03	158.93	0.90	0.04		0.50	39.00	154.00
			1006737	158.93	159.01	0.08	0.01		0.50	35.00	117.00

## DETAILED LOG

Hole Number: TL11167

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
159.01	222.51	MSS, Muscovite Sericite Schist Possible breccia?/old qtz veins?/andalusite? locally throughout as brown semi-rounded blebs.	1006738	159.01	160.22	1.21	0.01		0.50	9.00	62.0
			1006739	160.22	161.22	1.00	0.01		0.50	11.00	82.0
			1006741	161.22	162.07	0.85	0.02		0.50	25.00	111.0
			1006742	162.07	162.91	0.84	0.04		0.50	59.00	207.0
			1006743	162.91	163.69	0.78	0.01		0.50	21.00	73.0
			1006744	163.69	164.45	0.76	0.03		0.50	24.00	86.0
			1006746	164.45	165.45	1.00	0.21		0.50	50.00	113.0
			1006745	164.45	165.45	1.00	0.14		0.50	43.00	103.0
			1006747	165.45	166.45	1.00	0.22		0.50	88.00	274.0
			1006748	166.45	167.36	0.91	0.44		0.50	109.00	186.0
			1006749	167.36	168.28	0.92	0.24		0.50	89.00	154.0
			1006751	168.28	169.12	0.84	0.16		0.50	88.00	213.0
			1006752	169.12	170.12	1.00	0.07		0.50	50.00	120.0
			1006753	170.12	171.04	0.92	0.10		0.50	40.00	190.0
			1006754	171.04	171.92	0.88	0.08		0.50	60.00	214.0
			1006755	171.92	172.76	0.84	0.05		0.50	42.00	172.0
			1006756	172.76	173.61	0.85	0.02		0.50	31.00	80.0
			1006757	173.61	174.68	1.07	0.06		0.50	302.00	388.0
			1006758	174.68	175.64	0.96	0.28		0.50	151.00	790.0
			1006759	175.64	176.40	0.76	9.28		0.50	442.00	453.0
			1006761	176.40	177.40	1.00	4.68		6.00	4906.00	12149.0
			1006762	177.40	178.40	1.00	0.20		0.50	372.00	413.0
			1006763	178.40	179.45	1.05	0.57		0.50	510.00	1186.0
			1006764	179.45	180.74	1.29	0.10		0.50	183.00	299.0
			1006766	180.74	181.74	1.00	0.37		0.50	427.00	336.0
			1006765	180.74	181.74	1.00	0.30		0.50	448.00	304.0
			1006767	181.74	182.43	0.69	0.69		0.50	123.00	263.0
			1006768	182.43	183.23	0.80	0.03		0.50	707.00	2616.0
			1006769	183.23	184.23	1.00	0.03		0.50	123.00	181.0
			1006771	184.23	185.15	0.92	0.32		0.50	1199.00	1255.0
			1006772	185.15	186.00	0.85	0.25		0.50	835.00	1767.0
			1006773	186.00	187.00	1.00	0.40		2.00	940.00	2913.0
			1006774	187.00	188.19	1.19	0.27		0.50	48.00	112.0
			1006775	188.19	189.15	0.96	2.09		2.00	900.00	1914.0
			1006776	189.15	190.15	1.00	2.64		6.00	1675.00	3507.0
			1006777	190.15	191.20	1.05	0.29		0.50	167.00	439.0
			1006778	191.20	192.29	1.09	0.23		0.50	200.00	1037.0
			1006779	192.29	193.31	1.02	0.18		0.50	36.00	96.0
			1006781	193.31	194.24	0.93	0.06		0.50	17.00	78.0
			1006782	194.24	195.74	1.50	0.03		0.50	16.00	61.0
			1006783	195.74	196.74	1.00	0.03		0.50	10.00	71.0
			1006784	196.74	197.66	0.92	0.10		0.50	32.00	94.0
			1006786	197.66	198.75	1.09	0.07		0.50	25.00	91.0



## DETAILED LOG

Hole Number: TL11167

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1006785	197.66	198.75	1.09	0.07		0.50	29.00	74.00
			1006787	198.75	199.35	0.60	0.14		4.00	1092.00	6344.00
			1006788	199.35	200.42	1.07	0.13		0.50	52.00	126.00
			1006789	200.42	201.59	1.17	0.20		0.50	78.00	187.00
			1006791	201.59	202.67	1.08	0.34		0.50	79.00	178.00
			1006792	202.67	203.68	1.01	0.70		0.50	98.00	162.00
			1006793	203.68	204.85	1.17	0.57		0.50	43.00	111.00
			1006794	204.85	205.35	0.50	0.56		0.50	454.00	1413.00
			1006795	205.35	206.35	1.00	0.05		0.50	35.00	87.00
			1006796	206.35	207.35	1.00	0.07		0.50	213.00	510.00
			1006797	207.35	208.35	1.00	0.05		0.50	73.00	131.00
			1006798	208.35	208.96	0.61	0.04		0.50	39.00	79.00
			1006799	208.96	210.00	1.04	0.06		0.50	42.00	118.00
			1006801	210.00	211.00	1.00	0.05		0.50	41.00	110.00
			1006802	211.00	212.05	1.05	0.06		0.50	51.00	91.00
			1006803	212.05	213.05	1.00	0.03		0.50	0.50	23.00
			1006804	213.05	214.44	1.39	0.09		0.50	172.00	357.00
			1006806	214.44	215.64	1.20	0.03		0.50	42.00	120.00
			1006805	214.44	215.64	1.20	0.03		0.50	40.00	129.00
			1006807	215.64	216.60	0.96	0.28		0.50	75.00	92.00
			1006808	216.60	217.40	0.80	0.24		0.50	119.00	5816.00
			1006809	217.40	218.83	1.43	0.18		0.50	21.00	126.00
			1006811	218.83	219.83	1.00	0.11		0.50	39.00	92.00
			1006812	219.83	220.83	1.00	0.22		0.50	694.00	1524.00
			1006813	220.83	221.83	1.00	0.24		0.50	2017.00	1959.00
			1006814	221.83	222.51	0.68	0.12		0.50	47.00	62.00
222.51	253.71	BMS, Biotite Muscovite Schist	1006815	222.51	223.90	1.39	9.48		0.50	286.00	142.00
		BMS with very inconsistent sericitization and fracturing. F2 fold at 244.20 m with an orientation of 53 deg TCA.	1006816	223.90	225.00	1.10	0.05		0.50	11.00	56.00
			1006817	225.00	226.15	1.15	0.10		0.50	63.00	100.00
			1006818	252.71	253.71	1.00	0.03		0.50	47.00	105.00

# DETAILED LOG

Hole Number: TL11167

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
253.71	277.55	MSS, Muscovite Sericite Schist Poorly mineralized MSS C-zone. Fault zone at 254.56-255.43 m. Fold at 254.56-255.43 m with an orientation of 55 deg TCA. Upper part of interval is poorly sericitized and lower part after 270.09 m is highly sericitized. 2-3% diss py, 1-2% asp blebs and trace sph stringers.	1006819	253.71	254.40	0.69	0.05		0.50	431.00	319.00
			1006821	254.40	255.45	1.05	0.08		0.50	98.00	540.00
			1006822	255.45	256.47	1.02	0.23		0.50	81.00	716.00
			1006823	256.47	257.53	1.06	1.53		3.00	49.00	134.00
			1006824	257.53	258.85	1.32	0.15		0.50	60.00	92.00
			1006825	258.85	260.10	1.25	0.01		0.50	19.00	62.00
			1006826	258.85	260.10	1.25	0.02		0.50	16.00	50.00
			1006827	260.10	261.10	1.00	1.63		0.50	22.00	239.00
			1006828	261.10	262.17	1.07	0.35		0.50	59.00	122.00
			1006829	262.17	263.11	0.94	0.04		0.50	22.00	93.00
			1006831	263.11	264.60	1.49	0.07		0.50	23.00	82.00
			1006832	264.60	265.60	1.00	0.04		0.50	10.00	59.00
			1006833	265.60	267.16	1.56	0.01		0.50	55.00	87.00
			1006834	267.16	268.66	1.50	0.01		0.50	18.00	61.00
			1006835	268.66	270.10	1.44	0.00		0.50	20.00	71.00
			1006836	270.10	271.60	1.50	0.01		0.50	20.00	76.00
			1006837	271.60	273.10	1.50	0.06		0.50	11.00	90.00
1006838	273.10	274.60	1.50	0.03		0.50	17.00	84.00			
1006839	274.60	276.10	1.50	0.34		0.50	107.00	315.00			
277.55	282.00	BMS, Biotite Muscovite Schist	1006842	277.55	278.55	1.00	0.01	0.50	9.00	54.00	

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006718	74.23	75.83	0.0320		0.5000	42.0000	101.0000
1006719	75.83	76.93	0.0130		0.5000	37.0000	59.0000
1006721	76.93	78.00	0.0100		0.5000	13.0000	36.0000
1006722	78.00	79.28	0.0120		0.5000	25.0000	43.0000
1006723	79.28	80.54	0.0120		0.5000	26.0000	100.0000
1006724	80.54	81.27	0.1550		0.5000	770.0000	756.0000
1006725	81.27	82.00	0.0240		0.5000	185.0000	455.0000
1006727	82.00	82.90	0.0120		0.5000	52.0000	136.0000
1006728	82.90	84.00	0.0810		0.5000	178.0000	412.0000
1006729	84.00	85.11	0.0460		0.5000	40.0000	134.0000
1006731	85.11	85.98	0.0100		0.5000	26.0000	70.0000
1006732	85.98	87.00	0.0040		0.5000	10.0000	52.0000
1006733	87.00	88.00	0.0030		0.5000	5.0000	44.0000
1006734	88.00	89.07	0.0030		0.5000	10.0000	36.0000
1006735	89.07	90.59	0.1080		0.5000	39.0000	124.0000
1006736	158.03	158.93	0.0410		0.5000	39.0000	154.0000

Hole Number: TL11167

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006737	158.93	159.01	0.0140		0.5000	35.0000	117.0000
1006738	159.01	160.22	0.0110		0.5000	9.0000	62.0000
1006739	160.22	161.22	0.0080		0.5000	11.0000	82.0000
1006741	161.22	162.07	0.0160		0.5000	25.0000	111.0000
1006742	162.07	162.91	0.0410		0.5000	59.0000	207.0000
1006743	162.91	163.69	0.0120		0.5000	21.0000	73.0000
1006744	163.69	164.45	0.0330		0.5000	24.0000	86.0000
1006745	164.45	165.45	0.1360		0.5000	43.0000	103.0000
1006747	165.45	166.45	0.2240		0.5000	88.0000	274.0000
1006748	166.45	167.36	0.4440		0.5000	109.0000	186.0000
1006749	167.36	168.28	0.2390		0.5000	89.0000	154.0000
1006751	168.28	169.12	0.1580		0.5000	88.0000	213.0000
1006752	169.12	170.12	0.0690		0.5000	50.0000	120.0000
1006753	170.12	171.04	0.1030		0.5000	40.0000	190.0000
1006754	171.04	171.92	0.0810		0.5000	60.0000	214.0000
1006755	171.92	172.76	0.0460		0.5000	42.0000	172.0000
1006756	172.76	173.61	0.0170		0.5000	31.0000	80.0000
1006757	173.61	174.68	0.0570		0.5000	302.0000	388.0000
1006758	174.68	175.64	0.2790		0.5000	151.0000	790.0000
1006759	175.64	176.40	9.2800		0.5000	442.0000	453.0000
1006761	176.40	177.40	4.6780		6.0000	4906.0000	12149.0000
1006762	177.40	178.40	0.2020		0.5000	372.0000	413.0000
1006763	178.40	179.45	0.5650		0.5000	510.0000	1186.0000
1006764	179.45	180.74	0.1030		0.5000	183.0000	299.0000
1006765	180.74	181.74	0.2950		0.5000	448.0000	304.0000
1006767	181.74	182.43	0.6940		0.5000	123.0000	263.0000
1006768	182.43	183.23	0.0260		0.5000	707.0000	2616.0000
1006769	183.23	184.23	0.0330		0.5000	123.0000	181.0000
1006771	184.23	185.15	0.3150		0.5000	1199.0000	1255.0000
1006772	185.15	186.00	0.2480		0.5000	835.0000	1767.0000
1006773	186.00	187.00	0.4010		2.0000	940.0000	2913.0000
1006774	187.00	188.19	0.2690		0.5000	48.0000	112.0000
1006775	188.19	189.15	2.0940		2.0000	900.0000	1914.0000
1006776	189.15	190.15	2.6430		6.0000	1675.0000	3507.0000
1006777	190.15	191.20	0.2930		0.5000	167.0000	439.0000
1006778	191.20	192.29	0.2250		0.5000	200.0000	1037.0000
1006779	192.29	193.31	0.1820		0.5000	36.0000	96.0000
1006781	193.31	194.24	0.0550		0.5000	17.0000	78.0000
1006782	194.24	195.74	0.0330		0.5000	16.0000	61.0000

Hole Number: TL11167

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006783	195.74	196.74	0.0330		0.5000	10.0000	71.0000
1006784	196.74	197.66	0.1040		0.5000	32.0000	94.0000
1006785	197.66	198.75	0.0720		0.5000	29.0000	74.0000
1006787	198.75	199.35	0.1410		4.0000	1092.0000	6344.0000
1006788	199.35	200.42	0.1270		0.5000	52.0000	126.0000
1006789	200.42	201.59	0.1990		0.5000	78.0000	187.0000
1006791	201.59	202.67	0.3380		0.5000	79.0000	178.0000
1006792	202.67	203.68	0.7030		0.5000	98.0000	162.0000
1006793	203.68	204.85	0.5700		0.5000	43.0000	111.0000
1006794	204.85	205.35	0.5630		0.5000	454.0000	1413.0000
1006795	205.35	206.35	0.0490		0.5000	35.0000	87.0000
1006796	206.35	207.35	0.0710		0.5000	213.0000	510.0000
1006797	207.35	208.35	0.0500		0.5000	73.0000	131.0000
1006798	208.35	208.96	0.0410		0.5000	39.0000	79.0000
1006799	208.96	210.00	0.0560		0.5000	42.0000	118.0000
1006801	210.00	211.00	0.0480		0.5000	41.0000	110.0000
1006802	211.00	212.05	0.0590		0.5000	51.0000	91.0000
1006803	212.05	213.05	0.0310		0.5000	0.5000	23.0000
1006804	213.05	214.44	0.0910		0.5000	172.0000	357.0000
1006805	214.44	215.64	0.0320		0.5000	40.0000	129.0000
1006807	215.64	216.60	0.2760		0.5000	75.0000	92.0000
1006808	216.60	217.40	0.2370		0.5000	119.0000	5816.0000
1006809	217.40	218.83	0.1830		0.5000	21.0000	126.0000
1006811	218.83	219.83	0.1060		0.5000	39.0000	92.0000
1006812	219.83	220.83	0.2240		0.5000	694.0000	1524.0000
1006813	220.83	221.83	0.2410		0.5000	2017.0000	1959.0000
1006814	221.83	222.51	0.1190		0.5000	47.0000	62.0000
1006815	222.51	223.90	9.4800		0.5000	286.0000	142.0000
1006816	223.90	225.00	0.0460		0.5000	11.0000	56.0000
1006817	225.00	226.15	0.1040		0.5000	63.0000	100.0000
1006818	252.71	253.71	0.0310		0.5000	47.0000	105.0000
1006819	253.71	254.40	0.0470		0.5000	431.0000	319.0000
1006821	254.40	255.45	0.0770		0.5000	98.0000	540.0000
1006822	255.45	256.47	0.2260		0.5000	81.0000	716.0000
1006823	256.47	257.53	1.5310		3.0000	49.0000	134.0000
1006824	257.53	258.85	0.1450		0.5000	60.0000	92.0000
1006825	258.85	260.10	0.0130		0.5000	19.0000	62.0000
1006827	260.10	261.10	1.6340		0.5000	22.0000	239.0000
1006828	261.10	262.17	0.3510		0.5000	59.0000	122.0000

Hole Number: TL11167

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006829	262.17	263.11	0.0400		0.5000	22.0000	93.0000
1006831	263.11	264.60	0.0660		0.5000	23.0000	82.0000
1006832	264.60	265.60	0.0400		0.5000	10.0000	59.0000
1006833	265.60	267.16	0.0090		0.5000	55.0000	87.0000
1006834	267.16	268.66	0.0080		0.5000	18.0000	61.0000
1006835	268.66	270.10	0.0040		0.5000	20.0000	71.0000
1006836	270.10	271.60	0.0100		0.5000	20.0000	76.0000
1006837	271.60	273.10	0.0580		0.5000	11.0000	90.0000
1006838	273.10	274.60	0.0250		0.5000	17.0000	84.0000
1006839	274.60	276.10	0.3430		0.5000	107.0000	315.0000
1006841	276.10	277.55	0.0520		0.5000	17.0000	81.0000
1006842	277.55	278.55	0.0070		0.5000	9.0000	54.0000
Sample Type	CDUP						
1006726	81.27	82.00	0.0210		0.5000	136.0000	389.0000
1006746	164.45	165.45	0.2050		0.5000	50.0000	113.0000
1006766	180.74	181.74	0.3660		0.5000	427.0000	336.0000
1006786	197.66	198.75	0.0690		0.5000	25.0000	91.0000
1006806	214.44	215.64	0.0290		0.5000	42.0000	120.0000
1006826	258.85	260.10	0.0160		0.5000	16.0000	50.0000

# DETAILED LOG

Hole Number: TL11168

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -49.00
Project Number: TMI-TL	North: 5511650.00	North:	Collar Az: 356.00
Location: Zealand Township	East: 527282.00	East:	Length: 312.00
	Elev: 395.00	Elev:	Start Depth: 0.00
Date Started: May 25, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Nov 15, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 312.00

Comments: Re-logged by fknight on 14th Nov. 2011.  
 Main zone = 213.9 - 235.1m  
 C-zone = 289.84 - 298.61m

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	356.00	-49.00	EZ Sho	OK		12.00	356.40	-48.40	EZ Sho	OK	
15.00	356.40	-48.40	EZ Sho	OK		51.00	357.10	-47.60	EZ Sho	OK	
54.00	357.10	-47.60	EZ Sho	OK		102.00	359.30	-46.10	EZ Sho	OK	
105.00	359.30	-46.10	EZ Sho	OK		156.00	0.20	-44.30	EZ Sho	OK	
204.00	1.10	-43.00	EZ Sho	OK		255.00	1.90	-41.00	EZ Sho	OK	
312.00	1.00	-39.50	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	4.50	OB, Overburden									
4.50	115.70	BMS, Biotite Muscovite Schist	1212317	114.20	115.70	1.50	0.05		0.50	95.00	157.0

## DETAILED LOG

Hole Number: TL11168

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
115.70	160.80	MSS, Muscovite Sericite Schist	1212318	115.70	116.70	1.00	0.02		1.00	70.00	85.00
			1212319	116.70	117.70	1.00	0.02		0.50	55.00	52.00
			1212321	117.70	118.70	1.00	0.02		0.50	44.00	49.00
			1212322	118.70	119.47	0.77	0.03		1.00	147.00	285.00
			1212323	119.47	120.34	0.87	0.02		0.50	37.00	73.00
			1212324	120.34	120.95	0.61	0.04		0.50	98.00	290.00
			1212325	120.95	122.35	1.40	0.23		0.50	38.00	94.00
			1212326	122.35	123.35	1.00	0.16		5.00	126.00	181.00
			1212327	123.35	124.13	0.78	0.01		0.50	43.00	63.00
			1212328	124.13	124.63	0.50	0.04		0.50	30.00	94.00
			1212329	124.63	125.16	0.53	0.01		0.50	16.00	30.00
			1212331	125.16	125.88	0.72	0.01		0.50	41.00	40.00
			1212332	125.88	126.74	0.86	0.05		0.50	28.00	44.00
			1212333	126.74	127.74	1.00	0.08		0.50	25.00	58.00
			1212334	127.74	128.74	1.00	0.03		6.00	26.00	64.00
			1212335	128.74	129.74	1.00	0.02		0.50	29.00	77.00
			1212336	128.74	129.74	1.00	0.03		0.50	26.00	94.00
			1212337	129.74	130.74	1.00	0.02		2.00	26.00	55.00
			1212338	130.74	131.74	1.00	0.01		3.00	10.00	47.00
			1212339	131.74	133.24	1.50	0.01		0.50	8.00	44.00
			1212341	133.24	134.74	1.50	0.01		3.00	13.00	51.00
			1212342	134.74	136.24	1.50	0.01		0.50	85.00	288.00
			1212343	136.24	137.74	1.50	0.03		0.50	31.00	68.00
			1212344	137.74	139.24	1.50	0.03		0.50	22.00	62.00
			1212345	139.24	140.74	1.50	0.06		0.50	72.00	108.00
			1212346	140.74	141.74	1.00	0.03		0.50	40.00	62.00
			1212347	141.74	143.24	1.50	0.03		1.00	32.00	69.00
			1212348	143.24	144.74	1.50	0.02		0.50	34.00	73.00
			1212349	144.74	145.74	1.00	0.07		2.00	56.00	465.00
			1212351	145.74	146.74	1.00	0.03		0.50	70.00	578.00
			1212352	146.74	148.10	1.36	0.10		0.50	27.00	376.00
			1212353	148.10	149.60	1.50	0.02		0.50	22.00	60.00
			1212354	149.60	151.09	1.49	0.02		6.00	24.00	63.00
			1212356	151.09	152.48	1.39	0.05		0.50	85.00	174.00
			1212355	151.09	152.48	1.39	0.06		0.50	105.00	200.00
			1212357	152.48	153.08	0.60	1.27		1.00	1832.00	8611.00
			1212358	153.08	154.08	1.00	0.39		0.50	401.00	218.00
			1212359	154.08	155.08	1.00	0.42		0.50	136.00	289.00
			1212361	155.08	156.15	1.07	0.13		0.50	46.00	100.00
			1212362	156.15	157.15	1.00	0.04		0.50	20.00	36.00
			1212363	157.15	158.15	1.00	0.12		0.50	603.00	446.00
			1212364	158.15	159.30	1.15	0.26		0.50	506.00	569.00
			1212365	159.30	160.80	1.50	0.01		0.50	29.00	71.00

## DETAILED LOG

Hole Number: TL11168

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
160.80	171.47	BMS, Biotite Muscovite Schist	1212366	160.80	162.30	1.50	0.06		0.50	25.00	67.00
			1212367	162.30	163.80	1.50	7.76		5.00	26.00	82.00
			1212368	163.80	165.30	1.50	0.06		1.00	18.00	73.00
			1212369	165.30	166.80	1.50	0.02		6.00	16.00	59.00
			1212371	166.80	168.47	1.67	0.02		0.50	16.00	57.00
			1212372	168.47	169.97	1.50	0.14		3.00	23.00	99.00
			1212373	169.97	171.47	1.50	0.07		0.50	16.00	68.00
171.47	175.60	MSS, Muscovite Sericite Schist	1212374	171.47	171.97	0.50	0.40		0.50	46.00	397.00
			1212375	171.97	172.60	0.63	2.65		2.00	130.00	1823.00
			1212376	171.97	172.60	0.63	3.24		5.00	166.00	2352.00
			1212377	172.60	173.60	1.00	0.34		0.50	172.00	888.00
			1212378	173.60	174.60	1.00	0.15		0.50	86.00	225.00
			1212379	174.60	175.60	1.00	0.29		2.00	124.00	481.00
175.60	194.48	BMS, Biotite Muscovite Schist	1212381	175.60	177.10	1.50	0.10		0.50	27.00	70.00
			1212382	177.10	178.60	1.50	0.06		0.50	28.00	121.00
			1212383	178.60	180.10	1.50	0.06		0.50	26.00	122.00
			1212384	180.10	181.60	1.50	0.00		0.50	35.00	99.00
			1212385	181.60	183.10	1.50	0.01		0.50	43.00	77.00
			1212386	183.10	183.93	0.83	0.01		0.50	19.00	44.00
			1212387	183.93	184.77	0.84	0.01		1.00	39.00	50.00
			1212388	184.77	186.27	1.50	0.02		4.00	21.00	61.00
			1212389	186.27	187.77	1.50	0.04		0.50	25.00	54.00
			1212391	187.77	189.27	1.50	0.04		3.00	29.00	46.00
			1212392	189.27	189.98	0.71	0.05		4.00	26.00	68.00
			1212393	189.98	191.48	1.50	0.47		0.50	31.00	74.00
			1212394	191.48	192.98	1.50	0.57		0.50	32.00	49.00
			1004369	192.98	194.48	1.50	0.08		1.00	31.00	152.00
194.48	206.02	MSS, Muscovite Sericite Schist Very strongly ser and sil MSS zone just above main zone, with local sulphide stringers (py, sph, gln). Strongly foliated and locally folded.	1004371	194.48	195.48	1.00	0.02		0.50	13.00	48.00
			1004372	195.48	196.48	1.00	0.08		0.50	19.00	58.00
			1004373	196.48	197.30	0.82	0.01		0.50	18.00	60.00
			1004374	197.30	198.30	1.00	0.02		1.00	14.00	70.00
			1004375	198.30	199.50	1.20	0.02		0.50	17.00	64.00
			1004376	199.50	200.70	1.20	0.04		0.50	27.00	61.00
			1004377	200.70	201.70	1.00	2.06		8.00	654.00	514.00
			1004378	201.70	202.70	1.00	1.24		13.00	748.00	2196.00
			1004379	202.70	203.60	0.90	0.85		0.50	37.00	106.00
			1004381	203.60	204.40	0.80	1.37		0.50	77.00	87.00
			1004382	204.40	205.35	0.95	1.59		1.00	200.00	251.00
		1004383	205.35	206.02	0.67	1.37		3.00	449.00	971.00	



# DETAILED LOG

Hole Number: TL11168

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
206.02	213.90	BMS, Biotite Muscovite Schist Interstitial BMS, very wkly ser, with few sulphide stringers	1004384	206.02	207.50	1.48	0.09		2.00	68.00	153.00
			1004386	207.50	209.00	1.50	0.18		1.00	43.00	204.00
			1004385	207.50	209.00	1.50	0.20		3.00	98.00	279.00
			1004387	209.00	210.40	1.40	0.12		1.00	59.00	123.00
			1004388	210.40	211.40	1.00	1.91		2.00	414.00	754.00
			1004389	211.40	212.40	1.00	1.02		0.50	157.00	244.00
			1004391	212.40	213.90	1.50	0.08		0.50	87.00	191.00
213.90	235.10	MSS, Muscovite Sericite Schist Very strongly ser AND sil MSS main zone with mineralized and silicified breccia zone from 217.86-218.26m, odd breccia? from 218.26-218.78m, and stringly fractured healed fault zone from 225.7-227.71m. Contains fairly consistency mineralization as fine sulphide stringers (py, sph, gln, cpy, po)	1004392	213.90	214.87	0.97	1.30		3.00	1195.00	2967.00
			1004393	214.87	215.85	0.98	5.06	5.62	5.00	4589.00	9629.00
			1004394	215.85	216.83	0.98	0.41		2.00	887.00	1002.00
			1004395	216.83	217.81	0.98	0.25		1.00	412.00	569.00
			1004396	217.81	218.31	0.50	0.53		3.00	1168.00	6530.00
			1004397	218.31	218.82	0.51	0.14		0.50	406.00	914.00
			1004398	218.82	219.63	0.81	0.14		0.50	152.00	913.00
			1004399	219.63	220.43	0.80	0.30		0.50	136.00	268.00
			1004401	220.43	221.34	0.91	1.08		5.00	2718.00	6719.00
			1004402	221.34	222.86	1.52	0.49		5.00	1731.00	2311.00
			1004403	222.86	224.33	1.47	0.20		1.00	303.00	502.00
			1004404	224.33	225.70	1.37	0.11		0.50	136.00	268.00
			1004406	225.70	226.59	0.89	0.26		0.50	77.00	120.00
			1004405	225.70	226.59	0.89	0.45		0.50	104.00	114.00
			1004407	226.59	228.00	1.41	0.72		1.00	35.00	292.00
			1004408	228.00	229.15	1.15	0.31		0.50	119.00	213.00
			1004409	229.15	229.80	0.65	0.06		0.50	70.00	138.00
			1004411	229.80	230.76	0.96	0.22		0.50	34.00	157.00
1004412	230.76	231.27	0.51	0.09		3.00	899.00	3458.00			
1004413	231.27	232.44	1.17	0.16		2.00	102.00	148.00			
1004414	232.44	233.60	1.16	0.07		1.00	29.00	61.00			
1004415	233.60	235.10	1.50	0.04		0.50	20.00	27.00			

DETAILED LOG

Hole Number: TL11168

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
235.10	289.84	BMS, Biotite Muscovite Schist BMS zone, weakly ser, with local sulphide stringers (py, sph, gln) and highly fractured fault zone with minor gouge from 266.5-267.67m.	1004416	235.10	236.59	1.49	0.27		1.00	61.00	101.00
			1004417	236.59	237.67	1.08	0.41		1.00	37.00	122.00
			1004418	237.67	239.17	1.50	0.51		2.00	58.00	89.00
			1004419	239.17	240.67	1.50	0.26		1.00	77.00	153.00
			1004421	240.67	241.57	0.90	0.36		10.00	2514.00	3357.00
			1004422	241.57	242.57	1.00	0.05		0.50	120.00	388.00
			1004423	242.57	243.48	0.91	0.05		0.50	44.00	275.00
			1004424	243.48	244.41	0.93	0.04		0.50	88.00	116.00
			1004425	244.41	245.47	1.06	0.05		0.50	53.00	63.00
			1004426	244.41	245.47	1.06	0.09		0.50	42.00	85.00
			1004427	245.47	246.22	0.75	0.05		2.00	403.00	1356.00
			1004428	246.22	247.72	1.50	0.08		0.50	50.00	69.00
			1004429	247.72	249.22	1.50	0.12		4.00	613.00	652.00
			1004431	249.22	250.72	1.50	0.30		1.00	172.00	360.00
			1004432	250.72	252.22	1.50	0.23		0.50	199.00	404.00
			1004433	252.22	253.72	1.50	0.14		0.50	25.00	124.00
			1212395	275.22	276.72	1.50	0.02		0.50	23.00	57.00
			1212396	275.22	276.72	1.50	0.04		2.00	18.00	49.00
			1212397	276.72	278.22	1.50	0.01		0.50	42.00	93.00
			1212398	278.22	278.72	0.50	0.26		2.00	704.00	2729.00
			1212399	278.72	279.38	0.66	0.01		1.00	23.00	47.00
			1212401	279.38	280.84	1.46	0.00		0.50	23.00	45.00
			1212402	280.84	282.34	1.50	0.03		0.50	55.00	433.00
			1212403	282.34	283.84	1.50	0.00		0.50	25.00	75.00
			1004434	283.84	285.34	1.50	0.02		1.00	200.00	218.00
1004435	285.34	286.84	1.50	0.07		4.00	1198.00	2625.00			
1004436	286.84	288.34	1.50	0.03		0.50	26.00	110.00			
1004437	288.34	289.84	1.50	0.28		5.00	254.00	215.00			
289.84	298.61	MSS, Muscovite Sericite Schist MSS C-zone, strongly sericitized, with rare sulphide stringers (py, po).	1004438	289.84	290.78	0.94	0.32		2.00	106.00	218.00
			1004439	290.78	291.61	0.83	0.06		0.50	36.00	98.00
			1004441	291.61	292.61	1.00	0.41		0.50	22.00	64.00
			1004442	292.61	293.61	1.00	0.33		0.50	27.00	60.00
			1004443	293.61	294.61	1.00	0.19		1.00	27.00	142.00
			1004444	294.61	295.61	1.00	0.04		0.50	28.00	52.00
			1004445	295.61	296.61	1.00	0.23		0.50	23.00	56.00
			1004446	295.61	296.61	1.00	0.11		0.50	22.00	59.00
			1004447	296.61	297.61	1.00	0.03		0.50	54.00	102.00
			1004448	297.61	298.61	1.00	0.02		0.50	12.00	42.00

DETAILED LOG

Hole Number: TL11168

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
298.61	312.00	BMS, Biotite Muscovite Schist Footwall BMS, generally wkly ser but with 2 sections of mineralized (sph, py, gln stringers) strongly ser MSS. 312m EOH.	1004449	298.61	300.11	1.50	0.02		0.50	18.00	49.00
			1004451	300.11	301.61	1.50	0.01		0.50	13.00	37.00
			1004452	301.61	303.11	1.50	0.01		0.50	13.00	42.00
			1004453	303.11	304.67	1.56	0.02		0.50	10.00	35.00
			1004454	304.67	305.85	1.18	0.03		0.50	7.00	19.00
			1004455	305.85	307.60	1.75	0.02		0.50	10.00	27.00
			1004456	307.60	308.60	1.00	0.05		2.00	188.00	264.00
			1004457	308.60	309.55	0.95	1.26		2.00	485.00	758.00
			1004458	309.55	310.80	1.25	0.01		0.50	22.00	54.00
		1004459	310.80	312.00	1.20	0.01		0.50	9.00	46.00	

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1212317	114.20	115.70	0.0470		0.5000	95.0000	157.0000
1212318	115.70	116.70	0.0210		1.0000	70.0000	85.0000
1212319	116.70	117.70	0.0150		0.5000	55.0000	52.0000
1212321	117.70	118.70	0.0220		0.5000	44.0000	49.0000
1212322	118.70	119.47	0.0260		1.0000	147.0000	285.0000
1212323	119.47	120.34	0.0240		0.5000	37.0000	73.0000
1212324	120.34	120.95	0.0350		0.5000	98.0000	290.0000
1212325	120.95	122.35	0.2340		0.5000	38.0000	94.0000
1212326	122.35	123.35	0.1630		5.0000	126.0000	181.0000
1212327	123.35	124.13	0.0120		0.5000	43.0000	63.0000
1212328	124.13	124.63	0.0420		0.5000	30.0000	94.0000
1212329	124.63	125.16	0.0110		0.5000	16.0000	30.0000
1212331	125.16	125.88	0.0080		0.5000	41.0000	40.0000
1212332	125.88	126.74	0.0540		0.5000	28.0000	44.0000
1212333	126.74	127.74	0.0800		0.5000	25.0000	58.0000
1212334	127.74	128.74	0.0260		6.0000	26.0000	64.0000
1212335	128.74	129.74	0.0210		0.5000	29.0000	77.0000
1212337	129.74	130.74	0.0200		2.0000	26.0000	55.0000
1212338	130.74	131.74	0.0110		3.0000	10.0000	47.0000
1212339	131.74	133.24	0.0110		0.5000	8.0000	44.0000
1212341	133.24	134.74	0.0140		3.0000	13.0000	51.0000
1212342	134.74	136.24	0.0130		0.5000	85.0000	288.0000
1212343	136.24	137.74	0.0320		0.5000	31.0000	68.0000
1212344	137.74	139.24	0.0320		0.5000	22.0000	62.0000
1212345	139.24	140.74	0.0550		0.5000	72.0000	108.0000
1212346	140.74	141.74	0.0310		0.5000	40.0000	62.0000

Hole Number: TL11168

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1212347	141.74	143.24	0.0260		1.0000	32.0000	69.0000
1212348	143.24	144.74	0.0160		0.5000	34.0000	73.0000
1212349	144.74	145.74	0.0730		2.0000	56.0000	465.0000
1212351	145.74	146.74	0.0280		0.5000	70.0000	578.0000
1212352	146.74	148.10	0.0950		0.5000	27.0000	376.0000
1212353	148.10	149.60	0.0200		0.5000	22.0000	60.0000
1212354	149.60	151.09	0.0210		6.0000	24.0000	63.0000
1212355	151.09	152.48	0.0550		0.5000	105.0000	200.0000
1212357	152.48	153.08	1.2660		1.0000	1832.0000	8611.0000
1212358	153.08	154.08	0.3860		0.5000	401.0000	218.0000
1212359	154.08	155.08	0.4200		0.5000	136.0000	289.0000
1212361	155.08	156.15	0.1260		0.5000	46.0000	100.0000
1212362	156.15	157.15	0.0430		0.5000	20.0000	36.0000
1212363	157.15	158.15	0.1190		0.5000	603.0000	446.0000
1212364	158.15	159.30	0.2620		0.5000	506.0000	569.0000
1212365	159.30	160.80	0.0130		0.5000	29.0000	71.0000
1212366	160.80	162.30	0.0630		0.5000	25.0000	67.0000
1212367	162.30	163.80	7.7560		5.0000	26.0000	82.0000
1212368	163.80	165.30	0.0630		1.0000	18.0000	73.0000
1212369	165.30	166.80	0.0180		6.0000	16.0000	59.0000
1212371	166.80	168.47	0.0180		0.5000	16.0000	57.0000
1212372	168.47	169.97	0.1440		3.0000	23.0000	99.0000
1212373	169.97	171.47	0.0660		0.5000	16.0000	68.0000
1212374	171.47	171.97	0.4020		0.5000	46.0000	397.0000
1212375	171.97	172.60	2.6500		2.0000	130.0000	1823.0000
1212377	172.60	173.60	0.3440		0.5000	172.0000	888.0000
1212378	173.60	174.60	0.1480		0.5000	86.0000	225.0000
1212379	174.60	175.60	0.2880		2.0000	124.0000	481.0000
1212381	175.60	177.10	0.1040		0.5000	27.0000	70.0000
1212382	177.10	178.60	0.0630		0.5000	28.0000	121.0000
1212383	178.60	180.10	0.0590		0.5000	26.0000	122.0000
1212384	180.10	181.60	0.0040		0.5000	35.0000	99.0000
1212385	181.60	183.10	0.0050		0.5000	43.0000	77.0000
1212386	183.10	183.93	0.0080		0.5000	19.0000	44.0000
1212387	183.93	184.77	0.0100		1.0000	39.0000	50.0000
1212388	184.77	186.27	0.0210		4.0000	21.0000	61.0000
1212389	186.27	187.77	0.0390		0.5000	25.0000	54.0000
1212391	187.77	189.27	0.0360		3.0000	29.0000	46.0000
1212392	189.27	189.98	0.0470		4.0000	26.0000	68.0000

Hole Number: TL11168

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1212393	189.98	191.48	0.4650		0.5000	31.0000	74.0000
1212394	191.48	192.98	0.5740		0.5000	32.0000	49.0000
1004369	192.98	194.48	0.0760		1.0000	31.0000	152.0000
1004371	194.48	195.48	0.0160		0.5000	13.0000	48.0000
1004372	195.48	196.48	0.0780		0.5000	19.0000	58.0000
1004373	196.48	197.30	0.0090		0.5000	18.0000	60.0000
1004374	197.30	198.30	0.0150		1.0000	14.0000	70.0000
1004375	198.30	199.50	0.0230		0.5000	17.0000	64.0000
1004376	199.50	200.70	0.0350		0.5000	27.0000	61.0000
1004377	200.70	201.70	2.0550		8.0000	654.0000	514.0000
1004378	201.70	202.70	1.2420		13.0000	748.0000	2196.0000
1004379	202.70	203.60	0.8510		0.5000	37.0000	106.0000
1004381	203.60	204.40	1.3660		0.5000	77.0000	87.0000
1004382	204.40	205.35	1.5910		1.0000	200.0000	251.0000
1004383	205.35	206.02	1.3710		3.0000	449.0000	971.0000
1004384	206.02	207.50	0.0920		2.0000	68.0000	153.0000
1004385	207.50	209.00	0.2010		3.0000	98.0000	279.0000
1004387	209.00	210.40	0.1230		1.0000	59.0000	123.0000
1004388	210.40	211.40	1.9070		2.0000	414.0000	754.0000
1004389	211.40	212.40	1.0160		0.5000	157.0000	244.0000
1004391	212.40	213.90	0.0760		0.5000	87.0000	191.0000
1004392	213.90	214.87	1.3000		3.0000	1195.0000	2967.0000
1004393	214.87	215.85	5.0630	5.6150	5.0000	4589.0000	9629.0000
1004394	215.85	216.83	0.4050		2.0000	887.0000	1002.0000
1004395	216.83	217.81	0.2540		1.0000	412.0000	569.0000
1004396	217.81	218.31	0.5340		3.0000	1168.0000	6530.0000
1004397	218.31	218.82	0.1400		0.5000	406.0000	914.0000
1004398	218.82	219.63	0.1350		0.5000	152.0000	913.0000
1004399	219.63	220.43	0.3040		0.5000	136.0000	268.0000
1004401	220.43	221.34	1.0750		5.0000	2718.0000	6719.0000
1004402	221.34	222.86	0.4900		5.0000	1731.0000	2311.0000
1004403	222.86	224.33	0.1950		1.0000	303.0000	502.0000
1004404	224.33	225.70	0.1060		0.5000	136.0000	268.0000
1004405	225.70	226.59	0.4500		0.5000	104.0000	114.0000
1004407	226.59	228.00	0.7230		1.0000	35.0000	292.0000
1004408	228.00	229.15	0.3080		0.5000	119.0000	213.0000
1004409	229.15	229.80	0.0580		0.5000	70.0000	138.0000
1004411	229.80	230.76	0.2180		0.5000	34.0000	157.0000
1004412	230.76	231.27	0.0880		3.0000	899.0000	3458.0000

Hole Number: TL11168

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004413	231.27	232.44	0.1570		2.0000	102.0000	148.0000
1004414	232.44	233.60	0.0700		1.0000	29.0000	61.0000
1004415	233.60	235.10	0.0440		0.5000	20.0000	27.0000
1004416	235.10	236.59	0.2720		1.0000	61.0000	101.0000
1004417	236.59	237.67	0.4060		1.0000	37.0000	122.0000
1004418	237.67	239.17	0.5120		2.0000	58.0000	89.0000
1004419	239.17	240.67	0.2560		1.0000	77.0000	153.0000
1004421	240.67	241.57	0.3610		10.0000	2514.0000	3357.0000
1004422	241.57	242.57	0.0540		0.5000	120.0000	388.0000
1004423	242.57	243.48	0.0460		0.5000	44.0000	275.0000
1004424	243.48	244.41	0.0350		0.5000	88.0000	116.0000
1004425	244.41	245.47	0.0520		0.5000	53.0000	63.0000
1004427	245.47	246.22	0.0490		2.0000	403.0000	1356.0000
1004428	246.22	247.72	0.0800		0.5000	50.0000	69.0000
1004429	247.72	249.22	0.1210		4.0000	613.0000	652.0000
1004431	249.22	250.72	0.2960		1.0000	172.0000	360.0000
1004432	250.72	252.22	0.2270		0.5000	199.0000	404.0000
1004433	252.22	253.72	0.1400		0.5000	25.0000	124.0000
1212395	275.22	276.72	0.0240		0.5000	23.0000	57.0000
1212397	276.72	278.22	0.0080		0.5000	42.0000	93.0000
1212398	278.22	278.72	0.2590		2.0000	704.0000	2729.0000
1212399	278.72	279.38	0.0080		1.0000	23.0000	47.0000
1212401	279.38	280.84	0.0005		0.5000	23.0000	45.0000
1212402	280.84	282.34	0.0260		0.5000	55.0000	433.0000
1212403	282.34	283.84	0.0030		0.5000	25.0000	75.0000
1004434	283.84	285.34	0.0240		1.0000	200.0000	218.0000
1004435	285.34	286.84	0.0740		4.0000	1198.0000	2625.0000
1004436	286.84	288.34	0.0260		0.5000	26.0000	110.0000
1004437	288.34	289.84	0.2830		5.0000	254.0000	215.0000
1004438	289.84	290.78	0.3240		2.0000	106.0000	218.0000
1004439	290.78	291.61	0.0620		0.5000	36.0000	98.0000
1004441	291.61	292.61	0.4070		0.5000	22.0000	64.0000
1004442	292.61	293.61	0.3260		0.5000	27.0000	60.0000
1004443	293.61	294.61	0.1880		1.0000	27.0000	142.0000
1004444	294.61	295.61	0.0420		0.5000	28.0000	52.0000
1004445	295.61	296.61	0.2330		0.5000	23.0000	56.0000
1004447	296.61	297.61	0.0340		0.5000	54.0000	102.0000
1004448	297.61	298.61	0.0180		0.5000	12.0000	42.0000
1004449	298.61	300.11	0.0150		0.5000	18.0000	49.0000

Hole Number: TL11168

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004451	300.11	301.61	0.0120		0.5000	13.0000	37.0000
1004452	301.61	303.11	0.0100		0.5000	13.0000	42.0000
1004453	303.11	304.67	0.0150		0.5000	10.0000	35.0000
1004454	304.67	305.85	0.0260		0.5000	7.0000	19.0000
1004455	305.85	307.60	0.0170		0.5000	10.0000	27.0000
1004456	307.60	308.60	0.0520		2.0000	188.0000	264.0000
1004457	308.60	309.55	1.2620		2.0000	485.0000	758.0000
1004458	309.55	310.80	0.0130		0.5000	22.0000	54.0000
1004459	310.80	312.00	0.0110		0.5000	9.0000	46.0000
Sample Type	CDUP						
1212336	128.74	129.74	0.0260		0.5000	26.0000	94.0000
1212356	151.09	152.48	0.0480		0.5000	85.0000	174.0000
1212376	171.97	172.60	3.2350		5.0000	166.0000	2352.0000
1004386	207.50	209.00	0.1750		1.0000	43.0000	204.0000
1004406	225.70	226.59	0.2560		0.5000	77.0000	120.0000
1004426	244.41	245.47	0.0890		0.5000	42.0000	85.0000
1212396	275.22	276.72	0.0380		2.0000	18.0000	49.0000
1004446	295.61	296.61	0.1050		0.5000	22.0000	59.0000

# DETAILED LOG

Hole Number: TL11169

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511773.45	North:	Collar Az: 315.00
Location: Zealand Township	East: 528297.69	East:	Length: 499.00
	Elev: 391.62	Elev:	Start Depth: 0.00
Date Started: May 29, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: May 31, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 499.00

Comments: Hangingwall MSS zone, very strongly sericitized, with some py-sph stringers.  
 Hangingwall MSS zone, very strongly sericitized, but poorly mineralized.  
 Strongly sericitized footwall MSS zone, with diss py and rare sulphide stringers (py, sph).  
 Footwall MSS zone, very strongly sericitized but poorly mineralized (2-3% diss py).  
 MSS C-zone, moderately to very strongly ser, strongly sil locally. With py-sph-qln-po stringers.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	316.00	-65.00	EZ Sho	OK	No temp recorded	33.00	317.00	-64.20	EZ Sho	OK	No temp recorded
54.00	316.60	-63.80	EZ Sho	OK		102.00	317.60	-63.10	EZ Sho	OK	
150.00	318.90	-62.00	EZ Sho	OK		201.00	320.60	-61.50	EZ Sho	OK	
258.00	322.10	-60.20	EZ Sho	OK		300.00	323.70	-59.00	EZ Sho	OK	
354.00	325.10	-56.90	EZ Sho	OK		399.00	326.70	-55.40	EZ Sho	OK	
456.00	328.70	-54.40	EZ Sho	OK		498.00	331.50	-52.60	EZ Sho	OK	

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	8.50	OB, Overburden									
8.50	66.37	BS, Biotite Schist Very fine grained, unaltered BS. Very poorly mineralized.									
66.37	332.31	BMS, Biotite Muscovite Schist Hangingwall BMS zone, very wkly sericitized. Very poorly mineralized, with only very localized sph/ank stringers	1004615	251.65	253.15	1.50	0.02		0.50	34.00	92.00
			1004616	253.15	253.65	0.50	0.05		0.50	1685.00	2110.00
			1004617	253.65	254.75	1.10	0.01		0.50	49.00	126.00
			1004618	254.75	256.25	1.50	0.03		0.50	30.00	72.00
			1004619	282.53	284.03	1.50	0.01		0.50	10.00	29.00
			1004621	284.03	285.00	0.97	0.02		0.50	21.00	159.00
			1004622	285.00	286.00	1.00	0.02		0.50	32.00	428.00
			1004623	286.00	287.00	1.00	0.03		0.50	44.00	173.00
			1004624	287.00	288.00	1.00	0.04		0.50	117.00	423.00
			1004626	288.00	289.52	1.52	0.02		0.50	15.00	50.00
			1004625	288.00	289.52	1.52	0.02		0.50	17.00	50.00
			1004627	289.52	291.00	1.48	0.03		0.50	13.00	83.00
			1004628	330.81	332.31	1.50	0.10		0.50	36.00	58.00



## DETAILED LOG

Hole Number: TL11169

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
332.31	337.71	MSS, Muscovite Sericite Schist Hangingwall MSS zone, very strongly sericitized, with some py-sph stringers.	1004629	332.31	333.31	1.00	0.03		0.50	27.00	54.00
			1004631	333.31	334.31	1.00	0.09		0.50	65.00	728.00
			1004632	334.31	335.31	1.00	0.02		0.50	25.00	86.00
			1004633	335.31	336.31	1.00	0.02		0.50	27.00	109.00
			1004634	336.31	337.71	1.40	0.02		0.50	13.00	12.00
337.71	345.82	BMS, Biotite Muscovite Schist BMS zone, very wkly altered and poorly mineralized.	1004635	337.71	339.21	1.50	0.04		0.50	11.00	50.00
			1004636	339.21	340.71	1.50	0.05		0.50	25.00	85.00
			1004637	340.71	342.21	1.50	0.05		0.50	19.00	62.00
			1004638	342.21	343.21	1.00	0.02		0.50	20.00	66.00
			1004639	343.21	344.32	1.11	0.03		0.50	30.00	83.00
			1004641	344.32	345.82	1.50	0.02		0.50	17.00	33.00
345.82	352.35	MSS, Muscovite Sericite Schist Hangingwall MSS zone, very strongly sericitized, but poorly mineralized.	1004642	345.82	346.90	1.08	0.04		0.50	13.00	19.00
			1004643	346.90	348.00	1.10	0.02		0.50	9.00	21.00
			1004644	348.00	349.09	1.09	0.02		0.50	34.00	91.00
			1004645	349.09	350.18	1.09	0.01		0.50	10.00	14.00
			1004646	349.09	350.18	1.09	0.01		0.50	11.00	16.00
			1004647	350.18	351.27	1.09	0.02		0.50	8.00	16.00
			1004648	351.27	352.35	1.08	0.02		0.50	8.00	22.00
352.35	389.96	BMS, Biotite Muscovite Schist Wkly ser BMS (local strong ser). Poorly mineralized.	1004649	352.35	353.85	1.50	0.03		0.50	9.00	57.00
			1004651	353.85	355.35	1.50	0.03		0.50	8.00	42.00
			1004652	355.35	356.85	1.50	0.01		0.50	16.00	54.00
			1004653	356.85	358.35	1.50	0.02		0.50	71.00	209.00
			1004654	358.35	359.84	1.49	0.02		0.50	31.00	105.00
			1004655	359.84	360.84	1.00	0.10		0.50	332.00	289.00
			1004656	360.84	361.84	1.00	0.05		0.50	76.00	94.00
			1004657	361.84	362.83	0.99	0.03		0.50	28.00	35.00
			1004658	362.83	364.33	1.50	0.03		0.50	12.00	23.00
			1004659	378.85	380.27	1.42	0.01		0.50	34.00	50.00
			1004661	380.27	381.77	1.50	0.13		1.00	122.00	285.00
			1004662	381.77	383.24	1.47	0.20		3.00	106.00	415.00
			1004663	383.24	384.74	1.50	0.28		0.50	26.00	87.00
			1004664	384.74	386.24	1.50	0.29		8.00	61.00	227.00
			1004665	386.24	387.74	1.50	0.40		4.00	57.00	117.00
			1004666	386.24	387.74	1.50	0.19		3.00	49.00	90.00
			1004667	387.74	388.46	0.72	0.99		2.00	140.00	246.00
			1004668	388.46	389.96	1.50	0.58		1.00	147.00	486.00

DETAILED LOG

Hole Number: TL11169

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
389.96	425.58	MSS, Muscovite Sericite Schist	1004669	389.96	390.96	1.00	0.57		1.00	233.00	484.00
		Strongly sericityzed footwall MSS zone, with diss py and rare sulphide stringers (py, sph).	1004671	390.96	391.96	1.00	0.20		0.50	48.00	109.00
			1004672	391.96	392.96	1.00	0.33		0.50	48.00	80.00
			1004673	392.96	393.90	0.94	0.14		0.50	30.00	71.00
			1004674	393.90	395.20	1.30	0.16		0.50	31.00	63.00
			1004675	395.20	396.44	1.24	0.28		0.50	173.00	275.00
			1004676	396.44	397.44	1.00	0.74		0.50	54.00	90.00
			1004677	397.44	398.44	1.00	0.25		0.50	55.00	51.00
			1004678	398.44	399.44	1.00	0.70		2.00	73.00	235.00
			1004679	399.44	400.44	1.00	1.27		0.50	135.00	180.00
			1004681	400.44	401.44	1.00	0.49		0.50	63.00	101.00
			1004682	401.44	402.44	1.00	0.33		0.50	49.00	68.00
			1004683	402.44	403.69	1.25	0.09		0.50	27.00	50.00
			1004684	403.69	404.69	1.00	0.12		0.50	25.00	105.00
			1004685	404.69	405.69	1.00	0.45		5.00	44.00	96.00
			1004686	404.69	405.69	1.00	0.27		1.00	36.00	44.00
			1004687	405.69	406.69	1.00	0.58		12.00	186.00	1215.00
			1004688	406.69	407.69	1.00	0.11		0.50	60.00	82.00
			1004689	407.69	408.64	0.95	31.67	34.79	15.00	701.00	1007.00
			1004691	408.64	410.09	1.45	1.08		1.00	49.00	79.00
			1004692	410.09	411.49	1.40	0.02		0.50	12.00	83.00
			1004693	411.49	412.73	1.24	0.02		0.50	6.00	28.00
			1004694	412.73	414.00	1.27	0.01		0.50	4.00	18.00
			1004695	414.00	415.00	1.00	0.02		1.00	47.00	64.00
			1004696	415.00	416.00	1.00	0.01		0.50	36.00	77.00
			1004697	416.00	417.00	1.00	0.01		0.50	18.00	34.00
			1004698	417.00	417.58	0.58	0.15		20.00	57.00	988.00
			1004699	417.58	418.58	1.00	0.06		2.00	46.00	132.00
			1004701	418.58	419.58	1.00	0.07		4.00	49.00	64.00
			1004702	419.58	420.58	1.00	0.06		0.50	21.00	23.00
			1004703	420.58	421.58	1.00	0.09		0.50	31.00	64.00
			1004704	421.58	422.58	1.00	0.05		0.50	33.00	42.00
			1004705	422.58	423.58	1.00	0.12		7.00	61.00	57.00
			1004706	422.58	423.58	1.00	0.07		2.00	38.00	64.00
			1004707	423.58	424.58	1.00	0.02		0.50	48.00	74.00
			1004708	424.58	425.58	1.00	0.01		0.50	17.00	76.00

## DETAILED LOG

Hole Number: TL11169

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
425.58	439.84	BMS, Biotite Muscovite Schist	1004709	425.58	427.12	1.54	0.01		0.50	10.00	86.0
			1004711	427.12	428.61	1.49	0.01		0.50	12.00	18.0
			1004712	428.61	429.85	1.24	0.01		0.50	13.00	23.0
			1004713	429.85	430.61	0.76	0.01		0.50	15.00	36.0
			1004714	430.61	432.00	1.39	0.00		0.50	15.00	32.0
			1004715	432.00	433.35	1.35	0.00		0.50	16.00	34.0
			1004716	433.35	434.51	1.16	0.01		0.50	9.00	22.0
			1004717	434.51	435.68	1.17	0.01		0.50	14.00	35.0
			1004718	435.68	437.15	1.47	0.03		0.50	17.00	53.0
			1004719	437.15	438.52	1.37	0.03		0.50	20.00	64.0
		1004721	438.52	439.84	1.32	0.02		3.00	21.00	57.0	
439.84	446.07	MSS, Muscovite Sericite Schist Footwall MSS zone, very strongly sericitized but poorly mineralized (2-3% diss py).	1004722	439.84	440.84	1.00	0.01		0.50	11.00	44.0
			1004723	440.84	441.84	1.00	0.01		0.50	15.00	53.0
			1004724	441.84	442.53	0.69	0.01		0.50	16.00	51.0
			1004725	442.53	443.53	1.00	0.01		0.50	38.00	141.0
			1004726	442.53	443.53	1.00	0.01		0.50	127.00	418.0
			1004727	443.53	444.10	0.57	0.02		0.50	19.00	51.0
			1004728	444.10	445.10	1.00	0.13		0.50	21.00	34.0
			1004729	445.10	446.07	0.97	0.02		0.50	17.00	30.0
446.07	467.57	BMS, Biotite Muscovite Schist Wkly sericitized BMS zone, with local strong fracturing and/or v. strong ser. Poorly mineralized	1004731	446.07	447.57	1.50	0.02		0.50	15.00	60.0
			1004732	447.57	448.69	1.12	0.01		0.50	10.00	36.0
			1004733	448.69	449.50	0.81	0.01		0.50	5.00	8.0
			1004734	449.50	451.00	1.50	0.01		0.50	9.00	30.0
			1004735	464.60	466.10	1.50	0.03		0.50	15.00	47.0
			1004736	466.10	467.57	1.47	0.04		0.50	19.00	60.0

DETAILED LOG

Hole Number: TL11169

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
467.57	490.03	MSS, Muscovite Sericite Schist MSS C-zone, moderately to very strongly ser, strongly sil locally. With py-sph-gln-po stringers.	1004737	467.57	468.57	1.00	0.08		0.50	22.00	50.00
			1004738	468.57	469.54	0.97	0.43		0.50	121.00	689.00
			1004739	469.54	470.54	1.00	0.11		0.50	33.00	64.00
			1004741	470.54	471.54	1.00	0.17		0.50	18.00	46.00
			1004742	471.54	472.54	1.00	0.15		0.50	37.00	77.00
			1004743	472.54	473.54	1.00	0.07		0.50	37.00	74.00
			1004744	473.54	474.45	0.91	0.11		0.50	21.00	31.00
			1004745	474.45	475.27	0.82	0.17		0.50	15.00	38.00
			1004746	474.45	475.27	0.82	0.13		0.50	16.00	32.00
			1004747	475.27	476.27	1.00	0.06		0.50	16.00	56.00
			1004748	476.27	477.27	1.00	0.13		0.50	14.00	35.00
			1004749	477.27	478.15	0.88	0.13		0.50	13.00	33.00
			1004751	478.15	478.80	0.65	0.08		0.50	19.00	247.00
			1004752	478.80	479.80	1.00	0.39		0.50	63.00	1344.00
			1004753	479.80	480.68	0.88	0.23		0.50	65.00	852.00
			1004754	480.68	481.33	0.65	0.12		0.50	25.00	84.00
			1004755	481.33	482.48	1.15	0.04		0.50	39.00	111.00
			1004756	482.48	483.48	1.00	0.04		0.50	47.00	156.00
			1004757	483.48	484.48	1.00	0.04		3.00	1131.00	2525.00
			1004758	484.48	485.48	1.00	0.01		0.50	59.00	90.00
1004759	485.48	486.50	1.02	0.01		0.50	28.00	72.00			
1004761	486.50	487.50	1.00	0.02		0.50	103.00	72.00			
1004762	487.50	489.00	1.50	0.05		0.50	45.00	91.00			
1004763	489.00	490.03	1.03	0.23		0.50	30.00	1072.00			
490.03	499.00	BMS, Biotite Muscovite Schist Footwall BMS, very wkly ser. With somewhat mineralized 12cm chl-ep-act? vein at 495.10-495.22, containing microfracturing. Otherwise poorly mineralized. EOH @ 599m.	1004764	490.03	491.53	1.50	0.02		0.50	30.00	127.00
			1004765	491.53	492.90	1.37	0.05		0.50	22.00	47.00
			1004766	491.53	492.90	1.37	0.04		0.50	21.00	49.00
			1004767	492.90	493.73	0.83	1.12		0.50	14.00	397.00
			1004768	493.73	495.00	1.27	0.03		0.50	15.00	133.00
			1004769	495.00	495.25	0.25	0.07		0.50	15.00	155.00
			1004771	495.25	496.75	1.50	0.09		0.50	43.00	910.00
			1004772	496.75	498.20	1.45	0.02		0.50	12.00	49.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004615	251.65	253.15	0.0210		0.5000	34.0000	92.0000
1004616	253.15	253.65	0.0460		0.5000	1685.0000	2110.0000
1004617	253.65	254.75	0.0130		0.5000	49.0000	126.0000
1004618	254.75	256.25	0.0270		0.5000	30.0000	72.0000
1004619	282.53	284.03	0.0060		0.5000	10.0000	29.0000
1004621	284.03	285.00	0.0220		0.5000	21.0000	159.0000

Hole Number: TL11169

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004622	285.00	286.00	0.0190		0.5000	32.0000	428.0000
1004623	286.00	287.00	0.0300		0.5000	44.0000	173.0000
1004624	287.00	288.00	0.0430		0.5000	117.0000	423.0000
1004625	288.00	289.52	0.0170		0.5000	17.0000	50.0000
1004627	289.52	291.00	0.0310		0.5000	13.0000	83.0000
1004628	330.81	332.31	0.0980		0.5000	36.0000	58.0000
1004629	332.31	333.31	0.0320		0.5000	27.0000	54.0000
1004631	333.31	334.31	0.0940		0.5000	65.0000	728.0000
1004632	334.31	335.31	0.0160		0.5000	25.0000	86.0000
1004633	335.31	336.31	0.0230		0.5000	27.0000	109.0000
1004634	336.31	337.71	0.0170		0.5000	13.0000	12.0000
1004635	337.71	339.21	0.0390		0.5000	11.0000	50.0000
1004636	339.21	340.71	0.0490		0.5000	25.0000	85.0000
1004637	340.71	342.21	0.0520		0.5000	19.0000	62.0000
1004638	342.21	343.21	0.0220		0.5000	20.0000	66.0000
1004639	343.21	344.32	0.0320		0.5000	30.0000	83.0000
1004641	344.32	345.82	0.0220		0.5000	17.0000	33.0000
1004642	345.82	346.90	0.0350		0.5000	13.0000	19.0000
1004643	346.90	348.00	0.0150		0.5000	9.0000	21.0000
1004644	348.00	349.09	0.0170		0.5000	34.0000	91.0000
1004645	349.09	350.18	0.0100		0.5000	10.0000	14.0000
1004647	350.18	351.27	0.0160		0.5000	8.0000	16.0000
1004648	351.27	352.35	0.0200		0.5000	8.0000	22.0000
1004649	352.35	353.85	0.0260		0.5000	9.0000	57.0000
1004651	353.85	355.35	0.0260		0.5000	8.0000	42.0000
1004652	355.35	356.85	0.0120		0.5000	16.0000	54.0000
1004653	356.85	358.35	0.0190		0.5000	71.0000	209.0000
1004654	358.35	359.84	0.0190		0.5000	31.0000	105.0000
1004655	359.84	360.84	0.0990		0.5000	332.0000	289.0000
1004656	360.84	361.84	0.0460		0.5000	76.0000	94.0000
1004657	361.84	362.83	0.0270		0.5000	28.0000	35.0000
1004658	362.83	364.33	0.0280		0.5000	12.0000	23.0000
1004659	378.85	380.27	0.0110		0.5000	34.0000	50.0000
1004661	380.27	381.77	0.1310		1.0000	122.0000	285.0000
1004662	381.77	383.24	0.2040		3.0000	106.0000	415.0000
1004663	383.24	384.74	0.2770		0.5000	26.0000	87.0000
1004664	384.74	386.24	0.2910		8.0000	61.0000	227.0000
1004665	386.24	387.74	0.3950		4.0000	57.0000	117.0000
1004667	387.74	388.46	0.9850		2.0000	140.0000	246.0000

Hole Number: TL11169

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004668	388.46	389.96	0.5770		1.0000	147.0000	486.0000
1004669	389.96	390.96	0.5700		1.0000	233.0000	484.0000
1004671	390.96	391.96	0.2030		0.5000	48.0000	109.0000
1004672	391.96	392.96	0.3330		0.5000	48.0000	80.0000
1004673	392.96	393.90	0.1400		0.5000	30.0000	71.0000
1004674	393.90	395.20	0.1610		0.5000	31.0000	63.0000
1004675	395.20	396.44	0.2770		0.5000	173.0000	275.0000
1004676	396.44	397.44	0.7430		0.5000	54.0000	90.0000
1004677	397.44	398.44	0.2450		0.5000	55.0000	51.0000
1004678	398.44	399.44	0.6960		2.0000	73.0000	235.0000
1004679	399.44	400.44	1.2730		0.5000	135.0000	180.0000
1004681	400.44	401.44	0.4910		0.5000	63.0000	101.0000
1004682	401.44	402.44	0.3250		0.5000	49.0000	68.0000
1004683	402.44	403.69	0.0860		0.5000	27.0000	50.0000
1004684	403.69	404.69	0.1190		0.5000	25.0000	105.0000
1004685	404.69	405.69	0.4500		5.0000	44.0000	96.0000
1004687	405.69	406.69	0.5760		12.0000	186.0000	1215.0000
1004688	406.69	407.69	0.1100		0.5000	60.0000	82.0000
1004689	407.69	408.64	31.6710	34.7900	15.0000	701.0000	1007.0000
1004691	408.64	410.09	1.0810		1.0000	49.0000	79.0000
1004692	410.09	411.49	0.0190		0.5000	12.0000	83.0000
1004693	411.49	412.73	0.0200		0.5000	6.0000	28.0000
1004694	412.73	414.00	0.0100		0.5000	4.0000	18.0000
1004695	414.00	415.00	0.0180		1.0000	47.0000	64.0000
1004696	415.00	416.00	0.0120		0.5000	36.0000	77.0000
1004697	416.00	417.00	0.0130		0.5000	18.0000	34.0000
1004698	417.00	417.58	0.1490		20.0000	57.0000	988.0000
1004699	417.58	418.58	0.0620		2.0000	46.0000	132.0000
1004701	418.58	419.58	0.0650		4.0000	49.0000	64.0000
1004702	419.58	420.58	0.0610		0.5000	21.0000	23.0000
1004703	420.58	421.58	0.0850		0.5000	31.0000	64.0000
1004704	421.58	422.58	0.0470		0.5000	33.0000	42.0000
1004705	422.58	423.58	0.1240		7.0000	61.0000	57.0000
1004707	423.58	424.58	0.0240		0.5000	48.0000	74.0000
1004708	424.58	425.58	0.0130		0.5000	17.0000	76.0000
1004709	425.58	427.12	0.0140		0.5000	10.0000	86.0000
1004711	427.12	428.61	0.0060		0.5000	12.0000	18.0000
1004712	428.61	429.85	0.0100		0.5000	13.0000	23.0000
1004713	429.85	430.61	0.0080		0.5000	15.0000	36.0000

Hole Number: TL11169

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004714	430.61	432.00	0.0030		0.5000	15.0000	32.0000
1004715	432.00	433.35	0.0030		0.5000	16.0000	34.0000
1004716	433.35	434.51	0.0100		0.5000	9.0000	22.0000
1004717	434.51	435.68	0.0120		0.5000	14.0000	35.0000
1004718	435.68	437.15	0.0270		0.5000	17.0000	53.0000
1004719	437.15	438.52	0.0260		0.5000	20.0000	64.0000
1004721	438.52	439.84	0.0160		3.0000	21.0000	57.0000
1004722	439.84	440.84	0.0070		0.5000	11.0000	44.0000
1004723	440.84	441.84	0.0120		0.5000	15.0000	53.0000
1004724	441.84	442.53	0.0130		0.5000	16.0000	51.0000
1004725	442.53	443.53	0.0100		0.5000	38.0000	141.0000
1004727	443.53	444.10	0.0170		0.5000	19.0000	51.0000
1004728	444.10	445.10	0.1310		0.5000	21.0000	34.0000
1004729	445.10	446.07	0.0190		0.5000	17.0000	30.0000
1004731	446.07	447.57	0.0240		0.5000	15.0000	60.0000
1004732	447.57	448.69	0.0080		0.5000	10.0000	36.0000
1004733	448.69	449.50	0.0090		0.5000	5.0000	8.0000
1004734	449.50	451.00	0.0070		0.5000	9.0000	30.0000
1004735	464.60	466.10	0.0310		0.5000	15.0000	47.0000
1004736	466.10	467.57	0.0360		0.5000	19.0000	60.0000
1004737	467.57	468.57	0.0830		0.5000	22.0000	50.0000
1004738	468.57	469.54	0.4340		0.5000	121.0000	689.0000
1004739	469.54	470.54	0.1070		0.5000	33.0000	64.0000
1004741	470.54	471.54	0.1650		0.5000	18.0000	46.0000
1004742	471.54	472.54	0.1500		0.5000	37.0000	77.0000
1004743	472.54	473.54	0.0670		0.5000	37.0000	74.0000
1004744	473.54	474.45	0.1070		0.5000	21.0000	31.0000
1004745	474.45	475.27	0.1660		0.5000	15.0000	38.0000
1004747	475.27	476.27	0.0580		0.5000	16.0000	56.0000
1004748	476.27	477.27	0.1260		0.5000	14.0000	35.0000
1004749	477.27	478.15	0.1340		0.5000	13.0000	33.0000
1004751	478.15	478.80	0.0770		0.5000	19.0000	247.0000
1004752	478.80	479.80	0.3870		0.5000	63.0000	1344.0000
1004753	479.80	480.68	0.2290		0.5000	65.0000	852.0000
1004754	480.68	481.33	0.1200		0.5000	25.0000	84.0000
1004755	481.33	482.48	0.0350		0.5000	39.0000	111.0000
1004756	482.48	483.48	0.0400		0.5000	47.0000	156.0000
1004757	483.48	484.48	0.0410		3.0000	1131.0000	2525.0000
1004758	484.48	485.48	0.0110		0.5000	59.0000	90.0000

Hole Number: TL11169

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004759	485.48	486.50	0.0050		0.5000	28.0000	72.0000
1004761	486.50	487.50	0.0180		0.5000	103.0000	72.0000
1004762	487.50	489.00	0.0520		0.5000	45.0000	91.0000
1004763	489.00	490.03	0.2300		0.5000	30.0000	1072.0000
1004764	490.03	491.53	0.0170		0.5000	30.0000	127.0000
1004765	491.53	492.90	0.0480		0.5000	22.0000	47.0000
1004767	492.90	493.73	1.1190		0.5000	14.0000	397.0000
1004768	493.73	495.00	0.0290		0.5000	15.0000	133.0000
1004769	495.00	495.25	0.0650		0.5000	15.0000	155.0000
1004771	495.25	496.75	0.0900		0.5000	43.0000	910.0000
1004772	496.75	498.20	0.0220		0.5000	12.0000	49.0000
Sample Type	CDUP						
1004626	288.00	289.52	0.0220		0.5000	15.0000	50.0000
1004646	349.09	350.18	0.0110		0.5000	11.0000	16.0000
1004666	386.24	387.74	0.1930		3.0000	49.0000	90.0000
1004686	404.69	405.69	0.2650		1.0000	36.0000	44.0000
1004706	422.58	423.58	0.0740		2.0000	38.0000	64.0000
1004726	442.53	443.53	0.0110		0.5000	127.0000	418.0000
1004746	474.45	475.27	0.1300		0.5000	16.0000	32.0000
1004766	491.53	492.90	0.0410		0.5000	21.0000	49.0000



# DETAILED LOG

Hole Number: TL11170

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: 66.00
Project Number: TMI-TL	North: 5511679.90	North:	Collar Az: 312.00
Location: Zealand Township	East: 528273.12	East:	Length: 558.00
	Elev: 390.93	Elev:	Start Depth: 0.00
Date Started: May 26, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: May 29, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 558.00

Comments: Hangingwall MSS zone, strongly ser but with only a few sulphide stringers (py, sph, po).  
 Hangingwall MSS zone, very strongly ser, with many sulphide stringers (py, po, sph).  
 Atypical main MSS zone. Generally moderately sericitized but very irregular alteration, with local patches of very strong sericite. Mineralization is weak and patchy, with some localized good looking sulphide stringers/bands (py, sph, gln, po, cpy). Suspect VG @476.00m  
 Strongly ser MSS C-zone, with local sulphide stringers (py, sph).

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	317.00	-65.00	EZ Sho	OK		15.00	317.70	-64.80	EZ Sho	OK	
54.00	319.90	-63.30	EZ Sho	OK		105.00	321.80	-62.50	EZ Sho	OK	
150.00	322.80	-61.60	EZ Sho	OK		201.00	323.60	-60.50	EZ Sho	OK	
255.00	326.50	-59.60	EZ Sho	OK		300.00	327.60	-58.70	EZ Sho	OK	
360.00	328.30	-57.90	EZ Sho	OK		399.00	330.00	-56.80	EZ Sho	OK	
450.00	330.60	-56.00	EZ Sho	OK		504.00	332.30	-54.90	EZ Sho	OK	
558.00	333.90	-53.10	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	10.57	OB, Overburden									
10.57	185.51	MSED, Metasediment Massive to foliated MSEDs, ranging from v. fg to mg events. Relatively unaltered. Very poorly mineralized.									
185.51	359.46	BMS, Biotite Muscovite Schist Hangingwall BMS unit, very wkly sericitized, with only localized sulphide stringers (py, sph, gln, po +/- cpy)	1004461	301.25	302.75	1.50	0.12		1.00	10.00	273.00
			1004462	302.75	303.34	0.59	1.65		8.00	10.00	1388.00
			1004463	303.34	304.84	1.50	0.66		5.00	11.00	1292.00
			1004464	304.84	306.34	1.50	0.03		0.50	7.00	207.00
			1004466	325.72	327.22	1.50	0.03		0.50	14.00	294.00
			1004465	325.72	327.22	1.50	0.02		0.50	9.00	296.00
			1004467	327.22	327.72	0.50	0.59		10.00	1228.00	10755.00
			1004468	327.72	329.22	1.50	0.40		2.00	39.00	656.00
			1004469	356.46	357.96	1.50	0.02		0.50	188.00	469.00
			1004471	357.96	359.46	1.50	0.04		2.00	96.00	118.00

## DETAILED LOG

Hole Number: TL11170

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
359.46	365.55	MSS, Muscovite Sericite Schist Hangingwall MSS zone, strongly ser but with only a few sulphide stringers (py, sph, po).	1004472	359.46	360.46	1.00	0.03		2.00	90.00	116.00
			1004473	360.46	361.57	1.11	0.02		0.50	22.00	54.00
			1004474	361.57	362.68	1.11	0.02		1.00	18.00	30.00
			1004475	362.68	363.68	1.00	0.02		0.50	17.00	307.00
			1004476	363.68	364.68	1.00	0.01		1.00	16.00	712.00
			1004477	364.68	365.55	0.87	0.02		0.50	4.00	57.00
365.55	431.16	BMS, Biotite Muscovite Schist Hangingwall BMS, very weakly ser and poorly mineralized.	1004478	365.55	367.05	1.50	0.03		0.50	7.00	85.00
			1004479	367.05	368.55	1.50	0.02		0.50	11.00	82.00
			1004481	404.98	405.48	0.50	0.08		1.00	23.00	111.00
			1004482	405.48	406.56	1.08	0.14		2.00	24.00	159.00
			1004483	406.56	408.06	1.50	0.12		0.50	54.00	201.00
			1004484	428.16	429.66	1.50	0.10		1.00	29.00	108.00
			1004485	429.66	431.16	1.50	0.57		2.00	42.00	123.00
431.16	438.33	MSS, Muscovite Sericite Schist Hangingwall MSS zone, very strongly ser, with many sulphide stringers (py, po, sph).	1004487	431.16	432.22	1.06	0.21		3.00	138.00	541.00
			1004488	432.22	433.45	1.23	0.12		2.00	188.00	416.00
			1004489	433.45	434.72	1.27	0.05		1.00	42.00	150.00
			1004491	434.72	435.72	1.00	0.02		0.50	16.00	50.00
			1004492	435.72	436.61	0.89	0.02		0.50	56.00	77.00
			1004493	436.61	437.44	0.83	0.01		0.50	31.00	102.00
			1004494	437.44	438.33	0.89	0.01		0.50	23.00	81.00
438.33	443.62	BMS, Biotite Muscovite Schist Very wkly ser BMS, poorly mineralized.	1004495	438.33	439.50	1.17	0.04		0.50	24.00	105.00
			1004496	439.50	440.86	1.36	0.55		0.50	20.00	114.00
			1004497	440.86	442.22	1.36	0.19		0.50	25.00	112.00
			1004498	442.22	443.62	1.40	0.14		0.50	21.00	109.00

## DETAILED LOG

Hole Number: TL11170

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
443.62	489.11	MSS, Muscovite Sericite Schist	1004499	443.62	444.62	1.00	0.02		0.50	11.00	46.00
		Atypical main MSS zone. Generally moderately sericitized but very irregular alteration, with local patches of very strong sericite. Mineralization is weak and patchy, with some localized good looking sulphide stringers/bands (py, sph, gln, po, cpy). Suspect VG @476.00m	1004501	444.62	445.62	1.00	0.03		0.50	6.00	66.00
			1004502	445.62	446.45	0.83	0.02		0.50	8.00	58.00
			1004503	446.45	447.43	0.98	0.02		0.50	17.00	67.00
			1004504	447.43	448.30	0.87	0.02		0.50	11.00	80.00
			1004505	448.30	449.30	1.00	0.02		0.50	6.00	43.00
			1004506	448.30	449.30	1.00	0.02		0.50	10.00	46.00
			1004507	449.30	450.47	1.17	0.03		0.50	5.00	55.00
			1004508	450.47	452.04	1.57	0.03		0.50	6.00	81.00
			1004509	452.04	453.61	1.57	0.02		0.50	9.00	112.00
			1004511	453.61	454.61	1.00	0.07		0.50	10.00	90.00
			1004512	454.61	455.61	1.00	0.05		0.50	42.00	194.00
			1004513	455.61	456.61	1.00	0.05		0.50	27.00	143.00
			1004514	456.61	457.57	0.96	0.07		1.00	38.00	111.00
			1004515	457.57	458.47	0.90	0.05		0.50	43.00	279.00
			1004516	458.47	459.37	0.90	0.03		0.50	21.00	82.00
			1004517	459.37	460.29	0.92	0.04		0.50	9.00	71.00
			1004518	460.29	461.22	0.93	0.02		0.50	11.00	81.00
			1004519	461.22	462.08	0.86	0.02		0.50	8.00	65.00
			1004521	462.08	463.08	1.00	0.04		0.50	11.00	562.00
			1004522	463.08	464.00	0.92	0.06		1.00	35.00	409.00
			1004523	464.00	465.00	1.00	0.08		0.50	27.00	136.00
			1004524	465.00	466.03	1.03	0.02		0.50	29.00	1529.00
			1004525	466.03	466.95	0.92	0.02		1.00	30.00	657.00
			1004526	466.03	466.95	0.92	0.04		2.00	28.00	247.00
			1004527	466.95	467.63	0.68	0.03		0.50	52.00	155.00
			1004528	467.63	468.63	1.00	0.01		0.50	54.00	158.00
			1004529	468.63	469.63	1.00	1.74		0.50	37.00	399.00
			1004531	469.63	470.44	0.81	0.03		1.00	28.00	209.00
			1004532	470.44	471.50	1.06	0.04		4.00	733.00	423.00
			1004533	471.50	472.50	1.00	0.01		0.50	52.00	128.00
			1004534	472.50	473.50	1.00	0.01		0.50	11.00	75.00
			1004535	473.50	474.50	1.00	0.01		0.50	21.00	108.00
			1004536	474.50	475.78	1.28	0.07		4.00	392.00	1455.00
			1004537	475.78	476.51	0.73	0.35		11.00	1061.00	1919.00
			1004538	476.51	477.52	1.01	0.01		0.50	75.00	144.00
			1004539	477.52	478.39	0.87	0.01		0.50	21.00	78.00
			1004541	478.39	479.40	1.01	0.04		1.00	55.00	201.00
			1004542	479.40	480.42	1.02	0.05		0.50	55.00	141.00
			1004543	480.42	481.40	0.98	0.74		2.00	233.00	319.00
			1004544	481.40	482.44	1.04	0.14		1.00	61.00	183.00
			1004546	482.44	483.68	1.24	0.04		2.00	49.00	341.00
			1004545	482.44	483.68	1.24	0.02		1.00	47.00	308.00

## DETAILED LOG

Hole Number: TL11170

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1004547	483.68	484.76	1.08	0.05		5.00	27.00	145.00
			1004548	484.76	485.51	0.75	0.10		1.00	56.00	148.00
			1004549	485.51	486.22	0.71	3.41		25.00	3255.00	7586.00
			1004551	486.22	487.14	0.92	0.21		0.50	40.00	85.00
			1004552	487.14	488.01	0.87	0.24		9.00	461.00	729.00
			1004553	488.01	489.11	1.10	0.87		4.00	294.00	778.00
489.11	510.51	BMS, Biotite Muscovite Schist	1004554	489.11	490.61	1.50	0.43		2.00	90.00	223.00
		Weakly ser BMS zone with local patches of strong ser. Very localized mineralization (sph, py, po stringers) from 498.54-499.05m.	1004555	490.61	492.11	1.50	0.46		0.50	52.00	134.00
			1004556	492.11	493.32	1.21	1.17		0.50	50.00	139.00
			1004557	493.32	494.42	1.10	0.53		2.00	59.00	183.00
			1004558	494.42	495.37	0.95	10.40	12.52	3.00	153.00	114.00
			1004559	495.37	496.87	1.50	0.18		2.00	24.00	105.00
			1004561	496.87	498.54	1.67	0.08		1.00	55.00	175.00
			1004562	498.54	499.05	0.51	0.15		2.00	94.00	246.00
			1004563	499.05	500.55	1.50	0.03		0.50	26.00	90.00
			1004564	500.55	502.05	1.50	0.03		1.00	14.00	85.00
			1004565	502.05	503.55	1.50	0.02		1.00	11.00	124.00
			1004566	502.05	503.55	1.50	0.02		1.00	11.00	104.00
			1004567	503.55	505.05	1.50	0.01		1.00	8.00	70.00
			1004568	505.05	506.55	1.50	0.03		3.00	45.00	130.00
			1004569	506.55	507.80	1.25	0.01		1.00	20.00	82.00
			1004571	507.80	509.25	1.45	0.01		1.00	10.00	78.00
			1004572	509.25	510.51	1.26	0.02		1.00	23.00	102.00

## DETAILED LOG

Hole Number: TL11170

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
510.51	534.63	BMS, Biotite Muscovite Schist Moderately ser BMS with local patch of very strong ser, wkly mineralized.	1004573	510.51	511.73	1.22	0.80		12.00	266.00	748.00
			1004574	511.73	512.94	1.21	0.06		1.00	24.00	89.00
			1004575	512.94	514.44	1.50	0.03		1.00	13.00	69.00
			1004576	514.44	515.75	1.31	0.02		0.50	21.00	63.00
			1004577	515.75	516.90	1.15	0.04		0.50	12.00	67.00
			1004578	516.90	517.84	0.94	0.02		1.00	18.00	57.00
			1004579	517.84	519.34	1.50	0.01		1.00	18.00	57.00
			1004581	519.34	520.84	1.50	0.01		0.50	13.00	61.00
			1004582	520.84	522.00	1.16	0.01		0.50	10.00	57.00
			1004583	522.00	523.38	1.38	0.01		0.50	21.00	90.00
			1004584	523.38	524.75	1.37	0.01		0.50	11.00	72.00
			1004585	524.75	526.25	1.50	0.03		1.00	19.00	83.00
			1004586	524.75	526.25	1.50	0.01		1.00	14.00	76.00
			1004587	526.25	527.25	1.00	0.01		0.50	10.00	69.00
			1004588	527.25	528.27	1.02	0.01		0.50	9.00	58.00
			1004589	528.27	529.25	0.98	0.01		0.50	4.00	22.00
			1004591	529.25	530.25	1.00	0.01		0.50	7.00	40.00
			1004592	530.25	531.25	1.00	0.01		0.50	9.00	56.00
			1004593	531.25	533.75	2.50	0.01		0.50	18.00	106.00
			1004594	533.75	534.00	0.25	0.02		0.50	16.00	51.00
1004595	534.00	534.63	0.63	0.08		1.00	45.00	99.00			
534.63	542.27	MSS, Muscovite Sericite Schist Strongly ser MSS C-zone, with local sulphide stringers (py, sph).	1004596	534.63	535.40	0.77	0.06		1.00	128.00	553.00
			1004597	535.40	536.37	0.97	0.04		2.00	33.00	114.00
			1004598	536.37	537.28	0.91	0.01		0.50	15.00	117.00
			1004599	537.28	538.25	0.97	0.01		1.00	13.00	85.00
			1004601	538.25	539.21	0.96	0.01		1.00	23.00	90.00
			1004602	539.21	540.21	1.00	0.01		0.50	13.00	77.00
			1004603	540.21	541.21	1.00	0.11		7.00	42.00	280.00
			1004604	541.21	542.27	1.06	0.07		2.00	38.00	165.00
542.27	558.00	BMS, Biotite Muscovite Schist Wkly ser BMS footwall zone, with local 55cm sections of very strongly ser and some py stringers. EOH @ 558m.	1004606	542.27	543.80	1.53	0.02		2.00	19.00	76.00
			1004605	542.27	543.80	1.53	0.02		2.00	15.00	76.00
			1004607	543.80	545.30	1.50	0.03		2.00	29.00	109.00
			1004608	552.00	553.35	1.35	0.06		2.00	34.00	105.00
			1004609	553.35	553.69	0.34	0.11		0.50	19.00	80.00
			1004611	553.69	555.00	1.31	0.03		0.50	25.00	75.00
			1004612	555.00	556.05	1.05	0.02		0.50	16.00	69.00
			1004613	556.05	557.15	1.10	0.02		0.50	19.00	88.00
1004614	557.15	558.00	0.85	0.08		1.00	48.00	165.00			

Hole Number: TL11170

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004461	301.25	302.75	0.1180		1.0000	10.0000	273.0000
1004462	302.75	303.34	1.6490		8.0000	10.0000	1388.0000
1004463	303.34	304.84	0.6570		5.0000	11.0000	1292.0000
1004464	304.84	306.34	0.0330		0.5000	7.0000	207.0000
1004465	325.72	327.22	0.0220		0.5000	9.0000	296.0000
1004467	327.22	327.72	0.5890		10.0000	1228.0000	10755.0000
1004468	327.72	329.22	0.4000		2.0000	39.0000	656.0000
1004469	356.46	357.96	0.0180		0.5000	188.0000	469.0000
1004471	357.96	359.46	0.0360		2.0000	96.0000	118.0000
1004472	359.46	360.46	0.0270		2.0000	90.0000	116.0000
1004473	360.46	361.57	0.0230		0.5000	22.0000	54.0000
1004474	361.57	362.68	0.0160		1.0000	18.0000	30.0000
1004475	362.68	363.68	0.0210		0.5000	17.0000	307.0000
1004476	363.68	364.68	0.0110		1.0000	16.0000	712.0000
1004477	364.68	365.55	0.0160		0.5000	4.0000	57.0000
1004478	365.55	367.05	0.0270		0.5000	7.0000	85.0000
1004479	367.05	368.55	0.0200		0.5000	11.0000	82.0000
1004481	404.98	405.48	0.0760		1.0000	23.0000	111.0000
1004482	405.48	406.56	0.1390		2.0000	24.0000	159.0000
1004483	406.56	408.06	0.1160		0.5000	54.0000	201.0000
1004484	428.16	429.66	0.0960		1.0000	29.0000	108.0000
1004485	429.66	431.16	0.5670		2.0000	42.0000	123.0000
1004487	431.16	432.22	0.2130		3.0000	138.0000	541.0000
1004488	432.22	433.45	0.1160		2.0000	188.0000	416.0000
1004489	433.45	434.72	0.0540		1.0000	42.0000	150.0000
1004491	434.72	435.72	0.0170		0.5000	16.0000	50.0000
1004492	435.72	436.61	0.0200		0.5000	56.0000	77.0000
1004493	436.61	437.44	0.0090		0.5000	31.0000	102.0000
1004494	437.44	438.33	0.0140		0.5000	23.0000	81.0000
1004495	438.33	439.50	0.0440		0.5000	24.0000	105.0000
1004496	439.50	440.86	0.5520		0.5000	20.0000	114.0000
1004497	440.86	442.22	0.1900		0.5000	25.0000	112.0000
1004498	442.22	443.62	0.1400		0.5000	21.0000	109.0000
1004499	443.62	444.62	0.0200		0.5000	11.0000	46.0000
1004501	444.62	445.62	0.0290		0.5000	6.0000	66.0000
1004502	445.62	446.45	0.0210		0.5000	8.0000	58.0000
1004503	446.45	447.43	0.0180		0.5000	17.0000	67.0000
1004504	447.43	448.30	0.0180		0.5000	11.0000	80.0000
1004505	448.30	449.30	0.0190		0.5000	6.0000	43.0000

Hole Number: TL11170

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004507	449.30	450.47	0.0330		0.5000	5.0000	55.0000
1004508	450.47	452.04	0.0340		0.5000	6.0000	81.0000
1004509	452.04	453.61	0.0240		0.5000	9.0000	112.0000
1004511	453.61	454.61	0.0670		0.5000	10.0000	90.0000
1004512	454.61	455.61	0.0480		0.5000	42.0000	194.0000
1004513	455.61	456.61	0.0540		0.5000	27.0000	143.0000
1004514	456.61	457.57	0.0680		1.0000	38.0000	111.0000
1004515	457.57	458.47	0.0540		0.5000	43.0000	279.0000
1004516	458.47	459.37	0.0250		0.5000	21.0000	82.0000
1004517	459.37	460.29	0.0350		0.5000	9.0000	71.0000
1004518	460.29	461.22	0.0190		0.5000	11.0000	81.0000
1004519	461.22	462.08	0.0230		0.5000	8.0000	65.0000
1004521	462.08	463.08	0.0440		0.5000	11.0000	562.0000
1004522	463.08	464.00	0.0550		1.0000	35.0000	409.0000
1004523	464.00	465.00	0.0780		0.5000	27.0000	136.0000
1004524	465.00	466.03	0.0230		0.5000	29.0000	1529.0000
1004525	466.03	466.95	0.0230		1.0000	30.0000	657.0000
1004527	466.95	467.63	0.0270		0.5000	52.0000	155.0000
1004528	467.63	468.63	0.0140		0.5000	54.0000	158.0000
1004529	468.63	469.63	1.7420		0.5000	37.0000	399.0000
1004531	469.63	470.44	0.0320		1.0000	28.0000	209.0000
1004532	470.44	471.50	0.0350		4.0000	733.0000	423.0000
1004533	471.50	472.50	0.0110		0.5000	52.0000	128.0000
1004534	472.50	473.50	0.0070		0.5000	11.0000	75.0000
1004535	473.50	474.50	0.0110		0.5000	21.0000	108.0000
1004536	474.50	475.78	0.0680		4.0000	392.0000	1455.0000
1004537	475.78	476.51	0.3480		11.0000	1061.0000	1919.0000
1004538	476.51	477.52	0.0060		0.5000	75.0000	144.0000
1004539	477.52	478.39	0.0130		0.5000	21.0000	78.0000
1004541	478.39	479.40	0.0360		1.0000	55.0000	201.0000
1004542	479.40	480.42	0.0500		0.5000	55.0000	141.0000
1004543	480.42	481.40	0.7430		2.0000	233.0000	319.0000
1004544	481.40	482.44	0.1380		1.0000	61.0000	183.0000
1004545	482.44	483.68	0.0230		1.0000	47.0000	308.0000
1004547	483.68	484.76	0.0460		5.0000	27.0000	145.0000
1004548	484.76	485.51	0.1040		1.0000	56.0000	148.0000
1004549	485.51	486.22	3.4110		25.0000	3255.0000	7586.0000
1004551	486.22	487.14	0.2060		0.5000	40.0000	85.0000
1004552	487.14	488.01	0.2380		9.0000	461.0000	729.0000

Hole Number: TL11170

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004553	488.01	489.11	0.8700		4.0000	294.0000	778.0000
1004554	489.11	490.61	0.4300		2.0000	90.0000	223.0000
1004555	490.61	492.11	0.4620		0.5000	52.0000	134.0000
1004556	492.11	493.32	1.1730		0.5000	50.0000	139.0000
1004557	493.32	494.42	0.5250		2.0000	59.0000	183.0000
1004558	494.42	495.37	10.3980	12.5190	3.0000	153.0000	114.0000
1004559	495.37	496.87	0.1760		2.0000	24.0000	105.0000
1004561	496.87	498.54	0.0750		1.0000	55.0000	175.0000
1004562	498.54	499.05	0.1460		2.0000	94.0000	246.0000
1004563	499.05	500.55	0.0260		0.5000	26.0000	90.0000
1004564	500.55	502.05	0.0270		1.0000	14.0000	85.0000
1004565	502.05	503.55	0.0180		1.0000	11.0000	124.0000
1004567	503.55	505.05	0.0100		1.0000	8.0000	70.0000
1004568	505.05	506.55	0.0300		3.0000	45.0000	130.0000
1004569	506.55	507.80	0.0090		1.0000	20.0000	82.0000
1004571	507.80	509.25	0.0100		1.0000	10.0000	78.0000
1004572	509.25	510.51	0.0200		1.0000	23.0000	102.0000
1004573	510.51	511.73	0.7960		12.0000	266.0000	748.0000
1004574	511.73	512.94	0.0590		1.0000	24.0000	89.0000
1004575	512.94	514.44	0.0340		1.0000	13.0000	69.0000
1004576	514.44	515.75	0.0240		0.5000	21.0000	63.0000
1004577	515.75	516.90	0.0380		0.5000	12.0000	67.0000
1004578	516.90	517.84	0.0190		1.0000	18.0000	57.0000
1004579	517.84	519.34	0.0100		1.0000	18.0000	57.0000
1004581	519.34	520.84	0.0080		0.5000	13.0000	61.0000
1004582	520.84	522.00	0.0060		0.5000	10.0000	57.0000
1004583	522.00	523.38	0.0080		0.5000	21.0000	90.0000
1004584	523.38	524.75	0.0100		0.5000	11.0000	72.0000
1004585	524.75	526.25	0.0290		1.0000	19.0000	83.0000
1004587	526.25	527.25	0.0080		0.5000	10.0000	69.0000
1004588	527.25	528.27	0.0060		0.5000	9.0000	58.0000
1004589	528.27	529.25	0.0070		0.5000	4.0000	22.0000
1004591	529.25	530.25	0.0100		0.5000	7.0000	40.0000
1004592	530.25	531.25	0.0100		0.5000	9.0000	56.0000
1004593	531.25	533.75	0.0110		0.5000	18.0000	106.0000
1004594	533.75	534.00	0.0180		0.5000	16.0000	51.0000
1004595	534.00	534.63	0.0840		1.0000	45.0000	99.0000
1004596	534.63	535.40	0.0630		1.0000	128.0000	553.0000
1004597	535.40	536.37	0.0350		2.0000	33.0000	114.0000



Hole Number: TL11170

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004598	536.37	537.28	0.0120		0.5000	15.0000	117.0000
1004599	537.28	538.25	0.0080		1.0000	13.0000	85.0000
1004601	538.25	539.21	0.0090		1.0000	23.0000	90.0000
1004602	539.21	540.21	0.0120		0.5000	13.0000	77.0000
1004603	540.21	541.21	0.1130		7.0000	42.0000	280.0000
1004604	541.21	542.27	0.0680		2.0000	38.0000	165.0000
1004605	542.27	543.80	0.0170		2.0000	15.0000	76.0000
1004607	543.80	545.30	0.0290		2.0000	29.0000	109.0000
1004608	552.00	553.35	0.0550		2.0000	34.0000	105.0000
1004609	553.35	553.69	0.1070		0.5000	19.0000	80.0000
1004611	553.69	555.00	0.0280		0.5000	25.0000	75.0000
1004612	555.00	556.05	0.0160		0.5000	16.0000	69.0000
1004613	556.05	557.15	0.0170		0.5000	19.0000	88.0000
1004614	557.15	558.00	0.0760		1.0000	48.0000	165.0000
Sample Type	CDUP						
1004466	325.72	327.22	0.0250		0.5000	14.0000	294.0000
1004486	429.66	431.16	0.0610		2.0000	38.0000	117.0000
1004506	448.30	449.30	0.0170		0.5000	10.0000	46.0000
1004526	466.03	466.95	0.0350		2.0000	28.0000	247.0000
1004546	482.44	483.68	0.0420		2.0000	49.0000	341.0000
1004566	502.05	503.55	0.0220		1.0000	11.0000	104.0000
1004586	524.75	526.25	0.0110		1.0000	14.0000	76.0000
1004606	542.27	543.80	0.0170		2.0000	19.0000	76.0000

# DETAILED LOG

Hole Number: TL11171

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -50.00
Project Number: TMI-TL	North: 5511610.18	North:	Collar Az: 355.00
Location: Zealand Township	East: 527239.91	East:	Length: 363.00
	Elev: 397.90	Elev:	Start Depth: 0.00
Date Started: May 25, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed:	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 363.00

Comments: Well mineralized MSS main zone with alternating sections of well sericitized and poorly sericitized core. Abundant weak folds from the beginning of the interval to ~254.78m. Microshearing and a microfault are found between 260.11-267.7m. Local hematite staining and sillimanite crystals along a qtz vein. Very well mineralized section from 262.15-263.35m with 2-3% galena, 2-3% cp, 6-7% sph possible electrum as fracture fill at the end of this section. Poorly mineralized MSS C-zone. 3-4% diss py, 1-2% sph stringers and trace cp and pent. Alternating sections of moderately sericitized and strongly sericitized core.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	355.00	-50.50	EZ Sho'	OK		21.00	355.00	-50.50	EZ Sho'	OK	
54.00	355.60	-50.60	EZ Sho'	OK		102.00	356.80	-50.50	EZ Sho'	OK	
156.00	358.40	-50.70	EZ Sho'	OK		204.00	358.40	-49.80	EZ Sho'	OK	
253.00	359.60	-48.50	EZ Sho'	OK	No roll recorded	303.00	0.10	-47.00	EZ Sho'	OK	No roll or temp recorded
354.00	1.00	-45.80	EZ Sho'	OK		363.00	1.60	-45.60	EZ Sho'	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	3.00	OB, Overburden									
3.00	105.18	BS, Biotite Schist Typical BS interval. Very little mineralization. Local potassic and ch/ep altn. Uncommon qtz veins.									
105.18	150.37	BMS, Biotite Muscovite Schist	1006843	149.37	150.37	1.00	0.10		0.50	493.00	723.00
150.37	159.34	MSS, Muscovite Sericite Schist	1006844	150.37	151.37	1.00	6.96	6.32	0.50	674.00	2426.00
			1006845	151.37	152.37	1.00	4.23		0.50	1065.00	2100.00
			1006846	151.37	152.37	1.00	0.16		2.00	1157.00	2802.00
			1006847	152.37	153.71	1.34	0.16		0.50	553.00	555.00
			1006848	153.71	154.71	1.00	0.34		0.50	738.00	1348.00
			1006849	154.71	155.71	1.00	0.02		0.50	84.00	231.00
			1006851	155.71	157.15	1.44	0.10		9.00	205.00	381.00
			1006852	157.15	158.34	1.19	0.08		0.50	90.00	318.00
			1006853	158.34	159.34	1.00	0.05		0.50	26.00	126.00
159.34	212.60	BMS, Biotite Muscovite Schist	1006854	159.34	160.34	1.00	0.07		0.50	8.00	145.00
			1006855	211.60	212.60	1.00	0.16		0.50	0.50	102.00

DETAILED LOG

Hole Number: TL11171

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
212.60	216.18	MSS, Muscovite Sericite Schist	1006856	212.60	213.60	1.00	0.09		21.00	709.00	7971.00
			1006857	213.60	214.53	0.93	0.09		31.00	222.00	2666.00
			1006858	214.53	215.36	0.83	0.15		2.00	86.00	191.00
			1006859	215.36	216.18	0.82	0.15		0.50	6.00	91.00
216.18	237.84	BMS, Biotite Muscovite Schist	1006861	216.18	217.18	1.00	0.11		0.50	2.00	107.00
			1006862	236.96	237.84	0.88	0.04		0.50	3.00	123.00

DETAILED LOG

Hole Number: TL11171

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
237.84	278.57	MSS, Muscovite Sericite Schist	1006863	237.84	238.82	0.98	0.03		0.50	9.00	95.00
		Well mineralized MSS main zone with alternating sections of well sericitized and poorly sericitized core. Abundant weak folds from the beginning of the interval to ~254.78m. Microshearing and a microfault are found between 260.11-267.7m. Local hematite staining and sillimanite crystals along a qtz vein. Very well mineralized section from 262.15-263.35m with 2-3% galena, 2-3% cp, 6-7% sph possible electrum as fracture fill at the end of this section.	1006864	238.82	239.82	1.00	0.01		0.50	0.50	597.00
			1006865	239.82	241.14	1.32	0.01		0.50	0.50	78.00
			1006866	239.82	241.14	1.32	0.02		0.50	0.50	75.00
			1006867	241.14	242.00	0.86	0.12		4.00	0.50	79.00
			1006868	242.00	243.00	1.00	0.41		3.00	91.00	288.00
			1006869	243.00	244.00	1.00	0.35		0.50	101.00	783.00
			1006871	244.00	245.10	1.10	0.39		0.50	46.00	172.00
			1006872	245.10	246.48	1.38	1.02		6.00	344.00	449.00
			1006873	246.48	247.70	1.22	0.17		0.50	58.00	53.00
			1006874	247.70	248.70	1.00	0.02		0.50	0.50	80.00
			1006875	248.70	249.65	0.95	0.09		0.50	17.00	112.00
			1006876	249.65	250.65	1.00	0.17		0.50	15.00	191.00
			1006877	250.65	251.65	1.00	0.09		0.50	6.00	205.00
			1006878	251.65	252.65	1.00	0.22		0.50	29.00	172.00
			1006879	252.65	253.49	0.84	0.34		0.50	425.00	554.00
			1006881	253.49	254.49	1.00	0.10		1.00	183.00	110.00
			1006882	254.49	255.49	1.00	0.05		0.50	125.00	442.00
			1006883	255.49	256.49	1.00	1.65		2.00	147.00	163.00
			1006884	256.49	257.49	1.00	0.61		3.00	585.00	1261.00
			1006886	257.49	258.39	0.90	0.21		2.00	419.00	174.00
			1006885	257.49	258.39	0.90	0.19		2.00	374.00	184.00
			1006887	258.39	259.20	0.81	0.80		3.00	263.00	779.00
			1006888	259.20	260.15	0.95	0.28		2.00	210.00	534.00
			1006889	260.15	261.15	1.00	0.13		2.00	173.00	406.00
			1006891	261.15	262.15	1.00	0.15		2.00	173.00	361.00
			1006892	262.15	263.35	1.20	1.39		20.00	4339.00	8934.00
			1006893	263.35	264.35	1.00	0.39		3.00	1032.00	989.00
			1006894	264.35	265.51	1.16	0.17		2.00	82.00	129.00
			1006895	265.51	266.51	1.00	0.47		2.00	14.00	26.00
			1006896	266.51	267.83	1.32	0.16		1.00	19.00	63.00
			1006897	267.83	268.80	0.97	0.18		1.00	27.00	44.00
			1006898	268.80	269.84	1.04	0.18		0.50	12.00	47.00
			1006899	269.84	270.90	1.06	0.07		2.00	35.00	143.00
			1006901	270.90	272.00	1.10	0.28		3.00	833.00	152.00
			1006902	272.00	273.25	1.25	0.23		7.00	1160.00	2595.00
			1006903	273.25	274.28	1.03	0.08		1.00	152.00	344.00
			1006904	274.28	275.33	1.05	0.06		2.00	75.00	102.00
			1006905	275.33	276.41	1.08	0.03		2.00	59.00	677.00
			1006906	275.33	276.41	1.08	0.05		2.00	163.00	1269.00
			1006907	276.41	277.57	1.16	0.01		1.00	49.00	73.00
			1006908	277.57	278.57	1.00	0.04		2.00	41.00	85.00

# DETAILED LOG

Hole Number: TL11171

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
278.57	332.76	BMS, Biotite Muscovite Schist Typical BMS interval with a few folds; two adj to qtz veins. 3-4% diss py, 2-3% sph, 1% asp and 1% po.	1006909	278.57	279.57	1.00	0.05		0.50	53.00	102.00
			1006911	282.00	283.00	1.00	3.86		2.00	261.00	585.00
			1006912	331.76	332.76	1.00	0.03		1.00	46.00	138.00
332.76	341.38	MSS, Muscovite Sericite Schist Poorly mineralized MSS C-zone. 3-4% diss py, 1-2% sph stringers and trace cp and pent. Alternating sections of moderately sericitized and strongly sericitized core.	1006913	332.76	333.64	0.88	0.80		14.00	936.00	1971.00
			1006914	333.64	334.64	1.00	0.16		3.00	132.00	329.00
			1006915	334.64	335.64	1.00	0.23		4.00	265.00	351.00
			1006916	335.64	336.96	1.32	0.03		2.00	49.00	102.00
			1006917	336.96	338.16	1.20	0.07		2.00	23.00	55.00
			1006918	338.16	339.09	0.93	0.36		2.00	24.00	144.00
			1006919	339.09	340.64	1.55	0.02		2.00	21.00	60.00
		1006921	340.64	341.38	0.74	0.02		1.00	4.00	37.00	
341.38	363.00	BMS, Biotite Muscovite Schist BMS interval with a few sections of increased ser content. A few folds in the bottom half of the interval. 2-3% diss py and 1% asp and po.	1006922	341.38	342.38	1.00	0.00		1.00	9.00	47.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006843	149.37	150.37	0.1010		0.5000	493.0000	723.0000
1006844	150.37	151.37	6.9570	6.3220	0.5000	674.0000	2426.0000
1006845	151.37	152.37	4.2280		0.5000	1065.0000	2100.0000
1006847	152.37	153.71	0.1600		0.5000	553.0000	555.0000
1006848	153.71	154.71	0.3420		0.5000	738.0000	1348.0000
1006849	154.71	155.71	0.0200		0.5000	84.0000	231.0000
1006851	155.71	157.15	0.0980		9.0000	205.0000	381.0000
1006852	157.15	158.34	0.0750		0.5000	90.0000	318.0000
1006853	158.34	159.34	0.0530		0.5000	26.0000	126.0000
1006854	159.34	160.34	0.0660		0.5000	8.0000	145.0000
1006855	211.60	212.60	0.1550		0.5000	0.5000	102.0000
1006856	212.60	213.60	0.0930		21.0000	709.0000	7971.0000
1006857	213.60	214.53	0.0890		31.0000	222.0000	2666.0000
1006858	214.53	215.36	0.1450		2.0000	86.0000	191.0000
1006859	215.36	216.18	0.1480		0.5000	6.0000	91.0000
1006861	216.18	217.18	0.1130		0.5000	2.0000	107.0000
1006862	236.96	237.84	0.0430		0.5000	3.0000	123.0000
1006863	237.84	238.82	0.0340		0.5000	9.0000	95.0000
1006864	238.82	239.82	0.0130		0.5000	0.5000	597.0000
1006865	239.82	241.14	0.0120		0.5000	0.5000	78.0000
1006867	241.14	242.00	0.1210		4.0000	0.5000	79.0000
1006868	242.00	243.00	0.4090		3.0000	91.0000	288.0000
1006869	243.00	244.00	0.3500		0.5000	101.0000	783.0000

Hole Number: TL11171

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006871	244.00	245.10	0.3930		0.5000	46.0000	172.0000
1006872	245.10	246.48	1.0210		6.0000	344.0000	449.0000
1006873	246.48	247.70	0.1660		0.5000	58.0000	53.0000
1006874	247.70	248.70	0.0160		0.5000	0.5000	80.0000
1006875	248.70	249.65	0.0930		0.5000	17.0000	112.0000
1006876	249.65	250.65	0.1650		0.5000	15.0000	191.0000
1006877	250.65	251.65	0.0880		0.5000	6.0000	205.0000
1006878	251.65	252.65	0.2210		0.5000	29.0000	172.0000
1006879	252.65	253.49	0.3420		0.5000	425.0000	554.0000
1006881	253.49	254.49	0.0980		1.0000	183.0000	110.0000
1006882	254.49	255.49	0.0470		0.5000	125.0000	442.0000
1006883	255.49	256.49	1.6530		2.0000	147.0000	163.0000
1006884	256.49	257.49	0.6080		3.0000	585.0000	1261.0000
1006885	257.49	258.39	0.1910		2.0000	374.0000	184.0000
1006887	258.39	259.20	0.7990		3.0000	263.0000	779.0000
1006888	259.20	260.15	0.2750		2.0000	210.0000	534.0000
1006889	260.15	261.15	0.1290		2.0000	173.0000	406.0000
1006891	261.15	262.15	0.1490		2.0000	173.0000	361.0000
1006892	262.15	263.35	1.3890		20.0000	4339.0000	8934.0000
1006893	263.35	264.35	0.3900		3.0000	1032.0000	989.0000
1006894	264.35	265.51	0.1680		2.0000	82.0000	129.0000
1006895	265.51	266.51	0.4670		2.0000	14.0000	26.0000
1006896	266.51	267.83	0.1580		1.0000	19.0000	63.0000
1006897	267.83	268.80	0.1800		1.0000	27.0000	44.0000
1006898	268.80	269.84	0.1800		0.5000	12.0000	47.0000
1006899	269.84	270.90	0.0730		2.0000	35.0000	143.0000
1006901	270.90	272.00	0.2780		3.0000	833.0000	152.0000
1006902	272.00	273.25	0.2250		7.0000	1160.0000	2595.0000
1006903	273.25	274.28	0.0830		1.0000	152.0000	344.0000
1006904	274.28	275.33	0.0580		2.0000	75.0000	102.0000
1006905	275.33	276.41	0.0300		2.0000	59.0000	677.0000
1006907	276.41	277.57	0.0140		1.0000	49.0000	73.0000
1006908	277.57	278.57	0.0380		2.0000	41.0000	85.0000
1006909	278.57	279.57	0.0530		0.5000	53.0000	102.0000
1006911	282.00	283.00	3.8630		2.0000	261.0000	585.0000
1006912	331.76	332.76	0.0320		1.0000	46.0000	138.0000
1006913	332.76	333.64	0.7990		14.0000	936.0000	1971.0000
1006914	333.64	334.64	0.1640		3.0000	132.0000	329.0000
1006915	334.64	335.64	0.2300		4.0000	265.0000	351.0000

Hole Number: TL11171

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006916	335.64	336.96	0.0330		2.0000	49.0000	102.0000
1006917	336.96	338.16	0.0720		2.0000	23.0000	55.0000
1006918	338.16	339.09	0.3640		2.0000	24.0000	144.0000
1006919	339.09	340.64	0.0220		2.0000	21.0000	60.0000
1006921	340.64	341.38	0.0200		1.0000	4.0000	37.0000
1006922	341.38	342.38	0.0040		1.0000	9.0000	47.0000
Sample Type	CDUP						
1006846	151.37	152.37	0.1580		2.0000	1157.0000	2802.0000
1006866	239.82	241.14	0.0160		0.5000	0.5000	75.0000
1006886	257.49	258.39	0.2120		2.0000	419.0000	174.0000
1006906	275.33	276.41	0.0460		2.0000	163.0000	1269.0000

# DETAILED LOG

Hole Number: TL11172

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511795.07	North:	Collar Az: 315.00
Location: Zealand Township	East: 528236.54	East:	Length: 462.00
	Elev: 394.13	Elev:	Start Depth: 0.00
Date Started: May 25, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jun 03, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 462.00

Comments: Main zone at 300.34-76.20m and C-zone at 401.88-426.85m. Main zone is irregular and patchy ser, best mineralization at 327-327.45m (VG bleb at 327.16m, 10%py, 3% sph, tr gln, tr cpy) and 327.45-328.05m (5% py, 1% sph, tr cpy, tr gln, tr aspy). C-zone is also patchy, best mineralization from 401.88-403m (5% py, tr sph, 2% po) and 410.91-416.05m (2% py, 1% sph).

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	314.00	-64.00	EZ Sho	OK		24.00	314.70	-63.50	EZ Sho	OK	
51.00	317.10	-61.70	EZ Sho	OK		102.00	321.80	-61.00	EZ Sho	OK	
153.00	324.50	-60.50	EZ Sho	OK		201.00	325.20	-60.10	EZ Sho	OK	
252.00	328.20	-59.40	EZ Sho	OK		306.00	328.60	-58.20	EZ Sho	OK	
354.00	329.80	-57.00	EZ Sho	OK		408.00	331.00	-54.80	EZ Sho	OK	
456.00	331.80	-53.10	EZ Sho	OK							

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	14.82	OB, Overburden Casing and boulders.									
14.82	268.91	BMS, Biotite Muscovite Schist Hangingwall BMS zone, very wkly ser and very poorly mineralized.	1004773	192.50	194.00	1.50	0.02		0.50	29.00	96.00
			1004774	194.00	195.25	1.25	0.01		0.50	271.00	1926.00
			1004775	195.25	196.75	1.50	0.00		0.50	22.00	51.00
			1004776	265.91	267.41	1.50	1.40		0.50	30.00	66.00
			1004777	267.41	268.91	1.50	0.05		0.50	30.00	75.00



## DETAILED LOG

Hole Number: TL11172

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
268.91	282.50	MSS, Muscovite Sericite Schist	1004778	268.91	270.00	1.09	0.01		0.50	74.00	70.00
		Hangingwall MSS zone. Very strongly ser (very light grey) but with alteration break from 275.12-278.5m. Poorly mineralized.	1004779	270.00	271.00	1.00	0.00		0.50	52.00	41.00
			1004781	271.00	272.00	1.00	0.00		0.50	43.00	49.00
			1004782	272.00	273.00	1.00	0.00		0.50	21.00	89.00
			1004783	273.00	274.00	1.00	0.01		0.50	40.00	171.00
			1004784	274.00	275.12	1.12	0.01		0.50	42.00	27.00
			1004786	275.12	276.25	1.13	0.27		0.50	27.00	75.00
			1004785	275.12	276.25	1.13	0.30		0.50	30.00	70.00
			1004787	276.25	277.38	1.13	0.61		1.00	71.00	220.00
			1004788	277.38	278.50	1.12	0.07		0.50	31.00	82.00
			1004789	278.50	279.50	1.00	0.01		0.50	15.00	31.00
			1004791	279.50	280.50	1.00	0.01		0.50	5.00	17.00
			1004792	280.50	281.50	1.00	0.01		0.50	11.00	17.00
			1004793	281.50	282.50	1.00	0.01		0.50	12.00	30.00
282.50	300.34	BMS, Biotite Muscovite Schist	1004794	282.50	284.00	1.50	0.02		0.50	13.00	55.00
		BMS zone. Weakly sericitized to 291.62m, then gradually increases to strong ser as it approaches lower contact with main zone. Foliation also becomes wavy as it approaches the contact. Poorly mineralized.	1004795	284.00	285.45	1.45	0.03		0.50	16.00	52.00
			1004796	297.34	298.84	1.50	0.10		0.50	27.00	39.00
			1004797	298.84	300.34	1.50	0.02		0.50	37.00	55.00

# DETAILED LOG

Hole Number: TL11172

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
300.34	376.20	MSS, Muscovite Sericite Schist	1004798	300.34	301.34	1.00	0.21		0.50	73.00	743.00
		MSS main zone. Patchy ser ranging from mod to v. strong, and patchy sil. With many fault zones. Orlation is deformed and irregular from 304.35-311.87m. Many sulphide stringers (py, sph, gln, cpy, aspy. po), and VG bleb in a semi-massive sulphide band (py, sph, gln) at 327-327.45m.	1004799	301.34	302.34	1.00	0.23		0.50	51.00	350.00
			1004801	302.34	303.35	1.01	0.14		0.50	44.00	114.00
			1004802	303.35	304.35	1.00	0.17		0.50	24.00	61.00
			1004803	304.35	305.85	1.50	0.28		2.00	165.00	165.00
			1004804	305.85	307.35	1.50	0.04		0.50	50.00	69.00
			1004805	307.35	308.85	1.50	0.04		0.50	62.00	77.00
			1004806	307.35	308.85	1.50	0.06		0.50	62.00	72.00
			1004807	308.85	310.26	1.41	0.02		0.50	60.00	64.00
			1004808	310.26	310.47	0.21	2.31		923.00	26529.00	7206.00
			1004809	310.47	311.47	1.00	0.00		3.00	203.00	79.00
			1004811	311.47	312.47	1.00	0.03		0.50	120.00	512.00
			1004812	312.47	313.47	1.00	0.07		0.50	56.00	261.00
			1004813	313.47	314.47	1.00	0.04		0.50	52.00	48.00
			1004814	314.47	315.47	1.00	0.12		0.50	91.00	85.00
			1004815	315.47	316.47	1.00	0.28		0.50	108.00	162.00
			1004816	316.47	317.47	1.00	0.24		0.50	44.00	134.00
			1004817	317.47	318.47	1.00	0.07		0.50	28.00	50.00
			1004818	318.47	319.43	0.96	0.06		0.50	46.00	98.00
			1004819	319.43	319.94	0.51	0.08		0.50	284.00	608.00
			1004821	319.94	321.30	1.36	0.10		0.50	36.00	53.00
			1004822	321.30	322.30	1.00	0.07		0.50	129.00	199.00
			1004823	322.30	323.30	1.00	0.09		0.50	26.00	42.00
			1004824	323.30	324.27	0.97	0.13		0.50	44.00	46.00
			1004825	324.27	325.27	1.00	0.05		0.50	68.00	182.00
			1004826	324.27	325.27	1.00	0.02		0.50	68.00	52.00
			1004827	325.27	326.38	1.11	0.09		0.50	51.00	100.00
			1004828	326.38	327.00	0.62	0.13	0.13	0.50	83.00	128.00
			1004829	327.00	327.45	0.45	2.92	2.91	9.00	1191.00	10531.00
			1004831	327.45	328.05	0.60	4.59	6.73	38.00	2243.00	2522.00
			1004832	328.05	329.05	1.00	0.10		0.50	71.00	68.00
			1004833	329.05	330.05	1.00	0.12		0.50	96.00	51.00
			1004834	330.05	331.05	1.00	0.07		0.50	21.00	49.00
			1004835	331.05	332.05	1.00	1.53		0.50	36.00	81.00
			1004836	332.05	332.81	0.76	0.75		0.50	97.00	184.00
			1004837	332.81	334.20	1.39	0.14		0.50	30.00	57.00
			1004838	334.20	335.60	1.40	0.16		0.50	29.00	95.00
			1004839	335.60	336.10	0.50	0.32		4.00	420.00	1151.00
			1004841	336.10	337.40	1.30	0.06		0.50	47.00	150.00
			1004842	337.40	338.40	1.00	0.04		0.50	36.00	230.00
			1004843	338.40	339.40	1.00	0.03		0.50	18.00	40.00
			1004844	339.40	340.36	0.96	0.04		0.50	15.00	57.00
			1004845	340.36	341.86	1.50	0.13		0.50	44.00	112.00

## DETAILED LOG

Hole Number: TL11172

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1004846	340.36	341.86	1.50	0.05		0.50	43.00	121.00
			1004847	341.86	342.80	0.94	1.61		32.00	331.00	236.00
			1004848	342.80	344.10	1.30	0.04		0.50	27.00	59.00
			1004849	344.10	345.60	1.50	0.03		0.50	18.00	36.00
			1004851	345.60	346.62	1.02	0.05		0.50	32.00	65.00
			1004852	346.62	347.67	1.05	0.11		4.00	83.00	139.00
			1004853	347.67	348.38	0.71	0.05		0.50	36.00	77.00
			1004854	348.38	349.45	1.07	0.01		0.50	11.00	35.00
			1004855	349.45	350.50	1.05	0.02		0.50	10.00	38.00
			1004856	350.50	351.55	1.05	0.01		0.50	10.00	48.00
			1004857	351.55	352.60	1.05	0.01		0.50	22.00	29.00
			1004858	352.60	353.10	0.50	0.95		24.00	298.00	298.00
			1004859	353.10	353.60	0.50	15.26	37.34	719.00	2243.00	1773.00
			1004861	353.60	354.60	1.00	1.07		12.00	192.00	479.00
			1004862	354.60	355.60	1.00	1.22		16.00	526.00	449.00
			1004863	355.60	356.60	1.00	0.44		6.00	116.00	446.00
			1004864	356.60	357.80	1.20	0.12		0.50	28.00	291.00
			1004866	357.80	358.94	1.14	0.02		0.50	23.00	31.00
			1004865	357.80	358.94	1.14	0.02		0.50	22.00	33.00
			1004867	358.94	360.23	1.29	0.01		0.50	23.00	37.00
			1004868	360.23	361.23	1.00	0.01		0.50	18.00	29.00
			1004869	361.23	362.23	1.00	0.06		0.50	22.00	36.00
			1004871	362.23	363.23	1.00	0.18		11.00	40.00	112.00
			1004872	363.23	363.81	0.58	0.37		25.00	103.00	119.00
			1004873	363.81	364.81	1.00	0.39		64.00	221.00	547.00
			1004874	364.81	365.81	1.00	0.02		0.50	12.00	36.00
			1004875	365.81	366.81	1.00	0.02		0.50	18.00	28.00
			1004876	366.81	367.81	1.00	0.00		0.50	14.00	21.00
			1004877	367.81	368.85	1.04	0.00		0.50	12.00	61.00
			1004878	368.85	370.35	1.50	0.00		0.50	14.00	33.00
			1004879	370.35	371.85	1.50	0.00		0.50	16.00	27.00
			1004881	371.85	373.35	1.50	0.01		0.50	17.00	42.00
			1004882	373.35	374.85	1.50	0.01		0.50	13.00	41.00
			1004883	374.85	376.20	1.35	0.01		0.50	13.00	58.00
376.20	401.88	BMS, Biotite Muscovite Schist Very wkly ser BMS zone. Poorly mineralized	1004884	376.20	377.70	1.50	0.02		0.50	21.00	64.00
			1004885	377.70	379.20	1.50	0.02		0.50	18.00	58.00
			1004886	377.70	379.20	1.50	0.01		0.50	16.00	59.00
			1004887	397.69	399.19	1.50	0.03		0.50	26.00	75.00
			1004888	399.19	400.38	1.19	0.04		0.50	35.00	81.00
			1004889	400.38	401.88	1.50	0.06		0.50	66.00	136.00

# DETAILED LOG

Hole Number: TL11172

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
401.88	426.85	MSS, Muscovite Sericite Schist Discontinuous MSS C-zone, patches of v. strong ser, with local sulphide stringers.	1004891	401.88	403.00	1.12	0.30		0.50	55.00	477.00
			1004892	403.00	404.31	1.31	0.12		0.50	40.00	140.00
			1004893	404.31	405.62	1.31	0.02		0.50	22.00	69.00
			1004894	405.62	406.62	1.00	0.14		0.50	43.00	153.00
			1004895	406.62	407.37	0.75	0.21		0.50	50.00	142.00
			1004896	407.37	408.12	0.75	0.40		0.50	47.00	90.00
			1004897	408.12	409.50	1.38	0.04		0.50	37.00	53.00
			1004898	409.50	410.91	1.41	0.04		0.50	28.00	55.00
			1004899	410.91	411.91	1.00	0.21		0.50	71.00	715.00
			1004901	411.91	413.05	1.14	0.09		0.50	91.00	270.00
			1004902	413.05	414.05	1.00	0.13		0.50	21.00	62.00
			1004903	414.05	415.05	1.00	0.11		0.50	15.00	109.00
			1004904	415.05	416.05	1.00	0.06		0.50	15.00	86.00
			1004905	416.05	416.90	0.85	0.03		0.50	19.00	99.00
			1004906	416.05	416.90	0.85	0.08		0.50	18.00	89.00
			1004907	416.90	418.25	1.35	0.05		0.50	15.00	95.00
			1004908	418.25	419.76	1.51	0.04		0.50	29.00	145.00
1004909	419.76	420.50	0.74	0.41		0.50	307.00	1856.00			
1004911	420.50	421.50	1.00	0.40		0.50	57.00	110.00			
1004912	421.50	422.83	1.33	0.10		0.50	47.00	117.00			
1004913	422.83	423.83	1.00	0.15		0.50	51.00	456.00			
1004914	423.83	424.83	1.00	0.07		0.50	70.00	333.00			
1004915	424.83	425.83	1.00	0.04		0.50	48.00	86.00			
1004916	425.83	426.85	1.02	0.06		0.50	43.00	137.00			
426.85	462.00	BMS, Biotite Muscovite Schist V.wkly ser BMS zone, with large chl-ep-sill?-sph veins from 441-441.6m. EOH @ 462m.	1004917	426.85	428.35	1.50	1.15		0.50	96.00	177.00
			1004918	428.35	429.85	1.50	0.05		0.50	56.00	93.00
			1004919	439.50	441.00	1.50	0.04		0.50	51.00	350.00
			1004921	441.00	441.60	0.60	0.04		0.50	39.00	8698.00
			1004922	441.60	443.10	1.50	0.04		0.50	23.00	545.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004773	192.50	194.00	0.0220		0.5000	29.0000	96.0000
1004774	194.00	195.25	0.0080		0.5000	271.0000	1926.0000
1004775	195.25	196.75	0.0030		0.5000	22.0000	51.0000
1004776	265.91	267.41	1.4010		0.5000	30.0000	66.0000
1004777	267.41	268.91	0.0450		0.5000	30.0000	75.0000
1004778	268.91	270.00	0.0060		0.5000	74.0000	70.0000
1004779	270.00	271.00	0.0020		0.5000	52.0000	41.0000
1004781	271.00	272.00	0.0020		0.5000	43.0000	49.0000
1004782	272.00	273.00	0.0040		0.5000	21.0000	89.0000

Hole Number: TL11172

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004783	273.00	274.00	0.0060		0.5000	40.0000	171.0000
1004784	274.00	275.12	0.0050		0.5000	42.0000	27.0000
1004785	275.12	276.25	0.3030		0.5000	30.0000	70.0000
1004787	276.25	277.38	0.6140		1.0000	71.0000	220.0000
1004788	277.38	278.50	0.0720		0.5000	31.0000	82.0000
1004789	278.50	279.50	0.0140		0.5000	15.0000	31.0000
1004791	279.50	280.50	0.0100		0.5000	5.0000	17.0000
1004792	280.50	281.50	0.0100		0.5000	11.0000	17.0000
1004793	281.50	282.50	0.0080		0.5000	12.0000	30.0000
1004794	282.50	284.00	0.0230		0.5000	13.0000	55.0000
1004795	284.00	285.45	0.0260		0.5000	16.0000	52.0000
1004796	297.34	298.84	0.0970		0.5000	27.0000	39.0000
1004797	298.84	300.34	0.0180		0.5000	37.0000	55.0000
1004798	300.34	301.34	0.2090		0.5000	73.0000	743.0000
1004799	301.34	302.34	0.2250		0.5000	51.0000	350.0000
1004801	302.34	303.35	0.1370		0.5000	44.0000	114.0000
1004802	303.35	304.35	0.1710		0.5000	24.0000	61.0000
1004803	304.35	305.85	0.2770		2.0000	165.0000	165.0000
1004804	305.85	307.35	0.0410		0.5000	50.0000	69.0000
1004805	307.35	308.85	0.0410		0.5000	62.0000	77.0000
1004807	308.85	310.26	0.0230		0.5000	60.0000	64.0000
1004808	310.26	310.47	2.3090		923.0000	26529.0000	7206.0000
1004809	310.47	311.47	0.0040		3.0000	203.0000	79.0000
1004811	311.47	312.47	0.0310		0.5000	120.0000	512.0000
1004812	312.47	313.47	0.0690		0.5000	56.0000	261.0000
1004813	313.47	314.47	0.0390		0.5000	52.0000	48.0000
1004814	314.47	315.47	0.1200		0.5000	91.0000	85.0000
1004815	315.47	316.47	0.2830		0.5000	108.0000	162.0000
1004816	316.47	317.47	0.2410		0.5000	44.0000	134.0000
1004817	317.47	318.47	0.0680		0.5000	28.0000	50.0000
1004818	318.47	319.43	0.0590		0.5000	46.0000	98.0000
1004819	319.43	319.94	0.0820		0.5000	284.0000	608.0000
1004821	319.94	321.30	0.0960		0.5000	36.0000	53.0000
1004822	321.30	322.30	0.0690		0.5000	129.0000	199.0000
1004823	322.30	323.30	0.0910		0.5000	26.0000	42.0000
1004824	323.30	324.27	0.1260		0.5000	44.0000	46.0000
1004825	324.27	325.27	0.0520		0.5000	68.0000	182.0000
1004827	325.27	326.38	0.0870		0.5000	51.0000	100.0000
1004828	326.38	327.00	0.1250	0.1330	0.5000	83.0000	128.0000

Hole Number: TL11172

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004829	327.00	327.45	2.9160	2.9090	9.0000	1191.0000	10531.0000
1004831	327.45	328.05	4.5920	6.7270	38.0000	2243.0000	2522.0000
1004832	328.05	329.05	0.0970		0.5000	71.0000	68.0000
1004833	329.05	330.05	0.1220		0.5000	96.0000	51.0000
1004834	330.05	331.05	0.0660		0.5000	21.0000	49.0000
1004835	331.05	332.05	1.5290		0.5000	36.0000	81.0000
1004836	332.05	332.81	0.7500		0.5000	97.0000	184.0000
1004837	332.81	334.20	0.1440		0.5000	30.0000	57.0000
1004838	334.20	335.60	0.1610		0.5000	29.0000	95.0000
1004839	335.60	336.10	0.3230		4.0000	420.0000	1151.0000
1004841	336.10	337.40	0.0550		0.5000	47.0000	150.0000
1004842	337.40	338.40	0.0400		0.5000	36.0000	230.0000
1004843	338.40	339.40	0.0250		0.5000	18.0000	40.0000
1004844	339.40	340.36	0.0370		0.5000	15.0000	57.0000
1004845	340.36	341.86	0.1290		0.5000	44.0000	112.0000
1004847	341.86	342.80	1.6140		32.0000	331.0000	236.0000
1004848	342.80	344.10	0.0420		0.5000	27.0000	59.0000
1004849	344.10	345.60	0.0290		0.5000	18.0000	36.0000
1004851	345.60	346.62	0.0490		0.5000	32.0000	65.0000
1004852	346.62	347.67	0.1060		4.0000	83.0000	139.0000
1004853	347.67	348.38	0.0450		0.5000	36.0000	77.0000
1004854	348.38	349.45	0.0060		0.5000	11.0000	35.0000
1004855	349.45	350.50	0.0180		0.5000	10.0000	38.0000
1004856	350.50	351.55	0.0050		0.5000	10.0000	48.0000
1004857	351.55	352.60	0.0060		0.5000	22.0000	29.0000
1004858	352.60	353.10	0.9480		24.0000	298.0000	298.0000
1004859	353.10	353.60	15.2620	37.3380	719.0000	2243.0000	1773.0000
1004861	353.60	354.60	1.0700		12.0000	192.0000	479.0000
1004862	354.60	355.60	1.2150		16.0000	526.0000	449.0000
1004863	355.60	356.60	0.4360		6.0000	116.0000	446.0000
1004864	356.60	357.80	0.1190		0.5000	28.0000	291.0000
1004865	357.80	358.94	0.0230		0.5000	22.0000	33.0000
1004867	358.94	360.23	0.0140		0.5000	23.0000	37.0000
1004868	360.23	361.23	0.0120		0.5000	18.0000	29.0000
1004869	361.23	362.23	0.0640		0.5000	22.0000	36.0000
1004871	362.23	363.23	0.1790		11.0000	40.0000	112.0000
1004872	363.23	363.81	0.3730		25.0000	103.0000	119.0000
1004873	363.81	364.81	0.3910		64.0000	221.0000	547.0000
1004874	364.81	365.81	0.0190		0.5000	12.0000	36.0000

Hole Number: TL11172

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004875	365.81	366.81	0.0200		0.5000	18.0000	28.0000
1004876	366.81	367.81	0.0020		0.5000	14.0000	21.0000
1004877	367.81	368.85	0.0040		0.5000	12.0000	61.0000
1004878	368.85	370.35	0.0040		0.5000	14.0000	33.0000
1004879	370.35	371.85	0.0030		0.5000	16.0000	27.0000
1004881	371.85	373.35	0.0090		0.5000	17.0000	42.0000
1004882	373.35	374.85	0.0050		0.5000	13.0000	41.0000
1004883	374.85	376.20	0.0080		0.5000	13.0000	58.0000
1004884	376.20	377.70	0.0160		0.5000	21.0000	64.0000
1004885	377.70	379.20	0.0200		0.5000	18.0000	58.0000
1004887	397.69	399.19	0.0300		0.5000	26.0000	75.0000
1004888	399.19	400.38	0.0390		0.5000	35.0000	81.0000
1004889	400.38	401.88	0.0610		0.5000	66.0000	136.0000
1004891	401.88	403.00	0.2950		0.5000	55.0000	477.0000
1004892	403.00	404.31	0.1210		0.5000	40.0000	140.0000
1004893	404.31	405.62	0.0170		0.5000	22.0000	69.0000
1004894	405.62	406.62	0.1390		0.5000	43.0000	153.0000
1004895	406.62	407.37	0.2120		0.5000	50.0000	142.0000
1004896	407.37	408.12	0.3950		0.5000	47.0000	90.0000
1004897	408.12	409.50	0.0430		0.5000	37.0000	53.0000
1004898	409.50	410.91	0.0350		0.5000	28.0000	55.0000
1004899	410.91	411.91	0.2050		0.5000	71.0000	715.0000
1004901	411.91	413.05	0.0860		0.5000	91.0000	270.0000
1004902	413.05	414.05	0.1330		0.5000	21.0000	62.0000
1004903	414.05	415.05	0.1050		0.5000	15.0000	109.0000
1004904	415.05	416.05	0.0560		0.5000	15.0000	86.0000
1004905	416.05	416.90	0.0260		0.5000	19.0000	99.0000
1004907	416.90	418.25	0.0470		0.5000	15.0000	95.0000
1004908	418.25	419.76	0.0400		0.5000	29.0000	145.0000
1004909	419.76	420.50	0.4060		0.5000	307.0000	1856.0000
1004911	420.50	421.50	0.4010		0.5000	57.0000	110.0000
1004912	421.50	422.83	0.0980		0.5000	47.0000	117.0000
1004913	422.83	423.83	0.1460		0.5000	51.0000	456.0000
1004914	423.83	424.83	0.0650		0.5000	70.0000	333.0000
1004915	424.83	425.83	0.0380		0.5000	48.0000	86.0000
1004916	425.83	426.85	0.0550		0.5000	43.0000	137.0000
1004917	426.85	428.35	1.1540		0.5000	96.0000	177.0000
1004918	428.35	429.85	0.0450		0.5000	56.0000	93.0000
1004919	439.50	441.00	0.0360		0.5000	51.0000	350.0000

Hole Number: TL11172

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004921	441.00	441.60	0.0440		0.5000	39.0000	8698.0000
1004922	441.60	443.10	0.0380		0.5000	23.0000	545.0000
Sample Type	CDUP						
1004786	275.12	276.25	0.2720		0.5000	27.0000	75.0000
1004806	307.35	308.85	0.0590		0.5000	62.0000	72.0000
1004826	324.27	325.27	0.0160		0.5000	68.0000	52.0000
1004846	340.36	341.86	0.0450		0.5000	43.0000	121.0000
1004866	357.80	358.94	0.0180		0.5000	23.0000	31.0000
1004886	377.70	379.20	0.0130		0.5000	16.0000	59.0000
1004906	416.05	416.90	0.0780		0.5000	18.0000	89.0000



# DETAILED LOG

Hole Number: TL11173

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -50.00
Project Number: TMI-TL	North: 5511618.96	North:	Collar Az: 355.00
Location: Zealand Township	East: 527292.97	East:	Length: 330.00
	Elev: 396.77	Elev:	Start Depth: 0.00
Date Started: May 25, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jun 06, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 330.00

Comments: MSS main zone from 242.53-283.70m with alternating moderately and strongly sericitized core. Fault zone at 272.34-272.66m. F2 fold at 254.8-254.83m. 4-5% py, 2-3% sph, and trace po and asp. MSS C-zone from 295.14-330m with 2-3% py and sph, and 1% asp. Weak to moderate folding at 308-308.52m, 309.78-309.85m, 323.61-323.68m, and 324.86-325.22m.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	355.00	-51.90	EZ Sho	OK		15.00	354.70	-51.90	EZ Sho	OK	
51.00	355.10	-51.30	EZ Sho	OK		99.00	355.80	-49.60	EZ Sho	OK	
147.00	355.90	-47.40	EZ Sho	OK		198.00	356.20	-46.80	EZ Sho	OK	
249.00	356.30	-45.20	EZ Sho	OK		297.00	357.40	-42.20	EZ Sho	OK	
330.00	357.90	-41.70	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	3.40	OB, Overburden									
3.40	144.68	BMS, Biotite Muscovite Schist Typical BMS interval. Micro-fault at 76-77.3m. F2 fold at 51.43-51.48m with an orientation of 45 deg TCA. 2-3% diss py until 106.5m then a minor increase in stringers is seen so its ~3-4% py. Trace sph and trace asp.	1006923	143.22	144.68	1.46	0.05		0.50	124.00	377.00
144.68	160.25	MSS, Muscovite Sericite Schist MSS hanging-wall with 2-3% diss py and 1-2% sph.	1006924	144.68	145.65	0.97	0.04		0.50	96.00	133.00
			1006925	145.65	147.37	1.72	0.01		0.50	41.00	66.00
			1006926	145.65	147.37	1.72	0.01		0.50	76.00	170.00
			1006927	147.37	148.67	1.30	0.02		0.50	20.00	51.00
			1006928	148.67	149.67	1.00	0.01		0.50	36.00	34.00
			1006929	149.67	150.67	1.00	0.02		1.00	47.00	42.00
			1006931	150.67	151.67	1.00	0.05		1.00	56.00	96.00
			1006932	151.67	152.56	0.89	0.03		0.50	56.00	115.00
			1006933	152.56	154.00	1.44	0.11		0.50	96.00	183.00
			1006934	154.00	155.10	1.10	0.05		1.00	43.00	102.00
			1006935	155.10	156.39	1.29	0.47		3.00	253.00	601.00
			1006936	156.39	157.40	1.01	0.02		1.00	34.00	62.00
			1006937	157.40	158.40	1.00	0.02		0.50	20.00	53.00
			1006938	158.40	159.24	0.84	0.01		1.00	9.00	46.00
			1006939	159.24	160.25	1.01	0.01		1.00	15.00	49.00

## DETAILED LOG

Hole Number: TL11173

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
160.25	202.48	BMS, Biotite Muscovite Schist Typical BMS interval. A couple .5-1.5m intervals of strong sericitization. Micro-fault at 200.8m. 4-5% py and trace asp, sph and po.	1006941	160.25	161.75	1.50	0.05		0.50	89.00	150.00
			1006942	201.00	202.48	1.48	0.10		0.50	21.00	93.00
202.48	205.84	MSS, Muscovite Sericite Schist Strongly sericitized MSS zone. Section of abundant microfaulting from 203.14-204.62m. 3-4% py stringers and trace sph.	1006943	202.48	203.48	1.00	0.58		3.00	135.00	2394.00
			1006944	203.48	204.48	1.00	0.18		2.00	229.00	744.00
			1006945	204.48	205.84	1.36	0.09		0.50	83.00	218.00
			1006946	204.48	205.84	1.36	0.28		1.00	107.00	317.00
205.84	225.00	BMS, Biotite Muscovite Schist BMS with a section of strongly sericitized core from 214.67-215.27m. 4-5% py, 1-2% po, trace sph, cp and asp.	1006947	205.84	207.00	1.16	1.11		0.50	36.00	110.00
			1006948	223.84	225.00	1.16	0.55		0.50	32.00	104.00
225.00	236.35	MSS, Muscovite Sericite Schist Strongly to very strongly sericitized MSS. Microshear at 226.7-226.8. 4-5% diss py with common stringers and trace sph.	1006949	225.00	226.50	1.50	0.12		0.50	48.00	96.00
			1006951	226.50	228.00	1.50	0.04		0.50	55.00	70.00
			1006952	228.00	228.86	0.86	0.02		0.50	28.00	469.00
			1006953	228.86	229.92	1.06	0.06		1.00	95.00	267.00
			1006954	229.92	230.92	1.00	0.03		0.50	35.00	75.00
			1006955	230.92	231.92	1.00	0.09		0.50	29.00	75.00
			1006956	231.92	232.92	1.00	0.42		4.00	222.00	585.00
			1006957	232.92	233.92	1.00	0.39		2.00	111.00	266.00
			1006958	233.92	234.92	1.00	0.11		1.00	54.00	70.00
			1006959	234.92	235.74	0.82	0.19		0.50	40.00	54.00
			1006961	235.74	236.35	0.61	0.05		0.50	39.00	52.00
236.35	242.53	BMS, Biotite Muscovite Schist Typical BMS interval. Section of weak F2 folding at 241.03-241.51m. 5-6% py and 1-2% asp blebs.	1006962	236.35	237.37	1.02	0.14		0.50	53.00	132.00
			1006963	240.51	241.51	1.00	0.28		0.50	455.00	121.00
			1006964	241.51	242.53	1.02	0.19		0.50	74.00	83.00

DETAILED LOG

Hole Number: TL11173

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
242.53	283.70	MSS, Muscovite Sericite Schist	1006965	242.53	243.40	0.87	1.34		0.50	134.00	144.00
		MSS main zone with alternating moderately and strongly sericitized core. Local brownish old qtz veins?/andalusite? blebs. Local sillimanite? xtalization. Fault zone at 272.34-272.66m. F2 fold at 254.8-254.83m. 4-5% py, 2-3% sph, and trace po and asp.	1006966	242.53	243.40	0.87	0.88		0.50	203.00	153.00
			1006967	243.40	245.02	1.62	1.06		2.00	1024.00	2259.00
			1006968	245.02	245.93	0.91	0.16		1.00	442.00	1303.00
			1006969	245.93	246.93	1.00	0.04		0.50	187.00	403.00
			1006971	246.93	247.93	1.00	0.09		0.50	66.00	153.00
			1006972	247.93	248.86	0.93	0.10		0.50	29.00	111.00
			1006973	248.86	249.86	1.00	1.08		0.50	70.00	182.00
			1006974	249.86	250.86	1.00	0.05		0.50	78.00	120.00
			1006975	250.86	251.86	1.00	0.14		0.50	114.00	1019.00
			1006976	251.86	252.90	1.04	0.16		1.00	761.00	1061.00
			1006977	252.90	254.00	1.10	0.17		2.00	555.00	687.00
			1006978	254.00	255.00	1.00	0.74		0.50	151.00	884.00
			1006979	255.00	255.98	0.98	1.27		2.00	608.00	933.00
			1006981	255.98	256.98	1.00	4.69		7.00	1634.00	3808.00
			1006982	256.98	258.00	1.02	0.26		2.00	294.00	618.00
			1006983	258.00	259.00	1.00	0.23		0.50	52.00	159.00
			1006984	259.00	260.13	1.13	0.06		0.50	19.00	80.00
			1006985	260.13	261.13	1.00	0.02		0.50	34.00	49.00
			1006986	260.13	261.13	1.00	0.02		0.50	31.00	49.00
			1006987	261.13	262.08	0.95	0.04		0.50	28.00	44.00
			1006988	262.08	263.08	1.00	0.01		0.50	19.00	45.00
			1006989	263.08	263.84	0.76	0.02		0.50	41.00	38.00
			1006991	263.84	264.84	1.00	0.11		0.50	31.00	83.00
			1006992	264.84	265.84	1.00	0.31		5.00	386.00	242.00
			1006993	265.84	266.79	0.95	0.97		6.00	714.00	2132.00
			1006994	266.79	267.59	0.80	0.35		0.50	45.00	120.00
			1006995	267.59	268.54	0.95	0.31		0.50	37.00	109.00
			1006996	268.54	269.54	1.00	1.79		16.00	862.00	1309.00
			1006997	269.54	270.54	1.00	0.44		0.50	50.00	85.00
			1006998	270.54	271.87	1.33	0.41		0.50	58.00	237.00
			1006999	271.87	273.32	1.45	0.18		1.00	369.00	555.00
			1075001	273.32	274.32	1.00	0.05		0.50	47.00	70.00
			1075002	274.32	275.32	1.00	0.03		0.50	43.00	138.00
			1075003	275.32	276.32	1.00	0.07		0.50	163.00	1279.00
			1075004	276.32	277.32	1.00	0.06		0.50	99.00	271.00
			1075005	277.32	278.32	1.00	0.11		1.00	154.00	644.00
			1075006	277.32	278.32	1.00	0.07		0.50	99.00	595.00
			1075007	278.32	279.32	1.00	0.08		2.00	435.00	2066.00
			1075008	279.32	280.32	1.00	0.03		0.50	153.00	282.00
			1075009	280.32	281.32	1.00	50.66	65.75	31.00	1018.00	1712.00
			1075011	281.32	282.66	1.34	0.38		2.00	365.00	782.00
			1075012	282.66	283.70	1.04	2.88		1.00	20.00	37.00

# DETAILED LOG

Hole Number: TL11173

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
283.70	295.14	BMS, Biotite Muscovite Schist Typical BMS interval. 2-3% diss py.	1075013	283.70	285.20	1.50	0.44		0.50	25.00	34.00
			1075014	293.64	295.14	1.50	0.10		0.50	55.00	92.00
295.14	330.00	MSS, Muscovite Sericite Schist MSS C-zone with 2-3% py and sph, and 1% asp. Weak to moderate folding at 308-308.52m, 309.78-309.85m, 323.61-323.68m, and 324.86-325.22m. Interval is strongly sericitized with very strong sericitization in sections with increased fracturing at 299.43-299.67m and 303.66-305.14m.	1075015	295.14	296.64	1.50	0.06		0.50	28.00	55.00
			1075016	296.64	297.54	0.90	0.04		0.50	24.00	41.00
			1075017	297.54	299.09	1.55	0.07		0.50	95.00	134.00
			1075018	299.09	300.09	1.00	1.27		0.50	30.00	92.00
			1075019	300.09	301.46	1.37	0.06		0.50	56.00	68.00
			1075021	301.46	302.69	1.23	0.03		0.50	16.00	34.00
			1075022	302.69	303.69	1.00	0.03		0.50	12.00	40.00
			1075023	303.69	305.10	1.41	0.03		0.50	12.00	21.00
			1075024	305.10	306.10	1.00	0.12		0.50	8.00	31.00
			1075025	306.10	307.10	1.00	0.00		0.50	12.00	33.00
			1075026	306.10	307.10	1.00	0.00		0.50	10.00	31.00
			1075027	307.10	308.10	1.00	0.00		0.50	11.00	38.00
			1075028	308.10	309.10	1.00	0.00		0.50	24.00	43.00
			1075029	309.10	310.74	1.64	0.01		1.00	204.00	453.00
			1075031	310.74	312.24	1.50	0.00		0.50	23.00	40.00
			1075032	312.24	313.47	1.23	0.01		0.50	25.00	48.00
			1075033	313.47	314.78	1.31	0.02		2.00	44.00	678.00
			1075034	314.78	316.07	1.29	0.01		0.50	51.00	296.00
			1075035	316.07	317.00	0.93	0.01		0.50	27.00	62.00
			1075036	317.00	318.53	1.53	0.01		0.50	29.00	58.00
			1075037	318.53	319.88	1.35	0.07		0.50	38.00	56.00
			1075038	319.88	321.28	1.40	0.27		1.00	66.00	148.00
			1075039	321.28	322.75	1.47	0.50		2.00	124.00	362.00
			1075041	322.75	323.83	1.08	0.10		0.50	30.00	377.00
			1075042	323.83	325.18	1.35	0.02		1.00	31.00	44.00
			1075043	325.18	326.44	1.26	0.97		2.00	46.00	111.00
			1075044	326.44	327.77	1.33	0.33		5.00	158.00	1006.00
			1075046	327.77	328.96	1.19	0.02		0.50	38.00	61.00
			1075045	327.77	328.96	1.19	0.02		0.50	43.00	68.00
			1075047	328.96	330.00	1.04	0.16		0.50	23.00	51.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006923	143.22	144.68	0.0450		0.5000	124.0000	377.0000
1006924	144.68	145.65	0.0370		0.5000	96.0000	133.0000
1006925	145.65	147.37	0.0140		0.5000	41.0000	66.0000
1006927	147.37	148.67	0.0170		0.5000	20.0000	51.0000
1006928	148.67	149.67	0.0120		0.5000	36.0000	34.0000
1006929	149.67	150.67	0.0220		1.0000	47.0000	42.0000

Hole Number: TL11173

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006931	150.67	151.67	0.0480		1.0000	56.0000	96.0000
1006932	151.67	152.56	0.0340		0.5000	56.0000	115.0000
1006933	152.56	154.00	0.1120		0.5000	96.0000	183.0000
1006934	154.00	155.10	0.0520		1.0000	43.0000	102.0000
1006935	155.10	156.39	0.4650		3.0000	253.0000	601.0000
1006936	156.39	157.40	0.0190		1.0000	34.0000	62.0000
1006937	157.40	158.40	0.0180		0.5000	20.0000	53.0000
1006938	158.40	159.24	0.0130		1.0000	9.0000	46.0000
1006939	159.24	160.25	0.0130		1.0000	15.0000	49.0000
1006941	160.25	161.75	0.0450		0.5000	89.0000	150.0000
1006942	201.00	202.48	0.1020		0.5000	21.0000	93.0000
1006943	202.48	203.48	0.5790		3.0000	135.0000	2394.0000
1006944	203.48	204.48	0.1750		2.0000	229.0000	744.0000
1006945	204.48	205.84	0.0850		0.5000	83.0000	218.0000
1006947	205.84	207.00	1.1120		0.5000	36.0000	110.0000
1006948	223.84	225.00	0.5510		0.5000	32.0000	104.0000
1006949	225.00	226.50	0.1230		0.5000	48.0000	96.0000
1006951	226.50	228.00	0.0410		0.5000	55.0000	70.0000
1006952	228.00	228.86	0.0230		0.5000	28.0000	469.0000
1006953	228.86	229.92	0.0580		1.0000	95.0000	267.0000
1006954	229.92	230.92	0.0300		0.5000	35.0000	75.0000
1006955	230.92	231.92	0.0860		0.5000	29.0000	75.0000
1006956	231.92	232.92	0.4170		4.0000	222.0000	585.0000
1006957	232.92	233.92	0.3910		2.0000	111.0000	266.0000
1006958	233.92	234.92	0.1110		1.0000	54.0000	70.0000
1006959	234.92	235.74	0.1890		0.5000	40.0000	54.0000
1006961	235.74	236.35	0.0450		0.5000	39.0000	52.0000
1006962	236.35	237.37	0.1350		0.5000	53.0000	132.0000
1006963	240.51	241.51	0.2840		0.5000	455.0000	121.0000
1006964	241.51	242.53	0.1880		0.5000	74.0000	83.0000
1006965	242.53	243.40	1.3370		0.5000	134.0000	144.0000
1006967	243.40	245.02	1.0600		2.0000	1024.0000	2259.0000
1006968	245.02	245.93	0.1570		1.0000	442.0000	1303.0000
1006969	245.93	246.93	0.0440		0.5000	187.0000	403.0000
1006971	246.93	247.93	0.0850		0.5000	66.0000	153.0000
1006972	247.93	248.86	0.1000		0.5000	29.0000	111.0000
1006973	248.86	249.86	1.0810		0.5000	70.0000	182.0000
1006974	249.86	250.86	0.0530		0.5000	78.0000	120.0000
1006975	250.86	251.86	0.1380		0.5000	114.0000	1019.0000

Hole Number: TL11173

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1006976	251.86	252.90	0.1640		1.0000	761.0000	1061.0000
1006977	252.90	254.00	0.1730		2.0000	555.0000	687.0000
1006978	254.00	255.00	0.7440		0.5000	151.0000	884.0000
1006979	255.00	255.98	1.2690		2.0000	608.0000	933.0000
1006981	255.98	256.98	4.6920		7.0000	1634.0000	3808.0000
1006982	256.98	258.00	0.2580		2.0000	294.0000	618.0000
1006983	258.00	259.00	0.2260		0.5000	52.0000	159.0000
1006984	259.00	260.13	0.0550		0.5000	19.0000	80.0000
1006985	260.13	261.13	0.0190		0.5000	34.0000	49.0000
1006987	261.13	262.08	0.0400		0.5000	28.0000	44.0000
1006988	262.08	263.08	0.0140		0.5000	19.0000	45.0000
1006989	263.08	263.84	0.0170		0.5000	41.0000	38.0000
1006991	263.84	264.84	0.1130		0.5000	31.0000	83.0000
1006992	264.84	265.84	0.3050		5.0000	386.0000	242.0000
1006993	265.84	266.79	0.9690		6.0000	714.0000	2132.0000
1006994	266.79	267.59	0.3520		0.5000	45.0000	120.0000
1006995	267.59	268.54	0.3130		0.5000	37.0000	109.0000
1006996	268.54	269.54	1.7940		16.0000	862.0000	1309.0000
1006997	269.54	270.54	0.4350		0.5000	50.0000	85.0000
1006998	270.54	271.87	0.4080		0.5000	58.0000	237.0000
1006999	271.87	273.32	0.1820		1.0000	369.0000	555.0000
1075001	273.32	274.32	0.0510		0.5000	47.0000	70.0000
1075002	274.32	275.32	0.0340		0.5000	43.0000	138.0000
1075003	275.32	276.32	0.0650		0.5000	163.0000	1279.0000
1075004	276.32	277.32	0.0560		0.5000	99.0000	271.0000
1075005	277.32	278.32	0.1060		1.0000	154.0000	644.0000
1075007	278.32	279.32	0.0760		2.0000	435.0000	2066.0000
1075008	279.32	280.32	0.0330		0.5000	153.0000	282.0000
1075009	280.32	281.32	50.6590	65.7460	31.0000	1018.0000	1712.0000
1075011	281.32	282.66	0.3790		2.0000	365.0000	782.0000
1075012	282.66	283.70	2.8810		1.0000	20.0000	37.0000
1075013	283.70	285.20	0.4360		0.5000	25.0000	34.0000
1075014	293.64	295.14	0.0970		0.5000	55.0000	92.0000
1075015	295.14	296.64	0.0590		0.5000	28.0000	55.0000
1075016	296.64	297.54	0.0380		0.5000	24.0000	41.0000
1075017	297.54	299.09	0.0690		0.5000	95.0000	134.0000
1075018	299.09	300.09	1.2650		0.5000	30.0000	92.0000
1075019	300.09	301.46	0.0570		0.5000	56.0000	68.0000
1075021	301.46	302.69	0.0250		0.5000	16.0000	34.0000

Hole Number: TL11173

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075022	302.69	303.69	0.0340		0.5000	12.0000	40.0000
1075023	303.69	305.10	0.0290		0.5000	12.0000	21.0000
1075024	305.10	306.10	0.1230		0.5000	8.0000	31.0000
1075025	306.10	307.10	0.0020		0.5000	12.0000	33.0000
1075027	307.10	308.10	0.0020		0.5000	11.0000	38.0000
1075028	308.10	309.10	0.0005		0.5000	24.0000	43.0000
1075029	309.10	310.74	0.0070		1.0000	204.0000	453.0000
1075031	310.74	312.24	0.0040		0.5000	23.0000	40.0000
1075032	312.24	313.47	0.0070		0.5000	25.0000	48.0000
1075033	313.47	314.78	0.0220		2.0000	44.0000	678.0000
1075034	314.78	316.07	0.0110		0.5000	51.0000	296.0000
1075035	316.07	317.00	0.0050		0.5000	27.0000	62.0000
1075036	317.00	318.53	0.0110		0.5000	29.0000	58.0000
1075037	318.53	319.88	0.0730		0.5000	38.0000	56.0000
1075038	319.88	321.28	0.2740		1.0000	66.0000	148.0000
1075039	321.28	322.75	0.4950		2.0000	124.0000	362.0000
1075041	322.75	323.83	0.0950		0.5000	30.0000	377.0000
1075042	323.83	325.18	0.0160		1.0000	31.0000	44.0000
1075043	325.18	326.44	0.9670		2.0000	46.0000	111.0000
1075044	326.44	327.77	0.3310		5.0000	158.0000	1006.0000
1075045	327.77	328.96	0.0190		0.5000	43.0000	68.0000
1075047	328.96	330.00	0.1560		0.5000	23.0000	51.0000
Sample Type	CDUP						
1006926	145.65	147.37	0.0140		0.5000	76.0000	170.0000
1006946	204.48	205.84	0.2780		1.0000	107.0000	317.0000
1006966	242.53	243.40	0.8800		0.5000	203.0000	153.0000
1006986	260.13	261.13	0.0200		0.5000	31.0000	49.0000
1075006	277.32	278.32	0.0730		0.5000	99.0000	595.0000
1075026	306.10	307.10	0.0040		0.5000	10.0000	31.0000
1075046	327.77	328.96	0.0180		0.5000	38.0000	61.0000

# DETAILED LOG

Hole Number: TL11174

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -66.00
Project Number: TMI-TL	North: 5511675.71	North:	Collar Az: 312.00
Location: Zealand Township	East: 528325.06	East:	Length: 618.00
	Elev: 389.73	Elev:	Start Depth: 0.00
Date Started: Jun 03, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jun 06, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 618.00

Comments: Main zone at 482.86-513.72m, C-Zone at 548.5-558.88m. Strong to very strong ser in Main zone with best samples at 484.88-486.48 (8% py, 8% sph, 1% gln) and 506.59-507.56 (2% cpy, 2% py, 1% gln).Footwall MSS zone with very strong ser at 528.04-531.45 (3% py and trace sph/po).Very strong ser in C-Zone, with best sample at 557.62-558.2 (15% gln, 4% py, 2% sph, 1% aspy).  
RQD interval 255-258m not imported due to block error. Data exceeds value limits.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	306.00	-64.00	EZ Sho	OK		27.00	306.90	-63.10	EZ Sho	OK	
69.00	310.70	-62.10	EZ Sho	OK		105.00	313.50	-59.30	EZ Sho	OK	
156.00	315.60	-59.00	EZ Sho	OK		213.00	320.30	-55.30	EZ Sho	OK	
261.00	323.50	-52.50	EZ Sho	OK		300.00	324.50	-51.80	EZ Sho	OK	
357.00	326.70	-51.40	EZ Sho	OK		405.00	329.30	-49.30	EZ Sho	OK	
450.00	333.00	-45.70	EZ Sho	OK		507.00	337.80	-40.30	EZ Sho	OK	
552.00	341.10	-36.00	EZ Sho	OK		618.00	342.40	-29.70	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	15.50	OB, Overburden									
15.50	196.29	MSED, Metasediment MSED, relatively unaltered. Generally aphanitic with medium grained patches. Rare diss py.									
196.29	212.72	BS, Biotite Schist BS, locally v. wkly ser (<5%). Trace diss py.	1004923	211.22	212.72	1.50	0.02		0.50	26.00	286.00
212.72	437.57	BMS, Biotite Muscovite Schist Hangingwall BMS. Upper contact marked by 12cm semi-massive po. Trace diss py and local trace po.	1004924	212.72	213.09	0.37	0.03		0.50	37.00	494.00
			1004925	213.09	214.44	1.35	0.01		0.50	16.00	61.00
			1004926	213.09	214.44	1.35	0.02		0.50	18.00	75.00
			1004927	214.44	215.44	1.00	0.01		0.50	28.00	286.00
			1004928	215.44	216.94	1.50	0.01		0.50	9.00	91.00
			1004929	436.07	437.57	1.50	0.17		0.50	43.00	98.00



DETAILED LOG

Hole Number: TL11174

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
437.57	453.90	MSS, Muscovite Sericite Schist Hangingwall MSS zone, very strongly ser and strong-mod silicification, with alteration break from 443.6-449.03m. 3-4% py stringers with trace pyrite to 443.6, followed by trace diss py to 453.9m.	1004931	437.57	438.57	1.00	0.02		0.50	33.00	71.00
			1004932	438.57	439.61	1.04	0.04		0.50	42.00	64.00
			1004933	439.61	440.61	1.00	0.11		5.00	282.00	313.00
			1004934	440.61	441.70	1.09	0.01		0.50	39.00	70.00
			1004935	441.70	442.70	1.00	0.01		0.50	44.00	55.00
			1004936	442.70	443.70	1.00	0.02		0.50	0.50	0.50
			1004937	443.70	445.20	1.50	0.04		0.50	24.00	65.00
			1004938	445.20	446.65	1.45	0.02		0.50	25.00	48.00
			1004939	446.65	447.53	0.88	0.18		0.50	37.00	66.00
			1004941	447.53	449.03	1.50	0.02		0.50	20.00	56.00
			1004942	449.03	450.00	0.97	0.01		0.50	7.00	16.00
			1004943	450.00	451.00	1.00	0.01		0.50	9.00	18.00
			1004944	451.00	451.95	0.95	0.01		0.50	6.00	26.00
			1004946	451.95	452.95	1.00	0.01		0.50	9.00	43.00
			1004945	451.95	452.95	1.00	0.01		0.50	13.00	50.00
			1004947	452.95	453.90	0.95	0.01		0.50	6.00	20.00
453.90	482.86	BMS, Biotite Muscovite Schist Hangingwall BMS zone. Mod ser with v. strong ser sections (464.72-466.15m and 476.45-478.5m). Trace py.	1004948	453.90	455.40	1.50	0.02		0.50	9.00	41.00
			1004949	455.40	456.90	1.50	0.04		0.50	22.00	51.00
			1004951	456.90	458.40	1.50	0.01		0.50	14.00	47.00
			1004952	458.40	459.90	1.50	0.01		0.50	22.00	79.00
			1004953	459.90	461.25	1.35	0.01		0.50	32.00	65.00
			1004954	461.25	462.23	0.98	0.01		0.50	17.00	39.00
			1004955	462.23	463.21	0.98	0.01		0.50	9.00	33.00
			1004956	463.21	464.72	1.51	0.02		0.50	13.00	48.00
			1004957	464.72	466.15	1.43	0.04		2.00	28.00	100.00
			1004958	466.15	467.65	1.50	0.03		0.50	17.00	39.00
			1004959	467.65	468.65	1.00	0.01		0.50	22.00	41.00
			1004961	468.65	469.65	1.00	0.01		0.50	37.00	48.00
			1004962	469.65	470.65	1.00	0.04		2.00	87.00	87.00
			1004963	470.65	471.95	1.30	0.05		1.00	44.00	58.00
			1004964	471.95	473.45	1.50	0.03		0.50	23.00	43.00
			1004965	473.45	474.95	1.50	0.02		0.50	35.00	53.00
			1004966	473.45	474.95	1.50	0.02		0.50	30.00	50.00
			1004967	474.95	476.45	1.50	0.02		0.50	30.00	48.00
			1004968	476.45	477.45	1.00	0.05		5.00	805.00	1183.00
			1004969	477.45	478.50	1.05	0.44		4.00	553.00	1134.00
1004971	478.50	480.00	1.50	0.01		1.00	50.00	117.00			
1004972	480.00	481.40	1.40	0.06		0.50	64.00	65.00			
1004973	481.40	482.86	1.46	0.27		3.00	115.00	319.00			

## DETAILED LOG

Hole Number: TL11174

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
482.86	513.72	MSS, Muscovite Sericite Schist MSS Main zone. Strongly ser to 504.77 the very strongly ser, with mod sil. 8% sph, 8% py, 1% gln from 486.6-486.48m. 2% py, 2% coy, trace gln from 506.59-507.56m.	1004974	482.86	483.87	1.01	0.18		2.00	81.00	98.00
			1004975	483.87	484.88	1.01	0.04		1.00	79.00	142.00
			1004976	484.88	485.88	1.00	1.10		1.00	101.00	265.00
			1004977	485.88	486.48	0.60	5.30	5.83	62.00	7114.00	12673.00
			1004978	486.48	487.50	1.02	0.22		1.00	87.00	120.00
			1004979	487.50	488.50	1.00	0.39		2.00	162.00	215.00
			1004981	488.50	489.50	1.00	0.70		2.00	102.00	172.00
			1004982	489.50	490.50	1.00	1.15		5.00	346.00	2594.00
			1004983	490.50	491.50	1.00	1.27		1.00	137.00	169.00
			1004984	491.50	492.50	1.00	0.69		2.00	105.00	208.00
			1004986	492.50	493.50	1.00	0.96		3.00	89.00	121.00
			1004985	492.50	493.50	1.00	0.68		2.00	67.00	125.00
			1004987	493.50	494.50	1.00	0.20		1.00	40.00	113.00
			1004988	494.50	495.71	1.21	0.04		1.00	30.00	48.00
			1004989	495.71	496.71	1.00	0.07		2.00	11.00	21.00
			1004991	496.71	497.71	1.00	0.06		2.00	18.00	31.00
			1004992	497.71	498.71	1.00	0.18		3.00	18.00	39.00
			1004993	498.71	499.71	1.00	0.86		3.00	95.00	393.00
			1004994	499.71	500.71	1.00	0.01		1.00	19.00	175.00
			1004995	500.71	501.71	1.00	0.00		1.00	14.00	25.00
			1004996	501.71	502.92	1.21	0.00		1.00	12.00	32.00
			1004997	502.92	504.00	1.08	0.01		0.50	16.00	57.00
			1004998	504.00	505.32	1.32	0.11		2.00	96.00	163.00
			1004999	505.32	506.59	1.27	0.36		7.00	88.00	81.00
			1005001	506.59	507.09	0.50	1.00		47.00	372.00	497.00
			1005002	507.09	507.56	0.47	0.30		17.00	455.00	222.00
			1005003	507.56	508.56	1.00	0.18		4.00	73.00	156.00
			1005004	508.56	509.56	1.00	0.22		3.00	97.00	248.00
			1005005	509.56	510.25	0.69	0.07		2.00	36.00	61.00
			1005006	509.56	510.25	0.69	0.07		2.00	40.00	50.00
			1005007	510.25	511.05	0.80	0.50		3.00	63.00	227.00
			1005008	511.05	511.72	0.67	0.08		8.00	195.00	65.00
			1005009	511.72	512.72	1.00	0.17		6.00	63.00	137.00
			1005011	512.72	513.72	1.00	0.19		5.00	46.00	72.00
513.72	528.04	BMS, Biotite Muscovite Schist	1005012	513.72	515.22	1.50	0.01		0.50	20.00	31.00
			1005013	515.22	516.72	1.50	0.02		0.50	17.00	30.00
			1005014	525.04	526.44	1.40	0.04		0.50	20.00	65.00
			1005015	526.44	528.04	1.60	0.02		0.50	18.00	93.00
528.04	531.45	MSS, Muscovite Sericite Schist Footwall MSS zone. Very strongly ser and sil, with 3% py stringers and trace sph/po.	1005016	528.04	529.04	1.00	0.01		0.50	14.00	48.00
			1005017	529.04	530.04	1.00	0.01		0.50	18.00	101.00
			1005018	530.04	531.00	0.96	0.05		1.00	32.00	117.00
			1005019	531.00	531.45	0.45	0.05		0.50	31.00	214.00

# DETAILED LOG

Hole Number: TL11174

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
531.45	548.50	BMS, Biotite Muscovite Schist Footwall BMS zone. Very wkly ser with trace py.	1005021	531.45	532.95	1.50	0.02		0.50	20.00	69.00
			1005022	532.95	534.45	1.50	0.01		0.50	10.00	36.00
			1005023	545.50	547.00	1.50	0.02		0.50	19.00	56.00
			1005024	547.00	548.50	1.50	0.05		0.50	28.00	106.00
548.50	558.88	MSS, Muscovite Sericite Schist MSS C-zone. Very strongly sericitized, with local 15% gln + 5% py + trace aspy and sph.	1005025	548.50	550.07	1.57	0.43		0.50	66.00	196.00
			1005026	548.50	550.07	1.57	0.34		0.50	66.00	208.00
			1005027	550.07	550.98	0.91	0.12		1.00	59.00	100.00
			1005028	550.98	552.00	1.02	0.07		0.50	30.00	57.00
			1005029	552.00	553.00	1.00	0.21		0.50	31.00	109.00
			1005031	553.00	554.00	1.00	0.09		0.50	16.00	79.00
			1005032	554.00	555.00	1.00	0.06		0.50	22.00	267.00
			1005033	555.00	556.35	1.35	0.10		0.50	15.00	59.00
			1005034	556.35	557.62	1.27	0.05		0.50	26.00	90.00
			1005035	557.62	558.00	0.38	11.31	9.04	87.00	43627.00	1677.00
558.88	618.00	BMS, Biotite Muscovite Schist Hangingwall BMS, very wkly sericitized, with only trace-1% diss py and po. EOH@618m	1005037	558.88	560.38	1.50	0.15		0.50	89.00	128.00
			1005038	560.38	561.88	1.50	0.04		0.50	54.00	98.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004923	211.22	212.72	0.0190		0.5000	26.0000	286.0000
1004924	212.72	213.09	0.0260		0.5000	37.0000	494.0000
1004925	213.09	214.44	0.0140		0.5000	16.0000	61.0000
1004927	214.44	215.44	0.0140		0.5000	28.0000	286.0000
1004928	215.44	216.94	0.0110		0.5000	9.0000	91.0000
1004929	436.07	437.57	0.1670		0.5000	43.0000	98.0000
1004931	437.57	438.57	0.0190		0.5000	33.0000	71.0000
1004932	438.57	439.61	0.0380		0.5000	42.0000	64.0000
1004933	439.61	440.61	0.1060		5.0000	282.0000	313.0000
1004934	440.61	441.70	0.0130		0.5000	39.0000	70.0000
1004935	441.70	442.70	0.0080		0.5000	44.0000	55.0000
1004936	442.70	443.70	0.0240		0.5000	0.5000	0.5000
1004937	443.70	445.20	0.0380		0.5000	24.0000	65.0000
1004938	445.20	446.65	0.0180		0.5000	25.0000	48.0000
1004939	446.65	447.53	0.1810		0.5000	37.0000	66.0000
1004941	447.53	449.03	0.0170		0.5000	20.0000	56.0000
1004942	449.03	450.00	0.0120		0.5000	7.0000	16.0000
1004943	450.00	451.00	0.0090		0.5000	9.0000	18.0000
1004944	451.00	451.95	0.0090		0.5000	6.0000	26.0000

Hole Number: TL11174

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004945	451.95	452.95	0.0070		0.5000	13.0000	50.0000
1004947	452.95	453.90	0.0080		0.5000	6.0000	20.0000
1004948	453.90	455.40	0.0190		0.5000	9.0000	41.0000
1004949	455.40	456.90	0.0380		0.5000	22.0000	51.0000
1004951	456.90	458.40	0.0060		0.5000	14.0000	47.0000
1004952	458.40	459.90	0.0130		0.5000	22.0000	79.0000
1004953	459.90	461.25	0.0120		0.5000	32.0000	65.0000
1004954	461.25	462.23	0.0120		0.5000	17.0000	39.0000
1004955	462.23	463.21	0.0100		0.5000	9.0000	33.0000
1004956	463.21	464.72	0.0190		0.5000	13.0000	48.0000
1004957	464.72	466.15	0.0360		2.0000	28.0000	100.0000
1004958	466.15	467.65	0.0280		0.5000	17.0000	39.0000
1004959	467.65	468.65	0.0100		0.5000	22.0000	41.0000
1004961	468.65	469.65	0.0110		0.5000	37.0000	48.0000
1004962	469.65	470.65	0.0350		2.0000	87.0000	87.0000
1004963	470.65	471.95	0.0520		1.0000	44.0000	58.0000
1004964	471.95	473.45	0.0250		0.5000	23.0000	43.0000
1004965	473.45	474.95	0.0200		0.5000	35.0000	53.0000
1004967	474.95	476.45	0.0190		0.5000	30.0000	48.0000
1004968	476.45	477.45	0.0480		5.0000	805.0000	1183.0000
1004969	477.45	478.50	0.4410		4.0000	553.0000	1134.0000
1004971	478.50	480.00	0.0120		1.0000	50.0000	117.0000
1004972	480.00	481.40	0.0560		0.5000	64.0000	65.0000
1004973	481.40	482.86	0.2740		3.0000	115.0000	319.0000
1004974	482.86	483.87	0.1790		2.0000	81.0000	98.0000
1004975	483.87	484.88	0.0400		1.0000	79.0000	142.0000
1004976	484.88	485.88	1.1040		1.0000	101.0000	265.0000
1004977	485.88	486.48	5.3040	5.8250	62.0000	7114.0000	12673.0000
1004978	486.48	487.50	0.2240		1.0000	87.0000	120.0000
1004979	487.50	488.50	0.3930		2.0000	162.0000	215.0000
1004981	488.50	489.50	0.6980		2.0000	102.0000	172.0000
1004982	489.50	490.50	1.1480		5.0000	346.0000	2594.0000
1004983	490.50	491.50	1.2650		1.0000	137.0000	169.0000
1004984	491.50	492.50	0.6920		2.0000	105.0000	208.0000
1004985	492.50	493.50	0.6770		2.0000	67.0000	125.0000
1004987	493.50	494.50	0.1990		1.0000	40.0000	113.0000
1004988	494.50	495.71	0.0440		1.0000	30.0000	48.0000
1004989	495.71	496.71	0.0670		2.0000	11.0000	21.0000
1004991	496.71	497.71	0.0560		2.0000	18.0000	31.0000

Hole Number: TL11174

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1004992	497.71	498.71	0.1770		3.0000	18.0000	39.0000
1004993	498.71	499.71	0.8600		3.0000	95.0000	393.0000
1004994	499.71	500.71	0.0140		1.0000	19.0000	175.0000
1004995	500.71	501.71	0.0040		1.0000	14.0000	25.0000
1004996	501.71	502.92	0.0040		1.0000	12.0000	32.0000
1004997	502.92	504.00	0.0140		0.5000	16.0000	57.0000
1004998	504.00	505.32	0.1050		2.0000	96.0000	163.0000
1004999	505.32	506.59	0.3630		7.0000	88.0000	81.0000
1005001	506.59	507.09	1.0040		47.0000	372.0000	497.0000
1005002	507.09	507.56	0.2980		17.0000	455.0000	222.0000
1005003	507.56	508.56	0.1780		4.0000	73.0000	156.0000
1005004	508.56	509.56	0.2200		3.0000	97.0000	248.0000
1005005	509.56	510.25	0.0730		2.0000	36.0000	61.0000
1005007	510.25	511.05	0.5030		3.0000	63.0000	227.0000
1005008	511.05	511.72	0.0820		8.0000	195.0000	65.0000
1005009	511.72	512.72	0.1730		6.0000	63.0000	137.0000
1005011	512.72	513.72	0.1940		5.0000	46.0000	72.0000
1005012	513.72	515.22	0.0140		0.5000	20.0000	31.0000
1005013	515.22	516.72	0.0230		0.5000	17.0000	30.0000
1005014	525.04	526.44	0.0370		0.5000	20.0000	65.0000
1005015	526.44	528.04	0.0150		0.5000	18.0000	93.0000
1005016	528.04	529.04	0.0130		0.5000	14.0000	48.0000
1005017	529.04	530.04	0.0120		0.5000	18.0000	101.0000
1005018	530.04	531.00	0.0520		1.0000	32.0000	117.0000
1005019	531.00	531.45	0.0510		0.5000	31.0000	214.0000
1005021	531.45	532.95	0.0150		0.5000	20.0000	69.0000
1005022	532.95	534.45	0.0090		0.5000	10.0000	36.0000
1005023	545.50	547.00	0.0200		0.5000	19.0000	56.0000
1005024	547.00	548.50	0.0540		0.5000	28.0000	106.0000
1005025	548.50	550.07	0.4320		0.5000	66.0000	196.0000
1005027	550.07	550.98	0.1240		1.0000	59.0000	100.0000
1005028	550.98	552.00	0.0740		0.5000	30.0000	57.0000
1005029	552.00	553.00	0.2120		0.5000	31.0000	109.0000
1005031	553.00	554.00	0.0850		0.5000	16.0000	79.0000
1005032	554.00	555.00	0.0620		0.5000	22.0000	267.0000
1005033	555.00	556.35	0.0950		0.5000	15.0000	59.0000
1005034	556.35	557.62	0.0500		0.5000	26.0000	90.0000
1005035	557.62	558.00	11.3060	9.0360	87.0000	43627.0000	1677.0000
1005036	558.00	558.88	0.6250		0.5000	363.0000	483.0000

Hole Number: TL11174

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005037	558.88	560.38	0.1510		0.5000	89.0000	128.0000
1005038	560.38	561.88	0.0390		0.5000	54.0000	98.0000
Sample Type	CDUP						
1004926	213.09	214.44	0.0180		0.5000	18.0000	75.0000
1004946	451.95	452.95	0.0060		0.5000	9.0000	43.0000
1004966	473.45	474.95	0.0210		0.5000	30.0000	50.0000
1004986	492.50	493.50	0.9550		3.0000	89.0000	121.0000
1005006	509.56	510.25	0.0730		2.0000	40.0000	50.0000
1005026	548.50	550.07	0.3370		0.5000	66.0000	208.0000

# DETAILED LOG

Hole Number: TL11175

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511764.22	North:	Collar Az: 315.00
Location: Zealand Township	East: 528226.57	East:	Length: 456.00
	Elev: 393.55	Elev:	Start Depth: 0.00
Date Started: May 25, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed:	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 456.00

Comments: MSS main zone from 357 - 393 m. 4-5% py, 2-3% asp, 1% sph and trace cp. Common faults and folding. Moderately sericitized.  
 MSS C zone from 422 - 443m. Small interval 439.10 - 443 with 4% py, 2-3% sph, trace cpy, po, gn.  
 VG bleb @ 439.15 - 439.17

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	315.00	-64.00	EZ Sho	OK		42.00	316.20	-63.10	EZ Sho	OK	
60.00	318.00	-62.00	EZ Sho	OK		99.00	320.60	-60.10	EZ Sho	OK	
150.00	321.40	-59.10	EZ Sho	OK		201.00	322.90	-57.00	EZ Sho	OK	
258.00	324.90	-55.30	EZ Sho	OK		303.00	325.80	-53.70	EZ Sho	OK	
354.00	327.80	-51.80	EZ Sho	OK		399.00	328.90	-50.50	EZ Sho	OK	
453.00	332.30	-45.50	EZ Sho	OK		456.00	332.70	-45.60	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	7.50	OB, Overburden									
7.50	60.04	MSED, Metasediment Slightly foliated, very black Metasediments. 2-3% diss py									
60.04	246.42	BMS, Biotite Muscovite Schist	1075048	213.00	214.00	1.00	0.17		12.00	515.00	1675.00
			1075049	229.85	231.00	1.15	0.02		3.00	41.00	174.00
			1075051	231.00	232.15	1.15	0.01		2.00	37.00	115.00
			1075052	232.15	234.00	1.85	0.02		1.00	60.00	109.00
			1075053	234.00	235.50	1.50	0.04		2.00	73.00	236.00
			1075054	235.50	237.00	1.50	0.02		2.00	143.00	261.00
			1075055	237.00	238.50	1.50	0.02		1.00	60.00	590.00
			1075056	238.50	240.00	1.50	0.01		2.00	28.00	276.00
			1075057	245.00	246.42	1.42	0.02		2.00	114.00	225.00

## DETAILED LOG

Hole Number: TL11175

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
246.42	262.49	MSS, Muscovite Sericite Schist Strongly sericitized MSS hanging wall with 5-6% diss py with common stringers and trace sph and galena. Weak to moderate folding between 246.71-258.54m. ~5% qtz veins at 40-45 deg TCA.	1075058	246.42	247.92	1.50	0.06		2.00	275.00	545.00
			1075059	247.92	248.80	0.88	0.09		1.00	81.00	176.00
			1075061	248.80	249.58	0.78	0.15		8.00	876.00	912.00
			1075062	249.58	250.23	0.65	0.03		2.00	104.00	91.00
			1075063	250.23	251.25	1.02	0.03		2.00	42.00	454.00
			1075064	251.25	252.60	1.35	0.02		3.00	48.00	142.00
			1075066	252.60	254.10	1.50	0.03		2.00	51.00	97.00
			1075065	252.60	254.10	1.50	0.03		2.00	49.00	167.00
			1075067	254.10	255.60	1.50	0.05		4.00	60.00	99.00
			1075068	255.60	257.10	1.50	0.08		8.00	94.00	167.00
			1075069	257.10	258.60	1.50	0.04		4.00	38.00	86.00
			1075071	258.60	259.42	0.82	0.02		4.00	27.00	175.00
			1075072	259.42	260.36	0.94	0.04		13.00	140.00	128.00
			1075073	260.36	261.15	0.79	0.03		15.00	24.00	80.00
			1075074	261.15	262.00	0.85	0.02		14.00	34.00	69.00
		1075075	262.00	262.49	0.49	0.02		6.00	29.00	62.00	
262.49	297.55	BMS, Biotite Muscovite Schist BMS interval with 2-3% py, 4-5% py, 1-2% asp and trace cp and sph. Microfault at 290.52-290.56m.	1075076	262.49	263.60	1.11	0.06		5.00	66.00	116.00
			1075077	296.55	297.55	1.00	0.09		6.00	35.00	232.00



DETAILED LOG

Hole Number: TL11175

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
297.55	357.94	BMS, Biotite Muscovite Schist	1075078	297.55	298.55	1.00	0.02		2.00	55.00	92.00
		BMS zone which was originally logged as part of MSS. 4-5% py, 2-3% asp, 1% sph and trace cp. Common faults and folding. Moderate to strongly sericitized.	1075079	298.55	299.60	1.05	0.02		5.00	103.00	429.00
			1075081	299.60	300.60	1.00	0.02		8.00	29.00	17.00
			1075082	300.60	301.60	1.00	0.03		13.00	32.00	30.00
			1075083	301.60	302.72	1.12	0.02		4.00	34.00	41.00
			1075084	302.72	303.83	1.11	0.53		6.00	43.00	121.00
			1075085	303.83	304.83	1.00	0.05		3.00	29.00	79.00
			1075086	303.83	304.83	1.00	0.06		5.00	43.00	84.00
			1075087	304.83	305.83	1.00	0.03		4.00	19.00	348.00
			1075088	305.83	306.83	1.00	0.01		3.00	13.00	26.00
			1075089	306.83	307.95	1.12	0.01		4.00	12.00	26.00
			1075091	307.95	308.95	1.00	0.01		3.00	16.00	29.00
			1075092	308.95	309.95	1.00	0.02		2.00	12.00	21.00
			1075093	309.95	310.95	1.00	0.03		6.00	261.00	717.00
			1075094	310.95	311.95	1.00	0.02		2.00	16.00	23.00
			1075095	311.95	312.95	1.00	0.05		3.00	13.00	26.00
			1075096	312.95	313.95	1.00	0.01		3.00	20.00	73.00
			1075097	313.95	314.95	1.00	0.03		3.00	16.00	56.00
			1075098	314.95	316.13	1.18	0.01		2.00	12.00	56.00
			1075099	316.13	317.13	1.00	0.01		4.00	39.00	86.00
			1075101	317.13	318.00	0.87	0.31		3.00	17.00	116.00
			1075102	318.00	319.00	1.00	0.24		3.00	18.00	57.00
			1075103	319.00	320.00	1.00	0.08		3.00	24.00	84.00
			1075104	320.00	321.00	1.00	0.07		3.00	70.00	429.00
			1075106	321.00	322.00	1.00	0.03		2.00	28.00	63.00
			1075105	321.00	322.00	1.00	0.02		3.00	43.00	70.00
			1075107	322.00	323.00	1.00	0.01		3.00	32.00	55.00
			1075108	323.00	324.00	1.00	0.04		2.00	18.00	38.00
			1075109	324.00	325.00	1.00	0.01		0.50	15.00	36.00
			1075111	325.00	326.28	1.28	0.03		2.00	23.00	30.00
			1075112	326.28	327.28	1.00	0.12		2.00	27.00	69.00
			1075113	327.28	328.21	0.93	0.12		3.00	28.00	61.00
			1075114	328.21	329.46	1.25	0.06		3.00	46.00	56.00
			1075115	329.46	330.59	1.13	0.04		2.00	49.00	69.00
			1075116	330.59	331.46	0.87	0.04		9.00	155.00	217.00
			1075117	331.46	332.63	1.17	0.16		3.00	54.00	85.00
			1075118	332.63	333.63	1.00	0.14		2.00	42.00	37.00
			1075119	333.63	334.65	1.02	0.80		3.00	36.00	41.00
			1075121	334.65	335.65	1.00	0.07		2.00	46.00	50.00
			1075122	335.65	336.65	1.00	0.02		4.00	20.00	42.00
			1075123	336.65	337.65	1.00	0.01		4.00	39.00	46.00
			1075124	337.65	338.65	1.00	0.02		4.00	60.00	160.00
			1075126	338.65	339.65	1.00	0.01		0.50	10.00	7.00

DETAILED LOG

Hole Number: TL11175

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1075125	338.65	339.65	1.00	0.03		2.00	10.00	11.00
			1075127	339.65	340.65	1.00	0.01		4.00	94.00	105.00
			1075128	340.65	341.65	1.00	0.10		4.00	30.00	98.00
			1075129	341.65	342.65	1.00	0.03		4.00	29.00	53.00
			1075131	342.65	343.61	0.96	0.02		6.00	46.00	75.00
			1075132	343.61	344.61	1.00	0.02		6.00	34.00	55.00
			1075133	344.61	345.61	1.00	0.17		7.00	39.00	136.00
			1075134	345.61	346.61	1.00	0.13		6.00	26.00	64.00
			1075135	346.61	347.61	1.00	0.09		5.00	14.00	60.00
			1075136	347.61	348.61	1.00	0.11		4.00	15.00	58.00
			1075137	348.61	349.61	1.00	0.33		6.00	60.00	452.00
			1075138	349.61	350.61	1.00	0.25		5.00	19.00	71.00
			1075139	350.61	351.61	1.00	0.32		5.00	43.00	78.00
			1075141	351.61	352.16	0.55	0.13		3.00	22.00	74.00
			1075142	352.16	353.16	1.00	0.45		11.00	86.00	495.00
			1075143	353.16	354.16	1.00	0.17		2.00	38.00	80.00
			1075144	354.16	355.16	1.00	0.10		3.00	49.00	82.00
			1075145	355.16	355.94	0.78	0.31		4.00	65.00	201.00
			1075146	355.16	355.94	0.78	0.24		5.00	56.00	276.00
			1075147	355.94	356.94	1.00	0.62		4.00	32.00	89.00
			1075148	356.94	357.94	1.00	0.13		3.00	32.00	62.00

DETAILED LOG

Hole Number: TL11175

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
357.94	393.00	MSS, Muscovite Sericite Schist	1075149	357.94	358.97	1.03	0.21		8.00	48.00	188.00
		MSS zone with a transitional top half of moderate sr alteration. Lower half has very strong alteration with a sharp lower contact. 4-5% diss. py throughout with poor to minor mineralization. @ 379.70-379.72 there is a stringer/infilled fracture with sph/gn on the top side of core, and a bleb of Electrum on the bottom side.	1075151	358.97	360.00	1.03	0.06		4.00	30.00	59.00
			1075152	360.00	361.00	1.00	0.24		4.00	34.00	89.00
			1075153	361.00	362.21	1.21	0.16		2.00	36.00	69.00
			1075154	362.21	363.21	1.00	0.31		7.00	102.00	126.00
			1075155	363.21	364.21	1.00	0.22		8.00	81.00	227.00
			1075156	364.21	365.21	1.00	0.39		6.00	37.00	99.00
			1075157	365.21	366.21	1.00	0.10		6.00	36.00	88.00
			1075158	366.21	367.21	1.00	0.07		9.00	45.00	135.00
			1075159	367.21	368.21	1.00	0.04		8.00	44.00	78.00
			1075161	368.21	369.32	1.11	0.05		8.00	24.00	68.00
			1075162	369.32	370.50	1.18	0.04		7.00	27.00	102.00
			1075163	370.50	372.00	1.50	0.23		41.00	62.00	130.00
			1075164	372.00	373.12	1.12	0.52		98.00	38.00	225.00
			1075165	373.12	374.45	1.33	0.12		25.00	44.00	127.00
			1075166	373.12	374.45	1.33	0.11		16.00	37.00	90.00
			1075167	374.45	375.45	1.00	0.03		26.00	25.00	105.00
			1075168	375.45	376.59	1.14	0.02		7.00	18.00	126.00
			1075169	376.59	377.35	0.76	0.01		3.00	10.00	74.00
			1075171	377.35	378.07	0.72	0.01		6.00	15.00	50.00
			1075172	378.07	379.07	1.00	0.01		4.00	18.00	41.00
			1075173	379.07	379.57	0.50	0.23	0.23	16.00	76.00	231.00
			1075174	379.57	380.07	0.50	1.78	1.59	127.00	2181.00	3998.00
			1075175	380.07	381.00	0.93	1.26	0.98	24.00	602.00	970.00
			1075176	381.00	382.00	1.00	0.09		9.00	51.00	87.00
			1075177	382.00	383.00	1.00	0.04		4.00	23.00	55.00
			1075178	383.00	384.00	1.00	0.06		5.00	28.00	45.00
			1075179	384.00	385.00	1.00	0.06		5.00	27.00	65.00
			1075181	385.00	386.00	1.00	0.02		6.00	29.00	48.00
			1075182	386.00	387.00	1.00	0.05		9.00	29.00	33.00
			1075183	387.00	388.00	1.00	0.13		24.00	54.00	116.00
			1075184	388.00	389.00	1.00	0.88		67.00	93.00	91.00
			1075186	389.00	390.00	1.00	0.03		7.00	37.00	27.00
			1075185	389.00	390.00	1.00	0.02		8.00	36.00	29.00
			1075187	390.00	391.00	1.00	0.04		48.00	69.00	125.00
			1075188	391.00	392.00	1.00	0.06		64.00	53.00	186.00
			1075189	392.00	393.00	1.00	0.03		52.00	43.00	77.00

# DETAILED LOG

Hole Number: TL11175

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
393.00	422.48	BMS, Biotite Muscovite Schist  BMS zone with weaker sr alteration near contacts with a moderate - strongly sr interval in the center. Common fracturing causing increases in sr alteration and local epi alteration. 4-5% diss py., with trace to minor amounts of po/pent?, sph, and gn.	1075191	393.00	394.50	1.50	0.01		5.00	14.00	43.00
			1075192	394.50	396.00	1.50	0.01		7.00	18.00	47.00
			1075193	396.00	397.50	1.50	0.00		4.00	17.00	31.00
			1075194	397.50	399.00	1.50	0.02		3.00	14.00	39.00
			1075195	399.00	400.50	1.50	0.01		3.00	17.00	39.00
			1075196	400.50	402.00	1.50	0.01		2.00	13.00	42.00
			1075197	402.00	403.50	1.50	0.00		3.00	11.00	37.00
			1075198	403.50	405.00	1.50	0.01		4.00	13.00	56.00
			1075199	405.00	406.50	1.50	0.01		9.00	19.00	38.00
			1075201	406.50	408.00	1.50	0.04		17.00	27.00	79.00
			1075202	408.00	409.50	1.50	0.01		5.00	16.00	103.00
			1075203	409.50	411.00	1.50	0.01		2.00	11.00	55.00
			1075204	411.00	412.50	1.50	0.01		3.00	11.00	56.00
			1075206	412.50	414.00	1.50	0.01		3.00	13.00	52.00
			1075205	412.50	414.00	1.50	0.01		3.00	15.00	52.00
		1075207	414.00	415.50	1.50	0.03		8.00	16.00	47.00	
		1075208	415.50	417.00	1.50	0.04		5.00	28.00	79.00	
		1075209	417.00	418.50	1.50	0.04		5.00	55.00	92.00	
		1075211	418.50	420.00	1.50	0.88		6.00	108.00	134.00	
		1075212	420.00	421.50	1.50	0.06		7.00	62.00	85.00	
		1075213	421.50	422.48	0.98	0.06		7.00	70.00	102.00	
422.48	443.42	MSS, Muscovite Sericite Schist  MSS C-zone. Patchy strong sr alteration up to 3m sections with moderate sr alteration between. Several small micro shears and micro faults. Increased mineralization within strong sr alteration. 439.10 - 443.42 contains moderate mineralization with several smaller groupings of sulfide stringers. 439.15 - 439.17 there is a 1mm bleb of VG with another possible speck on the underside. VG occurs on the darker side of a minor contact of weak - strong sr alteration, within a stringer which contains sph and gn.	1075214	422.48	423.50	1.02	0.24		6.00	65.00	138.00
			1075215	423.50	424.50	1.00	0.32		11.00	81.00	359.00
			1075216	424.50	425.50	1.00	0.47		7.00	61.00	212.00
			1075217	425.50	427.00	1.50	0.09		4.00	32.00	75.00
			1075218	427.00	428.00	1.00	0.18		9.00	94.00	174.00
			1075219	428.00	429.00	1.00	0.09		3.00	21.00	87.00
			1075221	429.00	430.50	1.50	0.05		3.00	20.00	69.00
			1075222	430.50	432.00	1.50	0.06		4.00	21.00	89.00
			1075223	432.00	433.00	1.00	0.05		3.00	19.00	52.00
			1075224	433.00	434.00	1.00	0.37		5.00	24.00	135.00
			1075225	434.00	435.00	1.00	0.08		3.00	29.00	172.00
			1075226	434.00	435.00	1.00	0.10		3.00	20.00	214.00
			1075227	435.00	436.00	1.00	0.07		3.00	66.00	111.00
			1075228	436.00	437.00	1.00	0.06		3.00	25.00	1008.00
			1075229	437.00	438.00	1.00	0.04		3.00	32.00	138.00
		1075231	438.00	439.10	1.10	2.95	5.75	6.00	139.00	236.00	
		1075232	439.10	439.60	0.50	1.18	1.20	12.00	481.00	1329.00	
		1075233	439.60	440.60	1.00	0.85	0.51	10.00	238.00	1308.00	
		1075234	440.60	441.90	1.30	0.16		4.00	48.00	91.00	
		1075235	441.90	443.42	1.52	0.28		5.00	80.00	689.00	

# DETAILED LOG

Hole Number: TL11175

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
443.42	456.00	BMS, Biotite Muscovite Schist	1075236	443.42	445.00	1.58	0.12		4.00	32.00	76.00
		BMS with weak sr alteration and common chl-epi alteration bands, weakly mineralized	1075237	445.00	446.50	1.50	0.06		3.00	32.00	104.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075048	213.00	214.00	0.1650		12.0000	515.0000	1675.0000
1075049	229.85	231.00	0.0170		3.0000	41.0000	174.0000
1075051	231.00	232.15	0.0100		2.0000	37.0000	115.0000
1075052	232.15	234.00	0.0160		1.0000	60.0000	109.0000
1075053	234.00	235.50	0.0370		2.0000	73.0000	236.0000
1075054	235.50	237.00	0.0190		2.0000	143.0000	261.0000
1075055	237.00	238.50	0.0160		1.0000	60.0000	590.0000
1075056	238.50	240.00	0.0120		2.0000	28.0000	276.0000
1075057	245.00	246.42	0.0190		2.0000	114.0000	225.0000
1075058	246.42	247.92	0.0560		2.0000	275.0000	545.0000
1075059	247.92	248.80	0.0880		1.0000	81.0000	176.0000
1075061	248.80	249.58	0.1530		8.0000	876.0000	912.0000
1075062	249.58	250.23	0.0330		2.0000	104.0000	91.0000
1075063	250.23	251.25	0.0330		2.0000	42.0000	454.0000
1075064	251.25	252.60	0.0160		3.0000	48.0000	142.0000
1075065	252.60	254.10	0.0270		2.0000	49.0000	167.0000
1075067	254.10	255.60	0.0470		4.0000	60.0000	99.0000
1075068	255.60	257.10	0.0820		8.0000	94.0000	167.0000
1075069	257.10	258.60	0.0370		4.0000	38.0000	86.0000
1075071	258.60	259.42	0.0210		4.0000	27.0000	175.0000
1075072	259.42	260.36	0.0400		13.0000	140.0000	128.0000
1075073	260.36	261.15	0.0320		15.0000	24.0000	80.0000
1075074	261.15	262.00	0.0150		14.0000	34.0000	69.0000
1075075	262.00	262.49	0.0200		6.0000	29.0000	62.0000
1075076	262.49	263.60	0.0550		5.0000	66.0000	116.0000
1075077	296.55	297.55	0.0890		6.0000	35.0000	232.0000
1075078	297.55	298.55	0.0170		2.0000	55.0000	92.0000
1075079	298.55	299.60	0.0230		5.0000	103.0000	429.0000
1075081	299.60	300.60	0.0170		8.0000	29.0000	17.0000
1075082	300.60	301.60	0.0330		13.0000	32.0000	30.0000
1075083	301.60	302.72	0.0240		4.0000	34.0000	41.0000
1075084	302.72	303.83	0.5290		6.0000	43.0000	121.0000
1075085	303.83	304.83	0.0520		3.0000	29.0000	79.0000

Hole Number: TL11175

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075087	304.83	305.83	0.0250		4.0000	19.0000	348.0000
1075088	305.83	306.83	0.0090		3.0000	13.0000	26.0000
1075089	306.83	307.95	0.0080		4.0000	12.0000	26.0000
1075091	307.95	308.95	0.0090		3.0000	16.0000	29.0000
1075092	308.95	309.95	0.0210		2.0000	12.0000	21.0000
1075093	309.95	310.95	0.0290		6.0000	261.0000	717.0000
1075094	310.95	311.95	0.0170		2.0000	16.0000	23.0000
1075095	311.95	312.95	0.0540		3.0000	13.0000	26.0000
1075096	312.95	313.95	0.0090		3.0000	20.0000	73.0000
1075097	313.95	314.95	0.0320		3.0000	16.0000	56.0000
1075098	314.95	316.13	0.0080		2.0000	12.0000	56.0000
1075099	316.13	317.13	0.0140		4.0000	39.0000	86.0000
1075101	317.13	318.00	0.3080		3.0000	17.0000	116.0000
1075102	318.00	319.00	0.2360		3.0000	18.0000	57.0000
1075103	319.00	320.00	0.0750		3.0000	24.0000	84.0000
1075104	320.00	321.00	0.0690		3.0000	70.0000	429.0000
1075105	321.00	322.00	0.0230		3.0000	43.0000	70.0000
1075107	322.00	323.00	0.0120		3.0000	32.0000	55.0000
1075108	323.00	324.00	0.0370		2.0000	18.0000	38.0000
1075109	324.00	325.00	0.0110		0.5000	15.0000	36.0000
1075111	325.00	326.28	0.0250		2.0000	23.0000	30.0000
1075112	326.28	327.28	0.1190		2.0000	27.0000	69.0000
1075113	327.28	328.21	0.1220		3.0000	28.0000	61.0000
1075114	328.21	329.46	0.0570		3.0000	46.0000	56.0000
1075115	329.46	330.59	0.0410		2.0000	49.0000	69.0000
1075116	330.59	331.46	0.0440		9.0000	155.0000	217.0000
1075117	331.46	332.63	0.1600		3.0000	54.0000	85.0000
1075118	332.63	333.63	0.1440		2.0000	42.0000	37.0000
1075119	333.63	334.65	0.8030		3.0000	36.0000	41.0000
1075121	334.65	335.65	0.0730		2.0000	46.0000	50.0000
1075122	335.65	336.65	0.0150		4.0000	20.0000	42.0000
1075123	336.65	337.65	0.0100		4.0000	39.0000	46.0000
1075124	337.65	338.65	0.0170		4.0000	60.0000	160.0000
1075125	338.65	339.65	0.0320		2.0000	10.0000	11.0000
1075127	339.65	340.65	0.0080		4.0000	94.0000	105.0000
1075128	340.65	341.65	0.1010		4.0000	30.0000	98.0000
1075129	341.65	342.65	0.0340		4.0000	29.0000	53.0000
1075131	342.65	343.61	0.0150		6.0000	46.0000	75.0000
1075132	343.61	344.61	0.0200		6.0000	34.0000	55.0000

Hole Number: TL11175

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075133	344.61	345.61	0.1690		7.0000	39.0000	136.0000
1075134	345.61	346.61	0.1300		6.0000	26.0000	64.0000
1075135	346.61	347.61	0.0890		5.0000	14.0000	60.0000
1075136	347.61	348.61	0.1140		4.0000	15.0000	58.0000
1075137	348.61	349.61	0.3260		6.0000	60.0000	452.0000
1075138	349.61	350.61	0.2460		5.0000	19.0000	71.0000
1075139	350.61	351.61	0.3230		5.0000	43.0000	78.0000
1075141	351.61	352.16	0.1330		3.0000	22.0000	74.0000
1075142	352.16	353.16	0.4470		11.0000	86.0000	495.0000
1075143	353.16	354.16	0.1660		2.0000	38.0000	80.0000
1075144	354.16	355.16	0.1000		3.0000	49.0000	82.0000
1075145	355.16	355.94	0.3050		4.0000	65.0000	201.0000
1075147	355.94	356.94	0.6150		4.0000	32.0000	89.0000
1075148	356.94	357.94	0.1280		3.0000	32.0000	62.0000
1075149	357.94	358.97	0.2060		8.0000	48.0000	188.0000
1075151	358.97	360.00	0.0560		4.0000	30.0000	59.0000
1075152	360.00	361.00	0.2400		4.0000	34.0000	89.0000
1075153	361.00	362.21	0.1610		2.0000	36.0000	69.0000
1075154	362.21	363.21	0.3070		7.0000	102.0000	126.0000
1075155	363.21	364.21	0.2150		8.0000	81.0000	227.0000
1075156	364.21	365.21	0.3940		6.0000	37.0000	99.0000
1075157	365.21	366.21	0.1010		6.0000	36.0000	88.0000
1075158	366.21	367.21	0.0730		9.0000	45.0000	135.0000
1075159	367.21	368.21	0.0360		8.0000	44.0000	78.0000
1075161	368.21	369.32	0.0520		8.0000	24.0000	68.0000
1075162	369.32	370.50	0.0420		7.0000	27.0000	102.0000
1075163	370.50	372.00	0.2300		41.0000	62.0000	130.0000
1075164	372.00	373.12	0.5190		98.0000	38.0000	225.0000
1075165	373.12	374.45	0.1240		25.0000	44.0000	127.0000
1075167	374.45	375.45	0.0310		26.0000	25.0000	105.0000
1075168	375.45	376.59	0.0170		7.0000	18.0000	126.0000
1075169	376.59	377.35	0.0100		3.0000	10.0000	74.0000
1075171	377.35	378.07	0.0100		6.0000	15.0000	50.0000
1075172	378.07	379.07	0.0130		4.0000	18.0000	41.0000
1075173	379.07	379.57	0.2290	0.2320	16.0000	76.0000	231.0000
1075174	379.57	380.07	1.7800	1.5920	127.0000	2181.0000	3998.0000
1075175	380.07	381.00	1.2600	0.9790	24.0000	602.0000	970.0000
1075176	381.00	382.00	0.0880		9.0000	51.0000	87.0000
1075177	382.00	383.00	0.0440		4.0000	23.0000	55.0000

Hole Number: TL11175

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075178	383.00	384.00	0.0550		5.0000	28.0000	45.0000
1075179	384.00	385.00	0.0630		5.0000	27.0000	65.0000
1075181	385.00	386.00	0.0240		6.0000	29.0000	48.0000
1075182	386.00	387.00	0.0480		9.0000	29.0000	33.0000
1075183	387.00	388.00	0.1310		24.0000	54.0000	116.0000
1075184	388.00	389.00	0.8800		67.0000	93.0000	91.0000
1075185	389.00	390.00	0.0170		8.0000	36.0000	29.0000
1075187	390.00	391.00	0.0380		48.0000	69.0000	125.0000
1075188	391.00	392.00	0.0580		64.0000	53.0000	186.0000
1075189	392.00	393.00	0.0330		52.0000	43.0000	77.0000
1075191	393.00	394.50	0.0050		5.0000	14.0000	43.0000
1075192	394.50	396.00	0.0070		7.0000	18.0000	47.0000
1075193	396.00	397.50	0.0020		4.0000	17.0000	31.0000
1075194	397.50	399.00	0.0200		3.0000	14.0000	39.0000
1075195	399.00	400.50	0.0070		3.0000	17.0000	39.0000
1075196	400.50	402.00	0.0060		2.0000	13.0000	42.0000
1075197	402.00	403.50	0.0040		3.0000	11.0000	37.0000
1075198	403.50	405.00	0.0060		4.0000	13.0000	56.0000
1075199	405.00	406.50	0.0140		9.0000	19.0000	38.0000
1075201	406.50	408.00	0.0440		17.0000	27.0000	79.0000
1075202	408.00	409.50	0.0110		5.0000	16.0000	103.0000
1075203	409.50	411.00	0.0050		2.0000	11.0000	55.0000
1075204	411.00	412.50	0.0120		3.0000	11.0000	56.0000
1075205	412.50	414.00	0.0090		3.0000	15.0000	52.0000
1075207	414.00	415.50	0.0340		8.0000	16.0000	47.0000
1075208	415.50	417.00	0.0350		5.0000	28.0000	79.0000
1075209	417.00	418.50	0.0400		5.0000	55.0000	92.0000
1075211	418.50	420.00	0.8790		6.0000	108.0000	134.0000
1075212	420.00	421.50	0.0550		7.0000	62.0000	85.0000
1075213	421.50	422.48	0.0610		7.0000	70.0000	102.0000
1075214	422.48	423.50	0.2380		6.0000	65.0000	138.0000
1075215	423.50	424.50	0.3210		11.0000	81.0000	359.0000
1075216	424.50	425.50	0.4710		7.0000	61.0000	212.0000
1075217	425.50	427.00	0.0880		4.0000	32.0000	75.0000
1075218	427.00	428.00	0.1830		9.0000	94.0000	174.0000
1075219	428.00	429.00	0.0910		3.0000	21.0000	87.0000
1075221	429.00	430.50	0.0490		3.0000	20.0000	69.0000
1075222	430.50	432.00	0.0610		4.0000	21.0000	89.0000
1075223	432.00	433.00	0.0490		3.0000	19.0000	52.0000



Hole Number: TL11175

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075224	433.00	434.00	0.3730		5.0000	24.0000	135.0000
1075225	434.00	435.00	0.0770		3.0000	29.0000	172.0000
1075227	435.00	436.00	0.0720		3.0000	66.0000	111.0000
1075228	436.00	437.00	0.0640		3.0000	25.0000	1008.0000
1075229	437.00	438.00	0.0410		3.0000	32.0000	138.0000
1075231	438.00	439.10	2.9510	5.7480	6.0000	139.0000	236.0000
1075232	439.10	439.60	1.1790	1.1980	12.0000	481.0000	1329.0000
1075233	439.60	440.60	0.8480	0.5070	10.0000	238.0000	1308.0000
1075234	440.60	441.90	0.1570		4.0000	48.0000	91.0000
1075235	441.90	443.42	0.2840		5.0000	80.0000	689.0000
1075236	443.42	445.00	0.1150		4.0000	32.0000	76.0000
1075237	445.00	446.50	0.0620		3.0000	32.0000	104.0000
Sample Type	CDUP						
1075066	252.60	254.10	0.0290		2.0000	51.0000	97.0000
1075086	303.83	304.83	0.0630		5.0000	43.0000	84.0000
1075106	321.00	322.00	0.0280		2.0000	28.0000	63.0000
1075126	338.65	339.65	0.0090		0.5000	10.0000	7.0000
1075146	355.16	355.94	0.2370		5.0000	56.0000	276.0000
1075166	373.12	374.45	0.1100		16.0000	37.0000	90.0000
1075186	389.00	390.00	0.0290		7.0000	37.0000	27.0000
1075206	412.50	414.00	0.0130		3.0000	13.0000	52.0000
1075226	434.00	435.00	0.0950		3.0000	20.0000	214.0000

# DETAILED LOG

Hole Number: TL11176

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -50.00
Project Number: TMI-TL	North: 5511630.81	North:	Collar Az: 355.00
Location: Zealand Township	East: 527353.23	East:	Length: 351.00
	Elev: 396.04	Elev:	Start Depth: 0.00
Date Started: Jun 07, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jun 09, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 351.00

Comments: Main zone at 208.3-264.05m, crosscut by mafic dyke at top of interval. C-Zone at 318.53-328.48m. Main zone is very strongly ser and very well mineralized: generally trace-3% sph, 1-2% py, trace po-gln-cpy, with many higher % samples (BEST are 230.7-231.47 - 4%sph, 2%py, 1%gln, tr po; 233.43-234.55 - 4%sph, 2%gln, 2%py, tr po; 240.45-242.74 - 5%sph, 4%py and tr gln, cpy and po; 256.98-257.13 - 7%sph, 3%py, 2%po; 260.95-261.43 - 8%sph, 7%py, 2%gln, 1%po; 263.25-263.5 - 15%py, 7%sph, 4%gln, 1%po). C-Zone is very strongly ser, with 1% py and tr po and cpy, with best sample 321.5-321.9 - 2% sph and 1% py. RQD interval 69-72m not included due to block error. Data exceeds limits.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	357.00	-52.00	EZ Sho	OK		15.00	358.00	-51.00	EZ Sho	OK	
51.00	358.50	-50.80	EZ Sho	OK		105.00	359.50	-49.90	EZ Sho	OK	
156.00	0.90	-49.60	EZ Sho	OK		204.00	0.80	-47.90	EZ Sho	OK	
253.00	1.40	-46.20	EZ Sho	OK		303.00	1.60	-43.70	EZ Sho	OK	
351.00	2.10	-42.90	EZ Sho	OK							

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	0.50	OB, Overburden									
0.50	208.30	BMS, Biotite Muscovite Schist Very weakly ser BMS with trace py. Very strongly ser from 192.2-197.43m with 1% py, 1% sph, trace gln.	1005039	162.93	164.43	1.50	0.04		2.00	33.00	157.00
			1005041	164.43	165.97	1.54	0.01		2.00	16.00	41.00
			1005042	165.97	167.47	1.50	0.07		2.00	79.00	210.00
			1005043	191.38	192.88	1.50	0.26		2.00	43.00	158.00
			1005044	192.88	194.05	1.17	0.00		3.00	29.00	690.00
			1005046	194.05	195.40	1.35	0.08		2.00	16.00	365.00
			1005045	194.05	195.40	1.35	0.07		2.00	18.00	390.00
			1005047	195.40	196.90	1.50	0.06		2.00	23.00	111.00
			1005048	196.90	197.43	0.53	0.18		4.00	981.00	2300.00
			1005049	197.43	198.93	1.50	0.03		2.00	81.00	156.00
			1005051	198.93	200.10	1.17	0.01		2.00	23.00	46.00
			1005052	200.10	201.20	1.10	0.00		2.00	15.00	40.00
			1005053	201.20	202.50	1.30	0.01		2.00	18.00	55.00
			1005054	202.50	203.70	1.20	0.01		2.00	28.00	45.00
			1005055	203.70	205.30	1.60	0.60		2.00	36.00	77.00
			1005056	205.30	206.70	1.40	0.06		2.00	29.00	76.00
			1005057	206.70	208.30	1.60	0.27		3.00	120.00	3581.00



DETAILED LOG

Hole Number: TL11176

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
216.10	264.05	MSS, Muscovite Sericite Schist	1005069	216.10	217.10	1.00	0.44		3.00	41.00	141.00
		MSS Main zone. Very strongly ser with alteration break from 219.16-224.03m and 246.52-253.5m. Common sulphide stringers (py, sph, gln, cpy, po) and abundant locally (233.43-235.55, 240.45-242.74m, 256.98-257.13m, 263.25-263.5m show best mineralization)	1005071	217.10	218.16	1.06	0.36		7.00	177.00	365.00
			1005072	218.16	219.16	1.00	0.19		4.00	155.00	726.00
			1005073	219.16	220.03	0.87	0.05		2.00	49.00	192.00
			1005074	220.03	221.03	1.00	0.03		3.00	53.00	125.00
			1005075	221.03	222.53	1.50	0.02		3.00	85.00	121.00
			1005076	222.53	224.03	1.50	0.07		3.00	54.00	114.00
			1005077	224.03	225.00	0.97	0.30		2.00	96.00	357.00
			1005078	225.00	226.33	1.33	0.04		3.00	66.00	88.00
			1005079	226.33	227.67	1.34	0.03		2.00	63.00	73.00
			1005081	227.67	228.67	1.00	0.03		2.00	28.00	59.00
			1005082	228.67	229.67	1.00	0.02		2.00	79.00	60.00
			1005083	229.67	230.67	1.00	0.30		2.00	297.00	206.00
			1005084	230.67	231.47	0.80	0.50		4.00	2845.00	6603.00
			1005086	231.47	232.45	0.98	0.37		2.00	416.00	1742.00
			1005085	231.47	232.45	0.98	0.80		3.00	965.00	1727.00
			1005087	232.45	233.43	0.98	0.21		2.00	330.00	202.00
			1005088	233.43	234.00	0.57	0.83		12.00	7879.00	7352.00
			1005089	234.00	234.58	0.58	18.53	19.67	4.00	1852.00	5924.00
			1005091	234.58	235.58	1.00	0.17		1.00	296.00	195.00
			1005092	235.58	236.45	0.87	0.13		1.00	525.00	2278.00
			1005093	236.45	237.45	1.00	0.22		1.00	557.00	1093.00
			1005094	237.45	238.45	1.00	0.15		2.00	1023.00	4669.00
			1005095	238.45	239.45	1.00	0.19		1.00	264.00	849.00
			1005096	239.45	240.45	1.00	0.25		3.00	1145.00	1235.00
			1005097	240.45	241.12	0.67	0.55		4.00	995.00	2948.00
			1005098	241.12	241.70	0.58	0.37		3.00	913.00	1088.00
			1005099	241.70	242.39	0.69	3.55		15.00	2203.00	8953.00
			1005101	242.39	243.39	1.00	1.62		13.00	901.00	1834.00
			1005102	243.39	244.39	1.00	0.67		2.00	369.00	495.00
			1005103	244.39	245.39	1.00	0.55		1.00	206.00	217.00
			1005104	245.39	246.39	1.00	0.61		2.00	617.00	1327.00
			1005105	246.39	247.39	1.00	0.24		2.00	86.00	168.00
			1005106	246.39	247.39	1.00	0.16		2.00	71.00	131.00
			1005107	247.39	248.39	1.00	0.02		1.00	53.00	177.00
			1005108	248.39	249.39	1.00	0.07		2.00	79.00	155.00
			1005109	249.39	250.32	0.93	0.51		2.00	156.00	372.00
			1005111	250.32	251.32	1.00	0.81		3.00	394.00	1060.00
			1005112	251.32	252.35	1.03	0.20		2.00	70.00	113.00
			1005113	252.35	253.85	1.50	0.87		3.00	68.00	161.00
			1005114	253.85	254.85	1.00	0.04		1.00	47.00	161.00
			1005115	254.85	255.85	1.00	0.04		1.00	148.00	78.00
			1005116	255.85	257.13	1.28	0.51		4.00	1784.00	6815.00

## DETAILED LOG

Hole Number: TL11176

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1005117	257.13	258.08	0.95	0.07		2.00	388.00	1497.00
			1005118	258.08	259.08	1.00	0.09		2.00	364.00	1033.00
			1005119	259.08	259.92	0.84	0.46		3.00	828.00	2239.00
			1005121	259.92	260.95	1.03	0.16		2.00	287.00	431.00
			1005122	260.95	261.43	0.48	1.05		11.00	7341.00	13394.00
			1005123	261.43	262.43	1.00	0.12		2.00	333.00	519.00
			1005124	262.43	263.25	0.82	0.52		4.00	1181.00	3465.00
			1005125	263.25	264.05	0.80	1.62		13.00	4656.00	4003.00
			1005126	263.25	264.05	0.80	0.80		10.00	3582.00	4838.00
264.05	318.53	BMS, Biotite Muscovite Schist	1005127	264.05	265.55	1.50	0.05		2.00	290.00	503.00
		Lightly coloured BMS zone with uncommon-common sph stringers as well as occasional gn, cpy, and po mineralization. Common chl-epi alteration bands which sometimes contain sph, gn, and/or po. From 306-319.53 there is common strong folding of large grained mica's which occur around qz veins and lenses.	1005128	265.55	266.55	1.00	0.03		3.00	1480.00	2039.00
			1005129	266.55	268.05	1.50	0.10		3.00	719.00	842.00
			1005131	268.05	269.55	1.50	0.13		7.00	351.00	641.00
			1005132	304.32	305.82	1.50	0.13		3.00	118.00	1040.00
			1005133	305.82	307.32	1.50	0.23		0.50	33.00	70.00
			1005134	307.32	308.32	1.00	0.43		1.00	51.00	109.00
			1005135	308.32	309.25	0.93	0.31		3.00	117.00	371.00
			1005136	309.25	310.75	1.50	0.24		3.00	108.00	170.00
			1005137	310.75	312.05	1.30	0.10		2.00	83.00	629.00
			1005138	312.05	313.03	0.98	0.03		1.00	57.00	83.00
			1005139	313.03	314.00	0.97	0.05		1.00	45.00	59.00
			1005141	314.00	315.00	1.00	1.50		2.00	65.00	92.00
			1005142	315.00	316.53	1.53	0.02		1.00	34.00	85.00
			1005143	316.53	317.53	1.00	0.04		2.00	64.00	373.00
			1005144	317.53	318.53	1.00	0.10		1.00	35.00	78.00
318.53	328.48	MSS, Muscovite Sericite Schist	1005145	318.53	319.53	1.00	0.05		1.00	36.00	138.00
		Medium-light grey MSS C-zone, very strongly ser, with abundant 1-6mm qtz eyes. With local sph-py stringers from 321.5-321.9m and trace cpy and po.	1005146	318.53	319.53	1.00	0.03		1.00	28.00	89.00
			1005147	319.53	320.50	0.97	0.17		1.00	26.00	30.00
			1005148	320.50	321.50	1.00	0.11		1.00	19.00	45.00
			1005149	321.50	321.90	0.40	0.12		6.00	619.00	3216.00
			1005151	321.90	323.06	1.16	0.39		2.00	38.00	95.00
			1005152	323.06	324.23	1.17	0.46		2.00	34.00	92.00
			1005153	324.23	325.23	1.00	0.12		2.00	32.00	59.00
			1005154	325.23	326.48	1.25	0.03		2.00	18.00	63.00
			1005155	326.48	327.48	1.00	0.03		2.00	15.00	48.00
			1005156	327.48	328.48	1.00	0.01		1.00	21.00	56.00

# DETAILED LOG

Hole Number: TL11176

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
328.48	351.00	BMS, Biotite Muscovite Schist  Weakly ser footwall BMS with local sections of very strong ser (341.93-342.83 and 348.93-350m). Trace diss py and po, with few py-sph stringers from 348.93-350m. EOH @ 351m.	1005157	328.48	330.00	1.52	0.00		2.00	20.00	62.00
			1005158	330.00	331.50	1.50	0.00		1.00	10.00	58.00
			1005159	331.50	333.00	1.50	0.00		1.00	11.00	61.00
			1005161	333.00	334.50	1.50	0.00		2.00	13.00	53.00
			1005162	334.50	336.00	1.50	0.00		1.00	9.00	39.00
			1005163	336.00	337.50	1.50	0.00		1.00	14.00	53.00
			1005164	337.50	339.10	1.60	0.02		1.00	14.00	73.00
			1005165	339.10	340.60	1.50	0.04		2.00	28.00	92.00
			1005166	339.10	340.60	1.50	0.01		1.00	20.00	167.00
			1005167	340.60	341.93	1.33	0.09		1.00	14.00	23.00
			1005168	341.93	342.83	0.90	0.02		1.00	18.00	39.00
			1005169	342.83	344.45	1.62	0.02		1.00	24.00	79.00
			1005171	344.45	345.95	1.50	0.14		2.00	20.00	59.00
			1005172	345.95	347.45	1.50	0.02		1.00	28.00	63.00
			1005173	347.45	348.93	1.48	0.03		1.00	23.00	44.00
		1005174	348.93	350.00	1.07	0.21		2.00	106.00	558.00	
		1005175	350.00	351.00	1.00	0.05		1.00	27.00	57.00	

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005039	162.93	164.43	0.0380		2.0000	33.0000	157.0000
1005041	164.43	165.97	0.0120		2.0000	16.0000	41.0000
1005042	165.97	167.47	0.0650		2.0000	79.0000	210.0000
1005043	191.38	192.88	0.2630		2.0000	43.0000	158.0000
1005044	192.88	194.05	0.0030		3.0000	29.0000	690.0000
1005045	194.05	195.40	0.0700		2.0000	18.0000	390.0000
1005047	195.40	196.90	0.0570		2.0000	23.0000	111.0000
1005048	196.90	197.43	0.1760		4.0000	981.0000	2300.0000
1005049	197.43	198.93	0.0250		2.0000	81.0000	156.0000
1005051	198.93	200.10	0.0080		2.0000	23.0000	46.0000
1005052	200.10	201.20	0.0040		2.0000	15.0000	40.0000
1005053	201.20	202.50	0.0120		2.0000	18.0000	55.0000
1005054	202.50	203.70	0.0120		2.0000	28.0000	45.0000
1005055	203.70	205.30	0.6000		2.0000	36.0000	77.0000
1005056	205.30	206.70	0.0620		2.0000	29.0000	76.0000
1005057	206.70	208.30	0.2690		3.0000	120.0000	3581.0000
1005058	208.30	208.94	0.3880		8.0000	1559.0000	4057.0000
1005059	208.94	210.35	0.0340		2.0000	92.0000	1046.0000
1005061	210.35	211.76	0.0110		2.0000	31.0000	653.0000
1005062	211.76	212.26	0.0620		4.0000	576.0000	2487.0000

Hole Number: TL11176

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005063	212.26	213.14	0.0110		2.0000	69.0000	663.0000
1005064	213.14	214.03	0.0330		3.0000	32.0000	675.0000
1005065	214.03	215.20	0.0650		3.0000	91.0000	537.0000
1005067	215.20	215.70	0.0560		3.0000	117.0000	711.0000
1005068	215.70	216.10	0.0550		6.0000	86.0000	336.0000
1005069	216.10	217.10	0.4360		3.0000	41.0000	141.0000
1005071	217.10	218.16	0.3560		7.0000	177.0000	365.0000
1005072	218.16	219.16	0.1930		4.0000	155.0000	726.0000
1005073	219.16	220.03	0.0480		2.0000	49.0000	192.0000
1005074	220.03	221.03	0.0260		3.0000	53.0000	125.0000
1005075	221.03	222.53	0.0190		3.0000	85.0000	121.0000
1005076	222.53	224.03	0.0650		3.0000	54.0000	114.0000
1005077	224.03	225.00	0.2950		2.0000	96.0000	357.0000
1005078	225.00	226.33	0.0420		3.0000	66.0000	88.0000
1005079	226.33	227.67	0.0340		2.0000	63.0000	73.0000
1005081	227.67	228.67	0.0330		2.0000	28.0000	59.0000
1005082	228.67	229.67	0.0160		2.0000	79.0000	60.0000
1005083	229.67	230.67	0.3030		2.0000	297.0000	206.0000
1005084	230.67	231.47	0.4970		4.0000	2845.0000	6603.0000
1005085	231.47	232.45	0.7980		3.0000	965.0000	1727.0000
1005087	232.45	233.43	0.2050		2.0000	330.0000	202.0000
1005088	233.43	234.00	0.8280		12.0000	7879.0000	7352.0000
1005089	234.00	234.58	18.5250	19.6690	4.0000	1852.0000	5924.0000
1005091	234.58	235.58	0.1660		1.0000	296.0000	195.0000
1005092	235.58	236.45	0.1280		1.0000	525.0000	2278.0000
1005093	236.45	237.45	0.2150		1.0000	557.0000	1093.0000
1005094	237.45	238.45	0.1520		2.0000	1023.0000	4669.0000
1005095	238.45	239.45	0.1910		1.0000	264.0000	849.0000
1005096	239.45	240.45	0.2490		3.0000	1145.0000	1235.0000
1005097	240.45	241.12	0.5480		4.0000	995.0000	2948.0000
1005098	241.12	241.70	0.3650		3.0000	913.0000	1088.0000
1005099	241.70	242.39	3.5450		15.0000	2203.0000	8953.0000
1005101	242.39	243.39	1.6230		13.0000	901.0000	1834.0000
1005102	243.39	244.39	0.6690		2.0000	369.0000	495.0000
1005103	244.39	245.39	0.5490		1.0000	206.0000	217.0000
1005104	245.39	246.39	0.6120		2.0000	617.0000	1327.0000
1005105	246.39	247.39	0.2390		2.0000	86.0000	168.0000
1005107	247.39	248.39	0.0230		1.0000	53.0000	177.0000
1005108	248.39	249.39	0.0660		2.0000	79.0000	155.0000

Hole Number: TL11176

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005109	249.39	250.32	0.5070		2.0000	156.0000	372.0000
1005111	250.32	251.32	0.8070		3.0000	394.0000	1060.0000
1005112	251.32	252.35	0.2000		2.0000	70.0000	113.0000
1005113	252.35	253.85	0.8670		3.0000	68.0000	161.0000
1005114	253.85	254.85	0.0410		1.0000	47.0000	161.0000
1005115	254.85	255.85	0.0360		1.0000	148.0000	78.0000
1005116	255.85	257.13	0.5080		4.0000	1784.0000	6815.0000
1005117	257.13	258.08	0.0680		2.0000	388.0000	1497.0000
1005118	258.08	259.08	0.0930		2.0000	364.0000	1033.0000
1005119	259.08	259.92	0.4610		3.0000	828.0000	2239.0000
1005121	259.92	260.95	0.1600		2.0000	287.0000	431.0000
1005122	260.95	261.43	1.0530		11.0000	7341.0000	13394.0000
1005123	261.43	262.43	0.1220		2.0000	333.0000	519.0000
1005124	262.43	263.25	0.5170		4.0000	1181.0000	3465.0000
1005125	263.25	264.05	1.6200		13.0000	4656.0000	4003.0000
1005127	264.05	265.55	0.0480		2.0000	290.0000	503.0000
1005128	265.55	266.55	0.0330		3.0000	1480.0000	2039.0000
1005129	266.55	268.05	0.0990		3.0000	719.0000	842.0000
1005131	268.05	269.55	0.1280		7.0000	351.0000	641.0000
1005132	304.32	305.82	0.1250		3.0000	118.0000	1040.0000
1005133	305.82	307.32	0.2340		0.5000	33.0000	70.0000
1005134	307.32	308.32	0.4310		1.0000	51.0000	109.0000
1005135	308.32	309.25	0.3110		3.0000	117.0000	371.0000
1005136	309.25	310.75	0.2430		3.0000	108.0000	170.0000
1005137	310.75	312.05	0.0950		2.0000	83.0000	629.0000
1005138	312.05	313.03	0.0330		1.0000	57.0000	83.0000
1005139	313.03	314.00	0.0530		1.0000	45.0000	59.0000
1005141	314.00	315.00	1.4970		2.0000	65.0000	92.0000
1005142	315.00	316.53	0.0170		1.0000	34.0000	85.0000
1005143	316.53	317.53	0.0400		2.0000	64.0000	373.0000
1005144	317.53	318.53	0.0960		1.0000	35.0000	78.0000
1005145	318.53	319.53	0.0510		1.0000	36.0000	138.0000
1005147	319.53	320.50	0.1680		1.0000	26.0000	30.0000
1005148	320.50	321.50	0.1060		1.0000	19.0000	45.0000
1005149	321.50	321.90	0.1220		6.0000	619.0000	3216.0000
1005151	321.90	323.06	0.3890		2.0000	38.0000	95.0000
1005152	323.06	324.23	0.4640		2.0000	34.0000	92.0000
1005153	324.23	325.23	0.1170		2.0000	32.0000	59.0000
1005154	325.23	326.48	0.0260		2.0000	18.0000	63.0000



Hole Number: TL11176

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005155	326.48	327.48	0.0280		2.0000	15.0000	48.0000
1005156	327.48	328.48	0.0140		1.0000	21.0000	56.0000
1005157	328.48	330.00	0.0040		2.0000	20.0000	62.0000
1005158	330.00	331.50	0.0030		1.0000	10.0000	58.0000
1005159	331.50	333.00	0.0020		1.0000	11.0000	61.0000
1005161	333.00	334.50	0.0005		2.0000	13.0000	53.0000
1005162	334.50	336.00	0.0010		1.0000	9.0000	39.0000
1005163	336.00	337.50	0.0020		1.0000	14.0000	53.0000
1005164	337.50	339.10	0.0210		1.0000	14.0000	73.0000
1005165	339.10	340.60	0.0380		2.0000	28.0000	92.0000
1005167	340.60	341.93	0.0920		1.0000	14.0000	23.0000
1005168	341.93	342.83	0.0220		1.0000	18.0000	39.0000
1005169	342.83	344.45	0.0190		1.0000	24.0000	79.0000
1005171	344.45	345.95	0.1360		2.0000	20.0000	59.0000
1005172	345.95	347.45	0.0190		1.0000	28.0000	63.0000
1005173	347.45	348.93	0.0280		1.0000	23.0000	44.0000
1005174	348.93	350.00	0.2090		2.0000	106.0000	558.0000
1005175	350.00	351.00	0.0540		1.0000	27.0000	57.0000
Sample Type	CDUP						
1005046	194.05	195.40	0.0830		2.0000	16.0000	365.0000
1005066	214.03	215.20	0.0770		3.0000	109.0000	463.0000
1005086	231.47	232.45	0.3680		2.0000	416.0000	1742.0000
1005106	246.39	247.39	0.1580		2.0000	71.0000	131.0000
1005126	263.25	264.05	0.7970		10.0000	3582.0000	4838.0000
1005146	318.53	319.53	0.0330		1.0000	28.0000	89.0000
1005166	339.10	340.60	0.0120		1.0000	20.0000	167.0000



## DETAILED LOG

Hole Number: TL11177

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
10.60	145.57	BMS, Biotite Muscovite Schist Hangingwall BMS, very wkly ser, with local v. strong ser patches (76.05-78.28 and 94.16-96). Tr-2% diss pyrite and local sph/gln/py stringers	1005176	73.05	74.55	1.50	0.01		0.50	37.00	177.00
			1005177	74.55	76.05	1.50	0.02		1.00	58.00	430.00
			1005178	76.05	77.15	1.10	0.01		1.00	27.00	335.00
			1005179	77.15	78.28	1.13	0.01		0.50	28.00	772.00
			1005181	78.28	79.78	1.50	0.05		2.00	31.00	693.00
			1005182	79.78	81.28	1.50	0.06		2.00	25.00	246.00
			1005183	92.66	94.16	1.50	0.02		1.00	11.00	134.00
			1005184	94.16	95.08	0.92	0.02		1.00	12.00	57.00
			1005185	95.08	96.00	0.92	0.03		0.50	16.00	76.00
			1005186	95.08	96.00	0.92	0.01		0.50	17.00	79.00
			1005187	96.00	97.08	1.08	0.08		0.50	17.00	95.00
			1005188	97.08	98.58	1.50	0.05		0.50	20.00	133.00
			1005189	130.70	132.20	1.50	0.01		0.50	16.00	83.00
			1005191	132.20	132.79	0.59	0.17		8.00	4156.00	8135.00
			1005192	132.79	134.29	1.50	0.02		2.00	151.00	301.00
			1005193	134.29	135.79	1.50	0.09		1.00	73.00	245.00
			1005194	135.79	137.29	1.50	0.04		1.00	62.00	144.00
			1005195	137.29	138.79	1.50	0.02		0.50	71.00	132.00
			1005196	138.79	140.12	1.33	0.03		0.50	44.00	79.00
			1005197	140.12	141.62	1.50	0.02		0.50	31.00	62.00
			1005198	141.62	143.12	1.50	0.04		1.00	120.00	347.00
		1005199	143.12	143.62	0.50	0.04		6.00	2158.00	5714.00	
		1005201	143.62	144.60	0.98	0.02		0.50	73.00	121.00	
		1005202	144.60	145.57	0.97	0.02		0.50	40.00	141.00	
145.57	163.43	MSS, Muscovite Sericite Schist Hangingwall MSS zone, very strongly ser. 1-2% pyrite with 1% sph stringers from 145.57-148.01 and trace sph stringers from 155.15-155.4.	1005203	145.57	146.46	0.89	0.03		0.50	39.00	328.00
			1005204	146.46	147.35	0.89	0.04		0.50	32.00	39.00
			1005205	147.35	148.01	0.66	0.25		5.00	233.00	1831.00
			1005206	147.35	148.01	0.66	0.77		8.00	426.00	4329.00
			1005207	148.01	149.00	0.99	0.42		1.00	43.00	184.00
			1005208	149.00	150.00	1.00	0.12		2.00	44.00	160.00
			1005209	150.00	151.50	1.50	0.13		2.00	54.00	152.00
			1005211	151.50	152.50	1.00	0.41		2.00	50.00	179.00
			1005212	152.50	153.55	1.05	0.08		2.00	35.00	96.00
			1005213	153.55	154.55	1.00	0.02		1.00	46.00	119.00
			1005214	154.55	155.43	0.88	0.02		1.00	20.00	263.00
			1005215	155.43	156.43	1.00	0.01		1.00	16.00	30.00
			1005216	156.43	157.43	1.00	0.02		0.50	19.00	79.00
			1005217	157.43	158.43	1.00	0.02		1.00	17.00	24.00
			1005218	158.43	159.43	1.00	0.01		1.00	41.00	34.00
			1005219	159.43	160.43	1.00	0.01		0.50	35.00	48.00
			1005221	160.43	161.43	1.00	0.01		3.00	28.00	41.00
			1005222	161.43	162.43	1.00	0.01		1.00	22.00	351.00
			1005223	162.43	163.43	1.00	0.03		2.00	145.00	231.00

## DETAILED LOG

Hole Number: TL11177

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
163.43	201.95	BMS, Biotite Muscovite Schist Weak-mod ser hangingwall BMS, with local mineralized patch of very strong ser (192.1-194.2: 2% py, 1% sph, tr gln, local 2% cpy and tr cov?)	1005224	163.43	164.93	1.50	0.03		1.00	131.00	332.00
			1005225	164.93	166.43	1.50	0.01		1.00	27.00	68.00
			1005226	164.93	166.43	1.50	0.01		0.50	63.00	1160.00
			1005227	190.60	192.10	1.50	0.02		2.00	53.00	907.00
			1005228	192.10	193.15	1.05	1.18		91.00	244.00	1260.00
			1005229	193.15	193.55	0.40	4.32		279.00	1569.00	3358.00
			1005231	193.55	194.20	0.65	0.25		10.00	205.00	640.00
			1005232	194.20	195.62	1.42	0.07		2.00	55.00	682.00
			1005233	195.62	197.12	1.50	0.02		0.50	25.00	159.00
			1005234	197.12	198.19	1.07	0.02		0.50	42.00	159.00
			1005235	198.19	199.26	1.07	0.07		3.00	489.00	669.00
			1005236	199.26	200.65	1.39	0.18		5.00	368.00	567.00
			1005237	200.65	201.95	1.30	0.15		3.00	245.00	341.00
201.95	219.65	MSS, Muscovite Sericite Schist MSS main zone, very strongly ser. 1-2% py, trace sph and po. From 204-206.65m, 4% py, 3% gln-po-cpy.	1005238	201.95	203.45	1.50	0.08		1.00	124.00	185.00
			1005239	203.45	204.60	1.15	0.45		3.00	264.00	537.00
			1005241	204.60	205.40	0.80	1.68		15.00	730.00	955.00
			1005242	205.40	206.05	0.65	2.87		17.00	1105.00	1984.00
			1005243	206.05	206.80	0.75	0.31		2.00	166.00	256.00
			1005244	206.80	207.58	0.78	0.07		1.00	117.00	136.00
			1005245	207.58	208.05	0.47	0.57		5.00	382.00	1525.00
			1005246	207.58	208.05	0.47	1.10		10.00	1509.00	2161.00
			1005247	208.05	209.00	0.95	0.23		1.00	134.00	190.00
			1005248	209.00	210.00	1.00	0.11		2.00	155.00	283.00
			1005249	210.00	211.00	1.00	0.42		3.00	259.00	266.00
			1005251	211.00	212.00	1.00	0.27		12.00	357.00	494.00
			1005252	212.00	212.85	0.85	0.27		5.00	160.00	590.00
			1005253	212.85	213.85	1.00	0.07		3.00	88.00	505.00
			1005254	213.85	214.85	1.00	0.12		3.00	147.00	241.00
			1005255	214.85	215.85	1.00	0.37		2.00	91.00	124.00
			1005256	215.85	216.85	1.00	0.10		3.00	248.00	189.00
			1005257	216.85	217.85	1.00	0.04		1.00	83.00	111.00
1005258	217.85	218.85	1.00	0.07		2.00	169.00	164.00			
1005259	218.85	219.65	0.80	0.35		5.00	698.00	1783.00			

## DETAILED LOG

Hole Number: TL11177

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
219.65	266.10	BMS, Biotite Muscovite Schist BMS zone with 1-3% diss py and trace po. Transitional patchy strong ser from upper contact to 243.72m. 243.72-266.1 is weakly altered.	1005261	219.65	221.15	1.50	0.02		1.00	70.00	82.00
			1005262	221.15	222.65	1.50	0.01		1.00	24.00	60.00
			1005263	222.65	224.15	1.50	0.01		0.50	24.00	51.00
			1005264	224.15	225.65	1.50	0.01		0.50	19.00	44.00
			1005265	225.65	227.15	1.50	0.01		0.50	17.00	185.00
			1005266	225.65	227.15	1.50	0.01		0.50	19.00	210.00
			1005267	227.15	228.65	1.50	0.01		0.50	17.00	77.00
			1005268	228.65	230.15	1.50	0.01		0.50	19.00	45.00
			1005269	230.15	231.65	1.50	0.01		0.50	23.00	116.00
			1005271	231.65	233.15	1.50	0.02		0.50	22.00	43.00
			1005272	233.15	234.65	1.50	0.01		0.50	19.00	45.00
			1005273	234.65	236.28	1.63	0.01		0.50	15.00	33.00
			1005274	236.28	237.72	1.44	0.01		0.50	13.00	45.00
			1005275	237.72	239.22	1.50	0.02		0.50	12.00	34.00
			1005276	239.22	240.72	1.50	0.01		0.50	12.00	32.00
			1005277	240.72	242.22	1.50	0.30		0.50	14.00	30.00
			1005278	242.22	243.72	1.50	0.02		0.50	12.00	51.00
			1005279	243.72	245.34	1.62	0.02		0.50	19.00	54.00
			1005281	245.34	246.84	1.50	0.02		1.00	18.00	104.00
			1005282	263.10	264.60	1.50	0.02		0.50	26.00	49.00
			1005283	264.60	266.10	1.50	0.03		2.00	28.00	73.00
266.10	283.54	MSS, Muscovite Sericite Schist Very strongly ser MSS C-zone, with alteration/mineralization break from 276.63-280.04m. 4-5% py, tr-2% sph and tr-1% po	1005284	266.10	267.10	1.00	0.04		1.00	26.00	132.00
			1005285	267.10	268.10	1.00	0.27		1.00	23.00	35.00
			1005286	267.10	268.10	1.00	0.11		1.00	27.00	1714.00
			1005287	268.10	269.10	1.00	0.12		1.00	30.00	1021.00
			1005288	269.10	270.10	1.00	0.11		0.50	35.00	1067.00
			1005289	270.10	271.10	1.00	1.53		3.00	76.00	819.00
			1005291	271.10	272.10	1.00	0.13		0.50	76.00	420.00
			1005292	272.10	273.00	0.90	0.41		1.00	77.00	386.00
			1005293	273.00	273.70	0.70	0.90		4.00	127.00	1314.00
			1005294	273.70	274.70	1.00	0.58		4.00	159.00	271.00
			1005295	274.70	275.68	0.98	0.70		6.00	210.00	1101.00
			1005296	275.68	276.63	0.95	0.18		3.00	101.00	234.00
			1005297	276.63	277.76	1.13	0.36		3.00	77.00	197.00
			1005298	277.76	278.90	1.14	0.27		2.00	45.00	119.00
			1005299	278.90	280.04	1.14	0.09		3.00	61.00	172.00
			1005301	280.04	281.04	1.00	0.37		4.00	111.00	568.00
			1005302	281.04	281.54	0.50	0.86		3.00	178.00	1525.00
			1005303	281.54	282.54	1.00	1.43		3.00	72.00	236.00
			1005304	282.54	283.54	1.00	0.18		2.00	144.00	210.00

# DETAILED LOG

Hole Number: TL11177

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
283.54	306.00	BMS, Biotite Muscovite Schist Mod ser BMS until 302.04m, followed by very wkly ser. With local sulphide stringers/bands (286.2-286.5 with 10%sph, 7%py; 299.09-299.22 with 20%py, 10%sph, 3%po, tr cpy).	1005305	283.54	284.81	1.27	0.07		2.00	52.00	117.00
			1005306	283.54	284.81	1.27	0.08		2.00	43.00	97.00
			1005307	284.81	286.10	1.29	0.11		2.00	49.00	97.00
			1005308	286.10	286.40	0.30	0.79		3.00	167.00	16920.00
			1005309	286.40	287.90	1.50	0.04		2.00	47.00	655.00
			1005311	287.90	289.23	1.33	0.06		12.00	290.00	548.00
			1005312	289.23	290.73	1.50	0.07		4.00	91.00	219.00
			1005313	290.73	292.23	1.50	0.05		3.00	52.00	295.00
			1005314	292.23	293.73	1.50	0.03		2.00	47.00	146.00
			1005315	293.73	295.23	1.50	0.11		2.00	57.00	169.00
			1005316	295.23	296.52	1.29	0.16		2.00	112.00	577.00
			1005317	296.52	297.98	1.46	0.06		2.00	43.00	130.00
			1005318	297.98	298.98	1.00	0.06		2.00	71.00	268.00
			1005319	298.98	299.29	0.31	2.94		13.00	386.00	34770.00
			1005321	299.29	300.25	0.96	0.03		2.00	43.00	456.00
			1005322	300.25	301.05	0.80	0.02		2.00	24.00	2250.00
			1005323	301.05	302.04	0.99	0.08		2.00	27.00	362.00
			1005324	302.04	303.25	1.21	0.02		2.00	20.00	109.00
			1005325	303.25	304.63	1.38	0.02		2.00	28.00	148.00
			1005326	303.25	304.63	1.38	0.02		2.00	30.00	149.00
		1005327	304.63	306.00	1.37	0.01		2.00	20.00	60.00	

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005176	73.05	74.55	0.0080		0.5000	37.0000	177.0000
1005177	74.55	76.05	0.0230		1.0000	58.0000	430.0000
1005178	76.05	77.15	0.0080		1.0000	27.0000	335.0000
1005179	77.15	78.28	0.0090		0.5000	28.0000	772.0000
1005181	78.28	79.78	0.0510		2.0000	31.0000	693.0000
1005182	79.78	81.28	0.0610		2.0000	25.0000	246.0000
1005183	92.66	94.16	0.0160		1.0000	11.0000	134.0000
1005184	94.16	95.08	0.0200		1.0000	12.0000	57.0000
1005185	95.08	96.00	0.0310		0.5000	16.0000	76.0000
1005187	96.00	97.08	0.0810		0.5000	17.0000	95.0000
1005188	97.08	98.58	0.0460		0.5000	20.0000	133.0000
1005189	130.70	132.20	0.0130		0.5000	16.0000	83.0000
1005191	132.20	132.79	0.1710		8.0000	4156.0000	8135.0000
1005192	132.79	134.29	0.0210		2.0000	151.0000	301.0000
1005193	134.29	135.79	0.0940		1.0000	73.0000	245.0000
1005194	135.79	137.29	0.0410		1.0000	62.0000	144.0000

Hole Number: TL11177

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005195	137.29	138.79	0.0200		0.5000	71.0000	132.0000
1005196	138.79	140.12	0.0280		0.5000	44.0000	79.0000
1005197	140.12	141.62	0.0210		0.5000	31.0000	62.0000
1005198	141.62	143.12	0.0400		1.0000	120.0000	347.0000
1005199	143.12	143.62	0.0440		6.0000	2158.0000	5714.0000
1005201	143.62	144.60	0.0150		0.5000	73.0000	121.0000
1005202	144.60	145.57	0.0220		0.5000	40.0000	141.0000
1005203	145.57	146.46	0.0320		0.5000	39.0000	328.0000
1005204	146.46	147.35	0.0390		0.5000	32.0000	39.0000
1005205	147.35	148.01	0.2480		5.0000	233.0000	1831.0000
1005207	148.01	149.00	0.4210		1.0000	43.0000	184.0000
1005208	149.00	150.00	0.1160		2.0000	44.0000	160.0000
1005209	150.00	151.50	0.1300		2.0000	54.0000	152.0000
1005211	151.50	152.50	0.4100		2.0000	50.0000	179.0000
1005212	152.50	153.55	0.0750		2.0000	35.0000	96.0000
1005213	153.55	154.55	0.0230		1.0000	46.0000	119.0000
1005214	154.55	155.43	0.0210		1.0000	20.0000	263.0000
1005215	155.43	156.43	0.0100		1.0000	16.0000	30.0000
1005216	156.43	157.43	0.0180		0.5000	19.0000	79.0000
1005217	157.43	158.43	0.0150		1.0000	17.0000	24.0000
1005218	158.43	159.43	0.0110		1.0000	41.0000	34.0000
1005219	159.43	160.43	0.0070		0.5000	35.0000	48.0000
1005221	160.43	161.43	0.0050		3.0000	28.0000	41.0000
1005222	161.43	162.43	0.0090		1.0000	22.0000	351.0000
1005223	162.43	163.43	0.0260		2.0000	145.0000	231.0000
1005224	163.43	164.93	0.0270		1.0000	131.0000	332.0000
1005225	164.93	166.43	0.0080		1.0000	27.0000	68.0000
1005227	190.60	192.10	0.0180		2.0000	53.0000	907.0000
1005228	192.10	193.15	1.1830		91.0000	244.0000	1260.0000
1005229	193.15	193.55	4.3180		279.0000	1569.0000	3358.0000
1005231	193.55	194.20	0.2470		10.0000	205.0000	640.0000
1005232	194.20	195.62	0.0720		2.0000	55.0000	682.0000
1005233	195.62	197.12	0.0150		0.5000	25.0000	159.0000
1005234	197.12	198.19	0.0190		0.5000	42.0000	159.0000
1005235	198.19	199.26	0.0650		3.0000	489.0000	669.0000
1005236	199.26	200.65	0.1810		5.0000	368.0000	567.0000
1005237	200.65	201.95	0.1500		3.0000	245.0000	341.0000
1005238	201.95	203.45	0.0760		1.0000	124.0000	185.0000
1005239	203.45	204.60	0.4450		3.0000	264.0000	537.0000

Hole Number: TL11177

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005241	204.60	205.40	1.6830		15.0000	730.0000	955.0000
1005242	205.40	206.05	2.8680		17.0000	1105.0000	1984.0000
1005243	206.05	206.80	0.3120		2.0000	166.0000	256.0000
1005244	206.80	207.58	0.0660		1.0000	117.0000	136.0000
1005245	207.58	208.05	0.5670		5.0000	382.0000	1525.0000
1005247	208.05	209.00	0.2320		1.0000	134.0000	190.0000
1005248	209.00	210.00	0.1120		2.0000	155.0000	283.0000
1005249	210.00	211.00	0.4240		3.0000	259.0000	266.0000
1005251	211.00	212.00	0.2650		12.0000	357.0000	494.0000
1005252	212.00	212.85	0.2660		5.0000	160.0000	590.0000
1005253	212.85	213.85	0.0740		3.0000	88.0000	505.0000
1005254	213.85	214.85	0.1150		3.0000	147.0000	241.0000
1005255	214.85	215.85	0.3680		2.0000	91.0000	124.0000
1005256	215.85	216.85	0.0950		3.0000	248.0000	189.0000
1005257	216.85	217.85	0.0420		1.0000	83.0000	111.0000
1005258	217.85	218.85	0.0670		2.0000	169.0000	164.0000
1005259	218.85	219.65	0.3470		5.0000	698.0000	1783.0000
1005261	219.65	221.15	0.0160		1.0000	70.0000	82.0000
1005262	221.15	222.65	0.0140		1.0000	24.0000	60.0000
1005263	222.65	224.15	0.0080		0.5000	24.0000	51.0000
1005264	224.15	225.65	0.0060		0.5000	19.0000	44.0000
1005265	225.65	227.15	0.0090		0.5000	17.0000	185.0000
1005267	227.15	228.65	0.0070		0.5000	17.0000	77.0000
1005268	228.65	230.15	0.0130		0.5000	19.0000	45.0000
1005269	230.15	231.65	0.0090		0.5000	23.0000	116.0000
1005271	231.65	233.15	0.0190		0.5000	22.0000	43.0000
1005272	233.15	234.65	0.0100		0.5000	19.0000	45.0000
1005273	234.65	236.28	0.0140		0.5000	15.0000	33.0000
1005274	236.28	237.72	0.0100		0.5000	13.0000	45.0000
1005275	237.72	239.22	0.0150		0.5000	12.0000	34.0000
1005276	239.22	240.72	0.0110		0.5000	12.0000	32.0000
1005277	240.72	242.22	0.2980		0.5000	14.0000	30.0000
1005278	242.22	243.72	0.0160		0.5000	12.0000	51.0000
1005279	243.72	245.34	0.0150		0.5000	19.0000	54.0000
1005281	245.34	246.84	0.0150		1.0000	18.0000	104.0000
1005282	263.10	264.60	0.0240		0.5000	26.0000	49.0000
1005283	264.60	266.10	0.0290		2.0000	28.0000	73.0000
1005284	266.10	267.10	0.0360		1.0000	26.0000	132.0000
1005285	267.10	268.10	0.2650		1.0000	23.0000	35.0000



Hole Number: TL11177

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005287	268.10	269.10	0.1210		1.0000	30.0000	1021.0000
1005288	269.10	270.10	0.1140		0.5000	35.0000	1067.0000
1005289	270.10	271.10	1.5320		3.0000	76.0000	819.0000
1005291	271.10	272.10	0.1290		0.5000	76.0000	420.0000
1005292	272.10	273.00	0.4090		1.0000	77.0000	386.0000
1005293	273.00	273.70	0.8970		4.0000	127.0000	1314.0000
1005294	273.70	274.70	0.5770		4.0000	159.0000	271.0000
1005295	274.70	275.68	0.6990		6.0000	210.0000	1101.0000
1005296	275.68	276.63	0.1750		3.0000	101.0000	234.0000
1005297	276.63	277.76	0.3550		3.0000	77.0000	197.0000
1005298	277.76	278.90	0.2680		2.0000	45.0000	119.0000
1005299	278.90	280.04	0.0890		3.0000	61.0000	172.0000
1005301	280.04	281.04	0.3660		4.0000	111.0000	568.0000
1005302	281.04	281.54	0.8560		3.0000	178.0000	1525.0000
1005303	281.54	282.54	1.4250		3.0000	72.0000	236.0000
1005304	282.54	283.54	0.1830		2.0000	144.0000	210.0000
1005305	283.54	284.81	0.0730		2.0000	52.0000	117.0000
1005307	284.81	286.10	0.1070		2.0000	49.0000	97.0000
1005308	286.10	286.40	0.7860		3.0000	167.0000	16920.0000
1005309	286.40	287.90	0.0370		2.0000	47.0000	655.0000
1005311	287.90	289.23	0.0640		12.0000	290.0000	548.0000
1005312	289.23	290.73	0.0680		4.0000	91.0000	219.0000
1005313	290.73	292.23	0.0520		3.0000	52.0000	295.0000
1005314	292.23	293.73	0.0300		2.0000	47.0000	146.0000
1005315	293.73	295.23	0.1090		2.0000	57.0000	169.0000
1005316	295.23	296.52	0.1620		2.0000	112.0000	577.0000
1005317	296.52	297.98	0.0550		2.0000	43.0000	130.0000
1005318	297.98	298.98	0.0600		2.0000	71.0000	268.0000
1005319	298.98	299.29	2.9410		13.0000	386.0000	34770.0000
1005321	299.29	300.25	0.0300		2.0000	43.0000	456.0000
1005322	300.25	301.05	0.0240		2.0000	24.0000	2250.0000
1005323	301.05	302.04	0.0790		2.0000	27.0000	362.0000
1005324	302.04	303.25	0.0150		2.0000	20.0000	109.0000
1005325	303.25	304.63	0.0180		2.0000	28.0000	148.0000
1005327	304.63	306.00	0.0090		2.0000	20.0000	60.0000
Sample Type	CDUP						
1005186	95.08	96.00	0.0070		0.5000	17.0000	79.0000
1005206	147.35	148.01	0.7690		8.0000	426.0000	4329.0000
1005226	164.93	166.43	0.0100		0.5000	63.0000	1160.0000

Hole Number: TL11177

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type CDUP							
1005246	207.58	208.05	1.1010		10.0000	1509.0000	2161.0000
1005266	225.65	227.15	0.0100		0.5000	19.0000	210.0000
1005286	267.10	268.10	0.1120		1.0000	27.0000	1714.0000
1005306	283.54	284.81	0.0750		2.0000	43.0000	97.0000
1005326	303.25	304.63	0.0180		2.0000	30.0000	149.0000

# DETAILED LOG

Hole Number: TL11178

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -70.00
Project Number: TMI-TL	North: 5511664.16	North:	Collar Az: 350.00
Location: Zealand Township	East: 527398.17	East:	Length: 339.00
	Elev: 394.90	Elev:	Start Depth: 0.00
Date Started: May 25, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: May 27, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 339.00

Comments: Main zone - 205-249  
 Strong sr alteration with patches of weak alt. Abundant mineralized stringers throughout a large portion of the zone. Sph 4-5%, Gn 2-3%, cpy 1-2%  
 Possible VG specks 205.35 - 205.37 & 218.97-218.99  
 C-zone - 284-323  
 Strongly sericitized with patches of weak alt. Poorly mineralized

### Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	355.00	-51.00	EZ Sho	OK		33.00	355.30	-50.10	EZ Sho	OK	
54.00	355.60	-49.90	EZ Sho	OK		102.00	356.20	-48.90	EZ Sho	OK	
150.00	356.50	-47.30	EZ Sho	OK		204.00	356.20	-44.80	EZ Sho	OK	
252.00	356.40	-42.30	EZ Sho	OK		300.00	354.60	-39.30	EZ Sho	OK	
339.00	355.40	-37.90	EZ Sho	OK							

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	12.00	OB, Overburden									
12.00	164.65	BMS, Biotite Muscovite Schist	1075238	103.50	105.00	1.50	0.16		0.50	80.00	79.00
		BMS zone with sections that look typical, however abundant fracturing throughout zone cause localized increases in sr and chl alteration. Poorly mineralized except for occasional sph stringers which appear in strongly sericitized patches.	1075239	105.00	106.58	1.58	0.26		0.50	241.00	555.00
			1075241	106.58	107.58	1.00	0.11		0.50	478.00	5961.00
			1075242	107.58	109.50	1.92	0.15		1.00	294.00	1177.00
			1075243	139.35	140.35	1.00	0.01		0.50	36.00	106.00
			1075244	140.35	141.35	1.00	0.00		0.50	11.00	45.00
			1075246	155.03	156.50	1.47	0.01		0.50	11.00	36.00
			1075245	155.03	156.50	1.47	0.01		0.50	14.00	55.00
			1075247	156.50	157.50	1.00	0.01		0.50	14.00	25.00
			1075248	157.50	158.50	1.00	0.02		0.50	12.00	28.00
			1075249	158.50	159.50	1.00	0.03		0.50	33.00	123.00
			1075251	159.50	161.00	1.50	0.05		0.50	47.00	182.00
			1075252	161.00	162.50	1.50	0.03		0.50	21.00	79.00
			1075253	162.50	163.50	1.00	0.02		0.50	19.00	50.00
			1075254	163.50	164.65	1.15	0.01		0.50	27.00	781.00

## DETAILED LOG

Hole Number: TL11178

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
164.65	170.56	MSS, Muscovite Sericite Schist Small, coarse looking MSS zone. moderate to strong sr alteration with poor mineralization. Looks like it may also be some sort of felsic volcanic or coarser meta-sed	1075255	164.65	166.00	1.35	0.03		0.50	36.00	86.00
			1075256	166.00	167.00	1.00	0.01		2.00	37.00	87.00
			1075257	167.00	168.00	1.00	0.01		0.50	35.00	114.00
			1075258	168.00	169.00	1.00	0.33		3.00	51.00	1612.00
			1075259	169.00	170.56	1.56	0.02		0.50	106.00	211.00
170.56	189.37	BMS, Biotite Muscovite Schist Moderately sericitized BMS zone that transitions into the main zone. Difficult to find exact contacts. Common fracturing, several nicely mineralized stringers of py, sph, cpy but overall poorly mineralized. Stringers typically found in stronger sr alt.	1075261	170.56	172.00	1.44	0.05		0.50	15.00	69.00
			1075262	172.00	173.00	1.00	0.20		1.00	47.00	87.00
			1075263	173.00	174.00	1.00	0.25		0.50	25.00	118.00
			1075264	174.00	175.50	1.50	0.03		0.50	40.00	79.00
			1075265	175.50	177.00	1.50	0.01		0.50	30.00	68.00
			1075266	175.50	177.00	1.50	0.01		0.50	42.00	62.00
			1075267	177.00	178.20	1.20	0.02		0.50	37.00	96.00
			1075268	184.00	185.00	1.00	0.26		4.00	667.00	761.00
			1075269	185.00	186.00	1.00	0.03		0.50	30.00	161.00
			1075271	186.00	187.50	1.50	0.02		0.50	41.00	141.00
			1075272	187.50	188.50	1.00	0.01		0.50	36.00	26.00
			1075273	188.50	189.37	0.87	0.02		0.50	26.00	58.00
189.37	189.68	MD, Mafic Dyke Dark green coloured mafic dyke. Black amphibole crystals found throughout. Very sharp contacts	1075274	189.37	189.68	0.31	0.21		1.00	28.00	154.00
189.68	205.27	BMS, Biotite Muscovite Schist Continuation of BMS on other side of Mafic Dyke. Moderately sericitized BMS zone that transitions into the main zone. Difficult to find exact contacts. Common fracturing, several nicely mineralized stringers of py, sph, cpy but overall poorly mineralized. Stringers typically found in stronger sr alt.	1075275	189.68	191.00	1.32	0.25		1.00	118.00	402.00
			1075276	191.00	192.00	1.00	0.09		0.50	23.00	75.00
			1075277	192.00	193.00	1.00	0.18		1.00	75.00	438.00
			1075278	193.00	194.00	1.00	0.36		0.50	60.00	223.00
			1075279	194.00	195.00	1.00	0.06		0.50	19.00	46.00
			1075281	195.00	196.50	1.50	0.06		0.50	26.00	110.00
			1075282	196.50	198.00	1.50	0.07		0.50	24.00	60.00
			1075283	198.00	199.50	1.50	0.12		0.50	120.00	231.00
			1075284	199.50	201.00	1.50	0.19		2.00	79.00	115.00
			1075285	201.00	202.00	1.00	0.03		0.50	43.00	154.00
			1075286	201.00	202.00	1.00	0.05		0.50	39.00	288.00
			1075287	202.00	203.00	1.00	0.02		0.50	17.00	27.00
			1075288	203.00	204.00	1.00	0.02		0.50	26.00	33.00
			1075289	204.00	205.27	1.27	0.02		0.50	35.00	39.00

## DETAILED LOG

Hole Number: TL11178

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
205.27	249.33	MSS, Muscovite Sericite Schist	1075291	205.27	205.77	0.50	11.28		17.00	11528.00	22996.00
		MSS zone with abundant mineralization (sph, gn, cpy) throughout most of it.	1075292	205.77	206.77	1.00	0.32	0.62	0.50	528.00	2329.00
		Strong sr alteration with patches of moderate to strong silicification. Possible VG specks @ 205.35 - 205.37 and 218.97-218.99.	1075293	206.77	207.77	1.00	1.84	1.81	6.00	4909.00	11903.00
			1075294	207.77	209.10	1.33	1.79	1.43	3.00	2276.00	2704.00
			1075295	209.10	210.10	1.00	0.56	0.40	3.00	1921.00	2534.00
			1075296	210.10	210.60	0.50	2.31	1.32	10.00	12553.00	29775.00
			1075297	210.60	211.60	1.00	0.50		1.00	692.00	1254.00
			1075298	211.60	212.60	1.00	0.64		2.00	1570.00	3569.00
			1075299	212.60	213.75	1.15	0.66		0.50	181.00	303.00
			1075301	213.75	214.75	1.00	0.33		0.50	197.00	507.00
			1075302	214.75	215.75	1.00	0.34		11.00	599.00	1075.00
			1075303	215.75	216.75	1.00	0.14		1.00	782.00	928.00
			1075304	216.75	217.75	1.00	0.61		4.00	1470.00	3200.00
			1075305	217.75	218.75	1.00	0.48		4.00	941.00	1981.00
			1075306	217.75	218.75	1.00	0.54		5.00	1076.00	1673.00
			1075307	218.75	219.25	0.50	9.91		14.00	1095.00	2521.00
			1075308	219.25	220.25	1.00	0.35	0.19	0.50	116.00	216.00
			1075309	220.25	221.25	1.00	2.67	2.40	2.00	213.00	426.00
			1075311	221.25	222.33	1.08	0.40		1.00	131.00	349.00
			1075312	222.33	223.33	1.00	0.41		2.00	826.00	1680.00
			1075313	223.33	224.33	1.00	0.29		2.00	833.00	1610.00
			1075314	224.33	225.33	1.00	0.38		4.00	1044.00	3383.00
			1075315	225.33	226.33	1.00	0.47		11.00	4679.00	6780.00
			1075316	226.33	227.33	1.00	0.71		14.00	4171.00	4930.00
			1075317	227.33	228.33	1.00	0.83		3.00	402.00	688.00
			1075318	228.33	229.33	1.00	0.71		2.00	271.00	244.00
			1075319	229.33	230.33	1.00	0.40		3.00	268.00	258.00
			1075321	230.33	231.50	1.17	0.09		1.00	149.00	432.00
			1075322	231.50	232.50	1.00	0.25		0.50	176.00	652.00
			1075323	232.50	234.00	1.50	0.09		0.50	60.00	118.00
			1075324	234.00	235.50	1.50	0.10		0.50	150.00	114.00
			1075325	235.50	237.00	1.50	0.14		0.50	86.00	318.00
			1075326	235.50	237.00	1.50	0.16		0.50	91.00	382.00
			1075327	237.00	238.50	1.50	1.71		1.00	69.00	354.00
			1075328	238.50	240.00	1.50	0.15		0.50	60.00	162.00
			1075329	240.00	241.67	1.67	0.06		2.00	117.00	130.00
			1075331	241.67	242.67	1.00	0.13		2.00	147.00	242.00
			1075332	242.67	243.67	1.00	0.92		4.00	651.00	1299.00
			1075333	243.67	244.67	1.00	0.07		0.50	85.00	182.00
			1075334	244.67	245.67	1.00	0.99		2.00	306.00	500.00
			1075335	245.67	246.67	1.00	0.31		6.00	2229.00	3256.00
			1075336	246.67	247.87	1.20	0.07		3.00	413.00	430.00
			1075337	247.87	249.33	1.46	0.03		0.50	101.00	89.00

## DETAILED LOG

Hole Number: TL11178

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
249.33	284.90	BMS, Biotite Muscovite Schist	1075338	249.33	250.83	1.50	0.08		2.00	88.00	209.00
		BMS with weak to moderate sr alteration. Poorly mineralized with uncommon sph/po and rare cpy	1075339	267.00	268.50	1.50	0.04		2.00	60.00	400.00
			1075341	268.50	270.00	1.50	0.03		1.00	22.00	47.00
			1075342	270.00	271.00	1.00	0.05		0.50	15.00	33.00
			1075343	271.00	272.00	1.00	0.06		0.50	24.00	878.00
			1075344	272.00	273.00	1.00	0.01		0.50	108.00	70.00
			1075345	273.00	274.50	1.50	0.02		0.50	37.00	94.00
			1075346	273.00	274.50	1.50	0.03		0.50	30.00	81.00
			1075347	274.50	276.00	1.50	0.02		0.50	15.00	37.00
			1075348	276.00	277.50	1.50	0.02		1.00	22.00	37.00
			1075349	277.50	279.00	1.50	0.04		1.00	80.00	193.00
			1075351	279.00	280.50	1.50	0.05		0.50	25.00	70.00
			1075352	280.50	282.00	1.50	0.04		0.50	111.00	376.00
			1075353	282.00	283.40	1.40	0.08		7.00	1038.00	961.00
			1075354	283.40	284.90	1.50	0.05		0.50	39.00	139.00

# DETAILED LOG

Hole Number: TL11178

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
284.90	323.47	MSS, Muscovite Sericite Schist MSS C-zone, strong sr alteration with weaker patches in some spots. Poorly mineralized with uncommon sph stringers and po/pent? blebs	1075355	284.90	286.00	1.10	0.09		0.50	64.00	165.00
			1075356	286.00	287.00	1.00	0.61		2.00	98.00	610.00
			1075357	287.00	288.00	1.00	0.08		2.00	37.00	60.00
			1075358	288.00	289.00	1.00	0.07		0.50	47.00	270.00
			1075359	289.00	290.00	1.00	0.05		0.50	43.00	522.00
			1075361	290.00	291.00	1.00	0.08		0.50	44.00	549.00
			1075362	291.00	292.00	1.00	0.04		2.00	52.00	139.00
			1075363	292.00	293.00	1.00	0.09		2.00	27.00	78.00
			1075364	293.00	294.00	1.00	0.17		1.00	20.00	85.00
			1075365	294.00	295.00	1.00	0.06		2.00	38.00	107.00
			1075366	294.00	295.00	1.00	0.06		2.00	41.00	109.00
			1075367	295.00	296.00	1.00	0.02		2.00	20.00	47.00
			1075368	296.00	297.00	1.00	0.16		2.00	17.00	46.00
			1075369	297.00	298.00	1.00	0.16		1.00	27.00	44.00
			1075371	298.00	299.00	1.00	0.22		2.00	116.00	251.00
			1075372	299.00	300.00	1.00	0.01		1.00	29.00	60.00
			1075373	300.00	301.00	1.00	0.02		2.00	36.00	55.00
			1075374	301.00	302.00	1.00	0.63		2.00	49.00	87.00
			1075375	302.00	303.00	1.00	0.38		2.00	22.00	31.00
			1075376	303.00	304.00	1.00	0.12		2.00	27.00	48.00
			1075377	304.00	305.00	1.00	0.13		2.00	25.00	67.00
			1075378	305.00	306.00	1.00	0.05		2.00	27.00	55.00
			1075379	306.00	307.00	1.00	0.22		2.00	40.00	41.00
			1075381	307.00	308.00	1.00	0.17		2.00	37.00	135.00
			1075382	308.00	309.00	1.00	0.05		2.00	46.00	472.00
			1075383	309.00	310.50	1.50	0.00		1.00	27.00	71.00
			1075384	310.50	312.00	1.50	0.00		1.00	16.00	57.00
			1075385	312.00	313.50	1.50	0.00		1.00	11.00	56.00
			1075386	312.00	315.50	3.50	0.00		1.00	12.00	63.00
			1075387	313.50	315.00	1.50	0.01		1.00	15.00	63.00
			1075388	315.00	316.50	1.50	0.01		1.00	10.00	69.00
			1075389	316.50	318.00	1.50	0.01		1.00	18.00	65.00
			1075391	318.00	319.00	1.00	0.03		2.00	21.00	56.00
			1075392	319.00	320.00	1.00	0.03		2.00	28.00	51.00
			1075393	320.00	321.00	1.00	0.07		2.00	21.00	53.00
1075394	321.00	322.00	1.00	0.78		4.00	41.00	481.00			
1075395	322.00	323.47	1.47	0.16		2.00	73.00	391.00			
323.47	339.00	BMS, Biotite Muscovite Schist BMS with weak sr alt, poorly mineralized	1075396	323.47	325.00	1.53	0.04		2.00	90.00	97.00

Hole Number: TL11178

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075238	103.50	105.00	0.1580		0.5000	80.0000	79.0000
1075239	105.00	106.58	0.2590		0.5000	241.0000	555.0000
1075241	106.58	107.58	0.1080		0.5000	478.0000	5961.0000
1075242	107.58	109.50	0.1460		1.0000	294.0000	1177.0000
1075243	139.35	140.35	0.0070		0.5000	36.0000	106.0000
1075244	140.35	141.35	0.0020		0.5000	11.0000	45.0000
1075245	155.03	156.50	0.0120		0.5000	14.0000	55.0000
1075247	156.50	157.50	0.0070		0.5000	14.0000	25.0000
1075248	157.50	158.50	0.0150		0.5000	12.0000	28.0000
1075249	158.50	159.50	0.0270		0.5000	33.0000	123.0000
1075251	159.50	161.00	0.0470		0.5000	47.0000	182.0000
1075252	161.00	162.50	0.0270		0.5000	21.0000	79.0000
1075253	162.50	163.50	0.0170		0.5000	19.0000	50.0000
1075254	163.50	164.65	0.0130		0.5000	27.0000	781.0000
1075255	164.65	166.00	0.0280		0.5000	36.0000	86.0000
1075256	166.00	167.00	0.0050		2.0000	37.0000	87.0000
1075257	167.00	168.00	0.0130		0.5000	35.0000	114.0000
1075258	168.00	169.00	0.3300		3.0000	51.0000	1612.0000
1075259	169.00	170.56	0.0230		0.5000	106.0000	211.0000
1075261	170.56	172.00	0.0460		0.5000	15.0000	69.0000
1075262	172.00	173.00	0.1980		1.0000	47.0000	87.0000
1075263	173.00	174.00	0.2450		0.5000	25.0000	118.0000
1075264	174.00	175.50	0.0340		0.5000	40.0000	79.0000
1075265	175.50	177.00	0.0100		0.5000	30.0000	68.0000
1075267	177.00	178.20	0.0210		0.5000	37.0000	96.0000
1075268	184.00	185.00	0.2600		4.0000	667.0000	761.0000
1075269	185.00	186.00	0.0330		0.5000	30.0000	161.0000
1075271	186.00	187.50	0.0190		0.5000	41.0000	141.0000
1075272	187.50	188.50	0.0110		0.5000	36.0000	26.0000
1075273	188.50	189.37	0.0160		0.5000	26.0000	58.0000
1075274	189.37	189.68	0.2060		1.0000	28.0000	154.0000
1075275	189.68	191.00	0.2470		1.0000	118.0000	402.0000
1075276	191.00	192.00	0.0870		0.5000	23.0000	75.0000
1075277	192.00	193.00	0.1810		1.0000	75.0000	438.0000
1075278	193.00	194.00	0.3640		0.5000	60.0000	223.0000
1075279	194.00	195.00	0.0550		0.5000	19.0000	46.0000
1075281	195.00	196.50	0.0590		0.5000	26.0000	110.0000
1075282	196.50	198.00	0.0670		0.5000	24.0000	60.0000
1075283	198.00	199.50	0.1160		0.5000	120.0000	231.0000



Hole Number: TL11178

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075284	199.50	201.00	0.1890		2.0000	79.0000	115.0000
1075285	201.00	202.00	0.0310		0.5000	43.0000	154.0000
1075287	202.00	203.00	0.0160		0.5000	17.0000	27.0000
1075288	203.00	204.00	0.0220		0.5000	26.0000	33.0000
1075289	204.00	205.27	0.0240		0.5000	35.0000	39.0000
1075291	205.27	205.77	11.2800		17.0000	11528.0000	22996.0000
1075292	205.77	206.77	0.3230	0.6200	0.5000	528.0000	2329.0000
1075293	206.77	207.77	1.8380	1.8130	6.0000	4909.0000	11903.0000
1075294	207.77	209.10	1.7870	1.4340	3.0000	2276.0000	2704.0000
1075295	209.10	210.10	0.5570	0.3970	3.0000	1921.0000	2534.0000
1075296	210.10	210.60	2.3050	1.3230	10.0000	12553.0000	29775.0000
1075297	210.60	211.60	0.4970		1.0000	692.0000	1254.0000
1075298	211.60	212.60	0.6430		2.0000	1570.0000	3569.0000
1075299	212.60	213.75	0.6560		0.5000	181.0000	303.0000
1075301	213.75	214.75	0.3330		0.5000	197.0000	507.0000
1075302	214.75	215.75	0.3430		11.0000	599.0000	1075.0000
1075303	215.75	216.75	0.1380		1.0000	782.0000	928.0000
1075304	216.75	217.75	0.6110		4.0000	1470.0000	3200.0000
1075305	217.75	218.75	0.4800		4.0000	941.0000	1981.0000
1075307	218.75	219.25	9.9050		14.0000	1095.0000	2521.0000
1075308	219.25	220.25	0.3460	0.1850	0.5000	116.0000	216.0000
1075309	220.25	221.25	2.6710	2.3980	2.0000	213.0000	426.0000
1075311	221.25	222.33	0.3980		1.0000	131.0000	349.0000
1075312	222.33	223.33	0.4130		2.0000	826.0000	1680.0000
1075313	223.33	224.33	0.2900		2.0000	833.0000	1610.0000
1075314	224.33	225.33	0.3810		4.0000	1044.0000	3383.0000
1075315	225.33	226.33	0.4700		11.0000	4679.0000	6780.0000
1075316	226.33	227.33	0.7080		14.0000	4171.0000	4930.0000
1075317	227.33	228.33	0.8310		3.0000	402.0000	688.0000
1075318	228.33	229.33	0.7080		2.0000	271.0000	244.0000
1075319	229.33	230.33	0.4020		3.0000	268.0000	258.0000
1075321	230.33	231.50	0.0870		1.0000	149.0000	432.0000
1075322	231.50	232.50	0.2500		0.5000	176.0000	652.0000
1075323	232.50	234.00	0.0880		0.5000	60.0000	118.0000
1075324	234.00	235.50	0.0950		0.5000	150.0000	114.0000
1075325	235.50	237.00	0.1360		0.5000	86.0000	318.0000
1075327	237.00	238.50	1.7050		1.0000	69.0000	354.0000
1075328	238.50	240.00	0.1500		0.5000	60.0000	162.0000
1075329	240.00	241.67	0.0620		2.0000	117.0000	130.0000

Hole Number: TL11178

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075331	241.67	242.67	0.1340		2.0000	147.0000	242.0000
1075332	242.67	243.67	0.9150		4.0000	651.0000	1299.0000
1075333	243.67	244.67	0.0650		0.5000	85.0000	182.0000
1075334	244.67	245.67	0.9910		2.0000	306.0000	500.0000
1075335	245.67	246.67	0.3090		6.0000	2229.0000	3256.0000
1075336	246.67	247.87	0.0730		3.0000	413.0000	430.0000
1075337	247.87	249.33	0.0330		0.5000	101.0000	89.0000
1075338	249.33	250.83	0.0800		2.0000	88.0000	209.0000
1075339	267.00	268.50	0.0420		2.0000	60.0000	400.0000
1075341	268.50	270.00	0.0260		1.0000	22.0000	47.0000
1075342	270.00	271.00	0.0520		0.5000	15.0000	33.0000
1075343	271.00	272.00	0.0570		0.5000	24.0000	878.0000
1075344	272.00	273.00	0.0110		0.5000	108.0000	70.0000
1075345	273.00	274.50	0.0150		0.5000	37.0000	94.0000
1075347	274.50	276.00	0.0160		0.5000	15.0000	37.0000
1075348	276.00	277.50	0.0180		1.0000	22.0000	37.0000
1075349	277.50	279.00	0.0370		1.0000	80.0000	193.0000
1075351	279.00	280.50	0.0450		0.5000	25.0000	70.0000
1075352	280.50	282.00	0.0390		0.5000	111.0000	376.0000
1075353	282.00	283.40	0.0750		7.0000	1038.0000	961.0000
1075354	283.40	284.90	0.0540		0.5000	39.0000	139.0000
1075355	284.90	286.00	0.0890		0.5000	64.0000	165.0000
1075356	286.00	287.00	0.6120		2.0000	98.0000	610.0000
1075357	287.00	288.00	0.0790		2.0000	37.0000	60.0000
1075358	288.00	289.00	0.0670		0.5000	47.0000	270.0000
1075359	289.00	290.00	0.0500		0.5000	43.0000	522.0000
1075361	290.00	291.00	0.0760		0.5000	44.0000	549.0000
1075362	291.00	292.00	0.0380		2.0000	52.0000	139.0000
1075363	292.00	293.00	0.0890		2.0000	27.0000	78.0000
1075364	293.00	294.00	0.1710		1.0000	20.0000	85.0000
1075365	294.00	295.00	0.0570		2.0000	38.0000	107.0000
1075367	295.00	296.00	0.0160		2.0000	20.0000	47.0000
1075368	296.00	297.00	0.1550		2.0000	17.0000	46.0000
1075369	297.00	298.00	0.1560		1.0000	27.0000	44.0000
1075371	298.00	299.00	0.2220		2.0000	116.0000	251.0000
1075372	299.00	300.00	0.0100		1.0000	29.0000	60.0000
1075373	300.00	301.00	0.0200		2.0000	36.0000	55.0000
1075374	301.00	302.00	0.6260		2.0000	49.0000	87.0000
1075375	302.00	303.00	0.3760		2.0000	22.0000	31.0000

Hole Number: TL11178

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075376	303.00	304.00	0.1160		2.0000	27.0000	48.0000
1075377	304.00	305.00	0.1280		2.0000	25.0000	67.0000
1075378	305.00	306.00	0.0530		2.0000	27.0000	55.0000
1075379	306.00	307.00	0.2220		2.0000	40.0000	41.0000
1075381	307.00	308.00	0.1670		2.0000	37.0000	135.0000
1075382	308.00	309.00	0.0500		2.0000	46.0000	472.0000
1075383	309.00	310.50	0.0040		1.0000	27.0000	71.0000
1075384	310.50	312.00	0.0040		1.0000	16.0000	57.0000
1075385	312.00	313.50	0.0020		1.0000	11.0000	56.0000
1075387	313.50	315.00	0.0050		1.0000	15.0000	63.0000
1075388	315.00	316.50	0.0050		1.0000	10.0000	69.0000
1075389	316.50	318.00	0.0100		1.0000	18.0000	65.0000
1075391	318.00	319.00	0.0280		2.0000	21.0000	56.0000
1075392	319.00	320.00	0.0280		2.0000	28.0000	51.0000
1075393	320.00	321.00	0.0740		2.0000	21.0000	53.0000
1075394	321.00	322.00	0.7780		4.0000	41.0000	481.0000
1075395	322.00	323.47	0.1550		2.0000	73.0000	391.0000
1075396	323.47	325.00	0.0400		2.0000	90.0000	97.0000
Sample Type	CDUP						
1075246	155.03	156.50	0.0080		0.5000	11.0000	36.0000
1075266	175.50	177.00	0.0130		0.5000	42.0000	62.0000
1075286	201.00	202.00	0.0470		0.5000	39.0000	288.0000
1075306	217.75	218.75	0.5410		5.0000	1076.0000	1673.0000
1075326	235.50	237.00	0.1630		0.5000	91.0000	382.0000
1075346	273.00	274.50	0.0310		0.5000	30.0000	81.0000
1075366	294.00	295.00	0.0560		2.0000	41.0000	109.0000
1075386	312.00	315.50	0.0030		1.0000	12.0000	63.0000

# DETAILED LOG

Hole Number: TL11179

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -50.00
Project Number: TMI-TL	North: 5511897.89	North:	Collar Az: 355.00
Location: Zealand Township	East: 528325.79	East:	Length: 303.00
	Elev: 394.76	Elev:	Start Depth: 0.00
Date Started: Jun 12, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jun 13, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 303.00

Comments: Main zone from 189.71-212.55m, C-zone at 259.54-280.57. Main zone is very strongly ser, best samples at 189.71-192.3 (2%py, 2%sph, 1%gln) and 201.1-204.15 (1-2%py, 1%sph, trace gln-cpy-ank).C-zone is very strongly ser and mod sil, best samples at 270.08-270.58 (10%py, 2%sph, trace cpy-gln) and 270.58-280.57 (5%py, 3%sph, trace cpy-gln).

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	350.00	-51.00	EZ Sho	OK		27.00	350.90	-50.80	EZ Sho	OK	
57.00	351.00	-50.50	EZ Sho	OK		108.00	351.10	-48.00	EZ Sho	OK	
153.00	352.60	-46.60	EZ Sho	OK		201.00	353.80	-44.90	EZ Sho	OK	
252.00	352.00	-44.00	EZ Sho	OK		296.00	352.60	-42.50	EZ Sho	OK	
303.00	352.70	-42.10	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	12.60	OB, Overburden									
12.60	104.49	BMS, Biotite Muscovite Schist Hangingwall BMS zone, very wkly sericitized, trace-3% diss py	1005328	101.49	102.99	1.50	0.01		2.00	14.00	73.00
			1005329	102.99	104.49	1.50	0.01		2.00	16.00	56.00
104.49	113.29	MSS, Muscovite Sericite Schist Hangingwall MSS zone, very strongly sericitized, trace diss py.	1005331	104.49	105.49	1.00	0.01		2.00	13.00	39.00
			1005332	105.49	106.49	1.00	0.01		2.00	13.00	46.00
			1005333	106.49	107.49	1.00	0.01		2.00	14.00	28.00
			1005334	107.49	108.49	1.00	0.01		1.00	14.00	14.00
			1005335	108.49	109.49	1.00	0.02		2.00	13.00	19.00
			1005336	109.49	110.49	1.00	0.01		2.00	17.00	26.00
			1005337	110.49	111.79	1.30	0.01		0.50	16.00	35.00
			1005338	111.79	113.29	1.50	0.01		2.00	15.00	37.00
113.29	144.32	BMS, Biotite Muscovite Schist Hangingwall BMS, very wkly sericitized, with strong ser/mineralized patch at 141.29-141.6m (10%py, 3%sph).	1005339	113.29	114.79	1.50	0.01		2.00	10.00	48.00
			1005341	114.79	116.29	1.50	0.01		1.00	17.00	68.00
			1005342	139.79	141.29	1.50	0.16		7.00	93.00	170.00
			1005343	141.29	141.60	0.31	3.15		35.00	1460.00	10418.00
			1005344	141.60	142.96	1.36	0.34		6.00	38.00	187.00
			1005345	142.96	144.32	1.36	0.15		6.00	35.00	86.00
			1005346	142.96	144.32	1.36	0.31		7.00	32.00	93.00

## DETAILED LOG

Hole Number: TL11179

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
144.32	154.07	MSS, Muscovite Sericite Schist Hangingwall MSS zone, very strongly sericitized and weakly silicified. With 1-2% diss py.	1005347	144.32	145.57	1.25	0.12		8.00	46.00	81.00
			1005348	145.57	146.57	1.00	0.02		2.00	23.00	22.00
			1005349	146.57	147.57	1.00	0.01		2.00	23.00	24.00
			1005351	147.57	148.57	1.00	0.01		2.00	24.00	84.00
			1005352	148.57	149.57	1.00	0.01		3.00	31.00	286.00
			1005353	149.57	150.30	0.73	0.02		2.00	35.00	135.00
			1005354	150.30	151.07	0.77	0.01		3.00	17.00	65.00
			1005355	151.07	151.85	0.78	0.01		3.00	23.00	23.00
			1005356	151.85	152.63	0.78	0.12		3.00	29.00	105.00
			1005357	152.63	154.07	1.44	0.04		2.00	52.00	33.00
154.07	189.71	BMS, Biotite Muscovite Schist Hangingwall BMS zone, very weakly ser to 165.7, then mod ser. With 1-2% diss py local trace-1% sph stringers and trace gln	1005358	154.07	155.57	1.50	0.05		2.00	18.00	51.00
			1005359	155.57	157.07	1.50	0.04		2.00	24.00	109.00
			1005361	157.07	158.57	1.50	0.02		2.00	22.00	50.00
			1005362	158.57	160.07	1.50	0.01		1.00	20.00	51.00
			1005363	160.07	161.70	1.63	0.02		2.00	16.00	50.00
			1005364	161.70	163.20	1.50	0.01		3.00	21.00	55.00
			1005365	163.20	164.70	1.50	0.03		3.00	20.00	357.00
			1005366	163.20	164.70	1.50	0.03		3.00	22.00	462.00
			1005367	164.70	165.70	1.00	0.02		2.00	29.00	78.00
			1005368	165.70	167.08	1.38	0.02		3.00	38.00	72.00
			1005369	167.08	168.37	1.29	0.06		5.00	168.00	185.00
			1005371	168.37	169.56	1.19	0.05		5.00	51.00	55.00
			1005372	169.56	171.10	1.54	0.04		15.00	139.00	75.00
			1005373	171.10	172.64	1.54	0.02		3.00	29.00	51.00
			1005374	172.64	173.31	0.67	0.08		8.00	59.00	207.00
			1005375	173.31	174.93	1.62	0.05		5.00	67.00	153.00
			1005376	174.93	176.55	1.62	0.07		16.00	196.00	190.00
			1005377	176.55	177.24	0.69	0.16		15.00	170.00	1337.00
			1005378	177.24	178.74	1.50	0.02		6.00	38.00	53.00
			1005379	178.74	180.24	1.50	0.04		3.00	17.00	51.00
			1005381	180.24	181.82	1.58	0.05		6.00	65.00	195.00
			1005382	181.82	183.40	1.58	0.03		4.00	31.00	62.00
			1005383	183.40	184.90	1.50	0.02		4.00	38.00	137.00
			1005384	184.90	186.00	1.10	0.03		4.00	41.00	60.00
			1005385	186.00	187.50	1.50	0.04		5.00	30.00	145.00
			1005386	186.00	187.50	1.50	0.02		6.00	30.00	157.00
			1005387	187.50	189.00	1.50	0.33		34.00	291.00	465.00
			1005388	189.00	189.71	0.71	1.23		93.00	1042.00	1536.00

## DETAILED LOG

Hole Number: TL11179

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
189.71	212.55	MSS, Muscovite Sericite Schist	1005389	189.71	190.22	0.51	38.29	32.17	640.00	2487.00	5743.00
		MSS Main zone, very strongly ser. 189.71-192.3: 2%py, 2%sph, 1%gln.	1005391	190.22	191.53	1.31	1.03		59.00	465.00	800.00
		201.1-204.15: 1-2%py, 1%sph, trace gln-cpy-ank.	1005392	191.53	192.53	1.00	2.86		56.00	1969.00	732.00
			1005393	192.53	193.57	1.04	0.09		5.00	77.00	126.00
			1005394	193.57	194.57	1.00	0.09		3.00	40.00	29.00
			1005395	194.57	195.57	1.00	0.11		3.00	24.00	49.00
			1005396	195.57	196.57	1.00	0.08		4.00	32.00	23.00
			1005397	196.57	197.29	0.72	0.02		2.00	40.00	310.00
			1005398	197.29	198.00	0.71	0.02		3.00	61.00	29.00
			1005399	198.00	198.73	0.73	0.06		6.00	108.00	70.00
			1005401	198.73	199.73	1.00	0.05		2.00	54.00	19.00
			1005402	199.73	200.73	1.00	0.05		3.00	33.00	25.00
			1005403	200.73	201.40	0.67	1.14		33.00	562.00	2102.00
			1005404	201.40	202.59	1.19	0.05		2.00	79.00	273.00
			1005405	202.59	203.78	1.19	0.18		10.00	250.00	286.00
			1005406	202.59	203.78	1.19	0.21		9.00	220.00	321.00
			1005407	203.78	204.13	0.35	4.12		54.00	6108.00	12722.00
			1005408	204.13	205.17	1.04	0.26		11.00	99.00	179.00
			1005409	205.17	206.21	1.04	0.14		14.00	115.00	192.00
			1005411	206.21	207.25	1.04	0.03		4.00	49.00	143.00
			1005412	207.25	208.60	1.35	0.02		4.00	39.00	55.00
			1005413	208.60	209.02	0.42	0.02		4.00	61.00	280.00
			1005414	209.02	209.75	0.73	0.02		8.00	50.00	60.00
			1005415	209.75	210.65	0.90	0.06		6.00	74.00	77.00
			1005416	210.65	211.55	0.90	0.75		29.00	111.00	73.00
			1005417	211.55	212.55	1.00	0.13		7.00	44.00	44.00
212.55	259.54	BMS, Biotite Muscovite Schist	1005418	212.55	214.05	1.50	0.03		6.00	20.00	86.00
		BMS zone, moderately ser to 241.55, then weakly ser. With 1-2% py and trace po.	1005419	214.05	215.55	1.50	0.01		4.00	14.00	246.00
			1005421	256.54	258.04	1.50	0.06		4.00	41.00	89.00
			1005422	258.04	259.54	1.50	0.08		4.00	110.00	283.00

# DETAILED LOG

Hole Number: TL11179

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
259.54	280.57	MSS, Muscovite Sericite Schist C-zone, very strongly ser and mod sil. 270.08-270.58: 10%py, 2%sph, trace cpy-gln. 270.58-280.57: 5%py, 3%sph, trace cpy-gln.	1005423	259.54	260.54	1.00	0.16		16.00	77.00	212.00
			1005424	260.54	261.54	1.00	0.46		52.00	89.00	136.00
			1005425	261.54	262.54	1.00	0.09		6.00	52.00	207.00
			1005426	261.54	262.54	1.00	0.10		5.00	47.00	109.00
			1005427	262.54	263.54	1.00	0.18		5.00	76.00	183.00
			1005428	263.54	264.54	1.00	0.28		5.00	48.00	50.00
			1005429	264.54	265.71	1.17	0.26		6.00	52.00	77.00
			1005431	265.71	266.71	1.00	0.83		16.00	89.00	422.00
			1005432	266.71	267.71	1.00	0.43		6.00	80.00	107.00
			1005433	267.71	268.71	1.00	0.19		3.00	59.00	813.00
			1005434	268.71	269.63	0.92	0.04		2.00	84.00	83.00
			1005435	269.63	270.08	0.45	0.07		2.00	65.00	36.00
			1005436	270.08	270.58	0.50	0.82		34.00	749.00	10700.00
			1005437	270.58	271.58	1.00	0.13		3.00	85.00	122.00
			1005438	271.58	272.29	0.71	0.47		28.00	1186.00	6863.00
			1005439	272.29	273.00	0.71	0.60		10.00	233.00	2150.00
			1005441	273.00	274.00	1.00	0.44		13.00	211.00	855.00
			1005442	274.00	275.00	1.00	0.10		4.00	83.00	452.00
			1005443	275.00	276.00	1.00	0.09		4.00	73.00	181.00
			1005444	276.00	277.00	1.00	0.21		5.00	89.00	252.00
1005445	277.00	278.00	1.00	0.17		4.00	78.00	66.00			
1005446	277.00	278.00	1.00	0.14		5.00	78.00	105.00			
1005447	278.00	279.00	1.00	0.25		5.00	32.00	71.00			
1005448	279.00	279.88	0.88	0.76		5.00	73.00	172.00			
1005449	279.88	280.57	0.69	0.39		23.00	560.00	2877.00			
280.57	303.00	BMS, Biotite Muscovite Schist Footwall BMS, moderately ser to 288m then very weakly sericitized. 2-3% diss py with trace spha nd po. EOH@303m.	1005451	280.57	282.07	1.50	0.02		3.00	33.00	86.00
			1005452	282.07	283.57	1.50	0.09		2.00	25.00	489.00
			1005453	283.57	285.07	1.50	0.10		3.00	30.00	80.00
			1005454	285.07	286.57	1.50	0.14		3.00	44.00	235.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005328	101.49	102.99	0.0090		2.0000	14.0000	73.0000
1005329	102.99	104.49	0.0120		2.0000	16.0000	56.0000
1005331	104.49	105.49	0.0080		2.0000	13.0000	39.0000
1005332	105.49	106.49	0.0120		2.0000	13.0000	46.0000
1005333	106.49	107.49	0.0140		2.0000	14.0000	28.0000
1005334	107.49	108.49	0.0120		1.0000	14.0000	14.0000
1005335	108.49	109.49	0.0230		2.0000	13.0000	19.0000
1005336	109.49	110.49	0.0120		2.0000	17.0000	26.0000
1005337	110.49	111.79	0.0090		0.5000	16.0000	35.0000

Hole Number: TL11179

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005338	111.79	113.29	0.0140		2.0000	15.0000	37.0000
1005339	113.29	114.79	0.0080		2.0000	10.0000	48.0000
1005341	114.79	116.29	0.0130		1.0000	17.0000	68.0000
1005342	139.79	141.29	0.1580		7.0000	93.0000	170.0000
1005343	141.29	141.60	3.1520		35.0000	1460.0000	10418.0000
1005344	141.60	142.96	0.3360		6.0000	38.0000	187.0000
1005345	142.96	144.32	0.1520		6.0000	35.0000	86.0000
1005347	144.32	145.57	0.1200		8.0000	46.0000	81.0000
1005348	145.57	146.57	0.0170		2.0000	23.0000	22.0000
1005349	146.57	147.57	0.0130		2.0000	23.0000	24.0000
1005351	147.57	148.57	0.0110		2.0000	24.0000	84.0000
1005352	148.57	149.57	0.0090		3.0000	31.0000	286.0000
1005353	149.57	150.30	0.0220		2.0000	35.0000	135.0000
1005354	150.30	151.07	0.0100		3.0000	17.0000	65.0000
1005355	151.07	151.85	0.0080		3.0000	23.0000	23.0000
1005356	151.85	152.63	0.1230		3.0000	29.0000	105.0000
1005357	152.63	154.07	0.0400		2.0000	52.0000	33.0000
1005358	154.07	155.57	0.0490		2.0000	18.0000	51.0000
1005359	155.57	157.07	0.0420		2.0000	24.0000	109.0000
1005361	157.07	158.57	0.0170		2.0000	22.0000	50.0000
1005362	158.57	160.07	0.0140		1.0000	20.0000	51.0000
1005363	160.07	161.70	0.0200		2.0000	16.0000	50.0000
1005364	161.70	163.20	0.0130		3.0000	21.0000	55.0000
1005365	163.20	164.70	0.0300		3.0000	20.0000	357.0000
1005367	164.70	165.70	0.0170		2.0000	29.0000	78.0000
1005368	165.70	167.08	0.0220		3.0000	38.0000	72.0000
1005369	167.08	168.37	0.0590		5.0000	168.0000	185.0000
1005371	168.37	169.56	0.0460		5.0000	51.0000	55.0000
1005372	169.56	171.10	0.0440		15.0000	139.0000	75.0000
1005373	171.10	172.64	0.0190		3.0000	29.0000	51.0000
1005374	172.64	173.31	0.0790		8.0000	59.0000	207.0000
1005375	173.31	174.93	0.0480		5.0000	67.0000	153.0000
1005376	174.93	176.55	0.0710		16.0000	196.0000	190.0000
1005377	176.55	177.24	0.1630		15.0000	170.0000	1337.0000
1005378	177.24	178.74	0.0180		6.0000	38.0000	53.0000
1005379	178.74	180.24	0.0420		3.0000	17.0000	51.0000
1005381	180.24	181.82	0.0460		6.0000	65.0000	195.0000
1005382	181.82	183.40	0.0340		4.0000	31.0000	62.0000
1005383	183.40	184.90	0.0160		4.0000	38.0000	137.0000



Hole Number: TL11179

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005384	184.90	186.00	0.0300		4.0000	41.0000	60.0000
1005385	186.00	187.50	0.0430		5.0000	30.0000	145.0000
1005387	187.50	189.00	0.3340		34.0000	291.0000	465.0000
1005388	189.00	189.71	1.2270		93.0000	1042.0000	1536.0000
1005389	189.71	190.22	38.2930	32.1720	640.0000	2487.0000	5743.0000
1005391	190.22	191.53	1.0320		59.0000	465.0000	800.0000
1005392	191.53	192.53	2.8620		56.0000	1969.0000	732.0000
1005393	192.53	193.57	0.0880		5.0000	77.0000	126.0000
1005394	193.57	194.57	0.0860		3.0000	40.0000	29.0000
1005395	194.57	195.57	0.1060		3.0000	24.0000	49.0000
1005396	195.57	196.57	0.0840		4.0000	32.0000	23.0000
1005397	196.57	197.29	0.0190		2.0000	40.0000	310.0000
1005398	197.29	198.00	0.0170		3.0000	61.0000	29.0000
1005399	198.00	198.73	0.0550		6.0000	108.0000	70.0000
1005401	198.73	199.73	0.0540		2.0000	54.0000	19.0000
1005402	199.73	200.73	0.0500		3.0000	33.0000	25.0000
1005403	200.73	201.40	1.1430		33.0000	562.0000	2102.0000
1005404	201.40	202.59	0.0480		2.0000	79.0000	273.0000
1005405	202.59	203.78	0.1750		10.0000	250.0000	286.0000
1005407	203.78	204.13	4.1230		54.0000	6108.0000	12722.0000
1005408	204.13	205.17	0.2630		11.0000	99.0000	179.0000
1005409	205.17	206.21	0.1350		14.0000	115.0000	192.0000
1005411	206.21	207.25	0.0330		4.0000	49.0000	143.0000
1005412	207.25	208.60	0.0180		4.0000	39.0000	55.0000
1005413	208.60	209.02	0.0180		4.0000	61.0000	280.0000
1005414	209.02	209.75	0.0200		8.0000	50.0000	60.0000
1005415	209.75	210.65	0.0600		6.0000	74.0000	77.0000
1005416	210.65	211.55	0.7490		29.0000	111.0000	73.0000
1005417	211.55	212.55	0.1310		7.0000	44.0000	44.0000
1005418	212.55	214.05	0.0300		6.0000	20.0000	86.0000
1005419	214.05	215.55	0.0130		4.0000	14.0000	246.0000
1005421	256.54	258.04	0.0550		4.0000	41.0000	89.0000
1005422	258.04	259.54	0.0810		4.0000	110.0000	283.0000
1005423	259.54	260.54	0.1570		16.0000	77.0000	212.0000
1005424	260.54	261.54	0.4630		52.0000	89.0000	136.0000
1005425	261.54	262.54	0.0910		6.0000	52.0000	207.0000
1005427	262.54	263.54	0.1830		5.0000	76.0000	183.0000
1005428	263.54	264.54	0.2790		5.0000	48.0000	50.0000
1005429	264.54	265.71	0.2570		6.0000	52.0000	77.0000

Hole Number: TL11179

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005431	265.71	266.71	0.8250		16.0000	89.0000	422.0000
1005432	266.71	267.71	0.4320		6.0000	80.0000	107.0000
1005433	267.71	268.71	0.1920		3.0000	59.0000	813.0000
1005434	268.71	269.63	0.0420		2.0000	84.0000	83.0000
1005435	269.63	270.08	0.0650		2.0000	65.0000	36.0000
1005436	270.08	270.58	0.8150		34.0000	749.0000	10700.0000
1005437	270.58	271.58	0.1340		3.0000	85.0000	122.0000
1005438	271.58	272.29	0.4730		28.0000	1186.0000	6863.0000
1005439	272.29	273.00	0.5970		10.0000	233.0000	2150.0000
1005441	273.00	274.00	0.4380		13.0000	211.0000	855.0000
1005442	274.00	275.00	0.0990		4.0000	83.0000	452.0000
1005443	275.00	276.00	0.0900		4.0000	73.0000	181.0000
1005444	276.00	277.00	0.2050		5.0000	89.0000	252.0000
1005445	277.00	278.00	0.1700		4.0000	78.0000	66.0000
1005447	278.00	279.00	0.2480		5.0000	32.0000	71.0000
1005448	279.00	279.88	0.7600		5.0000	73.0000	172.0000
1005449	279.88	280.57	0.3910		23.0000	560.0000	2877.0000
1005451	280.57	282.07	0.0230		3.0000	33.0000	86.0000
1005452	282.07	283.57	0.0880		2.0000	25.0000	489.0000
1005453	283.57	285.07	0.1010		3.0000	30.0000	80.0000
1005454	285.07	286.57	0.1370		3.0000	44.0000	235.0000
Sample Type	CDUP						
1005346	142.96	144.32	0.3060		7.0000	32.0000	93.0000
1005366	163.20	164.70	0.0260		3.0000	22.0000	462.0000
1005386	186.00	187.50	0.0240		6.0000	30.0000	157.0000
1005406	202.59	203.78	0.2050		9.0000	220.0000	321.0000
1005426	261.54	262.54	0.0970		5.0000	47.0000	109.0000
1005446	277.00	278.00	0.1420		5.0000	78.0000	105.0000

# DETAILED LOG

Hole Number: TL11180

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -87.00
Project Number: TMI-TL	North: 5511788.11	North:	Collar Az: 345.00
Location: Zealand Township	East: 528196.73	East:	Length: 756.00
	Elev: 393.64	Elev:	Start Depth: 0.00
Date Started: May 25, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jun 03, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 756.00

Comments: Main zone is 588.88-634.82m, C-zone from 688.2-706.48m. Main zone is strong to v. strong ser, 1-3% pyrite and local sph. Best sample from 592.5-593m: 15%py, 3%sph, 1%cpy, trace gln and 30x 0.5-2mm visble gold blebs. C-zone is very strongly sericitized with 2-3%py, 2%sph, 1% po, trace cpy-gln from 698.05-699.8m.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	349.00	-87.00	EZ Sho	OK	Retesting	24.00	349.40	-86.30	EZ Sho	OK	Retesting
54.00	349.10	-86.50	EZ Sho	OK		100.00	351.50	-86.20	EZ Sho	OK	Retesting
138.00	352.20	-86.30	EZ Sho	OK		162.00	349.90	-86.30	EZ Sho	OK	
210.00	349.10	-86.10	EZ Sho	OK		261.00	348.80	-85.70	EZ Sho	OK	
300.00	347.00	-85.50	EZ Sho	OK		351.00	352.20	-84.70	EZ Sho	OK	
372.00	351.30	-84.00	EZ Sho	OK		381.00	350.30	-83.70	EZ Sho	OK	
393.00	350.05	-83.50	EZ Sho	OK		422.00	353.50	-83.00	EZ Sho	OK	Step bit done
450.00	355.00	-81.90	EZ Sho	OK		507.00	356.30	-79.80	EZ Sho	OK	Mag could be 5844?
549.00	357.20	-79.10	EZ Sho	OK		651.00	356.90	-75.00	EZ Sho	OK	
702.00	358.20	-74.20	EZ Sho	OK		747.00	356.50	-72.40	EZ Sho	OK	

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	13.50	OB, Overburden									
13.50	511.84	BMS, Biotite Muscovite Schist	1005455	344.90	346.40	1.50	0.03		0.50	27.00	98.00
		Hangingwall BMS, very wkly ser to 485.51m (v. strong pervasive from 347.5-352.8m), then mod ser. Trace-2% diss py and local sph-po.	1005456	346.40	347.90	1.50	0.02		0.50	29.00	80.00
			1005457	347.90	349.20	1.30	0.08		3.00	43.00	131.00
			1005458	349.20	350.20	1.00	0.01		0.50	17.00	14.00
			1005459	350.20	351.50	1.30	0.01		0.50	17.00	122.00
			1005461	351.50	352.80	1.30	0.01		0.50	28.00	23.00
			1005462	352.80	354.30	1.50	0.01		0.50	33.00	45.00
			1005463	354.30	355.80	1.50	0.01		0.50	14.00	35.00
			1005464	510.34	511.84	1.50	0.02		0.50	32.00	56.00

Hole Number: TL11180

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
511.84	520.95	MSS, Muscovite Sericite Schist Hangingwall MSS zone, very strongly ser and moderately sil with trace diss py.	1005466	511.84	512.84	1.00	0.01		0.50	26.00	15.00
			1005465	511.84	512.84	1.00	0.01		0.50	27.00	21.00
			1005467	512.84	513.84	1.00	0.06		3.00	343.00	165.00
			1005468	513.84	514.84	1.00	0.01		0.50	18.00	18.00
			1005469	514.84	515.84	1.00	0.01		0.50	15.00	17.00
			1005471	515.84	516.84	1.00	0.01		0.50	16.00	21.00
			1005472	516.84	517.84	1.00	0.01		0.50	12.00	20.00
			1005473	517.84	518.84	1.00	0.01		0.50	15.00	21.00
			1005474	518.84	519.84	1.00	0.01		0.50	16.00	28.00
			1005475	519.84	520.95	1.11	0.01		0.50	20.00	18.00
520.95	549.53	BMS, Biotite Muscovite Schist Hangingwall BMS, very wk to weak ser but v. strong from 537.62-541.3. 2-3% diss py. From 537.62-538.62m, 10%py, 2%sph, 2%ank, tr cpy-gln.	1005476	520.95	522.45	1.50	0.02		0.50	26.00	139.00
			1005477	536.12	537.62	1.50	0.05		0.50	30.00	46.00
			1005478	537.62	538.62	1.00	3.55		10.00	1369.00	4262.00
			1005479	538.62	539.84	1.22	0.37		0.50	210.00	432.00
			1005481	539.84	541.30	1.46	0.16		0.50	204.00	622.00
			1005482	541.30	542.80	1.50	0.03		0.50	31.00	57.00
549.53	552.66	MD, Mafic Dyke Dark green massive mafic dyke.									
552.66	588.88	BMS, Biotite Muscovite Schist Hangingwall BMS, moderately ser with 1-2% diss py.	1005483	585.88	587.38	1.50	0.40		0.50	63.00	248.00
			1005484	587.38	588.88	1.50	0.46		0.50	65.00	323.00

DETAILED LOG

Hole Number: TL11180

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
588.88	634.82	MSS, Muscovite Sericite Schist	1005485	588.88	590.12	1.24	1.18		2.00	444.00	400.00
		MSS Main zone, strong to v. strong ser. 1-3% pyrite and local sph. Best sample from 592.5-593m: 15%py, 3%sph, 1%cpy, trace gln and 30x 0.5-2mm visble gold blebs.	1005486	588.88	590.12	1.24	0.56		1.00	288.00	386.00
			1005487	590.12	591.31	1.19	0.85		0.50	80.00	255.00
			1005488	591.31	592.50	1.19	1.25		0.50	170.00	389.00
			1005489	592.50	593.00	0.50	38.71	64.30	72.00	3810.00	16141.00
			1005491	593.00	594.00	1.00	0.78		3.00	112.00	216.00
			1005492	594.00	595.00	1.00	0.41		0.50	48.00	94.00
			1005493	595.00	596.00	1.00	0.23		0.50	52.00	55.00
			1005494	596.00	597.00	1.00	0.08		2.00	32.00	118.00
			1005495	597.00	598.00	1.00	0.02		0.50	38.00	64.00
			1005496	598.00	599.00	1.00	0.01		0.50	23.00	43.00
			1005497	599.00	600.00	1.00	0.03		2.00	20.00	105.00
			1005498	600.00	601.00	1.00	0.02		0.50	19.00	69.00
			1005499	601.00	602.00	1.00	0.02		0.50	19.00	46.00
			1005501	602.00	603.00	1.00	0.04		0.50	19.00	57.00
			1005502	603.00	604.00	1.00	0.01		0.50	12.00	38.00
			1005503	604.00	605.00	1.00	0.01		0.50	14.00	33.00
			1005504	605.00	606.00	1.00	0.01		0.50	10.00	38.00
			1005506	606.00	607.35	1.35	0.03		0.50	13.00	79.00
			1005505	606.00	607.35	1.35	0.06		0.50	14.00	92.00
			1005507	607.35	608.35	1.00	0.01		0.50	17.00	40.00
			1005508	608.35	609.35	1.00	0.02		0.50	26.00	47.00
			1005509	609.35	610.35	1.00	1.82		8.00	322.00	548.00
			1005511	610.35	611.35	1.00	2.26		13.00	64.00	96.00
			1005512	611.35	612.35	1.00	0.05		0.50	32.00	51.00
			1005513	612.35	613.35	1.00	1.48		3.00	81.00	269.00
			1005514	613.35	614.35	1.00	0.09		0.50	49.00	26.00
			1005515	614.35	615.35	1.00	0.20		2.00	52.00	49.00
			1005516	615.35	616.35	1.00	0.03		0.50	35.00	58.00
			1005517	616.35	617.23	0.88	0.10		7.00	43.00	42.00
			1005518	617.23	618.12	0.89	1.30		62.00	819.00	154.00
			1005519	618.12	619.01	0.89	0.44		18.00	67.00	62.00
			1005521	619.01	619.90	0.89	0.05		0.50	34.00	50.00
			1005522	619.90	620.85	0.95	0.08		5.00	53.00	221.00
			1005523	620.85	621.85	1.00	0.01		0.50	25.00	43.00
			1005524	621.85	622.85	1.00	0.01		0.50	20.00	16.00
			1005526	622.85	623.85	1.00	0.01		0.50	27.00	37.00
			1005525	622.85	623.85	1.00	0.01		0.50	24.00	40.00
			1005527	623.85	624.85	1.00	0.01		0.50	25.00	34.00
			1005528	624.85	625.85	1.00	0.01		0.50	21.00	43.00
			1005529	625.85	626.85	1.00	0.00		0.50	17.00	33.00
			1005531	626.85	627.85	1.00	0.01		0.50	18.00	37.00
			1005532	627.85	628.85	1.00	0.01		0.50	24.00	43.00

DETAILED LOG

Hole Number: TL11180

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1005533	628.85	629.85	1.00	0.01		0.50	19.00	34.00
			1005534	629.85	630.85	1.00	0.01		0.50	16.00	41.00
			1005535	630.85	631.85	1.00	0.01		0.50	20.00	35.00
			1005536	631.85	632.85	1.00	0.01		0.50	18.00	28.00
			1005537	632.85	633.85	1.00	0.02		0.50	19.00	30.00
			1005538	633.85	634.82	0.97	0.01		0.50	20.00	78.00
634.82	688.20	BMS, Biotite Muscovite Schist	1005539	634.82	636.32	1.50	0.04		0.50	23.00	71.00
		BMS zone, generally wkly ser and 1-2% py with trace sph. With local patches of strong and v. strong ser at 647.23-660.16 (3%py, 2%sph, trace gln) and 666-668.15m respectively.	1005541	636.32	637.82	1.50	0.03		0.50	27.00	70.00
			1005542	661.50	663.00	1.50	0.02		0.50	34.00	125.00
			1005543	663.00	664.50	1.50	0.02		0.50	62.00	119.00
			1005544	664.50	666.00	1.50	0.04		0.50	76.00	77.00
			1005545	666.00	667.07	1.07	0.06		0.50	135.00	349.00
			1005546	666.00	667.07	1.07	0.06		0.50	93.00	190.00
			1005547	667.07	668.15	1.08	0.23		3.00	823.00	2117.00
			1005548	668.15	669.65	1.50	0.07		0.50	55.00	100.00
			1005549	669.65	671.15	1.50	0.02		0.50	26.00	54.00
			1005551	671.15	672.57	1.42	0.02		0.50	47.00	62.00
			1005552	672.57	673.93	1.36	0.05		0.50	51.00	284.00
			1005553	673.93	674.73	0.80	0.16		2.00	117.00	165.00
			1005554	674.73	676.23	1.50	0.03		0.50	37.00	53.00
			1005555	676.23	677.73	1.50	0.05		0.50	26.00	70.00
			1005556	677.73	679.20	1.47	0.03		0.50	25.00	51.00
			1005557	679.20	680.70	1.50	0.02		0.50	29.00	52.00
			1005558	680.70	682.20	1.50	0.04		0.50	37.00	356.00
			1005559	682.20	683.70	1.50	0.02		0.50	33.00	75.00
			1005561	683.70	685.20	1.50	0.07		0.50	29.00	75.00
			1005562	685.20	686.70	1.50	0.09		0.50	22.00	61.00
			1005563	686.70	688.20	1.50	0.10		0.50	33.00	62.00

# DETAILED LOG

Hole Number: TL11180

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
688.20	706.48	MSS, Muscovite Sericite Schist MSS C-zone, very strongly sericitized. 2-3%py. 2%sph, 1% po, trace cpy-gln from 698.05-699.8	1005564	688.20	689.20	1.00	0.07		0.50	26.00	157.00
			1005565	689.20	690.20	1.00	0.08		0.50	23.00	118.00
			1005566	689.20	690.20	1.00	0.07		0.50	25.00	59.00
			1005567	690.20	691.20	1.00	0.14		0.50	24.00	104.00
			1005568	691.20	692.23	1.03	0.06		0.50	21.00	140.00
			1005569	692.23	693.23	1.00	0.03		0.50	31.00	51.00
			1005571	693.23	694.23	1.00	0.11		0.50	28.00	106.00
			1005572	694.23	695.23	1.00	0.05		0.50	30.00	33.00
			1005573	695.23	696.23	1.00	0.21		0.50	38.00	179.00
			1005574	696.23	697.23	1.00	0.49		0.50	45.00	80.00
			1005575	697.23	698.17	0.94	0.09		0.50	49.00	58.00
			1005576	698.17	699.20	1.03	1.58		13.00	1469.00	2720.00
			1005577	699.20	700.20	1.00	0.07		0.50	68.00	1405.00
			1005578	700.20	701.20	1.00	0.10		0.50	34.00	185.00
			1005579	701.20	702.20	1.00	0.08		0.50	34.00	116.00
			1005581	702.20	703.20	1.00	0.07		0.50	24.00	140.00
			1005582	703.20	704.20	1.00	0.02		0.50	20.00	57.00
1005583	704.20	705.20	1.00	0.04		0.50	89.00	1155.00			
1005584	705.20	706.48	1.28	0.03		0.50	38.00	137.00			
706.48	756.00	BMS, Biotite Muscovite Schist Typical BMS interval with a gradational upper contact with the MSS. 4-5% py and 1-2% asp blebs. F2 folds at 708.94 and 723.29m with orientations of 5 and 20 deg.	1005586	706.48	708.00	1.52	0.05		0.50	210.00	783.00
			1005585	706.48	708.00	1.52	0.05		0.50	277.00	535.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type ASSAY							
1005455	344.90	346.40	0.0310		0.5000	27.0000	98.0000
1005456	346.40	347.90	0.0240		0.5000	29.0000	80.0000
1005457	347.90	349.20	0.0790		3.0000	43.0000	131.0000
1005458	349.20	350.20	0.0050		0.5000	17.0000	14.0000
1005459	350.20	351.50	0.0100		0.5000	17.0000	122.0000
1005461	351.50	352.80	0.0060		0.5000	28.0000	23.0000
1005462	352.80	354.30	0.0100		0.5000	33.0000	45.0000
1005463	354.30	355.80	0.0100		0.5000	14.0000	35.0000
1005464	510.34	511.84	0.0150		0.5000	32.0000	56.0000
1005465	511.84	512.84	0.0060		0.5000	27.0000	21.0000
1005467	512.84	513.84	0.0570		3.0000	343.0000	165.0000
1005468	513.84	514.84	0.0070		0.5000	18.0000	18.0000
1005469	514.84	515.84	0.0070		0.5000	15.0000	17.0000
1005471	515.84	516.84	0.0060		0.5000	16.0000	21.0000
1005472	516.84	517.84	0.0080		0.5000	12.0000	20.0000

Hole Number: TL11180

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005473	517.84	518.84	0.0080		0.5000	15.0000	21.0000
1005474	518.84	519.84	0.0070		0.5000	16.0000	28.0000
1005475	519.84	520.95	0.0080		0.5000	20.0000	18.0000
1005476	520.95	522.45	0.0230		0.5000	26.0000	139.0000
1005477	536.12	537.62	0.0450		0.5000	30.0000	46.0000
1005478	537.62	538.62	3.5500		10.0000	1369.0000	4262.0000
1005479	538.62	539.84	0.3740		0.5000	210.0000	432.0000
1005481	539.84	541.30	0.1570		0.5000	204.0000	622.0000
1005482	541.30	542.80	0.0320		0.5000	31.0000	57.0000
1005483	585.88	587.38	0.3990		0.5000	63.0000	248.0000
1005484	587.38	588.88	0.4570		0.5000	65.0000	323.0000
1005485	588.88	590.12	1.1830		2.0000	444.0000	400.0000
1005487	590.12	591.31	0.8530		0.5000	80.0000	255.0000
1005488	591.31	592.50	1.2470		0.5000	170.0000	389.0000
1005489	592.50	593.00	38.7140	64.2980	72.0000	3810.0000	16141.0000
1005491	593.00	594.00	0.7840		3.0000	112.0000	216.0000
1005492	594.00	595.00	0.4140		0.5000	48.0000	94.0000
1005493	595.00	596.00	0.2280		0.5000	52.0000	55.0000
1005494	596.00	597.00	0.0800		2.0000	32.0000	118.0000
1005495	597.00	598.00	0.0180		0.5000	38.0000	64.0000
1005496	598.00	599.00	0.0090		0.5000	23.0000	43.0000
1005497	599.00	600.00	0.0270		2.0000	20.0000	105.0000
1005498	600.00	601.00	0.0240		0.5000	19.0000	69.0000
1005499	601.00	602.00	0.0160		0.5000	19.0000	46.0000
1005501	602.00	603.00	0.0360		0.5000	19.0000	57.0000
1005502	603.00	604.00	0.0100		0.5000	12.0000	38.0000
1005503	604.00	605.00	0.0140		0.5000	14.0000	33.0000
1005504	605.00	606.00	0.0130		0.5000	10.0000	38.0000
1005505	606.00	607.35	0.0630		0.5000	14.0000	92.0000
1005507	607.35	608.35	0.0130		0.5000	17.0000	40.0000
1005508	608.35	609.35	0.0180		0.5000	26.0000	47.0000
1005509	609.35	610.35	1.8240		8.0000	322.0000	548.0000
1005511	610.35	611.35	2.2630		13.0000	64.0000	96.0000
1005512	611.35	612.35	0.0460		0.5000	32.0000	51.0000
1005513	612.35	613.35	1.4800		3.0000	81.0000	269.0000
1005514	613.35	614.35	0.0870		0.5000	49.0000	26.0000
1005515	614.35	615.35	0.1990		2.0000	52.0000	49.0000
1005516	615.35	616.35	0.0340		0.5000	35.0000	58.0000
1005517	616.35	617.23	0.1040		7.0000	43.0000	42.0000



Hole Number: TL11180

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005518	617.23	618.12	1.2980		62.0000	819.0000	154.0000
1005519	618.12	619.01	0.4390		18.0000	67.0000	62.0000
1005521	619.01	619.90	0.0510		0.5000	34.0000	50.0000
1005522	619.90	620.85	0.0820		5.0000	53.0000	221.0000
1005523	620.85	621.85	0.0080		0.5000	25.0000	43.0000
1005524	621.85	622.85	0.0080		0.5000	20.0000	16.0000
1005525	622.85	623.85	0.0070		0.5000	24.0000	40.0000
1005527	623.85	624.85	0.0070		0.5000	25.0000	34.0000
1005528	624.85	625.85	0.0120		0.5000	21.0000	43.0000
1005529	625.85	626.85	0.0040		0.5000	17.0000	33.0000
1005531	626.85	627.85	0.0060		0.5000	18.0000	37.0000
1005532	627.85	628.85	0.0060		0.5000	24.0000	43.0000
1005533	628.85	629.85	0.0050		0.5000	19.0000	34.0000
1005534	629.85	630.85	0.0060		0.5000	16.0000	41.0000
1005535	630.85	631.85	0.0080		0.5000	20.0000	35.0000
1005536	631.85	632.85	0.0080		0.5000	18.0000	28.0000
1005537	632.85	633.85	0.0150		0.5000	19.0000	30.0000
1005538	633.85	634.82	0.0090		0.5000	20.0000	78.0000
1005539	634.82	636.32	0.0380		0.5000	23.0000	71.0000
1005541	636.32	637.82	0.0250		0.5000	27.0000	70.0000
1005542	661.50	663.00	0.0230		0.5000	34.0000	125.0000
1005543	663.00	664.50	0.0150		0.5000	62.0000	119.0000
1005544	664.50	666.00	0.0360		0.5000	76.0000	77.0000
1005545	666.00	667.07	0.0620		0.5000	135.0000	349.0000
1005547	667.07	668.15	0.2280		3.0000	823.0000	2117.0000
1005548	668.15	669.65	0.0660		0.5000	55.0000	100.0000
1005549	669.65	671.15	0.0220		0.5000	26.0000	54.0000
1005551	671.15	672.57	0.0160		0.5000	47.0000	62.0000
1005552	672.57	673.93	0.0520		0.5000	51.0000	284.0000
1005553	673.93	674.73	0.1550		2.0000	117.0000	165.0000
1005554	674.73	676.23	0.0310		0.5000	37.0000	53.0000
1005555	676.23	677.73	0.0450		0.5000	26.0000	70.0000
1005556	677.73	679.20	0.0280		0.5000	25.0000	51.0000
1005557	679.20	680.70	0.0190		0.5000	29.0000	52.0000
1005558	680.70	682.20	0.0410		0.5000	37.0000	356.0000
1005559	682.20	683.70	0.0230		0.5000	33.0000	75.0000
1005561	683.70	685.20	0.0730		0.5000	29.0000	75.0000
1005562	685.20	686.70	0.0940		0.5000	22.0000	61.0000
1005563	686.70	688.20	0.0960		0.5000	33.0000	62.0000

Hole Number: TL11180

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005564	688.20	689.20	0.0710		0.5000	26.0000	157.0000
1005565	689.20	690.20	0.0750		0.5000	23.0000	118.0000
1005567	690.20	691.20	0.1360		0.5000	24.0000	104.0000
1005568	691.20	692.23	0.0570		0.5000	21.0000	140.0000
1005569	692.23	693.23	0.0340		0.5000	31.0000	51.0000
1005571	693.23	694.23	0.1120		0.5000	28.0000	106.0000
1005572	694.23	695.23	0.0530		0.5000	30.0000	33.0000
1005573	695.23	696.23	0.2110		0.5000	38.0000	179.0000
1005574	696.23	697.23	0.4880		0.5000	45.0000	80.0000
1005575	697.23	698.17	0.0890		0.5000	49.0000	58.0000
1005576	698.17	699.20	1.5750		13.0000	1469.0000	2720.0000
1005577	699.20	700.20	0.0650		0.5000	68.0000	1405.0000
1005578	700.20	701.20	0.1020		0.5000	34.0000	185.0000
1005579	701.20	702.20	0.0770		0.5000	34.0000	116.0000
1005581	702.20	703.20	0.0730		0.5000	24.0000	140.0000
1005582	703.20	704.20	0.0210		0.5000	20.0000	57.0000
1005583	704.20	705.20	0.0410		0.5000	89.0000	1155.0000
1005584	705.20	706.48	0.0320		0.5000	38.0000	137.0000
1005585	706.48	708.00	0.0530		0.5000	277.0000	535.0000
Sample Type	CDUP						
1005466	511.84	512.84	0.0070		0.5000	26.0000	15.0000
1005486	588.88	590.12	0.5640		1.0000	288.0000	386.0000
1005506	606.00	607.35	0.0300		0.5000	13.0000	79.0000
1005526	622.85	623.85	0.0060		0.5000	27.0000	37.0000
1005546	666.00	667.07	0.0590		0.5000	93.0000	190.0000
1005566	689.20	690.20	0.0670		0.5000	25.0000	59.0000
1005586	706.48	708.00	0.0510		0.5000	210.0000	783.0000

# DETAILED LOG

Hole Number: TL11181

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -88.00
Project Number: TMI-TL	North: 5511838.16	North:	Collar Az: 336.00
Location: Zealand Township	East: 528076.55	East:	Length: 531.00
	Elev: 394.82	Elev:	Start Depth: 0.00
Date Started: May 25, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed:	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 531.00

Comments: Several small hangingwalls leading up to main zone, most poorly mineralized except for one just before main zone @ 254.43-293.54. Has strong sr alt with very weak patches, increased mineralized stringers in areas of strong sr.  
 Main zone from 367.52 - 427.97  
 Moderate to strong sr alt. increased sulfide min until 390m. Condensed area of stringers between 372.80-373. After 390, weak to moderate sr alt. until near contact but poorly mineralized.  
 C-zone from 481.25-518.54  
 Strong sr alt. near top contact and moderate through the rest. 1-2% sph stringers near top and bottom contacts. common po/pent? blebs within qz vein through zone.  
 RQD interval 480-483m not included due to block error. Data exceeds limits.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	336.00	-88.00	EZ Sho	OK		21.00	336.10	-87.20	EZ SHC	OK	
24.00	339.50	-87.10	EZ SHC	OK		27.00	340.80	-87.20	EZ SHC	OK	
33.00	339.80	-87.20	EZ SHC	OK		51.00	338.10	-87.00	EZ SHC	OK	
102.00	338.00	-85.60	EZ SHC	OK		141.00	336.40	-84.90	EZ SHC	OK	
162.00	331.70	-84.20	EZ SHC	OK		168.00	334.30	-84.00	EZ SHC	OK	STEP BIT
174.00	335.10	-83.80	EZ SHC	OK	STEP BIT	180.00	337.10	-83.50	EZ SHC	OK	STEP BIT
201.00	340.60	-83.50	EZ SHC	OK		252.00	341.10	-82.80	EZ SHC	OK	STEP BIT
262.00	341.20	-82.40	EZ SHC	OK	STEP BIT	288.00	342.30	-81.70	EZ SHC	OK	STEP BIT
303.00	343.70	-81.40	EZ SHC	OK		351.00	345.90	-80.60	EZ SHC	OK	
402.00	353.30	-78.90	EZ SHC	OK		450.00	351.70	-78.30	EZ SHC	OK	
453.00	352.70	-78.30	EZ SHC	OK		465.00	352.40	-77.90	EZ SHC	OK	
501.00	351.30	-77.10	EZ SHC	OK		531.00	351.70	-76.50	EZ SHC	OK	COMPLETED

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	14.10	OB, Overburden									
14.10	111.00	BMS, Biotite Muscovite Schist BMS zone with weak sr alt and moderate to strong silicification. Small interval from 70.5-74.23 which has strong sr and abundant larger qz eyes. Poorly Mineralized throughout unit	1075397	109.50	111.00	1.50	0.01		0.50	51.00	135.00

## DETAILED LOG

Hole Number: TL11181

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
111.00	122.51	MSS, Muscovite Sericite Schist MSS hangingwall zone with strong sr/si alteration, poorly mineralized, 3-4% py but only trace sph and gn within select qz veins	1075398	111.00	112.00	1.00	0.05		1.00	104.00	1522.00
			1075399	112.00	113.00	1.00	0.06		1.00	101.00	363.00
			1075401	113.00	114.00	1.00	0.04		0.50	80.00	245.00
			1075402	114.00	115.00	1.00	0.03		0.50	38.00	90.00
			1075403	115.00	116.00	1.00	0.04		1.00	65.00	219.00
			1075404	116.00	117.00	1.00	0.05		1.00	62.00	176.00
			1075405	117.00	118.00	1.00	0.03		0.50	55.00	225.00
			1075407	118.00	119.00	1.00	0.06		0.50	38.00	272.00
			1075408	119.00	120.00	1.00	0.03		1.00	55.00	251.00
			1075409	120.00	121.00	1.00	0.03		0.50	63.00	413.00
			1075411	121.00	122.51	1.51	0.04		0.50	85.00	198.00
122.51	164.00	BMS, Biotite Muscovite Schist BMS zone with weak to moderate sr/si alteration. 4-5% diss. py but otherwise poorly mineralized.	1075412	122.51	124.00	1.49	0.06		1.00	33.00	159.00
			1075413	162.50	164.00	1.50	0.01		0.50	16.00	53.00
164.00	167.62	MSS, Muscovite Sericite Schist	1075414	164.00	165.00	1.00	0.01		0.50	21.00	34.00
			1075415	165.00	166.00	1.00	0.01		0.50	29.00	205.00
			1075416	166.00	167.62	1.62	0.01		0.50	30.00	432.00

## DETAILED LOG

Hole Number: TL11181

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
167.62	204.00	BMS, Biotite Muscovite Schist BMS with patches of very weak to moderate sr alteration, interval 177-186.50 has common sulfide stringers including py, sph, gn, cpy, and po. Common irregular qz veins with foliation folded around them.	1075417	167.62	169.00	1.38	0.02		0.50	26.00	177.00
			1075418	169.00	170.00	1.00	0.01		0.50	18.00	57.00
			1075419	170.00	171.00	1.00	0.07		0.50	21.00	71.00
			1075421	171.00	172.50	1.50	0.04		0.50	48.00	223.00
			1075422	172.50	174.00	1.50	0.11		0.50	67.00	177.00
			1075423	174.00	175.50	1.50	0.05		0.50	48.00	144.00
			1075424	175.50	177.00	1.50	0.04		0.50	90.00	227.00
			1075425	177.00	178.25	1.25	0.08		2.00	2018.00	2175.00
			1075426	177.00	178.25	1.25	0.15		2.00	1902.00	2014.00
			1075427	178.25	179.50	1.25	0.07		0.50	493.00	1123.00
			1075428	179.50	180.50	1.00	0.11		0.50	855.00	992.00
			1075429	180.50	182.00	1.50	0.26		0.50	500.00	2024.00
			1075431	182.00	183.50	1.50	0.05		0.50	164.00	315.00
			1075432	183.50	184.50	1.00	0.22		1.00	903.00	1211.00
			1075433	184.50	185.50	1.00	0.19		0.50	735.00	948.00
			1075434	185.50	186.50	1.00	0.04		2.00	1393.00	2927.00
			1075435	186.50	188.00	1.50	0.02		0.50	53.00	113.00
			1075436	188.00	189.00	1.00	0.03		0.50	26.00	79.00
			1075437	189.00	190.50	1.50	0.03		0.50	39.00	138.00
			1075438	190.50	192.00	1.50	0.02		0.50	35.00	134.00
			1075439	192.00	193.50	1.50	0.04		0.50	172.00	724.00
			1075441	193.50	195.00	1.50	0.05		0.50	158.00	227.00
			1075442	195.00	196.50	1.50	0.02		0.50	35.00	142.00
			1075443	196.50	198.00	1.50	0.02		0.50	25.00	79.00
			1075444	198.00	199.50	1.50	0.02		0.50	25.00	70.00
			1075445	199.50	201.00	1.50	0.01		0.50	25.00	74.00
			1075446	199.50	201.00	1.50	0.05		0.50	24.00	76.00
			1075447	201.00	202.50	1.50	0.02		0.50	41.00	85.00
			1075448	202.50	204.00	1.50	0.02		0.50	40.00	128.00
204.00	213.45	MSS, Muscovite Sericite Schist MSS hangingwall zone, strong sr and moderate si alt. Poorly mineralized, abundant large qz veins.	1075449	204.00	205.00	1.00	0.02		0.50	48.00	102.00
			1075451	205.00	206.00	1.00	0.03		5.00	201.00	596.00
			1075452	206.00	207.00	1.00	0.03		0.50	125.00	236.00
			1075453	207.00	208.00	1.00	0.06		0.50	80.00	161.00
			1075454	208.00	209.00	1.00	0.06		2.00	179.00	559.00
			1075455	209.00	210.00	1.00	0.06		3.00	147.00	295.00
			1075456	210.00	211.00	1.00	0.02		1.00	38.00	60.00
			1075457	211.00	212.00	1.00	0.50		9.00	32.00	111.00
			1075458	212.00	213.45	1.45	0.10		13.00	46.00	157.00
213.45	254.43	BMS, Biotite Muscovite Schist Weakly sericitized BMS zone, common fractures and folding around qz veins. Poorly mineralized	1075459	213.45	215.00	1.55	0.09		8.00	49.00	125.00
			1075461	252.93	254.43	1.50	0.06		1.00	60.00	1053.00

## DETAILED LOG

Hole Number: TL11181

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
254.43	293.54	MSS, Muscovite Sericite Schist	1075462	254.43	255.43	1.00	0.79		3.00	212.00	17295.0
		MSS hangingwall zone with strong sr alteration, several intervals up to 5m of weak sr alt. Moderate to strongly silicified through whole zone. ~4% py throughout, small interval near top contact with 10% sph and minor gn/cpy.	1075463	255.43	256.43	1.00	0.15		2.00	190.00	1060.0
			1075464	256.43	258.00	1.57	0.15		1.00	47.00	169.0
			1075465	258.00	259.50	1.50	0.99		2.00	22.00	94.0
			1075466	258.00	259.50	1.50	0.10		0.50	25.00	96.0
			1075467	259.50	261.00	1.50	0.07		0.50	32.00	191.0
			1075468	261.00	262.50	1.50	0.01		0.50	18.00	49.0
			1075469	262.50	264.00	1.50	0.01		0.50	19.00	58.0
			1075471	264.00	265.50	1.50	0.02		0.50	27.00	144.0
			1075472	265.50	267.00	1.50	0.01		0.50	46.00	138.0
			1075473	267.00	268.50	1.50	0.03		2.00	445.00	595.0
			1075474	268.50	270.00	1.50	0.02		0.50	24.00	38.0
			1075475	270.00	271.50	1.50	0.07		0.50	17.00	27.0
			1075476	271.50	273.00	1.50	0.04		0.50	20.00	37.0
			1075477	273.00	274.50	1.50	0.35		0.50	22.00	59.0
			1075478	274.50	276.00	1.50	0.04		0.50	20.00	66.0
			1075479	276.00	277.50	1.50	0.05		0.50	17.00	79.0
			1075481	277.50	279.00	1.50	0.02		0.50	19.00	70.0
			1075482	279.00	280.50	1.50	0.04		0.50	229.00	396.0
			1075483	280.50	282.00	1.50	0.02		0.50	16.00	55.0
			1075484	282.00	283.50	1.50	2.01		0.50	12.00	315.0
			1075485	283.50	285.00	1.50	0.02		0.50	11.00	121.0
			1075486	283.50	285.00	1.50	0.05		0.50	19.00	81.0
			1075487	285.00	286.50	1.50	0.02		0.50	8.00	55.0
			1075488	286.50	288.00	1.50	0.02		0.50	15.00	48.0
			1075489	288.00	289.50	1.50	0.02		0.50	19.00	165.0
			1075491	289.50	291.00	1.50	0.06		0.50	10.00	103.0
			1075492	291.00	292.00	1.00	0.02		0.50	16.00	42.0
			1075493	292.00	293.54	1.54	0.02		0.50	21.00	76.0

## DETAILED LOG

Hole Number: TL11181

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
293.54	367.52	BMS, Biotite Muscovite Schist	1075494	293.54	295.00	1.46	0.02		0.50	12.00	72.00
		BMS with intervals of strong and weak sr/si alteration. Mostly poorly mineralized, strong sr altered area between 345.60 - 345.90 contains condensed mineralized stringers. Toward end of unit there are qz veins mixed with banded subhedral amphibole crystals.	1075495	315.00	316.50	1.50	0.01		0.50	16.00	40.00
			1075496	316.50	318.00	1.50	0.02		0.50	168.00	168.00
			1075497	318.00	319.50	1.50	0.06		0.50	246.00	442.00
			1075498	319.50	321.00	1.50	0.14		0.50	65.00	173.00
			1075499	321.00	322.50	1.50	0.04		0.50	24.00	38.00
			1075501	322.50	324.00	1.50	0.03		0.50	55.00	94.00
			1075502	324.00	325.20	1.20	0.06		0.50	58.00	91.00
			1075503	325.20	326.20	1.00	0.05		0.50	35.00	50.00
			1075504	326.20	327.00	0.80	0.13		8.00	439.00	861.00
			1075505	327.00	328.50	1.50	0.04		0.50	33.00	54.00
			1075506	327.00	328.50	1.50	0.11		1.00	36.00	58.00
			1075507	343.70	345.20	1.50	0.09		2.00	91.00	260.00
			1075508	345.20	346.20	1.00	2.48		16.00	2676.00	7002.00
			1075509	346.20	347.70	1.50	0.04		1.00	153.00	316.00
			1075511	347.70	349.20	1.50	0.03		2.00	206.00	150.00
			1075512	366.00	367.52	1.52	0.01		0.50	41.00	182.00

DETAILED LOG

Hole Number: TL11181

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
367.52	427.97	MSS, Muscovite Sericite Schist	1075513	367.52	368.52	1.00	0.18		5.00	504.00	337.00
		MSS zone with moderate to strong sr alteration. Common mineralized stringers from top contact until 390m. Condensed zone of stringers from 372.80-373.	1075514	368.52	369.50	0.98	0.27		0.50	37.00	81.00
		After 390, sr alteration and mineralization decreases, sr alteration goes back to strong toward the end of the zone but with minor mineralization.	1075515	369.50	371.00	1.50	0.57		1.00	68.00	192.00
			1075516	371.00	372.00	1.00	0.22		0.50	99.00	264.00
			1075517	372.00	373.00	1.00	2.37		7.00	1349.00	9537.00
			1075518	373.00	374.00	1.00	0.10		0.50	89.00	205.00
			1075519	374.00	375.00	1.00	0.78		7.00	31.00	87.00
			1075521	375.00	376.00	1.00	0.05		0.50	29.00	50.00
			1075522	376.00	377.00	1.00	0.50		3.00	34.00	595.00
			1075523	377.00	378.00	1.00	0.06		0.50	20.00	39.00
			1075524	378.00	379.00	1.00	1.41		0.50	91.00	334.00
			1075526	379.00	380.00	1.00	1.07		0.50	69.00	257.00
			1075525	379.00	380.00	1.00	0.30		0.50	23.00	60.00
			1075527	380.00	381.50	1.50	0.28		0.50	26.00	71.00
			1075528	381.50	382.50	1.00	1.61		4.00	721.00	2175.00
			1075529	382.50	383.50	1.00	0.80		0.50	169.00	219.00
			1075531	383.50	385.00	1.50	0.31		0.50	22.00	72.00
			1075532	385.00	386.00	1.00	0.25		0.50	97.00	95.00
			1075533	386.00	387.00	1.00	0.33		0.50	21.00	70.00
			1075534	387.00	388.50	1.50	0.15		0.50	24.00	64.00
			1075535	388.50	389.50	1.00	0.17		3.00	286.00	1350.00
			1075536	389.50	390.50	1.00	0.12		0.50	69.00	135.00
			1075537	390.50	392.00	1.50	0.08		0.50	41.00	196.00
			1075538	392.00	393.00	1.00	0.01		0.50	18.00	59.00
			1075539	393.00	394.50	1.50	0.04		0.50	17.00	63.00
			1075541	394.50	396.00	1.50	0.03		0.50	20.00	45.00
			1075542	396.00	397.50	1.50	0.05		0.50	19.00	34.00
			1075543	397.50	399.00	1.50	0.11		0.50	21.00	56.00
			1075544	399.00	400.00	1.00	0.07		0.50	28.00	171.00
			1075545	400.00	401.00	1.00	0.03		0.50	19.00	71.00
			1075546	400.00	401.00	1.00	0.03		0.50	25.00	67.00
			1075547	401.00	402.00	1.00	0.03		2.00	18.00	103.00
			1075548	402.00	403.00	1.00	0.05		6.00	31.00	150.00
			1075549	403.00	404.50	1.50	0.02		0.50	15.00	49.00
			1075551	404.50	406.00	1.50	0.02		1.00	22.00	69.00
			1075552	406.00	407.50	1.50	0.01		2.00	16.00	57.00
			1075553	407.50	409.00	1.50	0.01		1.00	18.00	234.00
			1075554	409.00	410.00	1.00	0.02		1.00	32.00	56.00
			1075555	410.00	411.00	1.00	0.01		0.50	28.00	55.00
			1075556	411.00	412.00	1.00	0.56		10.00	203.00	798.00
			1075557	412.00	413.00	1.00	0.14		9.00	65.00	351.00
			1075558	413.00	414.00	1.00	0.49		9.00	171.00	321.00
			1075559	414.00	415.00	1.00	0.64		2.00	65.00	260.00



## DETAILED LOG

Hole Number: TL11181

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1075561	415.00	416.00	1.00	0.45		2.00	77.00	112.00
			1075562	416.00	417.00	1.00	0.46		2.00	55.00	154.00
			1075563	417.00	418.50	1.50	0.03		1.00	25.00	56.00
			1075564	418.50	420.00	1.50	0.01		0.50	33.00	57.00
			1075565	420.00	421.00	1.00	0.03		0.50	27.00	52.00
			1075566	420.00	421.00	1.00	0.03		0.50	25.00	70.00
			1075567	421.00	422.00	1.00	0.07		2.00	23.00	206.00
			1075568	422.00	423.00	1.00	0.03		1.00	31.00	118.00
			1075569	423.00	424.00	1.00	0.44		7.00	96.00	91.00
			1075571	424.00	425.00	1.00	0.06		11.00	154.00	123.00
			1075572	425.00	426.00	1.00	0.15		2.00	23.00	129.00
			1075573	426.00	427.00	1.00	0.06		1.00	18.00	83.00
			1075574	427.00	427.97	0.97	0.02		3.00	70.00	267.00
427.97	481.25	BMS, Biotite Muscovite Schist	1075575	427.97	429.00	1.03	0.01		0.50	30.00	45.00
		BMS that transitions out of previous MSS zone with weak-moderate sr alteration.	1075576	429.00	430.50	1.50	0.01		0.50	23.00	202.00
		From 441 to contact the remainder is weak sr alteration and strong si alt.	1075577	430.50	432.00	1.50	0.01		0.50	18.00	32.00
		441-contact has increased diss. py ~5%. Little mineralization otherwise	1075578	432.00	433.50	1.50	0.07		5.00	37.00	82.00
			1075579	433.50	435.00	1.50	0.01		1.00	24.00	54.00
			1075581	435.00	436.50	1.50	0.01		0.50	16.00	41.00
			1075582	436.50	438.00	1.50	0.07		1.00	15.00	45.00
			1075583	438.00	439.00	1.00	0.02		0.50	24.00	53.00
			1075584	439.00	440.20	1.20	0.02		0.50	49.00	104.00
			1075585	480.00	481.25	1.25	0.10		0.50	64.00	111.00
			1075586	480.00	481.25	1.25	0.07		0.50	65.00	118.00

# DETAILED LOG

Hole Number: TL11181

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
481.25	518.54	MSS, Muscovite Sericite Schist  MSS with strong sr alteration near top contact but is moderate throughout the rest. Common pent/po? mineralization as stringers or blebs in qz veins. 1-2% Sph stringers grouped close to top and bottom contact.	1075587	481.25	482.52	1.27	0.20		1.00	65.00	185.00
			1075588	482.52	483.00	0.48	0.25		1.00	74.00	270.00
			1075589	483.00	484.00	1.00	0.46		2.00	164.00	250.00
			1075591	484.00	485.00	1.00	0.55		1.00	63.00	108.00
			1075592	485.00	486.00	1.00	2.86		11.00	156.00	192.00
			1075593	486.00	487.00	1.00	0.10		1.00	79.00	104.00
			1075594	487.00	488.00	1.00	0.49		0.50	51.00	78.00
			1075595	488.00	489.00	1.00	0.25		0.50	45.00	57.00
			1075596	489.00	490.50	1.50	0.10		0.50	28.00	110.00
			1075597	490.50	492.00	1.50	0.06		0.50	27.00	99.00
			1075598	492.00	493.50	1.50	0.08		0.50	69.00	67.00
			1075599	493.50	495.00	1.50	0.13		0.50	19.00	81.00
			1075601	495.00	496.50	1.50	0.03		0.50	16.00	88.00
			1075602	496.50	498.00	1.50	0.15		0.50	26.00	108.00
			1075603	498.00	499.50	1.50	0.05		0.50	24.00	72.00
			1075604	499.50	501.00	1.50	0.09		0.50	19.00	67.00
			1075606	501.00	502.50	1.50	0.08		0.50	16.00	84.00
			1075605	501.00	502.50	1.50	0.65		0.50	17.00	89.00
			1075607	502.50	504.00	1.50	0.10		0.50	16.00	90.00
			1075608	504.00	505.00	1.00	0.15		2.00	15.00	225.00
			1075609	505.00	506.00	1.00	0.29		0.50	18.00	170.00
			1075611	506.00	507.00	1.00	0.24		0.50	31.00	378.00
			1075612	507.00	508.00	1.00	0.12		0.50	41.00	86.00
1075613	508.00	509.00	1.00	0.05		0.50	43.00	196.00			
1075614	509.00	510.00	1.00	0.06		0.50	53.00	218.00			
1075615	510.00	511.00	1.00	0.09		0.50	48.00	137.00			
1075616	511.00	512.00	1.00	0.06		0.50	21.00	181.00			
1075617	512.00	513.00	1.00	0.03		0.50	24.00	179.00			
1075618	513.00	514.00	1.00	0.02		0.50	26.00	97.00			
1075619	514.00	515.00	1.00	0.01		0.50	34.00	166.00			
1075621	515.00	516.00	1.00	0.02		0.50	25.00	2414.00			
1075622	516.00	517.00	1.00	0.04		1.00	19.00	143.00			
1075623	517.00	518.54	1.54	0.02		1.00	25.00	986.00			
518.54	531.00	BMS, Biotite Muscovite Schist EOH BMS zone, weak sr alteration and poorly mineralized	1075406	518.54	520.00	1.46	0.03		1.00	72.00	224.00
			1075624	518.54	520.00	1.46	0.01		0.50	28.00	108.00

**Samples**

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075397	109.50	111.00	0.0140		0.5000	51.0000	135.0000
1075398	111.00	112.00	0.0480		1.0000	104.0000	1522.0000
1075399	112.00	113.00	0.0630		1.0000	101.0000	363.0000

Hole Number: TL11181

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075401	113.00	114.00	0.0370		0.5000	80.0000	245.0000
1075402	114.00	115.00	0.0250		0.5000	38.0000	90.0000
1075403	115.00	116.00	0.0350		1.0000	65.0000	219.0000
1075404	116.00	117.00	0.0520		1.0000	62.0000	176.0000
1075405	117.00	118.00	0.0300		0.5000	55.0000	225.0000
1075407	118.00	119.00	0.0590		0.5000	38.0000	272.0000
1075408	119.00	120.00	0.0310		1.0000	55.0000	251.0000
1075409	120.00	121.00	0.0330		0.5000	63.0000	413.0000
1075411	121.00	122.51	0.0440		0.5000	85.0000	198.0000
1075412	122.51	124.00	0.0560		1.0000	33.0000	159.0000
1075413	162.50	164.00	0.0090		0.5000	16.0000	53.0000
1075414	164.00	165.00	0.0050		0.5000	21.0000	34.0000
1075415	165.00	166.00	0.0060		0.5000	29.0000	205.0000
1075416	166.00	167.62	0.0110		0.5000	30.0000	432.0000
1075417	167.62	169.00	0.0210		0.5000	26.0000	177.0000
1075418	169.00	170.00	0.0120		0.5000	18.0000	57.0000
1075419	170.00	171.00	0.0720		0.5000	21.0000	71.0000
1075421	171.00	172.50	0.0420		0.5000	48.0000	223.0000
1075422	172.50	174.00	0.1120		0.5000	67.0000	177.0000
1075423	174.00	175.50	0.0460		0.5000	48.0000	144.0000
1075424	175.50	177.00	0.0410		0.5000	90.0000	227.0000
1075425	177.00	178.25	0.0810		2.0000	2018.0000	2175.0000
1075427	178.25	179.50	0.0710		0.5000	493.0000	1123.0000
1075428	179.50	180.50	0.1070		0.5000	855.0000	992.0000
1075429	180.50	182.00	0.2600		0.5000	500.0000	2024.0000
1075431	182.00	183.50	0.0460		0.5000	164.0000	315.0000
1075432	183.50	184.50	0.2220		1.0000	903.0000	1211.0000
1075433	184.50	185.50	0.1870		0.5000	735.0000	948.0000
1075434	185.50	186.50	0.0410		2.0000	1393.0000	2927.0000
1075435	186.50	188.00	0.0220		0.5000	53.0000	113.0000
1075436	188.00	189.00	0.0270		0.5000	26.0000	79.0000
1075437	189.00	190.50	0.0320		0.5000	39.0000	138.0000
1075438	190.50	192.00	0.0240		0.5000	35.0000	134.0000
1075439	192.00	193.50	0.0440		0.5000	172.0000	724.0000
1075441	193.50	195.00	0.0460		0.5000	158.0000	227.0000
1075442	195.00	196.50	0.0230		0.5000	35.0000	142.0000
1075443	196.50	198.00	0.0160		0.5000	25.0000	79.0000
1075444	198.00	199.50	0.0150		0.5000	25.0000	70.0000
1075445	199.50	201.00	0.0120		0.5000	25.0000	74.0000

Hole Number: TL11181

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075447	201.00	202.50	0.0150		0.5000	41.0000	85.0000
1075448	202.50	204.00	0.0190		0.5000	40.0000	128.0000
1075449	204.00	205.00	0.0220		0.5000	48.0000	102.0000
1075451	205.00	206.00	0.0340		5.0000	201.0000	596.0000
1075452	206.00	207.00	0.0340		0.5000	125.0000	236.0000
1075453	207.00	208.00	0.0620		0.5000	80.0000	161.0000
1075454	208.00	209.00	0.0570		2.0000	179.0000	559.0000
1075455	209.00	210.00	0.0640		3.0000	147.0000	295.0000
1075456	210.00	211.00	0.0190		1.0000	38.0000	60.0000
1075457	211.00	212.00	0.4950		9.0000	32.0000	111.0000
1075458	212.00	213.45	0.1030		13.0000	46.0000	157.0000
1075459	213.45	215.00	0.0870		8.0000	49.0000	125.0000
1075461	252.93	254.43	0.0620		1.0000	60.0000	1053.0000
1075462	254.43	255.43	0.7910		3.0000	212.0000	17295.0000
1075463	255.43	256.43	0.1490		2.0000	190.0000	1060.0000
1075464	256.43	258.00	0.1460		1.0000	47.0000	169.0000
1075465	258.00	259.50	0.9900		2.0000	22.0000	94.0000
1075467	259.50	261.00	0.0670		0.5000	32.0000	191.0000
1075468	261.00	262.50	0.0080		0.5000	18.0000	49.0000
1075469	262.50	264.00	0.0060		0.5000	19.0000	58.0000
1075471	264.00	265.50	0.0200		0.5000	27.0000	144.0000
1075472	265.50	267.00	0.0110		0.5000	46.0000	138.0000
1075473	267.00	268.50	0.0260		2.0000	445.0000	595.0000
1075474	268.50	270.00	0.0170		0.5000	24.0000	38.0000
1075475	270.00	271.50	0.0660		0.5000	17.0000	27.0000
1075476	271.50	273.00	0.0410		0.5000	20.0000	37.0000
1075477	273.00	274.50	0.3520		0.5000	22.0000	59.0000
1075478	274.50	276.00	0.0430		0.5000	20.0000	66.0000
1075479	276.00	277.50	0.0510		0.5000	17.0000	79.0000
1075481	277.50	279.00	0.0210		0.5000	19.0000	70.0000
1075482	279.00	280.50	0.0400		0.5000	229.0000	396.0000
1075483	280.50	282.00	0.0160		0.5000	16.0000	55.0000
1075484	282.00	283.50	2.0140		0.5000	12.0000	315.0000
1075485	283.50	285.00	0.0230		0.5000	11.0000	121.0000
1075487	285.00	286.50	0.0230		0.5000	8.0000	55.0000
1075488	286.50	288.00	0.0160		0.5000	15.0000	48.0000
1075489	288.00	289.50	0.0190		0.5000	19.0000	165.0000
1075491	289.50	291.00	0.0630		0.5000	10.0000	103.0000
1075492	291.00	292.00	0.0190		0.5000	16.0000	42.0000

Hole Number: TL11181

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075493	292.00	293.54	0.0190		0.5000	21.0000	76.0000
1075494	293.54	295.00	0.0170		0.5000	12.0000	72.0000
1075495	315.00	316.50	0.0130		0.5000	16.0000	40.0000
1075496	316.50	318.00	0.0200		0.5000	168.0000	168.0000
1075497	318.00	319.50	0.0600		0.5000	246.0000	442.0000
1075498	319.50	321.00	0.1370		0.5000	65.0000	173.0000
1075499	321.00	322.50	0.0400		0.5000	24.0000	38.0000
1075501	322.50	324.00	0.0320		0.5000	55.0000	94.0000
1075502	324.00	325.20	0.0570		0.5000	58.0000	91.0000
1075503	325.20	326.20	0.0480		0.5000	35.0000	50.0000
1075504	326.20	327.00	0.1310		8.0000	439.0000	861.0000
1075505	327.00	328.50	0.0430		0.5000	33.0000	54.0000
1075507	343.70	345.20	0.0920		2.0000	91.0000	260.0000
1075508	345.20	346.20	2.4770		16.0000	2676.0000	7002.0000
1075509	346.20	347.70	0.0410		1.0000	153.0000	316.0000
1075511	347.70	349.20	0.0310		2.0000	206.0000	150.0000
1075512	366.00	367.52	0.0130		0.5000	41.0000	182.0000
1075513	367.52	368.52	0.1810		5.0000	504.0000	337.0000
1075514	368.52	369.50	0.2660		0.5000	37.0000	81.0000
1075515	369.50	371.00	0.5710		1.0000	68.0000	192.0000
1075516	371.00	372.00	0.2180		0.5000	99.0000	264.0000
1075517	372.00	373.00	2.3710		7.0000	1349.0000	9537.0000
1075518	373.00	374.00	0.0990		0.5000	89.0000	205.0000
1075519	374.00	375.00	0.7770		7.0000	31.0000	87.0000
1075521	375.00	376.00	0.0540		0.5000	29.0000	50.0000
1075522	376.00	377.00	0.4970		3.0000	34.0000	595.0000
1075523	377.00	378.00	0.0560		0.5000	20.0000	39.0000
1075524	378.00	379.00	1.4080		0.5000	91.0000	334.0000
1075525	379.00	380.00	0.3020		0.5000	23.0000	60.0000
1075527	380.00	381.50	0.2840		0.5000	26.0000	71.0000
1075528	381.50	382.50	1.6110		4.0000	721.0000	2175.0000
1075529	382.50	383.50	0.8040		0.5000	169.0000	219.0000
1075531	383.50	385.00	0.3060		0.5000	22.0000	72.0000
1075532	385.00	386.00	0.2470		0.5000	97.0000	95.0000
1075533	386.00	387.00	0.3250		0.5000	21.0000	70.0000
1075534	387.00	388.50	0.1460		0.5000	24.0000	64.0000
1075535	388.50	389.50	0.1690		3.0000	286.0000	1350.0000
1075536	389.50	390.50	0.1220		0.5000	69.0000	135.0000
1075537	390.50	392.00	0.0810		0.5000	41.0000	196.0000

Hole Number: TL11181

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075538	392.00	393.00	0.0130		0.5000	18.0000	59.0000
1075539	393.00	394.50	0.0390		0.5000	17.0000	63.0000
1075541	394.50	396.00	0.0290		0.5000	20.0000	45.0000
1075542	396.00	397.50	0.0520		0.5000	19.0000	34.0000
1075543	397.50	399.00	0.1120		0.5000	21.0000	56.0000
1075544	399.00	400.00	0.0710		0.5000	28.0000	171.0000
1075545	400.00	401.00	0.0250		0.5000	19.0000	71.0000
1075547	401.00	402.00	0.0320		2.0000	18.0000	103.0000
1075548	402.00	403.00	0.0460		6.0000	31.0000	150.0000
1075549	403.00	404.50	0.0210		0.5000	15.0000	49.0000
1075551	404.50	406.00	0.0160		1.0000	22.0000	69.0000
1075552	406.00	407.50	0.0100		2.0000	16.0000	57.0000
1075553	407.50	409.00	0.0100		1.0000	18.0000	234.0000
1075554	409.00	410.00	0.0180		1.0000	32.0000	56.0000
1075555	410.00	411.00	0.0100		0.5000	28.0000	55.0000
1075556	411.00	412.00	0.5580		10.0000	203.0000	798.0000
1075557	412.00	413.00	0.1350		9.0000	65.0000	351.0000
1075558	413.00	414.00	0.4940		9.0000	171.0000	321.0000
1075559	414.00	415.00	0.6380		2.0000	65.0000	260.0000
1075561	415.00	416.00	0.4520		2.0000	77.0000	112.0000
1075562	416.00	417.00	0.4640		2.0000	55.0000	154.0000
1075563	417.00	418.50	0.0290		1.0000	25.0000	56.0000
1075564	418.50	420.00	0.0100		0.5000	33.0000	57.0000
1075565	420.00	421.00	0.0340		0.5000	27.0000	52.0000
1075567	421.00	422.00	0.0730		2.0000	23.0000	206.0000
1075568	422.00	423.00	0.0300		1.0000	31.0000	118.0000
1075569	423.00	424.00	0.4370		7.0000	96.0000	91.0000
1075571	424.00	425.00	0.0600		11.0000	154.0000	123.0000
1075572	425.00	426.00	0.1460		2.0000	23.0000	129.0000
1075573	426.00	427.00	0.0570		1.0000	18.0000	83.0000
1075574	427.00	427.97	0.0170		3.0000	70.0000	267.0000
1075575	427.97	429.00	0.0080		0.5000	30.0000	45.0000
1075576	429.00	430.50	0.0100		0.5000	23.0000	202.0000
1075577	430.50	432.00	0.0120		0.5000	18.0000	32.0000
1075578	432.00	433.50	0.0730		5.0000	37.0000	82.0000
1075579	433.50	435.00	0.0130		1.0000	24.0000	54.0000
1075581	435.00	436.50	0.0110		0.5000	16.0000	41.0000
1075582	436.50	438.00	0.0730		1.0000	15.0000	45.0000
1075583	438.00	439.00	0.0160		0.5000	24.0000	53.0000

Hole Number: TL11181

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075584	439.00	440.20	0.0190		0.5000	49.0000	104.0000
1075585	480.00	481.25	0.1030		0.5000	64.0000	111.0000
1075587	481.25	482.52	0.2040		1.0000	65.0000	185.0000
1075588	482.52	483.00	0.2490		1.0000	74.0000	270.0000
1075589	483.00	484.00	0.4570		2.0000	164.0000	250.0000
1075591	484.00	485.00	0.5500		1.0000	63.0000	108.0000
1075592	485.00	486.00	2.8600		11.0000	156.0000	192.0000
1075593	486.00	487.00	0.0990		1.0000	79.0000	104.0000
1075594	487.00	488.00	0.4860		0.5000	51.0000	78.0000
1075595	488.00	489.00	0.2540		0.5000	45.0000	57.0000
1075596	489.00	490.50	0.0980		0.5000	28.0000	110.0000
1075597	490.50	492.00	0.0610		0.5000	27.0000	99.0000
1075598	492.00	493.50	0.0750		0.5000	69.0000	67.0000
1075599	493.50	495.00	0.1310		0.5000	19.0000	81.0000
1075601	495.00	496.50	0.0260		0.5000	16.0000	88.0000
1075602	496.50	498.00	0.1510		0.5000	26.0000	108.0000
1075603	498.00	499.50	0.0540		0.5000	24.0000	72.0000
1075604	499.50	501.00	0.0900		0.5000	19.0000	67.0000
1075605	501.00	502.50	0.6510		0.5000	17.0000	89.0000
1075607	502.50	504.00	0.0950		0.5000	16.0000	90.0000
1075608	504.00	505.00	0.1450		2.0000	15.0000	225.0000
1075609	505.00	506.00	0.2930		0.5000	18.0000	170.0000
1075611	506.00	507.00	0.2400		0.5000	31.0000	378.0000
1075612	507.00	508.00	0.1240		0.5000	41.0000	86.0000
1075613	508.00	509.00	0.0540		0.5000	43.0000	196.0000
1075614	509.00	510.00	0.0640		0.5000	53.0000	218.0000
1075615	510.00	511.00	0.0910		0.5000	48.0000	137.0000
1075616	511.00	512.00	0.0600		0.5000	21.0000	181.0000
1075617	512.00	513.00	0.0270		0.5000	24.0000	179.0000
1075618	513.00	514.00	0.0220		0.5000	26.0000	97.0000
1075619	514.00	515.00	0.0140		0.5000	34.0000	166.0000
1075621	515.00	516.00	0.0170		0.5000	25.0000	2414.0000
1075622	516.00	517.00	0.0410		1.0000	19.0000	143.0000
1075623	517.00	518.54	0.0160		1.0000	25.0000	986.0000
1075624	518.54	520.00	0.0070		0.5000	28.0000	108.0000
Sample Type	CDUP						
1075426	177.00	178.25	0.1510		2.0000	1902.0000	2014.0000
1075446	199.50	201.00	0.0520		0.5000	24.0000	76.0000
1075466	258.00	259.50	0.1040		0.5000	25.0000	96.0000

Hole Number: TL11181

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	CDUP						
1075486	283.50	285.00	0.0490		0.5000	19.0000	81.0000
1075506	327.00	328.50	0.1100		1.0000	36.0000	58.0000
1075526	379.00	380.00	1.0660		0.5000	69.0000	257.0000
1075546	400.00	401.00	0.0260		0.5000	25.0000	67.0000
1075566	420.00	421.00	0.0310		0.5000	25.0000	70.0000
1075586	480.00	481.25	0.0720		0.5000	65.0000	118.0000
1075606	501.00	502.50	0.0780		0.5000	16.0000	84.0000
1075406	518.54	520.00	0.0340		1.0000	72.0000	224.0000



# DETAILED LOG

Hole Number: TL11182

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -70.00
Project Number: TMI-TL	North: 5511643.88	North:	Collar Az: 355.00
Location: Zealand Township	East: 527231.33	East:	Length: 381.00
	Elev: 399.58	Elev:	Start Depth: 0.00
Date Started: May 25, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jun 02, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 381.00

Comments: Strongly sericitized small MSS zone from 217.93-220.90 m. Section from 217.93-218.71 m contains abundant sulph stringers; 15% sph, 8-9% cp, 12-13% py, 4-5% asp, 3% po, and 5-6% gn. The rest of the interval contains 6% py, 4-5% asp, 2-3% gn, and 2-3% po. Beginning of MSS main zone from 242.07-291.38m seperated by mafic dykes. Sections of very strong sericitization alternating with strong to weakly sericitized core. Core at lower contact adjacent to mafic dyke is very weakly sericitized. From 242.07-283.28 m 5-6% py, 2-3% sph. Trace cp over entire unit. From 283.28-284.42 m 1% galena, 4% sph, 1-2% asp, and 7-8% py. From 284.42-291.38 m trace galena, 1% sph, and 5-6% py. Second section of MSS main zone from 291.88-301.68 m seperated by the mafic dyke. Very weakly sericitized at the top of the interval adj to the dyke with the rest of the interval being strongly sericitized. Py from 291.88-295.92 m 7-8%, from 295.92-298.02 m 8-9%, and from 298.02-301.68m 3-4% py. Sph is 4-5% from 291.88-298.02 m 4-5% sph and from 298.02-301.68 m 1% sph. 1-2% asp over entire interval. Last section of MSS main zone from 303.82-312 m. Moderate to strong sericitization. From 303.82-306.43 m 3-4% galena, 6-7% sph, and 1% pentlandite. From 306.43-312 m 3-4% py and 2-3% sph. 2% asp over entire interval. Moderately sericitized MSS C-zone from 372.46-376.52 m. 5-6% py, 1% asp blebs, and trace sph.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	355.00	-69.00	EZ Sho	OK		27.00	355.70	-68.50	EZ Sho	OK	
51.00	356.10	-67.90	EZ Sho	OK		201.00	358.40	-62.70	EZ Sho	OK	
252.00	359.60	-57.70	EZ Sho	OK		300.00	1.30	-55.40	EZ Sho	OK	
354.00	0.60	-51.00	EZ Sho	OK		381.00	7.00	-49.60	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	3.05	OB, Overburden									
3.05	143.95	MSED, Metasediment Strongly foliated Metasediments with 1% py to 90 m, 2-3% py from 90-143.95, trace sph from 132.81-143.95 m and trace asp. Local ep and potassic? altn. Qtz veins and ch bands parallel to foliation.	1005587	142.45	143.95	1.50	0.07		0.50	87.00	142.00
143.95	152.75	MSS, Muscovite Sericite Schist Very strongly sericitized MSS hanging wall. 5-6% py stringers, 1-2% sph stringers, 1% ank stringers and trace galena and asp. Rare fracturing and one weak microfault and one weak F2 fold.	1005588	143.95	144.95	1.00	3.18		3.00	1022.00	2010.00
			1005589	144.95	146.04	1.09	1.27		0.50	1445.00	1728.00
			1005591	146.04	147.04	1.00	0.83		2.00	577.00	1363.00
			1005592	147.04	147.96	0.92	0.08		2.00	120.00	441.00
			1005593	147.96	148.96	1.00	0.23		5.00	2258.00	1684.00
			1005594	148.96	150.00	1.04	0.06		1.00	212.00	589.00
			1005595	150.00	151.30	1.30	0.04		1.00	27.00	40.00
			1005596	151.30	152.75	1.45	0.31		12.00	835.00	427.00
152.75	217.93	BMS, Biotite Muscovite Schist	1005597	152.75	154.29	1.54	0.14		2.00	216.00	521.00
			1005598	215.93	216.93	1.00	0.05		0.50	17.00	93.00
			1005599	216.93	217.93	1.00	0.08		0.50	25.00	163.00

Hole Number: TL11182

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
217.93	220.90	MSS, Muscovite Sericite Schist	1005601	217.93	218.93	1.00	0.25		20.00	600.00	22704.0
		Strongly sericitized small MSS zone. Section from 217.93-218.71 m contains abundant sulph stringers; 15% sph, 8-9% cp, 12-13% py, 4-5% asp, 3% po, and 5-6% gn. The rest of the interval contains 6% py, 4-5% asp, 2-3% gn, and 2-3% po. Fault zone at 219.89-220.28 m.	1005602	218.93	219.90	0.97	0.16		2.00	88.00	182.0
			1005603	219.90	220.90	1.00	0.06		1.00	38.00	204.0
220.90	242.07		BMS, Biotite Muscovite Schist	1005604	220.90	221.88	0.98	0.95		1.00	32.00
			1005606	221.88	222.88	1.00	0.05		0.50	23.00	60.0
			1005605	221.88	222.88	1.00	0.02		0.50	21.00	64.0
			1005607	222.88	223.98	1.10	0.47		2.00	59.00	909.0
			1005608	223.98	225.25	1.27	0.12		1.00	25.00	1392.0
			1005609	240.40	242.07	1.67	0.04		1.00	17.00	100.0

## DETAILED LOG

Hole Number: TL11182

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
242.07	291.38	MSS, Muscovite Sericite Schist	1005611	242.07	243.07	1.00	0.03		1.00	77.00	124.00
		Beginning of MSS main zone separated by mafic dykes. Local sections of very strong sericitization alternating with strong to weakly sericitized core. Core at lower contact adjacent to mafic dyke is very weakly sericitized. 3 weak microfaults. 7 folds present ranging from very weak to weak to strong. From 242.07-283.28 m 5-6% py, 2-3% sph. Trace cp over entire unit. From 283.28-284.42 m 1% galena, 4% sph, 1-2% asp, and 7-8% py. From 284.42-291.38 m trace galena, 1% sph, and 5-6% py.	1005612	243.07	244.07	1.00	0.03		2.00	43.00	137.00
			1005613	244.07	245.07	1.00	0.04		0.50	21.00	164.00
			1005614	245.07	246.11	1.04	0.03		0.50	21.00	66.00
			1005615	246.11	247.11	1.00	0.02		0.50	17.00	89.00
			1005616	247.11	248.11	1.00	0.03		1.00	25.00	89.00
			1005617	248.11	249.09	0.98	0.03		1.00	20.00	69.00
			1005618	249.09	250.40	1.31	0.14		1.00	26.00	128.00
			1005619	250.40	251.43	1.03	0.79		3.00	131.00	157.00
			1005621	251.43	252.43	1.00	0.18		1.00	42.00	87.00
			1005622	252.43	253.34	0.91	0.88		9.00	82.00	183.00
			1005623	253.34	254.34	1.00	2.54		5.00	445.00	1060.00
			1005624	254.34	255.34	1.00	0.66		2.00	225.00	345.00
			1005626	255.34	256.34	1.00	0.15		2.00	43.00	157.00
			1005625	255.34	256.34	1.00	0.13		2.00	42.00	149.00
			1005627	256.34	257.54	1.20	0.03		1.00	27.00	47.00
			1005628	257.54	258.54	1.00	0.35		1.00	46.00	120.00
			1005629	258.54	259.54	1.00	0.10		1.00	43.00	114.00
			1005631	259.54	260.61	1.07	0.42		2.00	651.00	1042.00
			1005632	260.61	261.76	1.15	0.58		1.00	205.00	462.00
			1005633	261.76	262.76	1.00	2.33		0.50	69.00	110.00
			1005634	262.76	263.81	1.05	0.53		2.00	524.00	1618.00
			1005635	263.81	264.81	1.00	2.09		2.00	734.00	838.00
			1005636	264.81	265.77	0.96	0.49		3.00	2105.00	2985.00
			1005637	265.77	266.77	1.00	0.20		1.00	906.00	1909.00
			1005638	266.77	267.77	1.00	0.87		3.00	1577.00	2357.00
			1005639	267.77	268.83	1.06	0.18		3.00	937.00	681.00
			1005641	268.83	269.83	1.00	0.33		4.00	924.00	1042.00
			1005642	269.83	270.83	1.00	0.14		1.00	176.00	337.00
			1005643	270.83	271.93	1.10	0.33		2.00	743.00	1728.00
			1005644	271.93	272.93	1.00	1.14		8.00	3490.00	12988.00
			1005645	272.93	273.88	0.95	0.21		1.00	147.00	230.00
			1005646	272.93	273.88	0.95	0.04		1.00	122.00	171.00
			1005647	273.88	274.80	0.92	0.39		0.50	16.00	75.00
			1005648	274.80	275.80	1.00	0.31		0.50	9.00	48.00
			1005649	275.80	276.80	1.00	0.55		1.00	126.00	84.00
			1005651	276.80	277.75	0.95	0.11		0.50	64.00	75.00
			1005652	277.75	278.75	1.00	0.67		2.00	439.00	428.00
			1005653	278.75	279.75	1.00	0.17		0.50	49.00	160.00
			1005654	279.75	280.86	1.11	0.13		0.50	27.00	68.00
			1005655	280.86	281.47	0.61	0.11		0.50	45.00	73.00
			1005656	281.47	282.47	1.00	0.11		0.50	171.00	58.00
			1005657	282.47	283.43	0.96	0.39		2.00	475.00	832.00

## DETAILED LOG

Hole Number: TL11182

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1005658	283.43	284.43	1.00	0.52		5.00	1982.00	3310.00
			1005659	284.43	285.52	1.09	0.14		2.00	349.00	289.00
			1005661	285.52	286.47	0.95	0.08		2.00	110.00	445.00
			1005662	286.47	287.61	1.14	1.11		2.00	182.00	1038.00
			1005663	287.61	288.75	1.14	0.09		0.50	28.00	72.00
			1005664	288.75	289.81	1.06	0.14		1.00	22.00	117.00
			1005666	289.81	290.81	1.00	0.05		0.50	23.00	86.00
			1005665	289.81	290.81	1.00	0.05		0.50	37.00	79.00
			1005667	290.81	291.38	0.57	0.21		2.00	201.00	1463.00
291.38	291.88	MD, Mafic Dyke First section of the mafic dyke drilled through.	1005668	291.38	291.88	0.50	0.05		0.50	20.00	162.00
291.88	301.68	MSS, Muscovite Sericite Schist Second section of MSS main zone seperated by the mafic dyke. Very weakly sericitized at the top of the interval adj to the dyke with the rest of the interval being strongly sericitized. 2 strong folds. Py from 291.88-295.92 m 7-8%, from 295.92-298.02 m 8-9%, and from 298.02-301.68m 3-4% py. Sph is 4-5% from 291.88-298.02 m 4-5% sph and from 298.02-301.68 m 1% sph. 1-2% asp over entire interval.	1005669	291.88	292.84	0.96	0.16		1.00	79.00	86.00
			1005671	292.84	293.84	1.00	0.23		1.00	53.00	99.00
			1005672	293.84	294.84	1.00	0.25		1.00	68.00	139.00
			1005673	294.84	295.92	1.08	0.18		1.00	96.00	325.00
			1005674	295.92	296.92	1.00	0.17		6.00	1495.00	5758.00
			1005675	296.92	297.92	1.00	0.05		1.00	255.00	1000.00
			1005676	297.92	298.92	1.00	0.03		0.50	39.00	72.00
			1005677	298.92	299.92	1.00	0.04		2.00	456.00	1425.00
			1005678	299.92	300.70	0.78	0.02		0.50	73.00	229.00
			1005679	300.70	301.68	0.98	0.01		1.00	198.00	436.00
301.68	303.82	MD, Mafic Dyke Large section of mafic dyke with 9 and 20 cm sections of country rock w/i.	1005681	301.68	302.59	0.91	0.10		1.00	52.00	85.00
			1005682	302.59	303.82	1.23	0.03		2.00	35.00	175.00
303.82	312.00	MSS, Muscovite Sericite Schist Moderate to strongly sericitized MSS main zone section seperated by the mafic dykes. Moderate to strong sericitization. Weak and strong folding present. From 303.82-306.43 m 3-4% galena, 6-7% sph, and 1% pentlandite. From 306.43-312 m 3-4% py and 2-3% sph. 2% asp over entire interval.	1005683	303.82	304.54	0.72	0.10		0.50	74.00	90.00
			1005684	304.54	305.54	1.00	0.11		5.00	769.00	3304.00
			1005685	305.54	306.32	0.78	0.04		0.50	84.00	121.00
			1005686	305.54	306.32	0.78	0.03		0.50	87.00	78.00
			1005687	306.32	307.32	1.00	0.05		1.00	366.00	897.00
			1005688	307.32	308.25	0.93	0.06		0.50	98.00	175.00
			1005689	308.25	309.25	1.00	0.16		1.00	98.00	557.00
			1005691	309.25	310.25	1.00	0.07		0.50	44.00	266.00
			1005692	310.25	311.37	1.12	0.04		0.50	11.00	29.00
			1005693	311.37	312.00	0.63	0.02		0.50	34.00	81.00
312.00	314.15	MD, Mafic Dyke Mafic dyke with a couple qtz veins.	1005694	312.00	312.60	0.60	0.04		1.00	21.00	113.00
			1005695	312.60	313.60	1.00	0.03		1.00	20.00	85.00
			1005696	313.60	314.15	0.55	0.04		1.00	24.00	167.00
314.15	331.73	BMS, Biotite Muscovite Schist BMS interval with moderately sericitized sections. 1% asp, 3-4% py and trace sph stringers.	1005697	314.15	315.65	1.50	0.03		0.50	14.00	76.00
			1005698	330.23	331.73	1.50	0.02		0.50	22.00	39.00

# DETAILED LOG

Hole Number: TL11182

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
331.73	348.61	MSS, Muscovite Sericite Schist Small MSS zone between the main zone and the C-zone. Moderate to strongly sericitized. 4-5% py, 2-3% sph and trace galena.	1005699	331.73	332.70	0.97	0.04		0.50	9.00	19.00
			1005701	332.70	333.49	0.79	0.02		0.50	10.00	22.00
			1005702	333.49	334.24	0.75	0.49		0.50	45.00	231.00
			1005703	334.24	335.32	1.08	0.39		0.50	93.00	833.00
			1005704	335.32	336.57	1.25	0.02		0.50	7.00	21.00
			1005705	336.57	337.66	1.09	0.02		0.50	12.00	24.00
			1005706	336.57	337.66	1.09	0.01		0.50	10.00	28.00
			1005707	337.66	338.74	1.08	0.04		1.00	196.00	1209.00
			1005708	338.74	339.34	0.60	0.01		0.50	13.00	52.00
			1005709	339.34	340.34	1.00	0.02		2.00	424.00	1483.00
			1005711	340.34	341.10	0.76	0.02		0.50	21.00	61.00
			1005712	341.10	341.88	0.78	0.22		0.50	51.00	93.00
			1005713	341.88	342.61	0.73	0.06		0.50	51.00	81.00
			1005714	342.61	343.49	0.88	0.21		1.00	53.00	86.00
			1005715	343.49	344.57	1.08	0.21		0.50	120.00	191.00
			1005716	344.57	345.60	1.03	0.16		0.50	29.00	222.00
			1005717	345.60	346.63	1.03	0.74		5.00	457.00	2880.00
			1005718	346.63	347.63	1.00	0.47		2.00	134.00	137.00
			1005719	347.63	348.61	0.98	0.19		1.00	54.00	306.00
348.61	372.46	BMS, Biotite Muscovite Schist BMS zone with sections of weak sericitization and 1 microfault. 3-4% py and trace asp.	1005721	348.61	350.11	1.50	0.04		0.50	53.00	155.00
			1005722	370.97	372.46	1.49	0.03		1.00	22.00	71.00
372.46	376.52	MSS, Muscovite Sericite Schist Moderately sericitized MSS C-zone. 5-6% py, 1% asp blebs, and trace sph.	1005723	372.46	373.50	1.04	1.41		6.00	97.00	430.00
			1005724	373.50	374.50	1.00	0.20		2.00	30.00	74.00
			1005725	374.50	375.50	1.00	0.02		1.00	21.00	82.00
			1005726	374.50	375.50	1.00	0.03		1.00	23.00	146.00
			1005727	375.50	376.52	1.02	0.04		2.00	29.00	102.00
376.52	381.00	BMS, Biotite Muscovite Schist BMS zone with 3-4% asp, po and py.	1005728	376.52	378.00	1.48	0.06		1.00	16.00	55.00
			1005729	378.00	379.52	1.52	0.04		1.00	24.00	75.00
			1005731	379.52	381.00	1.48	0.06		1.00	33.00	88.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005587	142.45	143.95	0.0730		0.5000	87.0000	142.0000
1005588	143.95	144.95	3.1840		3.0000	1022.0000	2010.0000
1005589	144.95	146.04	1.2740		0.5000	1445.0000	1728.0000
1005591	146.04	147.04	0.8290		2.0000	577.0000	1363.0000
1005592	147.04	147.96	0.0830		2.0000	120.0000	441.0000
1005593	147.96	148.96	0.2300		5.0000	2258.0000	1684.0000
1005594	148.96	150.00	0.0610		1.0000	212.0000	589.0000
1005595	150.00	151.30	0.0390		1.0000	27.0000	40.0000

Hole Number: TL11182

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005596	151.30	152.75	0.3080		12.0000	835.0000	427.0000
1005597	152.75	154.29	0.1380		2.0000	216.0000	521.0000
1005598	215.93	216.93	0.0500		0.5000	17.0000	93.0000
1005599	216.93	217.93	0.0820		0.5000	25.0000	163.0000
1005601	217.93	218.93	0.2460		20.0000	600.0000	22704.0000
1005602	218.93	219.90	0.1640		2.0000	88.0000	182.0000
1005603	219.90	220.90	0.0640		1.0000	38.0000	204.0000
1005604	220.90	221.88	0.9530		1.0000	32.0000	91.0000
1005605	221.88	222.88	0.0240		0.5000	21.0000	64.0000
1005607	222.88	223.98	0.4690		2.0000	59.0000	909.0000
1005608	223.98	225.25	0.1240		1.0000	25.0000	1392.0000
1005609	240.40	242.07	0.0370		1.0000	17.0000	100.0000
1005611	242.07	243.07	0.0260		1.0000	77.0000	124.0000
1005612	243.07	244.07	0.0270		2.0000	43.0000	137.0000
1005613	244.07	245.07	0.0390		0.5000	21.0000	164.0000
1005614	245.07	246.11	0.0340		0.5000	21.0000	66.0000
1005615	246.11	247.11	0.0230		0.5000	17.0000	89.0000
1005616	247.11	248.11	0.0270		1.0000	25.0000	89.0000
1005617	248.11	249.09	0.0280		1.0000	20.0000	69.0000
1005618	249.09	250.40	0.1350		1.0000	26.0000	128.0000
1005619	250.40	251.43	0.7860		3.0000	131.0000	157.0000
1005621	251.43	252.43	0.1830		1.0000	42.0000	87.0000
1005622	252.43	253.34	0.8780		9.0000	82.0000	183.0000
1005623	253.34	254.34	2.5420		5.0000	445.0000	1060.0000
1005624	254.34	255.34	0.6590		2.0000	225.0000	345.0000
1005625	255.34	256.34	0.1300		2.0000	42.0000	149.0000
1005627	256.34	257.54	0.0270		1.0000	27.0000	47.0000
1005628	257.54	258.54	0.3500		1.0000	46.0000	120.0000
1005629	258.54	259.54	0.1040		1.0000	43.0000	114.0000
1005631	259.54	260.61	0.4230		2.0000	651.0000	1042.0000
1005632	260.61	261.76	0.5820		1.0000	205.0000	462.0000
1005633	261.76	262.76	2.3270		0.5000	69.0000	110.0000
1005634	262.76	263.81	0.5330		2.0000	524.0000	1618.0000
1005635	263.81	264.81	2.0850		2.0000	734.0000	838.0000
1005636	264.81	265.77	0.4930		3.0000	2105.0000	2985.0000
1005637	265.77	266.77	0.1950		1.0000	906.0000	1909.0000
1005638	266.77	267.77	0.8690		3.0000	1577.0000	2357.0000
1005639	267.77	268.83	0.1810		3.0000	937.0000	681.0000
1005641	268.83	269.83	0.3320		4.0000	924.0000	1042.0000

Hole Number: TL11182

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005642	269.83	270.83	0.1440		1.0000	176.0000	337.0000
1005643	270.83	271.93	0.3310		2.0000	743.0000	1728.0000
1005644	271.93	272.93	1.1410		8.0000	3490.0000	12988.0000
1005645	272.93	273.88	0.2070		1.0000	147.0000	230.0000
1005647	273.88	274.80	0.3890		0.5000	16.0000	75.0000
1005648	274.80	275.80	0.3110		0.5000	9.0000	48.0000
1005649	275.80	276.80	0.5520		1.0000	126.0000	84.0000
1005651	276.80	277.75	0.1140		0.5000	64.0000	75.0000
1005652	277.75	278.75	0.6650		2.0000	439.0000	428.0000
1005653	278.75	279.75	0.1670		0.5000	49.0000	160.0000
1005654	279.75	280.86	0.1260		0.5000	27.0000	68.0000
1005655	280.86	281.47	0.1100		0.5000	45.0000	73.0000
1005656	281.47	282.47	0.1090		0.5000	171.0000	58.0000
1005657	282.47	283.43	0.3920		2.0000	475.0000	832.0000
1005658	283.43	284.43	0.5220		5.0000	1982.0000	3310.0000
1005659	284.43	285.52	0.1370		2.0000	349.0000	289.0000
1005661	285.52	286.47	0.0820		2.0000	110.0000	445.0000
1005662	286.47	287.61	1.1130		2.0000	182.0000	1038.0000
1005663	287.61	288.75	0.0900		0.5000	28.0000	72.0000
1005664	288.75	289.81	0.1400		1.0000	22.0000	117.0000
1005665	289.81	290.81	0.0540		0.5000	37.0000	79.0000
1005667	290.81	291.38	0.2050		2.0000	201.0000	1463.0000
1005668	291.38	291.88	0.0460		0.5000	20.0000	162.0000
1005669	291.88	292.84	0.1600		1.0000	79.0000	86.0000
1005671	292.84	293.84	0.2320		1.0000	53.0000	99.0000
1005672	293.84	294.84	0.2540		1.0000	68.0000	139.0000
1005673	294.84	295.92	0.1820		1.0000	96.0000	325.0000
1005674	295.92	296.92	0.1660		6.0000	1495.0000	5758.0000
1005675	296.92	297.92	0.0540		1.0000	255.0000	1000.0000
1005676	297.92	298.92	0.0280		0.5000	39.0000	72.0000
1005677	298.92	299.92	0.0420		2.0000	456.0000	1425.0000
1005678	299.92	300.70	0.0170		0.5000	73.0000	229.0000
1005679	300.70	301.68	0.0130		1.0000	198.0000	436.0000
1005681	301.68	302.59	0.0980		1.0000	52.0000	85.0000
1005682	302.59	303.82	0.0340		2.0000	35.0000	175.0000
1005683	303.82	304.54	0.0950		0.5000	74.0000	90.0000
1005684	304.54	305.54	0.1070		5.0000	769.0000	3304.0000
1005685	305.54	306.32	0.0400		0.5000	84.0000	121.0000
1005687	306.32	307.32	0.0450		1.0000	366.0000	897.0000

Hole Number: TL11182

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005688	307.32	308.25	0.0640		0.5000	98.0000	175.0000
1005689	308.25	309.25	0.1610		1.0000	98.0000	557.0000
1005691	309.25	310.25	0.0670		0.5000	44.0000	266.0000
1005692	310.25	311.37	0.0420		0.5000	11.0000	29.0000
1005693	311.37	312.00	0.0210		0.5000	34.0000	81.0000
1005694	312.00	312.60	0.0350		1.0000	21.0000	113.0000
1005695	312.60	313.60	0.0300		1.0000	20.0000	85.0000
1005696	313.60	314.15	0.0350		1.0000	24.0000	167.0000
1005697	314.15	315.65	0.0260		0.5000	14.0000	76.0000
1005698	330.23	331.73	0.0240		0.5000	22.0000	39.0000
1005699	331.73	332.70	0.0390		0.5000	9.0000	19.0000
1005701	332.70	333.49	0.0210		0.5000	10.0000	22.0000
1005702	333.49	334.24	0.4890		0.5000	45.0000	231.0000
1005703	334.24	335.32	0.3920		0.5000	93.0000	833.0000
1005704	335.32	336.57	0.0160		0.5000	7.0000	21.0000
1005705	336.57	337.66	0.0160		0.5000	12.0000	24.0000
1005707	337.66	338.74	0.0410		1.0000	196.0000	1209.0000
1005708	338.74	339.34	0.0080		0.5000	13.0000	52.0000
1005709	339.34	340.34	0.0210		2.0000	424.0000	1483.0000
1005711	340.34	341.10	0.0180		0.5000	21.0000	61.0000
1005712	341.10	341.88	0.2200		0.5000	51.0000	93.0000
1005713	341.88	342.61	0.0570		0.5000	51.0000	81.0000
1005714	342.61	343.49	0.2140		1.0000	53.0000	86.0000
1005715	343.49	344.57	0.2120		0.5000	120.0000	191.0000
1005716	344.57	345.60	0.1630		0.5000	29.0000	222.0000
1005717	345.60	346.63	0.7400		5.0000	457.0000	2880.0000
1005718	346.63	347.63	0.4650		2.0000	134.0000	137.0000
1005719	347.63	348.61	0.1940		1.0000	54.0000	306.0000
1005721	348.61	350.11	0.0370		0.5000	53.0000	155.0000
1005722	370.97	372.46	0.0250		1.0000	22.0000	71.0000
1005723	372.46	373.50	1.4140		6.0000	97.0000	430.0000
1005724	373.50	374.50	0.2000		2.0000	30.0000	74.0000
1005725	374.50	375.50	0.0190		1.0000	21.0000	82.0000
1005727	375.50	376.52	0.0360		2.0000	29.0000	102.0000
1005728	376.52	378.00	0.0570		1.0000	16.0000	55.0000
1005729	378.00	379.52	0.0410		1.0000	24.0000	75.0000
1005731	379.52	381.00	0.0630		1.0000	33.0000	88.0000
Sample Type	CDUP						
1005606	221.88	222.88	0.0490		0.5000	23.0000	60.0000



Hole Number: TL11182

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type CDUP							
1005626	255.34	256.34	0.1510		2.0000	43.0000	157.0000
1005646	272.93	273.88	0.0410		1.0000	122.0000	171.0000
1005666	289.81	290.81	0.0490		0.5000	23.0000	86.0000
1005686	305.54	306.32	0.0260		0.5000	87.0000	78.0000
1005706	336.57	337.66	0.0130		0.5000	10.0000	28.0000
1005726	374.50	375.50	0.0270		1.0000	23.0000	146.0000

# DETAILED LOG

Hole Number: TL11183

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -70.00
Project Number: TMI-TL	North: 5511714.36	North:	Collar Az: 350.00
Location: Zealand Township	East: 528026.31	East:	Length: 510.00
	Elev: 397.49	Elev:	Start Depth: 0.00
Date Started: May 25, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jun 03, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 510.00

Comments: MSS main zone from 372.11-404.88m. Sericite alteration varies from moderate to very strong. From 372.11-373.66 m py 6-7% and trace sph. From 373.66-373.96m cp and galena 4-5%, 7% sph and 15% py. Microbleb of gold at 373.81 m (picture included in mineralization). From 372.11-373.66 m py 6-7% and trace sph. From 373.96-387.74 trace sph and 8-9% py. 387.88-404.88m 1% asp, trace sph and 7-8% py. MSS C-zone from 420-429.82 m with moderate to very strong sericitization. 2 fault zones and one fold present. 2-3% asp and 4-5% py.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	350.00	-70.00	EZ SHC	OK		15.00	350.60	-69.80	EZ SHC	OK	
51.00	350.30	-68.30	EZ SHC	OK		102.00	350.70	-67.10	EZ SHC	OK	
153.00	349.80	-66.70	EZ SHC	OK		201.00	351.70	-65.90	EZ SHC	OK	
252.00	353.40	-64.80	EZ SHC	OK		300.00	353.40	-64.00	EZ SHC	OK	
351.00	352.20	-62.80	EZ SHC	OK		402.00	352.00	-61.20	EZ SHC	OK	
450.00	353.00	-59.60	EZ SHC	OK		501.00	352.10	-57.20	EZ SHC	OK	
510.00	353.40	-57.20	EZ SHC	OK	COMPLETED						

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	3.00	OB, Overburden									
3.00	161.51	BMS, Biotite Muscovite Schist Typical BMS interval. Two faults and one microshear present. Trace to 1% py, and trace po and sph.									
161.51	161.80	MD, Mafic Dyke Mafic dyke w/ 7-8% py.									
161.80	237.14	BMS, Biotite Muscovite Schist	1075625	234.00	235.50	1.50	0.04		2.00	38.00	228.00
			1075626	234.00	235.50	1.50	0.03		2.00	30.00	192.00
			1075627	235.50	237.14	1.64	0.04		1.00	32.00	212.00

## DETAILED LOG

Hole Number: TL11183

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
237.14	249.30	MSS, Muscovite Sericite Schist Moderate to very strongly sericitized MSS hanging wall. 4-5% py and trace po and sph.	1075628	237.14	238.57	1.43	0.01		0.50	11.00	26.00
			1075629	238.57	240.00	1.43	0.02		0.50	6.00	12.00
			1075631	240.00	241.37	1.37	0.02		1.00	111.00	73.00
			1075632	241.37	242.35	0.98	0.05		0.50	15.00	35.00
			1075633	242.35	243.30	0.95	0.02		0.50	12.00	50.00
			1075634	243.30	244.80	1.50	0.10		0.50	10.00	55.00
			1075635	244.80	246.30	1.50	0.04		0.50	8.00	49.00
			1075636	246.30	247.80	1.50	0.03		0.50	61.00	243.00
			1075637	247.80	249.30	1.50	0.02		0.50	15.00	67.00
249.30	286.87	BMS, Biotite Muscovite Schist BMS zone. Patchy sericitization with strong sections in areas of abundant fracturing and strong faulting. 5 fault zones and 2 folds. 8-9% py, and trace sph, asp, and po.	1075638	249.30	250.80	1.50	0.02		0.50	10.00	41.00
			1075639	285.64	286.87	1.23	0.02		0.50	87.00	188.00
286.87	293.00	MSS, Muscovite Sericite Schist Small MSS zone with patchy strong to very strong sericitization. Two weak folds and one weak fault. 7-8% py and 2-3% asp.	1075641	286.87	288.00	1.13	0.05		0.50	55.00	110.00
			1075642	288.00	288.93	0.93	0.03		1.00	29.00	63.00
			1075643	288.93	290.09	1.16	0.13		3.00	32.00	51.00
			1075644	290.09	291.00	0.91	0.14		6.00	21.00	285.00
			1075646	291.00	292.00	1.00	0.01		1.00	13.00	69.00
			1075645	291.00	292.00	1.00	0.02		1.00	10.00	67.00
			1075647	292.00	293.00	1.00	0.01		0.50	14.00	68.00
293.00	306.89	BMS, Biotite Muscovite Schist	1075648	293.00	294.00	1.00	0.75		1.00	25.00	115.00
			1075649	305.39	306.89	1.50	0.07		1.00	32.00	95.00
306.89	327.15	MSS, Muscovite Sericite Schist MSS zone with 9-10% py and trace sph and asp. 2 folds and 1 microshear present. Overall ser altn is ver strong with a weakly altered section in the middle.	1075651	306.89	308.09	1.20	0.05		2.00	92.00	158.00
			1075652	308.09	309.50	1.41	0.07		1.00	72.00	275.00
			1075653	309.50	310.74	1.24	0.16		4.00	426.00	857.00
			1075654	310.74	312.24	1.50	0.16		2.00	38.00	115.00
			1075655	312.24	313.65	1.41	0.02		1.00	21.00	66.00
			1075656	313.65	315.16	1.51	0.01		0.50	17.00	48.00
			1075657	315.16	316.79	1.63	0.01		0.50	15.00	123.00
			1075658	316.79	318.29	1.50	0.06		2.00	15.00	80.00
			1075659	318.29	319.79	1.50	0.02		0.50	13.00	95.00
			1075661	319.79	321.29	1.50	0.02		0.50	17.00	168.00
			1075662	321.29	322.79	1.50	0.02		0.50	11.00	42.00
			1075663	322.79	323.75	0.96	0.01		0.50	17.00	67.00
			1075664	323.75	324.93	1.18	0.02		1.00	13.00	68.00
			1075666	324.93	325.86	0.93	0.03		1.00	20.00	96.00
1075665	324.93	325.86	0.93	0.03		0.50	15.00	98.00			
1075667	325.86	327.15	1.29	0.02		0.50	25.00	320.00			
327.15	339.48	BMS, Biotite Muscovite Schist Typical BMS interval. Patchy, weak sericitization and one weak fold. 6-7% py, 1-2% asp and trace sph.	1075668	327.15	328.67	1.52	0.20		0.50	38.00	188.00
			1075669	338.48	339.48	1.00	0.04		1.00	17.00	51.00

Hole Number: TL11183

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
339.48	350.56	MSS, Muscovite Sericite Schist	1075671	339.48	340.28	0.80	0.02		0.50	29.00	52.00
		Very strongly sericitized MSS interval. 3-4% galena, 5-6% sph and 8-9% py over entire interval. 3-4% po from 349.03-349.25 m. 2% cp from 349.51-349.59 m and 6% asp from 349.51-349.59 m. One microshear and one parasitic fold.	1075672	340.28	341.24	0.96	0.05		1.00	23.00	103.00
			1075673	341.24	341.89	0.65	0.04		0.50	24.00	78.00
			1075674	341.89	342.85	0.96	0.05		0.50	28.00	58.00
			1075675	342.85	343.85	1.00	0.14		3.00	478.00	905.00
			1075676	343.85	344.85	1.00	0.16		3.00	354.00	434.00
			1075677	344.85	345.85	1.00	0.05		1.00	42.00	54.00
			1075678	345.85	346.89	1.04	0.12		3.00	65.00	129.00
			1075679	346.89	347.89	1.00	0.01		1.00	39.00	63.00
			1075681	347.89	348.56	0.67	0.02		1.00	34.00	64.00
	1075682	348.56	349.51	0.95	0.02		1.00	62.00	181.00		
	1075683	349.51	350.56	1.05	0.23		10.00	1986.00	7194.00		
350.56	372.11	BMS, Biotite Muscovite Schist	1075684	350.56	352.10	1.54	0.06		1.00	75.00	205.00
		BMS interval with very weak to locally very strong sericitization in areas of abundant fracturing. 5-6% py and asp with 1-2% sph.	1075685	370.69	372.11	1.42	0.06		2.00	35.00	80.00
			1075686	370.69	372.11	1.42	0.04		1.00	40.00	74.00

## DETAILED LOG

Hole Number: TL11183

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
372.11	404.88	MSS, Muscovite Sericite Schist	1075687	372.11	372.81	0.70	0.43		3.00	155.00	423.00
		MSS main zone. 4 folds, 1 microshear and 1 weak fault zone present. Sericite alteration varies from moderate to very strong. Moderate to strong silicification. From 372.11-373.66 m py 6-7% and trace sph. From 373.66-373.96m cp and galena 4-5%, 7% sph and 15% py. Microbleb of gold at 373.81 m. From 372.11-373.66 m py 6-7% and trace sph. From 373.96-387.74 trace sph and 8-9% py. 387.88-404.88m 1% asp, trace sph and 7-8% py.	1075688	372.81	373.51	0.70	0.67		2.00	116.00	809.00
			1075689	373.51	374.51	1.00	6.77	5.79	13.00	1256.00	9569.00
			1075691	374.51	375.09	0.58	0.81		5.00	203.00	438.00
			1075692	375.09	375.83	0.74	0.76		2.00	47.00	86.00
			1075693	375.83	376.83	1.00	0.10		1.00	34.00	77.00
			1075694	376.83	377.83	1.00	0.21		2.00	35.00	98.00
			1075695	377.83	378.83	1.00	0.20		2.00	46.00	134.00
			1075696	378.83	379.83	1.00	3.02		4.00	373.00	1341.00
			1075697	379.83	380.83	1.00	0.55		1.00	89.00	138.00
			1075698	380.83	381.83	1.00	0.05		1.00	108.00	280.00
			1075699	381.83	382.83	1.00	0.33		2.00	123.00	225.00
			1075701	382.83	383.73	0.90	0.04		1.00	24.00	97.00
			1075702	383.73	384.52	0.79	0.06		1.00	31.00	99.00
			1075703	384.52	385.52	1.00	0.18		2.00	55.00	84.00
			1075704	385.52	386.60	1.08	0.04		2.00	44.00	69.00
			1075706	386.60	387.60	1.00	0.13		2.00	42.00	96.00
			1075705	386.60	387.60	1.00	0.92		2.00	33.00	97.00
			1075707	387.60	388.60	1.00	4.94		39.00	955.00	3391.00
			1075708	388.60	389.81	1.21	0.19		1.00	37.00	88.00
			1075709	389.81	390.81	1.00	0.13		2.00	156.00	140.00
			1075711	390.81	391.81	1.00	0.04		1.00	60.00	186.00
			1075712	391.81	392.75	0.94	0.05		1.00	72.00	217.00
			1075713	392.75	393.75	1.00	0.04		1.00	16.00	44.00
			1075714	393.75	394.70	0.95	0.05		0.50	25.00	41.00
			1075715	394.70	395.59	0.89	0.01		1.00	14.00	61.00
			1075716	395.59	396.69	1.10	0.01		2.00	31.00	130.00
			1075717	396.69	397.64	0.95	0.01		1.00	16.00	52.00
			1075718	397.64	398.72	1.08	0.02		2.00	23.00	63.00
			1075719	398.72	399.72	1.00	0.01		2.00	17.00	66.00
			1075721	399.72	400.72	1.00	0.02		2.00	18.00	78.00
			1075722	400.72	401.62	0.90	0.01		1.00	15.00	50.00
			1075723	401.62	402.62	1.00	0.01		1.00	35.00	73.00
			1075724	402.62	403.70	1.08	0.16		2.00	22.00	98.00
			1075725	403.70	404.88	1.18	0.16		2.00	31.00	96.00
			1075726	403.70	404.88	1.18	0.15		2.00	45.00	105.00
404.88	408.74	BMS, Biotite Muscovite Schist	1075727	404.88	405.88	1.00	0.03		1.00	31.00	65.00
		Typical BMS interval with weak sericitization and 4% diss py.	1075728	405.88	406.38	0.50	0.02		0.50	13.00	53.00
			1075729	406.38	407.75	1.37	0.20		2.00	10.00	37.00
			1075731	407.75	408.75	1.00	0.02		0.50	16.00	33.00

# DETAILED LOG

Hole Number: TL11183

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
408.74	413.39	MSS, Muscovite Sericite Schist Strongly sericitized MSS zone. Two folds. 4% py, 1-2% asp and trace sph.	1075732	408.75	409.64	0.89	0.03		1.00	29.00	99.00
			1075733	409.64	410.61	0.97	0.08		2.00	32.00	293.00
			1075734	410.61	411.58	0.97	0.02		2.00	35.00	69.00
			1075735	411.58	412.58	1.00	0.03		2.00	32.00	98.00
			1075736	412.58	413.39	0.81	0.03		1.00	47.00	54.00
413.39	420.00	BMS, Biotite Muscovite Schist Typical BMS interval. Weak sericitization. 5-6% py and 6-7% asp.	1075737	413.39	414.89	1.50	0.01		2.00	26.00	78.00
			1075738	414.89	415.66	0.77	0.01		1.00	18.00	51.00
			1075739	415.66	417.00	1.34	0.01		1.00	8.00	36.00
			1075741	417.00	418.46	1.46	0.01		1.00	16.00	38.00
			1075742	418.46	420.00	1.54	0.01		2.00	12.00	54.00
420.00	429.82	MSS, Muscovite Sericite Schist MSS C-zone with moderate to very strong sericitization. 2 fault zones and one fold present. 2-3% asp and 4-5% py.	1075743	420.00	421.50	1.50	0.01		1.00	16.00	31.00
			1075744	421.50	422.90	1.40	0.01		0.50	9.00	33.00
			1075745	422.90	424.46	1.56	0.01		0.50	13.00	37.00
			1075746	422.90	424.46	1.56	0.01		0.50	13.00	35.00
			1075747	424.46	425.83	1.37	0.01		0.50	7.00	29.00
			1075748	425.83	427.33	1.50	0.02		1.00	6.00	26.00
			1075749	427.33	428.60	1.27	0.01		1.00	10.00	27.00
429.82	510.00	BMS, Biotite Muscovite Schist Typical BMS interval with very weak sericitization. One microfault and 3 folds present. 9-10% py, 6-7% asp, and 2-3% sph.	1075751	428.60	429.82	1.22	0.02		2.00	121.00	78.00
			1075752	429.82	431.32	1.50	0.02		2.00	38.00	91.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075625	234.00	235.50	0.0400		2.0000	38.0000	228.0000
1075627	235.50	237.14	0.0380		1.0000	32.0000	212.0000
1075628	237.14	238.57	0.0140		0.5000	11.0000	26.0000
1075629	238.57	240.00	0.0150		0.5000	6.0000	12.0000
1075631	240.00	241.37	0.0150		1.0000	111.0000	73.0000
1075632	241.37	242.35	0.0470		0.5000	15.0000	35.0000
1075633	242.35	243.30	0.0180		0.5000	12.0000	50.0000
1075634	243.30	244.80	0.1030		0.5000	10.0000	55.0000
1075635	244.80	246.30	0.0350		0.5000	8.0000	49.0000
1075636	246.30	247.80	0.0300		0.5000	61.0000	243.0000
1075637	247.80	249.30	0.0210		0.5000	15.0000	67.0000
1075638	249.30	250.80	0.0170		0.5000	10.0000	41.0000
1075639	285.64	286.87	0.0200		0.5000	87.0000	188.0000
1075641	286.87	288.00	0.0500		0.5000	55.0000	110.0000
1075642	288.00	288.93	0.0340		1.0000	29.0000	63.0000
1075643	288.93	290.09	0.1320		3.0000	32.0000	51.0000

Hole Number: TL11183

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075644	290.09	291.00	0.1390		6.0000	21.0000	285.0000
1075645	291.00	292.00	0.0160		1.0000	10.0000	67.0000
1075647	292.00	293.00	0.0110		0.5000	14.0000	68.0000
1075648	293.00	294.00	0.7520		1.0000	25.0000	115.0000
1075649	305.39	306.89	0.0680		1.0000	32.0000	95.0000
1075651	306.89	308.09	0.0530		2.0000	92.0000	158.0000
1075652	308.09	309.50	0.0690		1.0000	72.0000	275.0000
1075653	309.50	310.74	0.1620		4.0000	426.0000	857.0000
1075654	310.74	312.24	0.1600		2.0000	38.0000	115.0000
1075655	312.24	313.65	0.0160		1.0000	21.0000	66.0000
1075656	313.65	315.16	0.0090		0.5000	17.0000	48.0000
1075657	315.16	316.79	0.0120		0.5000	15.0000	123.0000
1075658	316.79	318.29	0.0570		2.0000	15.0000	80.0000
1075659	318.29	319.79	0.0170		0.5000	13.0000	95.0000
1075661	319.79	321.29	0.0160		0.5000	17.0000	168.0000
1075662	321.29	322.79	0.0200		0.5000	11.0000	42.0000
1075663	322.79	323.75	0.0130		0.5000	17.0000	67.0000
1075664	323.75	324.93	0.0160		1.0000	13.0000	68.0000
1075665	324.93	325.86	0.0290		0.5000	15.0000	98.0000
1075667	325.86	327.15	0.0190		0.5000	25.0000	320.0000
1075668	327.15	328.67	0.1980		0.5000	38.0000	188.0000
1075669	338.48	339.48	0.0390		1.0000	17.0000	51.0000
1075671	339.48	340.28	0.0240		0.5000	29.0000	52.0000
1075672	340.28	341.24	0.0530		1.0000	23.0000	103.0000
1075673	341.24	341.89	0.0410		0.5000	24.0000	78.0000
1075674	341.89	342.85	0.0490		0.5000	28.0000	58.0000
1075675	342.85	343.85	0.1360		3.0000	478.0000	905.0000
1075676	343.85	344.85	0.1610		3.0000	354.0000	434.0000
1075677	344.85	345.85	0.0460		1.0000	42.0000	54.0000
1075678	345.85	346.89	0.1180		3.0000	65.0000	129.0000
1075679	346.89	347.89	0.0120		1.0000	39.0000	63.0000
1075681	347.89	348.56	0.0150		1.0000	34.0000	64.0000
1075682	348.56	349.51	0.0180		1.0000	62.0000	181.0000
1075683	349.51	350.56	0.2280		10.0000	1986.0000	7194.0000
1075684	350.56	352.10	0.0560		1.0000	75.0000	205.0000
1075685	370.69	372.11	0.0600		2.0000	35.0000	80.0000
1075687	372.11	372.81	0.4280		3.0000	155.0000	423.0000
1075688	372.81	373.51	0.6690		2.0000	116.0000	809.0000
1075689	373.51	374.51	6.7700	5.7910	13.0000	1256.0000	9569.0000

Hole Number: TL11183

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075691	374.51	375.09	0.8070		5.0000	203.0000	438.0000
1075692	375.09	375.83	0.7630		2.0000	47.0000	86.0000
1075693	375.83	376.83	0.0970		1.0000	34.0000	77.0000
1075694	376.83	377.83	0.2100		2.0000	35.0000	98.0000
1075695	377.83	378.83	0.2000		2.0000	46.0000	134.0000
1075696	378.83	379.83	3.0220		4.0000	373.0000	1341.0000
1075697	379.83	380.83	0.5520		1.0000	89.0000	138.0000
1075698	380.83	381.83	0.0460		1.0000	108.0000	280.0000
1075699	381.83	382.83	0.3250		2.0000	123.0000	225.0000
1075701	382.83	383.73	0.0370		1.0000	24.0000	97.0000
1075702	383.73	384.52	0.0580		1.0000	31.0000	99.0000
1075703	384.52	385.52	0.1750		2.0000	55.0000	84.0000
1075704	385.52	386.60	0.0440		2.0000	44.0000	69.0000
1075705	386.60	387.60	0.9200		2.0000	33.0000	97.0000
1075707	387.60	388.60	4.9410		39.0000	955.0000	3391.0000
1075708	388.60	389.81	0.1870		1.0000	37.0000	88.0000
1075709	389.81	390.81	0.1300		2.0000	156.0000	140.0000
1075711	390.81	391.81	0.0430		1.0000	60.0000	186.0000
1075712	391.81	392.75	0.0520		1.0000	72.0000	217.0000
1075713	392.75	393.75	0.0360		1.0000	16.0000	44.0000
1075714	393.75	394.70	0.0480		0.5000	25.0000	41.0000
1075715	394.70	395.59	0.0130		1.0000	14.0000	61.0000
1075716	395.59	396.69	0.0100		2.0000	31.0000	130.0000
1075717	396.69	397.64	0.0070		1.0000	16.0000	52.0000
1075718	397.64	398.72	0.0150		2.0000	23.0000	63.0000
1075719	398.72	399.72	0.0070		2.0000	17.0000	66.0000
1075721	399.72	400.72	0.0200		2.0000	18.0000	78.0000
1075722	400.72	401.62	0.0060		1.0000	15.0000	50.0000
1075723	401.62	402.62	0.0100		1.0000	35.0000	73.0000
1075724	402.62	403.70	0.1560		2.0000	22.0000	98.0000
1075725	403.70	404.88	0.1570		2.0000	31.0000	96.0000
1075727	404.88	405.88	0.0260		1.0000	31.0000	65.0000
1075728	405.88	406.38	0.0170		0.5000	13.0000	53.0000
1075729	406.38	407.75	0.2040		2.0000	10.0000	37.0000
1075731	407.75	408.75	0.0190		0.5000	16.0000	33.0000
1075732	408.75	409.64	0.0340		1.0000	29.0000	99.0000
1075733	409.64	410.61	0.0810		2.0000	32.0000	293.0000
1075734	410.61	411.58	0.0200		2.0000	35.0000	69.0000
1075735	411.58	412.58	0.0270		2.0000	32.0000	98.0000



Hole Number: TL11183

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075736	412.58	413.39	0.0300		1.0000	47.0000	54.0000
1075737	413.39	414.89	0.0120		2.0000	26.0000	78.0000
1075738	414.89	415.66	0.0080		1.0000	18.0000	51.0000
1075739	415.66	417.00	0.0070		1.0000	8.0000	36.0000
1075741	417.00	418.46	0.0080		1.0000	16.0000	38.0000
1075742	418.46	420.00	0.0140		2.0000	12.0000	54.0000
1075743	420.00	421.50	0.0080		1.0000	16.0000	31.0000
1075744	421.50	422.90	0.0070		0.5000	9.0000	33.0000
1075745	422.90	424.46	0.0070		0.5000	13.0000	37.0000
1075747	424.46	425.83	0.0060		0.5000	7.0000	29.0000
1075748	425.83	427.33	0.0150		1.0000	6.0000	26.0000
1075749	427.33	428.60	0.0090		1.0000	10.0000	27.0000
1075751	428.60	429.82	0.0190		2.0000	121.0000	78.0000
1075752	429.82	431.32	0.0190		2.0000	38.0000	91.0000
Sample Type	CDUP						
1075626	234.00	235.50	0.0330		2.0000	30.0000	192.0000
1075646	291.00	292.00	0.0060		1.0000	13.0000	69.0000
1075666	324.93	325.86	0.0270		1.0000	20.0000	96.0000
1075686	370.69	372.11	0.0380		1.0000	40.0000	74.0000
1075706	386.60	387.60	0.1320		2.0000	42.0000	96.0000
1075726	403.70	404.88	0.1540		2.0000	45.0000	105.0000
1075746	422.90	424.46	0.0080		0.5000	13.0000	35.0000

# DETAILED LOG

Hole Number: TL11184

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -70.00
Project Number: TMI-TL	North: 5511738.25	North:	Collar Az: 355.00
Location: Zealand Township	East: 527234.78	East:	Length: 294.00
	Elev: 402.32	Elev:	Start Depth: 0.00
Date Started: Jun 26, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jun 27, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 294.00

Comments: Main Zone at 158.03-183.55m. C-Zone at 252.9-257.26m.  
 Mineralized Hangingwall MSS at 136.36-144.76m. With 5%py, 1-2%sph and trace gln from 137.25-141m.  
 Best samples in Main zone are from 164.85-165.05 (2-3%py, 1%sph, trace cpy/gln) and 171.2-178.5 (2-3%py, 2%sph, 1%gln, trace cpy).  
 C-Zone contains 2-3%py, 1%sph and trace gln.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	358.00	-70.50	EZ Sho	OK		12.00	358.20	-70.40	EZ Sho	OK	
51.00	359.10	-70.20	EZ Sho	OK		102.00	1.20	-69.60	EZ Sho	OK	
153.00	2.70	-68.10	EZ Sho	OK		156.00	2.70	-68.10	EZ Sho	OK	
201.00	3.70	-65.90	EZ Sho	OK		204.00	3.70	-65.90	EZ Sho	OK	
255.00	3.80	-64.40	EZ Sho	OK		258.00	3.80	-64.40	EZ Sho	OK	
288.00	4.20	-64.00	EZ Sho	OK		291.00	3.50	-64.10	EZ Sho	OK	
294.00	3.50	-64.10	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	0.90	OB, Overburden									
0.90	13.82	MSS, Muscovite Sericite Schist Hangingwall MSS zone, very strongly ser and sil with trace py.	1005732	0.90	2.00	1.10	0.02		0.50	49.00	100.0
			1005733	2.00	3.00	1.00	0.02		0.50	35.00	61.0
			1005734	3.00	4.18	1.18	0.03		0.50	34.00	106.0
			1005735	4.18	5.64	1.46	0.01		0.50	43.00	83.0
			1005736	5.64	6.53	0.89	0.01		0.50	32.00	61.0
			1005737	6.53	7.50	0.97	0.01		0.50	51.00	96.0
			1005738	7.50	8.50	1.00	0.01		0.50	37.00	68.0
			1005739	8.50	9.50	1.00	0.01		0.50	16.00	32.0
			1005741	9.50	10.50	1.00	0.02		0.50	16.00	48.0
			1005742	10.50	11.60	1.10	0.03		0.50	30.00	92.0
			1005743	11.60	12.71	1.11	0.06		0.50	36.00	87.0
			1005744	12.71	13.82	1.11	0.01		0.50	23.00	32.0

## DETAILED LOG

Hole Number: TL11184

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
13.82	136.36	BMS, Biotite Muscovite Schist Hangingwall BMS zone. Very weakly to weakly ser, with 1-2% py, trace po and trace sph (2%sph and 1-2% po from 93-96m).	1005746	13.82	15.32	1.50	0.02		0.50	31.00	110.00
			1005745	13.82	15.32	1.50	0.02		0.50	30.00	85.00
			1005747	15.32	16.82	1.50	0.01		0.50	15.00	78.00
			1005748	91.50	93.00	1.50	0.35		0.50	23.00	120.00
			1005749	93.00	94.00	1.00	1.62		5.00	269.00	1058.00
			1005751	94.00	95.00	1.00	1.01		6.00	216.00	1420.00
			1005752	95.00	96.00	1.00	0.07		2.00	71.00	150.00
			1005753	96.00	97.50	1.50	0.05		1.00	27.00	151.00
			1005754	131.86	133.36	1.50	0.03		0.50	9.00	295.00
			1005755	133.36	134.86	1.50	0.02		0.50	10.00	55.00
		1005756	134.86	136.36	1.50	0.03		0.50	21.00	79.00	
136.36	144.73	MSS, Muscovite Sericite Schist Very strongly ser MSS "pre-main zone". 7%py, 1-2%sph and trace gln from 137.25-141m. Rest contains 1-2% py.	1005757	136.36	137.25	0.89	2.91		0.50	18.00	44.00
			1005758	137.25	138.25	1.00	2.89		3.00	533.00	1405.00
			1005759	138.25	139.10	0.85	3.90		6.00	935.00	4099.00
			1005761	139.10	140.00	0.90	2.23		5.00	541.00	1738.00
			1005762	140.00	141.00	1.00	0.70		3.00	308.00	2696.00
			1005763	141.00	142.30	1.30	0.22		3.00	43.00	127.00
			1005764	142.30	143.60	1.30	0.05		1.00	19.00	41.00
			1005766	143.60	144.73	1.13	0.44		2.00	102.00	487.00
			1005765	143.60	144.73	1.13	0.65		2.00	164.00	506.00
144.73	158.03	BMS, Biotite Muscovite Schist BMS zone, very weakly ser and mod brown sil/and. With trace-1% py and trace sph.	1005767	144.73	146.23	1.50	0.19		0.50	47.00	134.00
			1005768	146.23	147.73	1.50	0.13		0.50	32.00	114.00
			1005769	147.73	149.23	1.50	0.15		0.50	45.00	123.00
			1005771	149.23	150.73	1.50	0.04		0.50	156.00	253.00
			1005772	150.73	152.23	1.50	1.26		2.00	253.00	318.00
			1005773	152.23	153.73	1.50	0.28		2.00	579.00	208.00
			1005774	153.73	155.23	1.50	0.10		0.50	82.00	90.00
			1005775	155.23	156.00	0.77	0.38		5.00	1376.00	1886.00
			1005776	156.00	157.00	1.00	0.23		3.00	912.00	1525.00
		1005777	157.00	158.03	1.03	0.28		1.00	503.00	772.00	

## DETAILED LOG

Hole Number: TL11184

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
158.03	183.55	MSS, Muscovite Sericite Schist MSS Main zone, very strongly ser with alteration break from 168.7-171.2m. Overall trace-2% py and trace-2% sph (164.85-165.05: 3%py, 2%sph and trace gln/cpy; 171.2-178.5: 2%py, 1-2%sph, 1%gln and trace cpy)	1005778	158.03	159.00	0.97	0.77		0.50	121.00	446.00
			1005779	159.00	160.00	1.00	0.23		0.50	147.00	415.00
			1005781	160.00	161.00	1.00	0.51		1.00	227.00	526.00
			1005782	161.00	162.50	1.50	0.51		0.50	71.00	122.00
			1005783	162.50	163.68	1.18	1.05		1.00	184.00	404.00
			1005784	163.68	164.68	1.00	0.15		0.50	82.00	158.00
			1005785	164.68	165.18	0.50	0.94		11.00	3893.00	4664.00
			1005786	164.68	165.18	0.50	1.32		9.00	3017.00	3924.00
			1005787	165.18	166.65	1.47	0.08		0.50	108.00	193.00
			1005788	166.65	167.65	1.00	0.10		0.50	55.00	82.00
			1005789	167.65	168.65	1.00	0.09		0.50	89.00	119.00
			1005791	168.65	170.15	1.50	0.20		1.00	129.00	128.00
			1005792	170.15	171.20	1.05	0.30		2.00	101.00	370.00
			1005793	171.20	172.40	1.20	0.07		1.00	282.00	873.00
			1005794	172.40	173.40	1.00	0.11		1.00	193.00	276.00
			1005795	173.40	174.40	1.00	0.39		6.00	1261.00	2615.00
			1005796	174.40	175.40	1.00	0.40		2.00	180.00	392.00
			1005797	175.40	176.40	1.00	0.37		3.00	383.00	1291.00
			1005798	176.40	177.70	1.30	0.29		2.00	195.00	228.00
			1005799	177.70	178.37	0.67	0.28		36.00	8147.00	13479.00
1005801	178.37	179.37	1.00	0.47		2.00	207.00	333.00			
1005802	179.37	180.37	1.00	0.15		2.00	59.00	96.00			
1005803	180.37	181.37	1.00	0.10		1.00	78.00	108.00			
1005804	181.37	182.37	1.00	0.29		0.50	26.00	56.00			
1005806	182.37	183.55	1.18	0.05		0.50	14.00	37.00			
1005805	182.37	183.55	1.18	0.05		0.50	14.00	36.00			
183.55	252.90	BMS, Biotite Muscovite Schist Very weakly ser BMS, with 1-2% py and trace sph/gln.	1005807	183.55	185.05	1.50	0.15		1.00	24.00	96.00
			1005808	185.05	186.55	1.50	0.21		1.00	47.00	93.00
			1005809	186.55	188.05	1.50	0.19		2.00	54.00	105.00
			1005811	249.90	251.40	1.50	0.14		2.00	208.00	516.00
			1005812	251.40	252.90	1.50	0.07		0.50	32.00	67.00
252.90	257.26	MSS, Muscovite Sericite Schist Very strongly ser MSS C-zone with 2-3%py, 1%sph and trace gln.	1005813	252.90	254.20	1.30	0.09		0.50	43.00	63.00
			1005814	254.20	255.13	0.93	0.48		5.00	560.00	759.00
			1005815	255.13	256.19	1.06	0.22		1.00	94.00	248.00
			1005816	256.19	257.26	1.07	0.14		0.50	47.00	129.00
257.26	280.15	BMS, Biotite Muscovite Schist Very weakly ser BMS with 1%py and trace po.	1005817	257.26	258.76	1.50	0.14		1.00	34.00	126.00
			1005818	258.76	260.26	1.50	0.18		0.50	17.00	40.00
			1005819	277.15	278.65	1.50	0.02		0.50	25.00	73.00
			1005821	278.65	280.15	1.50	0.01		0.50	15.00	56.00
280.15	283.18	MSS, Muscovite Sericite Schist Very strongly ser footwall MSS zone, 3-4% py.	1005822	280.15	281.02	0.87	0.09		2.00	22.00	204.00
			1005823	281.02	281.90	0.88	0.62		2.00	115.00	320.00
			1005824	281.90	283.18	1.28	0.04		1.00	35.00	139.00

# DETAILED LOG

Hole Number: TL11184

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
283.18	294.00	BMS, Biotite Muscovite Schist	1005825	283.18	284.68	1.50	0.07		1.00	33.00	67.00
		Very weakly ser BMS with 1-2% diss py. EOH @ 294m.	1005826	283.18	284.68	1.50	0.03		1.00	34.00	69.00
			1005827	284.68	286.18	1.50	0.88		25.00	132.00	325.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005732	0.90	2.00	0.0170		0.5000	49.0000	100.0000
1005733	2.00	3.00	0.0170		0.5000	35.0000	61.0000
1005734	3.00	4.18	0.0260		0.5000	34.0000	106.0000
1005735	4.18	5.64	0.0070		0.5000	43.0000	83.0000
1005736	5.64	6.53	0.0060		0.5000	32.0000	61.0000
1005737	6.53	7.50	0.0070		0.5000	51.0000	96.0000
1005738	7.50	8.50	0.0080		0.5000	37.0000	68.0000
1005739	8.50	9.50	0.0130		0.5000	16.0000	32.0000
1005741	9.50	10.50	0.0230		0.5000	16.0000	48.0000
1005742	10.50	11.60	0.0300		0.5000	30.0000	92.0000
1005743	11.60	12.71	0.0580		0.5000	36.0000	87.0000
1005744	12.71	13.82	0.0120		0.5000	23.0000	32.0000
1005745	13.82	15.32	0.0150		0.5000	30.0000	85.0000
1005747	15.32	16.82	0.0100		0.5000	15.0000	78.0000
1005748	91.50	93.00	0.3460		0.5000	23.0000	120.0000
1005749	93.00	94.00	1.6150		5.0000	269.0000	1058.0000
1005751	94.00	95.00	1.0070		6.0000	216.0000	1420.0000
1005752	95.00	96.00	0.0720		2.0000	71.0000	150.0000
1005753	96.00	97.50	0.0450		1.0000	27.0000	151.0000
1005754	131.86	133.36	0.0330		0.5000	9.0000	295.0000
1005755	133.36	134.86	0.0210		0.5000	10.0000	55.0000
1005756	134.86	136.36	0.0300		0.5000	21.0000	79.0000
1005757	136.36	137.25	2.9090		0.5000	18.0000	44.0000
1005758	137.25	138.25	2.8930		3.0000	533.0000	1405.0000
1005759	138.25	139.10	3.9010		6.0000	935.0000	4099.0000
1005761	139.10	140.00	2.2290		5.0000	541.0000	1738.0000
1005762	140.00	141.00	0.6970		3.0000	308.0000	2696.0000
1005763	141.00	142.30	0.2240		3.0000	43.0000	127.0000
1005764	142.30	143.60	0.0500		1.0000	19.0000	41.0000
1005765	143.60	144.73	0.6480		2.0000	164.0000	506.0000
1005767	144.73	146.23	0.1890		0.5000	47.0000	134.0000
1005768	146.23	147.73	0.1330		0.5000	32.0000	114.0000
1005769	147.73	149.23	0.1480		0.5000	45.0000	123.0000

Hole Number: TL11184

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005771	149.23	150.73	0.0430		0.5000	156.0000	253.0000
1005772	150.73	152.23	1.2630		2.0000	253.0000	318.0000
1005773	152.23	153.73	0.2780		2.0000	579.0000	208.0000
1005774	153.73	155.23	0.1020		0.5000	82.0000	90.0000
1005775	155.23	156.00	0.3760		5.0000	1376.0000	1886.0000
1005776	156.00	157.00	0.2270		3.0000	912.0000	1525.0000
1005777	157.00	158.03	0.2800		1.0000	503.0000	772.0000
1005778	158.03	159.00	0.7680		0.5000	121.0000	446.0000
1005779	159.00	160.00	0.2300		0.5000	147.0000	415.0000
1005781	160.00	161.00	0.5110		1.0000	227.0000	526.0000
1005782	161.00	162.50	0.5120		0.5000	71.0000	122.0000
1005783	162.50	163.68	1.0490		1.0000	184.0000	404.0000
1005784	163.68	164.68	0.1490		0.5000	82.0000	158.0000
1005785	164.68	165.18	0.9400		11.0000	3893.0000	4664.0000
1005787	165.18	166.65	0.0780		0.5000	108.0000	193.0000
1005788	166.65	167.65	0.0990		0.5000	55.0000	82.0000
1005789	167.65	168.65	0.0900		0.5000	89.0000	119.0000
1005791	168.65	170.15	0.2010		1.0000	129.0000	128.0000
1005792	170.15	171.20	0.3020		2.0000	101.0000	370.0000
1005793	171.20	172.40	0.0680		1.0000	282.0000	873.0000
1005794	172.40	173.40	0.1130		1.0000	193.0000	276.0000
1005795	173.40	174.40	0.3930		6.0000	1261.0000	2615.0000
1005796	174.40	175.40	0.4000		2.0000	180.0000	392.0000
1005797	175.40	176.40	0.3710		3.0000	383.0000	1291.0000
1005798	176.40	177.70	0.2890		2.0000	195.0000	228.0000
1005799	177.70	178.37	0.2800		36.0000	8147.0000	13479.0000
1005801	178.37	179.37	0.4710		2.0000	207.0000	333.0000
1005802	179.37	180.37	0.1450		2.0000	59.0000	96.0000
1005803	180.37	181.37	0.1020		1.0000	78.0000	108.0000
1005804	181.37	182.37	0.2940		0.5000	26.0000	56.0000
1005805	182.37	183.55	0.0520		0.5000	14.0000	36.0000
1005807	183.55	185.05	0.1540		1.0000	24.0000	96.0000
1005808	185.05	186.55	0.2050		1.0000	47.0000	93.0000
1005809	186.55	188.05	0.1920		2.0000	54.0000	105.0000
1005811	249.90	251.40	0.1420		2.0000	208.0000	516.0000
1005812	251.40	252.90	0.0700		0.5000	32.0000	67.0000
1005813	252.90	254.20	0.0900		0.5000	43.0000	63.0000
1005814	254.20	255.13	0.4790		5.0000	560.0000	759.0000
1005815	255.13	256.19	0.2210		1.0000	94.0000	248.0000

Hole Number: TL11184

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005816	256.19	257.26	0.1390		0.5000	47.0000	129.0000
1005817	257.26	258.76	0.1390		1.0000	34.0000	126.0000
1005818	258.76	260.26	0.1820		0.5000	17.0000	40.0000
1005819	277.15	278.65	0.0150		0.5000	25.0000	73.0000
1005821	278.65	280.15	0.0090		0.5000	15.0000	56.0000
1005822	280.15	281.02	0.0910		2.0000	22.0000	204.0000
1005823	281.02	281.90	0.6150		2.0000	115.0000	320.0000
1005824	281.90	283.18	0.0400		1.0000	35.0000	139.0000
1005825	283.18	284.68	0.0650		1.0000	33.0000	67.0000
1005827	284.68	286.18	0.8770		25.0000	132.0000	325.0000
Sample Type	CDUP						
1005746	13.82	15.32	0.0230		0.5000	31.0000	110.0000
1005766	143.60	144.73	0.4380		2.0000	102.0000	487.0000
1005786	164.68	165.18	1.3150		9.0000	3017.0000	3924.0000
1005806	182.37	183.55	0.0460		0.5000	14.0000	37.0000
1005826	283.18	284.68	0.0260		1.0000	34.0000	69.0000





# DETAILED LOG

Hole Number: TL11185A

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -70.00
Project Number: TMI-TL	North: 5511744.16	North:	Collar Az: 350.00
Location: Zealand Township	East: 528126.24	East:	Length: 483.00
	Elev: 394.18	Elev:	Start Depth: 0.00
Date Started: Jun 28, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jul 01, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 483.00

Comments: Main zone from 356.9-397.97m. C-zone from 431.55-452m.  
 Very strongly ser and patchy sil Main zone, with alteration break from 356.9-382.87m. Best samples at 383.33-383.5m (2%py, 1%sph, 1%gln 1%rut? and trace cpy-cov?) and 383.5-384.5m (2%py, 1%sph, and trace gln-cpy).  
 2-3% py and 1% sph from 409.75-412.40m (and mod ser) in BMS following Main zone.  
 Strongly to very strongly ser and mod-strong sil C-zone, with alteration break from 435.14-438.13m. 2-4% py and trace po. Trace sph stringers from 433.55-434m.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	349.00	-68.00	EZ Sho	OK		21.00	349.90	-67.50	EZ Sho	OK	
51.00	350.10	-67.00	EZ Sho	OK		102.00	350.80	-65.80	EZ Sho	OK	
150.00	353.20	-65.50	EZ Sho	OK		201.00	353.20	-64.30	EZ Sho	OK	
255.00	353.10	-61.70	EZ Sho	OK		309.00	353.40	-59.30	EZ Sho	OK	
357.00	353.90	-58.50	EZ Sho	OK		402.00	353.40	-57.10	EZ Sho	OK	
483.00	354.00	-53.70	EZ Sho	OK	COMPLETE						

Detailed Lithology			Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Ag_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP	
0.00	9.00	OB, Overburden										
9.00	45.40	BS, Biotite Schist Unaltered BS zone. Overall trace py, with 30% py from 12.27-12.50 (folded).										
45.40	260.06	BMS, Biotite Muscovite Schist Very wkly ser BMS, with trace to 2% diss py.	1005828	257.06	258.56	1.50	0.03		0.50	58.00	78.00	
			1005829	258.56	260.06	1.50	0.03		1.00	77.00	163.00	
			1005831	260.06	261.35	1.29	0.34			36.00	71.00	188.00
			1005832	261.35	262.64	1.29	0.03			2.00	87.00	184.00
			1005833	262.64	263.86	1.22	0.01			0.50	51.00	59.00
260.06	266.31	MSS, Muscovite Sericite Schist Very strongly ser-sil hangingwall MSS zone with 3-4% py.	1005834	263.86	265.09	1.23	0.01		2.00	54.00	154.00	
			1005835	265.09	266.31	1.22	0.02		4.00	88.00	102.00	
			1005836	266.31	267.81	1.50	0.11			4.00	59.00	101.00
266.31	304.28	BMS, Biotite Muscovite Schist Very wkly ser BMS, with trace-1% py and trace po. Ser increases to moderate close to bottom contact with hangingwall MSS.	1005837	267.81	269.31	1.50	0.01		0.50	41.00	42.00	
			1005838	299.78	301.28	1.50	0.25		0.50	109.00	216.00	
			1005839	301.28	302.78	1.50	0.06			0.50	45.00	70.00
			1005840	302.78	304.28	1.50	0.02			1.00	60.00	143.00
			1005841	302.78	304.28	1.50	0.02			1.00	60.00	143.00

# DETAILED LOG

Hole Number: TL11185A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
304.28	312.19	MSS, Muscovite Sericite Schist Very strongly ser hangingwall MSS with trace diss py.	1005842	304.28	305.28	1.00	0.03		0.50	37.00	47.00
			1005843	305.28	306.28	1.00	0.02		0.50	36.00	40.00
			1005844	306.28	307.28	1.00	0.03		0.50	36.00	36.00
			1005846	307.28	308.28	1.00	0.03		0.50	39.00	30.00
			1005845	307.28	308.28	1.00	0.03		0.50	36.00	31.00
			1005847	308.28	309.28	1.00	0.03		0.50	44.00	29.00
			1005848	309.28	310.28	1.00	0.01		0.50	35.00	21.00
			1005849	310.28	311.19	0.91	0.01		0.50	31.00	19.00
			1005851	311.19	312.19	1.00	0.02		0.50	43.00	48.00
312.19	356.90	BMS, Biotite Muscovite Schist Weakly ser BMS with trac-1% py and trace sph concentrated but still trace from 328.80-329.93m. 332.33-332.74: 1 electrum bleb trace cpy and gln filling fractures.	1005852	312.19	313.69	1.50	0.02		2.00	35.00	59.00
			1005853	313.69	315.19	1.50	0.01		0.50	40.00	55.00
			1005854	327.30	328.80	1.50	0.10		0.50	66.00	147.00
			1005855	328.80	329.93	1.13	0.40		1.00	284.00	1195.00
			1005856	329.93	331.13	1.20	0.03		0.50	76.00	85.00
			1005857	331.13	332.33	1.20	0.11		0.50	177.00	694.00
			1005858	332.33	332.74	0.41	6.65	10.84	9.00	413.00	1880.00
			1005859	332.74	333.74	1.00	0.29		1.00	79.00	107.00
			1005861	333.74	335.24	1.50	0.06		0.50	54.00	50.00
			1005862	335.24	336.74	1.50	0.05		0.50	63.00	82.00
			1005863	336.74	338.24	1.50	0.02		0.50	38.00	36.00
			1005864	338.24	339.74	1.50	0.02		0.50	44.00	52.00
			1005866	339.74	341.24	1.50	0.10		1.00	110.00	110.00
			1005865	339.74	341.24	1.50	0.07		2.00	99.00	80.00
			1005867	341.24	342.74	1.50	0.02		0.50	64.00	50.00
			1005868	342.74	344.24	1.50	0.09		0.50	70.00	56.00
			1005869	344.24	345.76	1.52	0.11		3.00	88.00	103.00
			1005871	345.76	347.26	1.50	0.11		0.50	81.00	126.00
			1005872	347.26	348.61	1.35	0.03		0.50	71.00	101.00
			1005873	348.61	350.11	1.50	0.16		2.00	61.00	73.00
1005874	350.11	351.61	1.50	0.07		2.00	75.00	133.00			
1005875	351.61	353.11	1.50	0.01		0.50	83.00	78.00			
1005876	353.11	354.61	1.50	1.04		5.00	71.00	155.00			
1005877	354.61	356.11	1.50	3.32		0.50	118.00	95.00			
1005878	356.11	356.90	0.79	0.18		1.00	301.00	1116.00			

## DETAILED LOG

Hole Number: TL11185A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
356.90	397.97	MSS, Muscovite Sericite Schist	1005879	356.90	357.95	1.05	0.09		0.50	64.00	189.00
		Very strongly ser and patchy sil MSS Main zone, with alteration break from 356.9-382.87m. 1-2% py and trace sph/cp/gln. Best samples at 383.33-383.5 (2%py, 1%sph, 1%gln 1%rut? and trace cpy-cov?) and 383.5-384.5 (2%py, 1%sph, and trace gln-cpy).	1005881	357.95	358.95	1.00	0.08		2.00	60.00	71.00
			1005882	358.95	359.95	1.00	0.06		3.00	244.00	705.00
			1005883	359.95	360.95	1.00	0.05		0.50	60.00	62.00
			1005884	360.95	361.95	1.00	0.03		0.50	72.00	133.00
			1005885	361.95	362.95	1.00	0.74		1.00	67.00	576.00
			1005886	361.95	362.95	1.00	0.65		0.50	85.00	486.00
			1005887	362.95	363.95	1.00	0.03		0.50	50.00	119.00
			1005888	363.95	364.95	1.00	0.09		0.50	65.00	148.00
			1005889	364.95	365.95	1.00	0.18		1.00	59.00	86.00
			1005891	365.95	366.95	1.00	0.08		0.50	67.00	205.00
			1005892	366.95	368.14	1.19	0.21		0.50	161.00	709.00
			1005893	368.14	369.30	1.16	0.21		1.00	71.00	175.00
			1005894	369.30	370.09	0.79	0.11		0.50	61.00	197.00
			1005895	370.09	371.59	1.50	0.28		4.00	70.00	79.00
			1005896	371.59	373.09	1.50	0.03		1.00	51.00	70.00
			1005897	373.09	374.59	1.50	0.03		0.50	47.00	69.00
			1005898	374.59	376.09	1.50	0.31		16.00	86.00	123.00
			1005899	376.09	377.09	1.00	2.89		28.00	347.00	606.00
			1005901	377.09	378.09	1.00	0.10		5.00	68.00	82.00
			1005902	378.09	379.09	1.00	0.04		0.50	48.00	158.00
			1005903	379.09	380.35	1.26	0.03		0.50	41.00	53.00
			1005904	380.35	381.61	1.26	0.06		2.00	44.00	54.00
			1005906	381.61	382.87	1.26	1.68		109.00	65.00	68.00
			1005905	381.61	382.87	1.26	0.28		16.00	48.00	58.00
			1005907	382.87	383.60	0.73	0.72		93.00	2852.00	311.00
			1005908	383.60	384.40	0.80	0.41		31.00	378.00	774.00
			1005909	384.40	385.05	0.65	0.04		0.50	71.00	164.00
			1005911	385.05	385.80	0.75	0.55		7.00	340.00	527.00
			1005912	385.80	387.30	1.50	0.14		0.50	58.00	118.00
			1005913	387.30	388.30	1.00	0.01		0.50	41.00	84.00
			1005914	388.30	389.30	1.00	0.02		0.50	31.00	80.00
			1005915	389.30	390.25	0.95	0.02		0.50	38.00	40.00
			1005916	390.25	391.25	1.00	0.03		1.00	44.00	57.00
			1005917	391.25	392.25	1.00	0.01		0.50	56.00	44.00
			1005918	392.25	393.38	1.13	0.11		5.00	47.00	96.00
			1005919	393.38	394.66	1.28	0.01		1.00	48.00	34.00
			1005921	394.66	395.94	1.28	0.01		0.50	49.00	45.00
			1005922	395.94	396.94	1.00	0.02		1.00	45.00	59.00
			1005923	396.94	397.97	1.03	0.07		34.00	84.00	92.00

## DETAILED LOG

Hole Number: TL11185A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
397.97	431.55	BMS, Biotite Muscovite Schist	1005924	397.97	399.47	1.50	0.01		1.00	38.00	46.00
		Very wkly ser BMS with 2-3% py and 1% sph from 409.75-412.40m (and mod ser).	1005925	399.47	400.97	1.50	0.00		1.00	33.00	28.00
			1005926	399.47	400.97	1.50	0.00		0.50	35.00	33.00
			1005927	400.97	402.47	1.50	0.00		1.00	34.00	35.00
			1005928	402.47	403.97	1.50	0.01		2.00	36.00	36.00
			1005929	403.97	405.47	1.50	0.02		0.50	38.00	60.00
			1005931	405.47	406.97	1.50	0.03		0.50	34.00	80.00
			1005932	406.97	408.47	1.50	0.02		0.50	35.00	65.00
			1005933	408.47	409.75	1.28	0.02		0.50	69.00	541.00
			1005934	409.75	410.75	1.00	0.02		0.50	76.00	2759.00
			1005935	410.75	411.45	0.70	0.01		0.50	72.00	2304.00
			1005936	411.45	412.40	0.95	0.01		0.50	72.00	530.00
			1005937	412.40	413.90	1.50	0.02		0.50	56.00	118.00
			1005938	413.90	415.40	1.50	0.02		0.50	33.00	50.00
			1005939	415.40	416.90	1.50	0.01		0.50	32.00	73.00
			1005941	416.90	418.40	1.50	0.01		1.00	27.00	46.00
			1005942	418.40	419.90	1.50	0.02		0.50	41.00	43.00
			1005943	419.90	421.05	1.15	0.01		2.00	33.00	56.00
			1005944	421.05	422.55	1.50	0.02		0.50	35.00	51.00
			1005945	422.55	424.05	1.50	0.02		1.00	43.00	129.00
			1005946	422.55	424.05	1.50	0.03		0.50	46.00	118.00
			1005947	424.05	425.55	1.50	0.07		0.50	80.00	117.00
			1005948	425.55	427.05	1.50	0.04		0.50	84.00	115.00
			1005949	427.05	428.55	1.50	0.10		1.00	64.00	108.00
			1005951	428.55	430.05	1.50	0.30		0.50	92.00	249.00
			1005952	430.05	431.55	1.50	0.08		2.00	450.00	1000.00

DETAILED LOG

Hole Number: TL11185A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
431.55	452.00	MSS, Muscovite Sericite Schist Strongly to very strongly ser and mod-strong sil MSS C-zone, with alteration break from 435.14-438.13m. 2-4% py and trace po. Trace sph stringers from 433.55-434m.	1005953	431.55	432.55	1.00	0.16		0.50	106.00	488.00
			1005954	432.55	433.55	1.00	0.40		0.50	82.00	159.00
			1005955	433.55	434.14	0.59	0.38		4.00	135.00	327.00
			1005956	434.14	435.14	1.00	0.40		1.00	144.00	519.00
			1005957	435.14	436.64	1.50	0.02		0.50	50.00	71.00
			1005958	436.64	438.13	1.49	0.02		0.50	42.00	71.00
			1005959	438.13	439.13	1.00	0.01		1.00	38.00	46.00
			1005961	439.13	440.13	1.00	0.04		1.00	39.00	56.00
			1005962	440.13	441.13	1.00	0.37		0.50	44.00	70.00
			1005963	441.13	442.13	1.00	0.06		2.00	41.00	58.00
			1005964	442.13	442.91	0.78	0.11		0.50	32.00	33.00
			1005965	442.91	443.78	0.87	0.04		0.50	42.00	75.00
			1005966	442.91	443.78	0.87	0.04		0.50	43.00	77.00
			1005967	443.78	444.58	0.80	0.07		0.50	37.00	78.00
			1005968	444.58	446.08	1.50	0.04		1.00	50.00	184.00
			1005969	446.08	447.08	1.00	0.76		0.50	161.00	387.00
			1005971	447.08	448.08	1.00	0.21		0.50	77.00	96.00
1005972	448.08	449.08	1.00	0.59		0.50	73.00	132.00			
1005973	449.08	450.00	0.92	0.13		0.50	61.00	177.00			
1005974	450.00	451.00	1.00	0.25		2.00	127.00	231.00			
1005975	451.00	452.00	1.00	0.31		3.00	463.00	562.00			
452.00	483.00	BMS, Biotite Muscovite Schist Very wkly ser BMS with trace-1% pyrite. EOH@483m.	1005976	452.00	453.50	1.50	0.07		0.50	74.00	119.00
			1005977	453.50	455.00	1.50	0.02		0.50	48.00	83.00
			1005978	455.00	456.50	1.50	0.02		0.50	37.00	70.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005828	257.06	258.56	0.0290		0.5000	58.0000	78.0000
1005829	258.56	260.06	0.0320		1.0000	77.0000	163.0000
1005831	260.06	261.35	0.3360		36.0000	71.0000	188.0000
1005832	261.35	262.64	0.0250		2.0000	87.0000	184.0000
1005833	262.64	263.86	0.0140		0.5000	51.0000	59.0000
1005834	263.86	265.09	0.0120		2.0000	54.0000	154.0000
1005835	265.09	266.31	0.0240		4.0000	88.0000	102.0000
1005836	266.31	267.81	0.1130		4.0000	59.0000	101.0000
1005837	267.81	269.31	0.0110		0.5000	41.0000	42.0000
1005838	299.78	301.28	0.2450		0.5000	109.0000	216.0000
1005839	301.28	302.78	0.0590		0.5000	45.0000	70.0000
1005841	302.78	304.28	0.0190		1.0000	60.0000	143.0000
1005842	304.28	305.28	0.0320		0.5000	37.0000	47.0000

Hole Number: TL11185A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005843	305.28	306.28	0.0240		0.5000	36.0000	40.0000
1005844	306.28	307.28	0.0250		0.5000	36.0000	36.0000
1005845	307.28	308.28	0.0250		0.5000	36.0000	31.0000
1005847	308.28	309.28	0.0340		0.5000	44.0000	29.0000
1005848	309.28	310.28	0.0100		0.5000	35.0000	21.0000
1005849	310.28	311.19	0.0080		0.5000	31.0000	19.0000
1005851	311.19	312.19	0.0160		0.5000	43.0000	48.0000
1005852	312.19	313.69	0.0210		2.0000	35.0000	59.0000
1005853	313.69	315.19	0.0100		0.5000	40.0000	55.0000
1005854	327.30	328.80	0.1040		0.5000	66.0000	147.0000
1005855	328.80	329.93	0.3990		1.0000	284.0000	1195.0000
1005856	329.93	331.13	0.0290		0.5000	76.0000	85.0000
1005857	331.13	332.33	0.1130		0.5000	177.0000	694.0000
1005858	332.33	332.74	6.6540	10.8410	9.0000	413.0000	1880.0000
1005859	332.74	333.74	0.2900		1.0000	79.0000	107.0000
1005861	333.74	335.24	0.0610		0.5000	54.0000	50.0000
1005862	335.24	336.74	0.0530		0.5000	63.0000	82.0000
1005863	336.74	338.24	0.0180		0.5000	38.0000	36.0000
1005864	338.24	339.74	0.0240		0.5000	44.0000	52.0000
1005865	339.74	341.24	0.0730		2.0000	99.0000	80.0000
1005867	341.24	342.74	0.0160		0.5000	64.0000	50.0000
1005868	342.74	344.24	0.0890		0.5000	70.0000	56.0000
1005869	344.24	345.76	0.1080		3.0000	88.0000	103.0000
1005871	345.76	347.26	0.1120		0.5000	81.0000	126.0000
1005872	347.26	348.61	0.0290		0.5000	71.0000	101.0000
1005873	348.61	350.11	0.1560		2.0000	61.0000	73.0000
1005874	350.11	351.61	0.0680		2.0000	75.0000	133.0000
1005875	351.61	353.11	0.0090		0.5000	83.0000	78.0000
1005876	353.11	354.61	1.0370		5.0000	71.0000	155.0000
1005877	354.61	356.11	3.3170		0.5000	118.0000	95.0000
1005878	356.11	356.90	0.1760		1.0000	301.0000	1116.0000
1005879	356.90	357.95	0.0880		0.5000	64.0000	189.0000
1005881	357.95	358.95	0.0800		2.0000	60.0000	71.0000
1005882	358.95	359.95	0.0590		3.0000	244.0000	705.0000
1005883	359.95	360.95	0.0460		0.5000	60.0000	62.0000
1005884	360.95	361.95	0.0330		0.5000	72.0000	133.0000
1005885	361.95	362.95	0.7400		1.0000	67.0000	576.0000
1005887	362.95	363.95	0.0320		0.5000	50.0000	119.0000
1005888	363.95	364.95	0.0920		0.5000	65.0000	148.0000

Hole Number: TL11185A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005889	364.95	365.95	0.1750		1.0000	59.0000	86.0000
1005891	365.95	366.95	0.0770		0.5000	67.0000	205.0000
1005892	366.95	368.14	0.2050		0.5000	161.0000	709.0000
1005893	368.14	369.30	0.2060		1.0000	71.0000	175.0000
1005894	369.30	370.09	0.1070		0.5000	61.0000	197.0000
1005895	370.09	371.59	0.2750		4.0000	70.0000	79.0000
1005896	371.59	373.09	0.0300		1.0000	51.0000	70.0000
1005897	373.09	374.59	0.0270		0.5000	47.0000	69.0000
1005898	374.59	376.09	0.3070		16.0000	86.0000	123.0000
1005899	376.09	377.09	2.8900		28.0000	347.0000	606.0000
1005901	377.09	378.09	0.1020		5.0000	68.0000	82.0000
1005902	378.09	379.09	0.0410		0.5000	48.0000	158.0000
1005903	379.09	380.35	0.0300		0.5000	41.0000	53.0000
1005904	380.35	381.61	0.0550		2.0000	44.0000	54.0000
1005905	381.61	382.87	0.2780		16.0000	48.0000	58.0000
1005907	382.87	383.60	0.7220		93.0000	2852.0000	311.0000
1005908	383.60	384.40	0.4060		31.0000	378.0000	774.0000
1005909	384.40	385.05	0.0410		0.5000	71.0000	164.0000
1005911	385.05	385.80	0.5490		7.0000	340.0000	527.0000
1005912	385.80	387.30	0.1410		0.5000	58.0000	118.0000
1005913	387.30	388.30	0.0100		0.5000	41.0000	84.0000
1005914	388.30	389.30	0.0240		0.5000	31.0000	80.0000
1005915	389.30	390.25	0.0160		0.5000	38.0000	40.0000
1005916	390.25	391.25	0.0340		1.0000	44.0000	57.0000
1005917	391.25	392.25	0.0130		0.5000	56.0000	44.0000
1005918	392.25	393.38	0.1070		5.0000	47.0000	96.0000
1005919	393.38	394.66	0.0080		1.0000	48.0000	34.0000
1005921	394.66	395.94	0.0110		0.5000	49.0000	45.0000
1005922	395.94	396.94	0.0150		1.0000	45.0000	59.0000
1005923	396.94	397.97	0.0720		34.0000	84.0000	92.0000
1005924	397.97	399.47	0.0060		1.0000	38.0000	46.0000
1005925	399.47	400.97	0.0040		1.0000	33.0000	28.0000
1005927	400.97	402.47	0.0030		1.0000	34.0000	35.0000
1005928	402.47	403.97	0.0070		2.0000	36.0000	36.0000
1005929	403.97	405.47	0.0160		0.5000	38.0000	60.0000
1005931	405.47	406.97	0.0260		0.5000	34.0000	80.0000
1005932	406.97	408.47	0.0160		0.5000	35.0000	65.0000
1005933	408.47	409.75	0.0180		0.5000	69.0000	541.0000
1005934	409.75	410.75	0.0180		0.5000	76.0000	2759.0000

Hole Number: TL11185A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005935	410.75	411.45	0.0130		0.5000	72.0000	2304.0000
1005936	411.45	412.40	0.0120		0.5000	72.0000	530.0000
1005937	412.40	413.90	0.0230		0.5000	56.0000	118.0000
1005938	413.90	415.40	0.0150		0.5000	33.0000	50.0000
1005939	415.40	416.90	0.0140		0.5000	32.0000	73.0000
1005941	416.90	418.40	0.0090		1.0000	27.0000	46.0000
1005942	418.40	419.90	0.0170		0.5000	41.0000	43.0000
1005943	419.90	421.05	0.0110		2.0000	33.0000	56.0000
1005944	421.05	422.55	0.0190		0.5000	35.0000	51.0000
1005945	422.55	424.05	0.0230		1.0000	43.0000	129.0000
1005947	424.05	425.55	0.0720		0.5000	80.0000	117.0000
1005948	425.55	427.05	0.0350		0.5000	84.0000	115.0000
1005949	427.05	428.55	0.1000		1.0000	64.0000	108.0000
1005951	428.55	430.05	0.2990		0.5000	92.0000	249.0000
1005952	430.05	431.55	0.0800		2.0000	450.0000	1000.0000
1005953	431.55	432.55	0.1580		0.5000	106.0000	488.0000
1005954	432.55	433.55	0.3950		0.5000	82.0000	159.0000
1005955	433.55	434.14	0.3820		4.0000	135.0000	327.0000
1005956	434.14	435.14	0.3980		1.0000	144.0000	519.0000
1005957	435.14	436.64	0.0230		0.5000	50.0000	71.0000
1005958	436.64	438.13	0.0190		0.5000	42.0000	71.0000
1005959	438.13	439.13	0.0130		1.0000	38.0000	46.0000
1005961	439.13	440.13	0.0400		1.0000	39.0000	56.0000
1005962	440.13	441.13	0.3690		0.5000	44.0000	70.0000
1005963	441.13	442.13	0.0630		2.0000	41.0000	58.0000
1005964	442.13	442.91	0.1060		0.5000	32.0000	33.0000
1005965	442.91	443.78	0.0400		0.5000	42.0000	75.0000
1005967	443.78	444.58	0.0670		0.5000	37.0000	78.0000
1005968	444.58	446.08	0.0440		1.0000	50.0000	184.0000
1005969	446.08	447.08	0.7570		0.5000	161.0000	387.0000
1005971	447.08	448.08	0.2060		0.5000	77.0000	96.0000
1005972	448.08	449.08	0.5920		0.5000	73.0000	132.0000
1005973	449.08	450.00	0.1300		0.5000	61.0000	177.0000
1005974	450.00	451.00	0.2490		2.0000	127.0000	231.0000
1005975	451.00	452.00	0.3140		3.0000	463.0000	562.0000
1005976	452.00	453.50	0.0690		0.5000	74.0000	119.0000
1005977	453.50	455.00	0.0230		0.5000	48.0000	83.0000
1005978	455.00	456.50	0.0180		0.5000	37.0000	70.0000



Hole Number: TL11185A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	CDUP						
1005846	307.28	308.28	0.0340		0.5000	39.0000	30.0000
1005866	339.74	341.24	0.0970		1.0000	110.0000	110.0000
1005886	361.95	362.95	0.6540		0.5000	85.0000	486.0000
1005906	381.61	382.87	1.6770		109.0000	65.0000	68.0000
1005926	399.47	400.97	0.0040		0.5000	35.0000	33.0000
1005946	422.55	424.05	0.0250		0.5000	46.0000	118.0000
1005966	442.91	443.78	0.0410		0.5000	43.0000	77.0000



# DETAILED LOG

Hole Number: TL11186A

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -70.00
Project Number: TMI-TL	North: 5511743.80	North:	Collar Az: 355.00
Location: Zealand Township	East: 528235.80	East:	Length: 526.50
	Elev: 392.54	Elev:	Start Depth: 0.00
Date Started: Jun 19, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jul 05, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 526.50

Comments: MSS main zone from 411.41-470.85 m w/ alternating sections of strongly sericitized and weakly sericitized MSS. Abundant faults, 4 folds and one microshear. 7-8% py, 1-2% sph and trace po and asp over entire interval. From 462.69-463.22 m 15% py and trace pent. Very strongly sericitized MSS C-zone from 495.89-513.47. 10% py and 1-2% galena blebs over entire interval. 1% sph from beginning to 511.52 m; from 511.52 to end 5-6% py. RQD interval 525-526m not included due to block error. Data exceeds limit.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	358.50	-70.00	EZ Sho	OK	RETEST	21.00	358.10	-68.70	EZ Sho	OK	
51.00	356.90	-66.90	EZ Sho	OK		102.00	355.70	-65.70	EZ Sho	OK	
150.00	357.50	-65.00	EZ Sho	OK		201.00	357.60	-64.60	EZ Sho	OK	
252.00	358.00	-64.20	EZ Sho	OK		300.00	358.80	-63.70	EZ Sho	OK	
351.00	359.10	-63.10	EZ Sho	OK		402.00	359.30	-62.40	EZ Sho	OK	
450.00	359.90	-60.80	EZ Sho	OK		501.00	0.20	-59.30	EZ Sho	OK	
526.50	359.50	-58.20	EZ Sho	OK	COMPLETED						

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	9.00	OB, Overburden									
9.00	84.00	MSED, Metasediment Very fine to fine grained metaseds. Two faults. 4-5% py and trace asp and po.									
84.00	355.59	BMS, Biotite Muscovite Schist Typical BMS interval with ser altn ranging from very to a small interval of very strong altn. 6 faults, 1 microshear and 5 folds. 6-7% py from 84-163 m; 8-9% py from 163-262.29 m; 5-6% py from 262.29-355.59 m. Trace po from 84-215 m and 3-4% for the rest of the interval. 1% sph over entire interval. From 163-355.59 m 1% asp and galena, and trace cp.	1075753	354.08	355.59	1.51	0.03		1.00	26.00	316.00

## DETAILED LOG

Hole Number: TL11186A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
355.59	373.56	MSS, Muscovite Sericite Schist Very strongly sericitized and poorly mineralized MSS main zone. Trace diss py w/ rare stringers.	1075754	355.59	356.78	1.19	0.01		1.00	20.00	179.00
			1075755	356.78	358.23	1.45	0.01		0.50	12.00	83.00
			1075756	358.23	359.35	1.12	0.01		0.50	12.00	35.00
			1075757	359.35	360.85	1.50	0.01		0.50	14.00	57.00
			1075758	360.85	362.35	1.50	0.01		0.50	17.00	56.00
			1075759	362.35	363.85	1.50	0.01		0.50	20.00	54.00
			1075761	363.85	365.35	1.50	0.01		0.50	25.00	77.00
			1075762	365.35	366.85	1.50	0.01		1.00	109.00	44.00
			1075763	366.85	368.31	1.46	0.01		0.50	25.00	36.00
			1075764	368.31	369.79	1.48	0.01		1.00	17.00	29.00
			1075766	369.79	371.27	1.48	0.01		0.50	13.00	19.00
			1075765	369.79	371.27	1.48	0.01		0.50	10.00	26.00
			1075767	371.27	372.73	1.46	0.01		0.50	19.00	25.00
			1075768	372.73	373.56	0.83	0.02		1.00	58.00	50.00
373.56	411.41	BMS, Biotite Muscovite Schist BMS interval w/ alternating very weak to very strong ser altn. 4 folds, 5 FTZ, and 2 microshears present. 7-8% py and trace sph.	1075769	373.56	375.09	1.53	0.02		0.50	27.00	67.00
			1075771	380.06	381.45	1.39	0.03		1.00	32.00	78.00
			1075772	381.45	382.58	1.13	0.05		1.00	37.00	94.00
			1075773	382.58	384.08	1.50	0.51		5.00	91.00	196.00
			1075774	384.08	385.58	1.50	0.15		2.00	42.00	99.00
			1075775	405.63	406.72	1.09	0.18		2.00	21.00	53.00
			1075776	406.72	408.00	1.28	1.52		24.00	95.00	199.00
			1075777	408.00	409.11	1.11	0.69		28.00	107.00	294.00
			1075778	409.11	410.91	1.80	0.07		3.00	47.00	84.00
			1075779	410.91	411.41	0.50	0.16		1.00	63.00	161.00

DETAILED LOG

Hole Number: TL11186A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
411.41	470.85	MSS, Muscovite Sericite Schist	1075781	411.41	412.45	1.04	1.27		7.00	994.00	4910.00
		MSS main zone w/ alternating sections of strongly sericitized and weakly sericitized MSS. Abundant faults from the beginning of the interval to 440 m. 4 folds between 454.85-463.75 m. One microshear. 7-8% py, 1-2% sph and trace po and asp over entire interval. From 462.69-463.22 m 15% py and trace pent.	1075782	412.45	413.45	1.00	1.10		10.00	591.00	596.00
			1075783	413.45	414.45	1.00	0.46		7.00	570.00	1132.00
			1075784	414.45	415.45	1.00	0.22		3.00	84.00	94.00
			1075785	415.45	416.06	0.61	0.96		3.00	34.00	56.00
			1075786	415.45	416.06	0.61	0.81		3.00	27.00	46.00
			1075787	416.06	417.10	1.04	5.71	7.26	13.00	294.00	329.00
			1075788	417.10	418.10	1.00	0.82		11.00	341.00	1667.00
			1075789	418.10	419.16	1.06	0.83		91.00	1015.00	1198.00
			1075791	419.16	420.00	0.84	0.46		83.00	340.00	1024.00
			1075792	420.00	420.92	0.92	0.45		9.00	42.00	250.00
			1075793	420.92	421.74	0.82	0.62		7.00	60.00	17.00
			1075794	421.74	422.68	0.94	0.44		7.00	108.00	352.00
			1075795	422.68	423.68	1.00	0.12		4.00	223.00	1143.00
			1075796	423.68	424.36	0.68	0.37		2.00	71.00	67.00
			1075797	424.36	425.17	0.81	0.19		3.00	49.00	69.00
			1075798	425.17	426.17	1.00	0.12		11.00	52.00	30.00
			1075799	426.17	427.10	0.93	0.12		15.00	62.00	53.00
			1075801	427.10	428.10	1.00	0.16		9.00	46.00	46.00
			1075802	428.10	429.10	1.00	0.04		3.00	27.00	112.00
			1075803	429.10	430.10	1.00	0.02		2.00	12.00	77.00
			1075804	430.10	431.03	0.93	0.01		1.00	16.00	28.00
			1075805	431.03	432.00	0.97	0.01		1.00	10.00	32.00
			1075806	431.03	432.00	0.97	0.00		1.00	11.00	30.00
			1075807	432.00	433.00	1.00	0.00		0.50	10.00	82.00
			1075808	433.00	434.00	1.00	0.00		0.50	6.00	34.00
			1075809	434.00	435.00	1.00	0.01		1.00	10.00	44.00
			1075811	435.00	436.00	1.00	0.02		1.00	8.00	41.00
			1075812	436.00	437.00	1.00	0.01		1.00	9.00	56.00
			1075813	437.00	438.00	1.00	0.00		0.50	3.00	26.00
			1075814	438.00	438.92	0.92	0.00		1.00	7.00	85.00
			1075815	438.92	439.97	1.05	0.00		1.00	10.00	45.00
			1075816	439.97	440.92	0.95	0.00		2.00	15.00	40.00
			1075817	440.92	441.92	1.00	0.66		82.00	127.00	1067.00
			1075818	441.92	442.92	1.00	0.26		84.00	110.00	193.00
			1075819	442.92	443.87	0.95	0.00		3.00	24.00	39.00
			1075821	443.87	444.87	1.00	0.00		1.00	14.00	27.00
			1075822	444.87	445.87	1.00	0.00		2.00	22.00	59.00
			1075823	445.87	446.87	1.00	0.00		1.00	20.00	74.00
			1075824	446.87	447.73	0.86	0.00		2.00	36.00	61.00
			1075825	447.73	449.00	1.27	0.00		2.00	28.00	75.00
			1075826	447.73	449.00	1.27	0.00		2.00	20.00	44.00
			1075827	449.00	450.00	1.00	0.00		1.00	22.00	64.00

## DETAILED LOG

Hole Number: TL11186A

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1075828	450.00	450.72	0.72	0.03		1.00	18.00	51.00
			1075829	450.72	451.45	0.73	0.00		1.00	29.00	35.00
			1075831	451.45	452.41	0.96	0.00		2.00	32.00	90.00
			1075832	452.41	453.41	1.00	0.01		3.00	31.00	100.00
			1075833	453.41	454.21	0.80	0.02		2.00	29.00	78.00
			1075834	454.21	454.94	0.73	0.01		2.00	34.00	66.00
			1075835	454.94	455.94	1.00	0.00		0.50	19.00	17.00
			1075836	455.94	456.72	0.78	0.00		0.50	18.00	135.00
			1075837	456.72	457.72	1.00	0.00		0.50	22.00	51.00
			1075838	457.72	458.76	1.04	0.00		0.50	14.00	18.00
			1075839	458.76	459.76	1.00	0.00		0.50	9.00	17.00
			1075841	459.76	460.80	1.04	0.00		0.50	7.00	16.00
			1075842	460.80	461.69	0.89	0.01		0.50	15.00	38.00
			1075843	461.69	462.69	1.00	0.01		0.50	20.00	30.00
			1075844	462.69	463.74	1.05	0.17		2.00	26.00	56.00
			1075845	463.74	464.79	1.05	0.02		1.00	21.00	70.00
			1075846	463.74	464.79	1.05	0.01		1.00	21.00	64.00
			1075847	464.79	465.55	0.76	0.03		2.00	25.00	81.00
			1075848	465.55	466.55	1.00	0.03		2.00	30.00	269.00
			1075849	466.55	467.55	1.00	0.01		1.00	19.00	62.00
			1075851	467.55	468.55	1.00	0.02		1.00	18.00	102.00
			1075852	468.55	469.28	0.73	0.02		1.00	20.00	47.00
			1075853	469.28	469.94	0.66	0.02		2.00	18.00	42.00
			1075854	469.94	470.85	0.91	0.03		1.00	20.00	52.00
470.85	495.89	BMS, Biotite Muscovite Schist Typical BMS interval. One fold present. 8-9% py and trace sph and asp.	1075855	470.85	472.35	1.50	0.03		4.00	20.00	65.00
			1075856	472.35	473.85	1.50	0.02		2.00	23.00	53.00
			1075857	492.71	494.16	1.45	0.04		0.50	29.00	456.00
			1075858	494.16	495.00	0.84	0.01		0.50	32.00	54.00
			1075859	495.00	495.89	0.89	0.01		0.50	27.00	54.00

DETAILED LOG

Hole Number: TL11186A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
495.89	513.47	MSS, Muscovite Sericite Schist Very strongly sericitized MSS C-zone. One weak fold. 10% py and 1-2% galena blebs over entire interval. 1% sph from beginning to 511.52 m; from 511.52 to end 5-6% py.	1075861	495.89	496.53	0.64	0.05		1.00	32.00	38.00
			1075862	496.53	497.29	0.76	0.09		2.00	52.00	58.00
			1075863	497.29	498.56	1.27	0.17		1.00	42.00	79.00
			1075864	498.56	499.88	1.32	0.32		1.00	37.00	42.00
			1075865	499.88	500.88	1.00	0.55		0.50	30.00	109.00
			1075866	499.88	500.88	1.00	1.03		1.00	43.00	111.00
			1075867	500.88	501.95	1.07	0.11		1.00	44.00	45.00
			1075868	501.95	502.92	0.97	0.22		0.50	34.00	33.00
			1075869	502.92	503.71	0.79	0.25		0.50	43.00	45.00
			1075871	503.71	504.48	0.77	0.11		1.00	111.00	73.00
			1075872	504.48	505.48	1.00	0.85		7.00	443.00	1088.00
			1075873	505.48	506.48	1.00	0.67		4.00	109.00	334.00
			1075874	506.48	507.48	1.00	0.07		0.50	53.00	192.00
			1075875	507.48	508.48	1.00	0.44		4.00	413.00	2101.00
			1075876	508.48	509.70	1.22	0.24		2.00	188.00	831.00
			1075877	509.70	510.70	1.00	0.15		1.00	244.00	1252.00
			1075878	510.70	511.62	0.92	0.12		1.00	164.00	417.00
1075879	511.62	512.62	1.00	0.40		4.00	952.00	4712.00			
1075881	512.62	513.47	0.85	0.13		0.50	28.00	493.00			
513.47	526.50	BMS, Biotite Muscovite Schist Typical BMS interval with minor ser altn. 8-9% py stringers.	1075882	513.47	515.86	2.39	0.06		0.50	36.00	162.00
			1075883	515.86	516.32	0.46	0.16		2.00	35.00	74.00
			1075884	516.32	517.77	1.45	0.16		2.00	26.00	548.00
			1075885	517.77	519.32	1.55	0.30		2.00	40.00	621.00
			1075886	517.77	519.32	1.55	0.11		1.00	41.00	520.00
			1075887	519.32	520.82	1.50	0.04		0.50	29.00	129.00
			1075888	520.82	522.10	1.28	0.04		0.50	13.00	594.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075753	354.08	355.59	0.0310		1.0000	26.0000	316.0000
1075754	355.59	356.78	0.0080		1.0000	20.0000	179.0000
1075755	356.78	358.23	0.0090		0.5000	12.0000	83.0000
1075756	358.23	359.35	0.0140		0.5000	12.0000	35.0000
1075757	359.35	360.85	0.0120		0.5000	14.0000	57.0000
1075758	360.85	362.35	0.0090		0.5000	17.0000	56.0000
1075759	362.35	363.85	0.0110		0.5000	20.0000	54.0000
1075761	363.85	365.35	0.0140		0.5000	25.0000	77.0000
1075762	365.35	366.85	0.0130		1.0000	109.0000	44.0000
1075763	366.85	368.31	0.0110		0.5000	25.0000	36.0000
1075764	368.31	369.79	0.0110		1.0000	17.0000	29.0000

Hole Number: TL11186A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075765	369.79	371.27	0.0110		0.5000	10.0000	26.0000
1075767	371.27	372.73	0.0140		0.5000	19.0000	25.0000
1075768	372.73	373.56	0.0180		1.0000	58.0000	50.0000
1075769	373.56	375.09	0.0160		0.5000	27.0000	67.0000
1075771	380.06	381.45	0.0320		1.0000	32.0000	78.0000
1075772	381.45	382.58	0.0490		1.0000	37.0000	94.0000
1075773	382.58	384.08	0.5110		5.0000	91.0000	196.0000
1075774	384.08	385.58	0.1490		2.0000	42.0000	99.0000
1075775	405.63	406.72	0.1800		2.0000	21.0000	53.0000
1075776	406.72	408.00	1.5200		24.0000	95.0000	199.0000
1075777	408.00	409.11	0.6910		28.0000	107.0000	294.0000
1075778	409.11	410.91	0.0740		3.0000	47.0000	84.0000
1075779	410.91	411.41	0.1550		1.0000	63.0000	161.0000
1075781	411.41	412.45	1.2680		7.0000	994.0000	4910.0000
1075782	412.45	413.45	1.1000		10.0000	591.0000	596.0000
1075783	413.45	414.45	0.4570		7.0000	570.0000	1132.0000
1075784	414.45	415.45	0.2180		3.0000	84.0000	94.0000
1075785	415.45	416.06	0.9610		3.0000	34.0000	56.0000
1075787	416.06	417.10	5.7120	7.2570	13.0000	294.0000	329.0000
1075788	417.10	418.10	0.8200		11.0000	341.0000	1667.0000
1075789	418.10	419.16	0.8270		91.0000	1015.0000	1198.0000
1075791	419.16	420.00	0.4570		83.0000	340.0000	1024.0000
1075792	420.00	420.92	0.4540		9.0000	42.0000	250.0000
1075793	420.92	421.74	0.6200		7.0000	60.0000	17.0000
1075794	421.74	422.68	0.4360		7.0000	108.0000	352.0000
1075795	422.68	423.68	0.1190		4.0000	223.0000	1143.0000
1075796	423.68	424.36	0.3740		2.0000	71.0000	67.0000
1075797	424.36	425.17	0.1850		3.0000	49.0000	69.0000
1075798	425.17	426.17	0.1220		11.0000	52.0000	30.0000
1075799	426.17	427.10	0.1190		15.0000	62.0000	53.0000
1075801	427.10	428.10	0.1560		9.0000	46.0000	46.0000
1075802	428.10	429.10	0.0360		3.0000	27.0000	112.0000
1075803	429.10	430.10	0.0230		2.0000	12.0000	77.0000
1075804	430.10	431.03	0.0090		1.0000	16.0000	28.0000
1075805	431.03	432.00	0.0100		1.0000	10.0000	32.0000
1075807	432.00	433.00	0.0010		0.5000	10.0000	82.0000
1075808	433.00	434.00	0.0020		0.5000	6.0000	34.0000
1075809	434.00	435.00	0.0110		1.0000	10.0000	44.0000
1075811	435.00	436.00	0.0180		1.0000	8.0000	41.0000



Hole Number: TL11186A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075812	436.00	437.00	0.0070		1.0000	9.0000	56.0000
1075813	437.00	438.00	0.0030		0.5000	3.0000	26.0000
1075814	438.00	438.92	0.0020		1.0000	7.0000	85.0000
1075815	438.92	439.97	0.0005		1.0000	10.0000	45.0000
1075816	439.97	440.92	0.0005		2.0000	15.0000	40.0000
1075817	440.92	441.92	0.6560		82.0000	127.0000	1067.0000
1075818	441.92	442.92	0.2590		84.0000	110.0000	193.0000
1075819	442.92	443.87	0.0005		3.0000	24.0000	39.0000
1075821	443.87	444.87	0.0005		1.0000	14.0000	27.0000
1075822	444.87	445.87	0.0040		2.0000	22.0000	59.0000
1075823	445.87	446.87	0.0005		1.0000	20.0000	74.0000
1075824	446.87	447.73	0.0005		2.0000	36.0000	61.0000
1075825	447.73	449.00	0.0020		2.0000	28.0000	75.0000
1075827	449.00	450.00	0.0005		1.0000	22.0000	64.0000
1075828	450.00	450.72	0.0310		1.0000	18.0000	51.0000
1075829	450.72	451.45	0.0005		1.0000	29.0000	35.0000
1075831	451.45	452.41	0.0030		2.0000	32.0000	90.0000
1075832	452.41	453.41	0.0050		3.0000	31.0000	100.0000
1075833	453.41	454.21	0.0150		2.0000	29.0000	78.0000
1075834	454.21	454.94	0.0140		2.0000	34.0000	66.0000
1075835	454.94	455.94	0.0005		0.5000	19.0000	17.0000
1075836	455.94	456.72	0.0005		0.5000	18.0000	135.0000
1075837	456.72	457.72	0.0005		0.5000	22.0000	51.0000
1075838	457.72	458.76	0.0005		0.5000	14.0000	18.0000
1075839	458.76	459.76	0.0005		0.5000	9.0000	17.0000
1075841	459.76	460.80	0.0005		0.5000	7.0000	16.0000
1075842	460.80	461.69	0.0120		0.5000	15.0000	38.0000
1075843	461.69	462.69	0.0100		0.5000	20.0000	30.0000
1075844	462.69	463.74	0.1740		2.0000	26.0000	56.0000
1075845	463.74	464.79	0.0190		1.0000	21.0000	70.0000
1075847	464.79	465.55	0.0250		2.0000	25.0000	81.0000
1075848	465.55	466.55	0.0290		2.0000	30.0000	269.0000
1075849	466.55	467.55	0.0140		1.0000	19.0000	62.0000
1075851	467.55	468.55	0.0150		1.0000	18.0000	102.0000
1075852	468.55	469.28	0.0160		1.0000	20.0000	47.0000
1075853	469.28	469.94	0.0190		2.0000	18.0000	42.0000
1075854	469.94	470.85	0.0260		1.0000	20.0000	52.0000
1075855	470.85	472.35	0.0320		4.0000	20.0000	65.0000
1075856	472.35	473.85	0.0180		2.0000	23.0000	53.0000

Hole Number: TL11186A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075857	492.71	494.16	0.0390		0.5000	29.0000	456.0000
1075858	494.16	495.00	0.0110		0.5000	32.0000	54.0000
1075859	495.00	495.89	0.0130		0.5000	27.0000	54.0000
1075861	495.89	496.53	0.0470		1.0000	32.0000	38.0000
1075862	496.53	497.29	0.0860		2.0000	52.0000	58.0000
1075863	497.29	498.56	0.1710		1.0000	42.0000	79.0000
1075864	498.56	499.88	0.3240		1.0000	37.0000	42.0000
1075865	499.88	500.88	0.5530		0.5000	30.0000	109.0000
1075867	500.88	501.95	0.1080		1.0000	44.0000	45.0000
1075868	501.95	502.92	0.2200		0.5000	34.0000	33.0000
1075869	502.92	503.71	0.2490		0.5000	43.0000	45.0000
1075871	503.71	504.48	0.1070		1.0000	111.0000	73.0000
1075872	504.48	505.48	0.8450		7.0000	443.0000	1088.0000
1075873	505.48	506.48	0.6690		4.0000	109.0000	334.0000
1075874	506.48	507.48	0.0660		0.5000	53.0000	192.0000
1075875	507.48	508.48	0.4370		4.0000	413.0000	2101.0000
1075876	508.48	509.70	0.2430		2.0000	188.0000	831.0000
1075877	509.70	510.70	0.1510		1.0000	244.0000	1252.0000
1075878	510.70	511.62	0.1200		1.0000	164.0000	417.0000
1075879	511.62	512.62	0.4040		4.0000	952.0000	4712.0000
1075881	512.62	513.47	0.1260		0.5000	28.0000	493.0000
1075882	513.47	515.86	0.0640		0.5000	36.0000	162.0000
1075883	515.86	516.32	0.1620		2.0000	35.0000	74.0000
1075884	516.32	517.77	0.1590		2.0000	26.0000	548.0000
1075885	517.77	519.32	0.2950		2.0000	40.0000	621.0000
1075887	519.32	520.82	0.0410		0.5000	29.0000	129.0000
1075888	520.82	522.10	0.0420		0.5000	13.0000	594.0000
Sample Type	CDUP						
1075766	369.79	371.27	0.0110		0.5000	13.0000	19.0000
1075786	415.45	416.06	0.8140		3.0000	27.0000	46.0000
1075806	431.03	432.00	0.0030		1.0000	11.0000	30.0000
1075826	447.73	449.00	0.0005		2.0000	20.0000	44.0000
1075846	463.74	464.79	0.0120		1.0000	21.0000	64.0000
1075866	499.88	500.88	1.0290		1.0000	43.0000	111.0000
1075886	517.77	519.32	0.1120		1.0000	41.0000	520.0000

# DETAILED LOG

Hole Number: TL11187

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -71.00
Project Number: TMI-TL	North: 5511737.64	North:	Collar Az: 346.00
Location: Zealand Township	East: 527353.67	East:	Length: 282.00
	Elev: 396.73	Elev:	Start Depth: 0.00
Date Started: Jul 02, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jul 04, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 282.00

Comments: Main zone from 161.32-117.36 and possibly 191.44-202.7m. C-zone from 253.35-277.85.  
 Main zone is pervasively ser and strong sil with ser alteration breaks from 165.36-168.6m and 171.05-176.2m. Best sample is 176-177.36m: 3%py, 2%sph, 1%gln and trace cpy.  
 Possible part of main zone or a close footwall zone. Very strongly ser with mod sil. 1-2% py, 1% sph and trace gln. Sulphide stringers are more abundant within first and last 3m of interval.  
 Strong patchy ser C-zone, trace-1% py with 2% sph from 253.35-254.1m.  
 ROD interval 201-204m not included due to block error. Data exceeds limit.

### Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	346.00	-71.00	EZ shot	OK	RETEST	12.00	346.30	-70.60	EZ shot	OK	
50.00	348.70	-68.30	EZ Sho	OK		54.00	341.10	-68.60	EZ shot	OK	
105.00	349.50	-67.80	EZ shot	OK		150.00	352.40	-63.40	EZ shot	OK	
201.00	357.40	-56.70	EZ shot	OK		282.00	356.90	-53.70	EZ shot	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	5.00	OB, Overburden									
5.00	21.31	BMS, Biotite Muscovite Schist Very weakly ser BMS with tr-1% py.	1005979	18.31	19.81	1.50	0.04		0.50	57.00	131.00
			1005981	19.81	21.31	1.50	0.03		0.50	68.00	114.00
21.31	31.83	MSS, Muscovite Sericite Schist Very strongly ser-sil hangingwall MSS (alt break from 24.72-26.65m). Tr-2% py and 1% sph from 24.00-24.72m.	1005982	21.31	22.81	1.50	0.05		0.50	64.00	106.00
			1005983	22.81	24.00	1.19	0.66		0.50	456.00	1253.00
			1005984	24.00	24.72	0.72	0.62		11.00	2721.00	4554.00
			1005985	24.72	26.65	1.93	0.20		2.00	110.00	176.00
			1005986	24.72	26.65	1.93	0.21		5.00	71.00	145.00
			1005987	26.65	27.65	1.00	0.01		0.50	52.00	93.00
			1005988	27.65	28.65	1.00	0.01		0.50	20.00	45.00
			1005989	28.65	29.65	1.00	0.01		0.50	38.00	190.00
			1005991	29.65	30.65	1.00	0.02		0.50	28.00	41.00
			1005992	30.65	31.83	1.18	0.01		2.00	58.00	65.00
31.83	100.05	BMS, Biotite Muscovite Schist Weakly ser BMS with local 1.5m sections highly fractured and very strongly ser. Trace-1% py.	1005993	31.83	33.33	1.50	0.16		0.50	131.00	407.00
			1005994	33.33	34.83	1.50	0.12		0.50	82.00	342.00
			1005995	97.05	98.55	1.50	0.03		0.50	57.00	128.00
			1005996	98.55	100.05	1.50	0.11		0.50	29.00	204.00

## DETAILED LOG

Hole Number: TL11187

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
100.05	105.36	MSS, Muscovite Sericite Schist Very strongly ser hangingwall MSS with 1% py.	1005997	100.05	101.05	1.00	0.17		0.50	19.00	135.00
			1005998	101.05	102.05	1.00	0.25		0.50	39.00	193.00
			1005999	102.05	103.05	1.00	0.11		0.50	139.00	179.00
			1077001	103.05	104.05	1.00	0.08		0.50	26.00	49.00
			1077002	104.05	105.36	1.31	0.15		0.50	25.00	48.00
105.36	132.37	BMS, Biotite Muscovite Schist	1077003	105.36	106.86	1.50	0.04		0.50	35.00	136.00
			1077004	106.86	108.36	1.50	0.16		0.50	25.00	98.00
			1077005	108.36	109.24	0.88	0.11		0.50	47.00	143.00
			1077006	108.36	109.24	0.88	0.06		0.50	52.00	136.00
			1077007	109.24	109.90	0.66	0.34		0.50	1109.00	4793.00
			1077008	109.90	110.90	1.00	0.15		0.50	42.00	144.00
			1077009	110.90	111.90	1.00	0.16		0.50	60.00	249.00
			1077011	111.90	113.40	1.50	0.05		0.50	43.00	91.00
			1077012	113.40	114.90	1.50	0.03		0.50	31.00	82.00
			1077013	114.90	116.40	1.50	0.03		0.50	34.00	274.00
			1077014	116.40	117.43	1.03	0.16		0.50	40.00	263.00
			1077015	117.43	118.05	0.62	0.77		3.00	483.00	8682.00
			1077016	118.05	119.55	1.50	0.12		0.50	46.00	118.00
			1077017	119.55	121.05	1.50	0.01		0.50	13.00	64.00
			1077018	121.05	122.45	1.40	0.01		0.50	17.00	70.00
			1077019	122.45	123.85	1.40	0.17		0.50	22.00	74.00
			1077021	123.85	125.25	1.40	0.19		0.50	28.00	76.00
			1077022	125.25	126.65	1.40	0.03		0.50	26.00	45.00
			1077023	126.65	128.05	1.40	0.04		0.50	28.00	85.00
			1077024	128.05	129.45	1.40	0.02		0.50	37.00	76.00
			1077025	129.45	130.83	1.38	0.03		0.50	38.00	115.00
			1077026	129.45	130.83	1.38	0.09		0.50	38.00	115.00
			1077027	130.83	132.37	1.54	0.08		0.50	40.00	147.00

## DETAILED LOG

Hole Number: TL11187

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
132.37	148.00	MSS, Muscovite Sericite Schist Very strongly ser and strongly sil hangingwall MSS with 1-2% py and trace sph, 1% sph and trace gln from 147-148m.	1077028	132.37	133.00	0.63	0.17		1.00	458.00	938.00
			1077029	133.00	134.00	1.00	0.02		1.00	17.00	86.00
			1077031	134.00	135.00	1.00	0.02		0.50	19.00	120.00
			1077032	135.00	136.00	1.00	0.03		0.50	23.00	50.00
			1077033	136.00	137.00	1.00	0.03		0.50	24.00	171.00
			1077034	137.00	138.00	1.00	0.02		0.50	19.00	125.00
			1077035	138.00	139.00	1.00	0.02		0.50	25.00	131.00
			1077036	139.00	140.00	1.00	0.02		0.50	17.00	62.00
			1077037	140.00	141.00	1.00	0.06		0.50	178.00	218.00
			1077038	141.00	142.00	1.00	0.30		0.50	414.00	1093.00
			1077039	142.00	143.00	1.00	0.18		0.50	47.00	139.00
			1077041	143.00	144.00	1.00	0.03		0.50	25.00	69.00
			1077042	144.00	145.00	1.00	0.04		0.50	25.00	57.00
			1077043	145.00	146.00	1.00	0.02		0.50	23.00	36.00
			1077044	146.00	147.00	1.00	0.12		0.50	72.00	132.00
			1077045	147.00	148.00	1.00	0.40		5.00	948.00	1040.00
			1077046	147.00	148.00	1.00	0.79		5.00	934.00	756.00
148.00	161.32	BMS, Biotite Muscovite Schist Wkly ser BMS with 1-2% py and 1% sph from 157.2-161.32m.	1077047	148.00	149.50	1.50	0.36		0.50	189.00	295.00
			1077048	149.50	151.00	1.50	0.06		0.50	182.00	235.00
			1077049	151.00	152.50	1.50	0.05		0.50	25.00	73.00
			1077051	152.50	154.00	1.50	0.02		0.50	19.00	37.00
			1077052	154.00	155.50	1.50	0.08		0.50	38.00	96.00
			1077053	155.50	157.00	1.50	0.06		0.50	52.00	95.00
			1077054	157.00	158.50	1.50	0.51		0.50	1271.00	1265.00
			1077055	158.50	160.00	1.50	0.22		5.00	2051.00	2505.00
			1077056	160.00	161.32	1.32	0.14		0.50	378.00	398.00
161.32	177.36	MSS, Muscovite Sericite Schist Pervasively ser and strong sil MSS Main zone (only part of it?) with ser alteration breaks from 165.36-168.6m and 171.05-176.2m. Sil goes through the ser gaps, and some sph-py stringers occur through it. Overall 1% py and trace sph. 176-177.36: 3%py, 2%sph, 1%gln and trace cpy.	1077057	161.32	162.32	1.00	0.22		0.50	668.00	1565.00
			1077058	162.32	163.32	1.00	0.12		0.50	253.00	627.00
			1077059	163.32	164.32	1.00	0.61		4.00	877.00	1269.00
			1077061	164.32	165.32	1.00	0.24		51.00	869.00	1790.00
			1077062	165.32	166.32	1.00	0.49		0.50	474.00	1899.00
			1077063	166.32	167.32	1.00	0.38		0.50	462.00	945.00
			1077064	167.32	168.32	1.00	0.46		0.50	220.00	315.00
			1077065	168.32	169.32	1.00	0.15		0.50	450.00	291.00
			1077066	168.32	169.32	1.00	0.13		0.50	473.00	266.00
			1077067	169.32	170.32	1.00	0.06		0.50	93.00	78.00
			1077068	170.32	171.00	0.68	0.41		3.00	1345.00	3648.00
			1077069	171.00	172.50	1.50	0.07		0.50	316.00	311.00
			1077071	172.50	174.00	1.50	0.24		1.00	380.00	841.00
			1077072	174.00	175.00	1.00	0.06		0.50	619.00	1143.00
			1077073	175.00	176.00	1.00	0.11		0.50	788.00	2870.00
			1077074	176.00	177.36	1.36	2.69		9.00	4507.00	8459.00

## DETAILED LOG

Hole Number: TL11187

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
177.36	178.65	BMS, Biotite Muscovite Schist Very weakly BMS between 2 mineralized MSS zones? or possible alteration break within main zone. Some sulphide stringers through the interval crosscut by mafic dykes.	1077075	177.36	178.65	1.29	0.21		0.50	938.00	1808.00
178.65	180.95	MD, Mafic Dyke Dark green mafic dyke with interstitial BMS from 180-180.5m. With 1% diss py and trace po. Interstitial BMS contains 1% sph as well.	1077076	178.65	178.85	0.20	0.14		0.50	60.00	383.00
			1077077	178.85	180.95	2.10	0.21		0.50	163.00	1046.00
180.95	182.72	BMS, Biotite Muscovite Schist Very weakly BMS between 2 mineralized MSS zones? or possible alteration break within main zone. 2% sph stringers and 2%py through the interval. Crosscut by mafic dykes.	1077078	180.95	181.80	0.85	0.34		0.50	2931.00	7229.00
			1077079	181.80	182.72	0.92	0.07		0.50	116.00	230.00
182.72	185.43	MD, Mafic Dyke Dark green mafic dyke with interstitial BMS from 183.13-183.39m. With 1% py and 1% po.	1077081	182.72	184.07	1.35	0.07		0.50	59.00	265.00
			1077082	184.07	185.43	1.36	0.05		8.00	53.00	194.00
185.43	191.44	BMS, Biotite Muscovite Schist Very weakly BMS between 2 mineralized MSS zones? or possible alteration break within main zone. Some sulphide stringers through the interval crosscut by mafic dykes.	1077083	185.43	186.43	1.00	0.12		0.50	95.00	242.00
			1077084	186.43	187.43	1.00	0.13		0.50	26.00	133.00
			1077085	187.43	188.43	1.00	0.44		0.50	65.00	154.00
			1077086	187.43	188.43	1.00	0.35		0.50	62.00	132.00
			1077087	188.43	189.43	1.00	0.76		0.50	79.00	484.00
			1077088	189.43	190.43	1.00	1.53		0.50	147.00	317.00
			1077089	190.43	191.44	1.01	0.39		0.50	42.00	117.00
191.44	202.70	MSS, Muscovite Sericite Schist Very strongly ser MSS with mod sil. Possibly part of main zone or a nearby footwall zone. 1-2% py, 1% sph and trace gln. Sulphide stringers are more abundant within first and last 3m of interval	1077091	191.44	192.00	0.56	0.36		1.00	2175.00	5058.00
			1077092	192.00	193.30	1.30	0.11		0.50	155.00	241.00
			1077093	193.30	194.30	1.00	0.17		1.00	107.00	398.00
			1077094	194.30	195.30	1.00	0.02		0.50	71.00	260.00
			1077095	195.30	196.30	1.00	0.05		0.50	620.00	444.00
			1077096	196.30	197.30	1.00	0.05		0.50	120.00	353.00
			1077097	197.30	198.30	1.00	0.05		0.50	379.00	322.00
			1077098	198.30	199.30	1.00	0.09		0.50	982.00	521.00
			1077099	199.30	200.30	1.00	0.34		0.50	3262.00	4403.00
			1077101	200.30	201.30	1.00	0.07		0.50	251.00	446.00
			1077102	201.30	202.70	1.40	0.07		0.50	138.00	153.00
202.70	206.30	BMS, Biotite Muscovite Schist	1077103	202.70	204.20	1.50	0.03		0.50	82.00	115.00
			1077104	204.20	205.70	1.50	0.02		0.50	64.00	63.00
206.30	207.55	MD, Mafic Dyke Dark green mafic dyke with trace diss py and po.									
207.55	221.08	BMS, Biotite Muscovite Schist									
221.08	221.75	MD, Mafic Dyke Dark green mafic dyke with trace diss py and po.									
221.75	253.35	BMS, Biotite Muscovite Schist Very wkly ser BMS, with trace py and po	1077105	250.35	251.85	1.50	0.03		1.00	73.00	191.00
			1077106	250.35	251.85	1.50	0.02		0.50	67.00	175.00
			1077107	251.85	253.35	1.50	0.10		0.50	43.00	146.00

# DETAILED LOG

Hole Number: TL11187

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
253.35	277.85	MSS, Muscovite Sericite Schist	1077108	253.35	254.35	1.00	4.15		17.00	723.00	4754.00
		Strong patchy ser, trace-1% py with 2% sph from 253.35-254.1m and trace sph from 254.1-265m. Trace aspy from 261-261.5m.	1077109	254.35	255.35	1.00	0.09		0.50	134.00	291.00
			1077111	255.35	256.35	1.00	0.07		0.50	50.00	836.00
			1077112	256.35	257.35	1.00	0.24		0.50	128.00	359.00
			1077113	257.35	258.35	1.00	0.07		0.50	96.00	387.00
			1077114	258.35	259.35	1.00	0.03		0.50	33.00	65.00
			1077115	259.35	260.35	1.00	0.02		0.50	42.00	99.00
			1077116	260.35	261.35	1.00	0.11		0.50	44.00	130.00
			1077117	261.35	262.35	1.00	0.03		0.50	44.00	70.00
			1077118	262.35	263.38	1.03	0.12		0.50	29.00	63.00
			1077119	263.38	264.38	1.00	0.19		1.00	23.00	58.00
			1077121	264.38	265.38	1.00	0.13		0.50	20.00	52.00
			1077122	265.38	266.30	0.92	0.79		0.50	25.00	52.00
			1077123	266.30	267.30	1.00	0.32		0.50	31.00	115.00
			1077124	267.30	268.30	1.00	0.12		0.50	43.00	84.00
			1077125	268.30	269.30	1.00	0.22		0.50	42.00	54.00
			1077126	268.30	269.30	1.00	0.11		0.50	38.00	52.00
			1077127	269.30	270.45	1.15	0.25		0.50	31.00	69.00
			1077128	270.45	271.50	1.05	0.05		0.50	32.00	73.00
			1077129	271.50	272.50	1.00	0.08		0.50	16.00	32.00
1077131	272.50	273.50	1.00	0.02		0.50	26.00	50.00			
1077132	273.50	274.50	1.00	0.03		0.50	86.00	353.00			
1077133	274.50	275.85	1.35	0.01		0.50	22.00	70.00			
1077134	275.85	276.85	1.00	0.03		0.50	19.00	46.00			
1077135	276.85	277.85	1.00	0.02		0.50	10.00	24.00			
277.85	282.00	BMS, Biotite Muscovite Schist	1077136	277.85	279.35	1.50	0.01		0.50	13.00	51.00
		Weakly ser BMS with trace py.	1077137	279.35	280.85	1.50	0.01		0.50	16.00	56.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005979	18.31	19.81	0.0350		0.5000	57.0000	131.0000
1005981	19.81	21.31	0.0270		0.5000	68.0000	114.0000
1005982	21.31	22.81	0.0490		0.5000	64.0000	106.0000
1005983	22.81	24.00	0.6580		0.5000	456.0000	1253.0000
1005984	24.00	24.72	0.6240		11.0000	2721.0000	4554.0000
1005985	24.72	26.65	0.2040		2.0000	110.0000	176.0000
1005987	26.65	27.65	0.0130		0.5000	52.0000	93.0000
1005988	27.65	28.65	0.0080		0.5000	20.0000	45.0000
1005989	28.65	29.65	0.0090		0.5000	38.0000	190.0000
1005991	29.65	30.65	0.0160		0.5000	28.0000	41.0000
1005992	30.65	31.83	0.0110		2.0000	58.0000	65.0000

Hole Number: TL11187

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1005993	31.83	33.33	0.1590		0.5000	131.0000	407.0000
1005994	33.33	34.83	0.1240		0.5000	82.0000	342.0000
1005995	97.05	98.55	0.0330		0.5000	57.0000	128.0000
1005996	98.55	100.05	0.1100		0.5000	29.0000	204.0000
1005997	100.05	101.05	0.1650		0.5000	19.0000	135.0000
1005998	101.05	102.05	0.2510		0.5000	39.0000	193.0000
1005999	102.05	103.05	0.1070		0.5000	139.0000	179.0000
1077001	103.05	104.05	0.0790		0.5000	26.0000	49.0000
1077002	104.05	105.36	0.1480		0.5000	25.0000	48.0000
1077003	105.36	106.86	0.0360		0.5000	35.0000	136.0000
1077004	106.86	108.36	0.1620		0.5000	25.0000	98.0000
1077005	108.36	109.24	0.1090		0.5000	47.0000	143.0000
1077007	109.24	109.90	0.3390		0.5000	1109.0000	4793.0000
1077008	109.90	110.90	0.1460		0.5000	42.0000	144.0000
1077009	110.90	111.90	0.1580		0.5000	60.0000	249.0000
1077011	111.90	113.40	0.0450		0.5000	43.0000	91.0000
1077012	113.40	114.90	0.0290		0.5000	31.0000	82.0000
1077013	114.90	116.40	0.0330		0.5000	34.0000	274.0000
1077014	116.40	117.43	0.1560		0.5000	40.0000	263.0000
1077015	117.43	118.05	0.7730		3.0000	483.0000	8682.0000
1077016	118.05	119.55	0.1220		0.5000	46.0000	118.0000
1077017	119.55	121.05	0.0100		0.5000	13.0000	64.0000
1077018	121.05	122.45	0.0120		0.5000	17.0000	70.0000
1077019	122.45	123.85	0.1710		0.5000	22.0000	74.0000
1077021	123.85	125.25	0.1930		0.5000	28.0000	76.0000
1077022	125.25	126.65	0.0340		0.5000	26.0000	45.0000
1077023	126.65	128.05	0.0350		0.5000	28.0000	85.0000
1077024	128.05	129.45	0.0180		0.5000	37.0000	76.0000
1077025	129.45	130.83	0.0330		0.5000	38.0000	115.0000
1077027	130.83	132.37	0.0780		0.5000	40.0000	147.0000
1077028	132.37	133.00	0.1680		1.0000	458.0000	938.0000
1077029	133.00	134.00	0.0190		1.0000	17.0000	86.0000
1077031	134.00	135.00	0.0180		0.5000	19.0000	120.0000
1077032	135.00	136.00	0.0270		0.5000	23.0000	50.0000
1077033	136.00	137.00	0.0340		0.5000	24.0000	171.0000
1077034	137.00	138.00	0.0180		0.5000	19.0000	125.0000
1077035	138.00	139.00	0.0170		0.5000	25.0000	131.0000
1077036	139.00	140.00	0.0180		0.5000	17.0000	62.0000
1077037	140.00	141.00	0.0580		0.5000	178.0000	218.0000



Hole Number: TL11187

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077038	141.00	142.00	0.2960		0.5000	414.0000	1093.0000
1077039	142.00	143.00	0.1750		0.5000	47.0000	139.0000
1077041	143.00	144.00	0.0290		0.5000	25.0000	69.0000
1077042	144.00	145.00	0.0400		0.5000	25.0000	57.0000
1077043	145.00	146.00	0.0170		0.5000	23.0000	36.0000
1077044	146.00	147.00	0.1210		0.5000	72.0000	132.0000
1077045	147.00	148.00	0.3970		5.0000	948.0000	1040.0000
1077047	148.00	149.50	0.3620		0.5000	189.0000	295.0000
1077048	149.50	151.00	0.0640		0.5000	182.0000	235.0000
1077049	151.00	152.50	0.0450		0.5000	25.0000	73.0000
1077051	152.50	154.00	0.0170		0.5000	19.0000	37.0000
1077052	154.00	155.50	0.0840		0.5000	38.0000	96.0000
1077053	155.50	157.00	0.0600		0.5000	52.0000	95.0000
1077054	157.00	158.50	0.5090		0.5000	1271.0000	1265.0000
1077055	158.50	160.00	0.2210		5.0000	2051.0000	2505.0000
1077056	160.00	161.32	0.1420		0.5000	378.0000	398.0000
1077057	161.32	162.32	0.2200		0.5000	668.0000	1565.0000
1077058	162.32	163.32	0.1180		0.5000	253.0000	627.0000
1077059	163.32	164.32	0.6080		4.0000	877.0000	1269.0000
1077061	164.32	165.32	0.2390		51.0000	869.0000	1790.0000
1077062	165.32	166.32	0.4880		0.5000	474.0000	1899.0000
1077063	166.32	167.32	0.3830		0.5000	462.0000	945.0000
1077064	167.32	168.32	0.4630		0.5000	220.0000	315.0000
1077065	168.32	169.32	0.1450		0.5000	450.0000	291.0000
1077067	169.32	170.32	0.0610		0.5000	93.0000	78.0000
1077068	170.32	171.00	0.4060		3.0000	1345.0000	3648.0000
1077069	171.00	172.50	0.0670		0.5000	316.0000	311.0000
1077071	172.50	174.00	0.2410		1.0000	380.0000	841.0000
1077072	174.00	175.00	0.0620		0.5000	619.0000	1143.0000
1077073	175.00	176.00	0.1100		0.5000	788.0000	2870.0000
1077074	176.00	177.36	2.6900		9.0000	4507.0000	8459.0000
1077075	177.36	178.65	0.2130		0.5000	938.0000	1808.0000
1077076	178.65	178.85	0.1370		0.5000	60.0000	383.0000
1077077	178.85	180.95	0.2050		0.5000	163.0000	1046.0000
1077078	180.95	181.80	0.3420		0.5000	2931.0000	7229.0000
1077079	181.80	182.72	0.0740		0.5000	116.0000	230.0000
1077081	182.72	184.07	0.0660		0.5000	59.0000	265.0000
1077082	184.07	185.43	0.0490		8.0000	53.0000	194.0000
1077083	185.43	186.43	0.1150		0.5000	95.0000	242.0000

Hole Number: TL11187

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077084	186.43	187.43	0.1290		0.5000	26.0000	133.0000
1077085	187.43	188.43	0.4440		0.5000	65.0000	154.0000
1077087	188.43	189.43	0.7570		0.5000	79.0000	484.0000
1077088	189.43	190.43	1.5280		0.5000	147.0000	317.0000
1077089	190.43	191.44	0.3870		0.5000	42.0000	117.0000
1077091	191.44	192.00	0.3570		1.0000	2175.0000	5058.0000
1077092	192.00	193.30	0.1050		0.5000	155.0000	241.0000
1077093	193.30	194.30	0.1650		1.0000	107.0000	398.0000
1077094	194.30	195.30	0.0190		0.5000	71.0000	260.0000
1077095	195.30	196.30	0.0480		0.5000	620.0000	444.0000
1077096	196.30	197.30	0.0480		0.5000	120.0000	353.0000
1077097	197.30	198.30	0.0460		0.5000	379.0000	322.0000
1077098	198.30	199.30	0.0860		0.5000	982.0000	521.0000
1077099	199.30	200.30	0.3370		0.5000	3262.0000	4403.0000
1077101	200.30	201.30	0.0680		0.5000	251.0000	446.0000
1077102	201.30	202.70	0.0680		0.5000	138.0000	153.0000
1077103	202.70	204.20	0.0270		0.5000	82.0000	115.0000
1077104	204.20	205.70	0.0200		0.5000	64.0000	63.0000
1077105	250.35	251.85	0.0270		1.0000	73.0000	191.0000
1077107	251.85	253.35	0.0960		0.5000	43.0000	146.0000
1077108	253.35	254.35	4.1460		17.0000	723.0000	4754.0000
1077109	254.35	255.35	0.0850		0.5000	134.0000	291.0000
1077111	255.35	256.35	0.0720		0.5000	50.0000	836.0000
1077112	256.35	257.35	0.2350		0.5000	128.0000	359.0000
1077113	257.35	258.35	0.0710		0.5000	96.0000	387.0000
1077114	258.35	259.35	0.0260		0.5000	33.0000	65.0000
1077115	259.35	260.35	0.0160		0.5000	42.0000	99.0000
1077116	260.35	261.35	0.1090		0.5000	44.0000	130.0000
1077117	261.35	262.35	0.0340		0.5000	44.0000	70.0000
1077118	262.35	263.38	0.1180		0.5000	29.0000	63.0000
1077119	263.38	264.38	0.1890		1.0000	23.0000	58.0000
1077121	264.38	265.38	0.1260		0.5000	20.0000	52.0000
1077122	265.38	266.30	0.7880		0.5000	25.0000	52.0000
1077123	266.30	267.30	0.3230		0.5000	31.0000	115.0000
1077124	267.30	268.30	0.1200		0.5000	43.0000	84.0000
1077125	268.30	269.30	0.2150		0.5000	42.0000	54.0000
1077127	269.30	270.45	0.2450		0.5000	31.0000	69.0000
1077128	270.45	271.50	0.0500		0.5000	32.0000	73.0000
1077129	271.50	272.50	0.0780		0.5000	16.0000	32.0000

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Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077131	272.50	273.50	0.0180		0.5000	26.0000	50.0000
1077132	273.50	274.50	0.0320		0.5000	86.0000	353.0000
1077133	274.50	275.85	0.0130		0.5000	22.0000	70.0000
1077134	275.85	276.85	0.0270		0.5000	19.0000	46.0000
1077135	276.85	277.85	0.0200		0.5000	10.0000	24.0000
1077136	277.85	279.35	0.0070		0.5000	13.0000	51.0000
1077137	279.35	280.85	0.0110		0.5000	16.0000	56.0000
Sample Type	CDUP						
1005986	24.72	26.65	0.2050		5.0000	71.0000	145.0000
1077006	108.36	109.24	0.0610		0.5000	52.0000	136.0000
1077026	129.45	130.83	0.0870		0.5000	38.0000	115.0000
1077046	147.00	148.00	0.7920		5.0000	934.0000	756.0000
1077066	168.32	169.32	0.1250		0.5000	473.0000	266.0000
1077086	187.43	188.43	0.3480		0.5000	62.0000	132.0000
1077106	250.35	251.85	0.0230		0.5000	67.0000	175.0000
1077126	268.30	269.30	0.1080		0.5000	38.0000	52.0000

# DETAILED LOG

Hole Number: TL11188

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -70.00
Project Number: TMI-TL	North: 5511785.53	North:	Collar Az: 350.00
Location: Zealand Township	East: 528085.56	East:	Length: 447.00
	Elev: 395.12	Elev:	Start Depth: 0.00
Date Started: May 25, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jun 07, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 447.00

Comments: Moderately sericitized MSS main zone from 264.62-367.22 m w/ sub zones of BMS. Large transition zones of alteration at the upper and lower contacts. Blebs of VG at 308.65 and 336.42 m. Section of abundant sph, py and po stringers at 306.26-306.30 m. Over entire interval 7-10% py, trace to 2% sph, local cp blebs and trace po, pb, asp, ank and pent.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	346.00	-71.00	EZ Sho	OK	RETEST DONE	21.00	346.30	-70.50	EZ Sho	OK	COMPLETED
54.00	346.10	-70.10	EZ Sho	OK		108.00	347.10	-69.30	EZ Sho	OK	
150.00	348.10	-67.30	EZ Sho	OK		201.00	349.60	-67.00	EZ Sho	OK	
252.00	349.00	-65.70	EZ Sho	OK		300.00	350.20	-65.00	EZ Sho	OK	
351.00	349.90	-63.40	EZ Sho	OK		354.00	350.00	-63.10	EZ Sho	OK	
402.00	351.20	-62.20	EZ Sho	OK		447.00	352.30	-61.70	EZ Sho	OK	

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	7.50	OB, Overburden									
7.50	145.21	BMS, Biotite Muscovite Schist	1075889	142.26	143.71	1.45	0.02		0.50	23.00	90.00
		Typical BMS interval. 6 fault zones. 6-7% py and trace sph.	1075891	143.71	145.21	1.50	0.04		1.00	42.00	134.00
145.21	154.60	MSS, Muscovite Sericite Schist	1075892	145.21	146.17	0.96	0.06		1.00	77.00	268.00
		Strongly sericitized MSS hanging wall. 8-9% py and trace sph.	1075893	146.17	147.17	1.00	0.08		2.00	99.00	253.00
			1075894	147.17	148.71	1.54	0.02		1.00	46.00	400.00
			1075895	148.71	150.21	1.50	0.01		1.00	90.00	167.00
			1075896	150.21	151.71	1.50	0.03		1.00	58.00	381.00
			1075897	151.71	153.21	1.50	0.02		1.00	49.00	217.00
			1075898	153.21	154.60	1.39	0.03		1.00	72.00	239.00

## DETAILED LOG

Hole Number: TL11188

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
154.60	202.09	BMS, Biotite Muscovite Schist BMS interval w/ local increases in ser altn. 4 folds and one fault zone present. 6-7% py, 1-2% sph and trace po.	1075899	154.60	156.10	1.50	0.01		1.00	38.00	138.00
			1075901	156.10	157.60	1.50	0.04		2.00	45.00	154.00
			1075902	167.85	168.90	1.05	0.02		1.00	26.00	207.00
			1075903	168.90	170.00	1.10	0.02		0.50	21.00	101.00
			1075904	170.00	171.50	1.50	0.01		0.50	23.00	109.00
			1075905	179.12	180.62	1.50	0.01		1.00	36.00	193.00
			1075906	179.12	180.62	1.50	0.01		0.50	35.00	457.00
			1075907	180.62	181.62	1.00	0.01		0.50	35.00	197.00
			1075908	181.62	182.91	1.29	0.01		0.50	30.00	82.00
			1075909	182.91	183.92	1.01	0.05		1.00	42.00	175.00
			1075911	193.00	194.45	1.45	0.03		0.50	41.00	109.00
			1075912	194.45	195.22	0.77	0.02		0.50	108.00	197.00
			1075913	195.22	196.22	1.00	0.03		1.00	77.00	201.00
			1075914	200.59	202.09	1.50	0.01		1.00	31.00	126.00
202.09	211.49	MSS, Muscovite Sericite Schist MSS hanging wall w/ a transition zone at the lower contact as the ser altn decreases into the BMS. One microshear and one fold. 8-9% py and trace ank and galena.	1075915	202.09	203.00	0.91	0.02		1.00	113.00	362.00
			1075916	203.00	204.00	1.00	0.04		3.00	198.00	426.00
			1075917	204.00	205.00	1.00	0.02		1.00	56.00	123.00
			1075918	205.00	205.97	0.97	0.07		7.00	699.00	775.00
			1075919	205.97	207.00	1.03	0.04		4.00	395.00	424.00
			1075921	207.00	207.97	0.97	0.02		2.00	35.00	104.00
			1075922	207.97	209.51	1.54	0.24		22.00	55.00	209.00
			1075923	209.51	210.95	1.44	0.03		6.00	39.00	147.00
			1075924	210.95	211.49	0.54	0.00		1.00	16.00	46.00
211.49	234.51	BMS, Biotite Muscovite Schist Typical BMS interval. One weak fold. 10% py. Trace ASP & PO.	1075926	211.49	213.00	1.51	0.30		2.00	21.00	104.00
			1075925	211.49	213.00	1.51	0.14		2.00	18.00	95.00
			1075927	233.01	234.51	1.50	0.21		1.00	23.00	110.00

## DETAILED LOG

Hole Number: TL11188

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
234.51	256.14	MSS, Muscovite Sericite Schist MSS hanging wall with gradational upper and lower contacts. 6-7% pyrite, 5% sphalerite, trace galena and pyrrhotite. One microshear, two folds and two fault zones.	1075928	234.51	235.48	0.97	0.05		2.00	25.00	118.00
			1075929	235.48	236.45	0.97	0.06		4.00	220.00	2124.00
			1075931	236.45	237.45	1.00	0.16		3.00	57.00	191.00
			1075932	237.45	238.50	1.05	0.12		2.00	30.00	148.00
			1075933	238.50	239.44	0.94	0.01		0.50	19.00	76.00
			1075934	239.44	240.50	1.06	0.01		0.50	16.00	92.00
			1075935	240.50	241.50	1.00	0.01		0.50	15.00	89.00
			1075936	241.50	243.00	1.50	0.02		1.00	106.00	342.00
			1075937	243.00	244.50	1.50	0.01		1.00	25.00	104.00
			1075938	244.50	245.95	1.45	0.02		1.00	13.00	69.00
			1075939	245.95	247.41	1.46	0.01		1.00	17.00	68.00
			1075941	247.41	248.86	1.45	0.02		1.00	15.00	78.00
			1075942	248.86	250.33	1.47	0.02		1.00	32.00	165.00
			1075943	250.33	251.80	1.47	0.02		0.50	36.00	101.00
			1075944	251.80	253.27	1.47	0.02		1.00	16.00	85.00
			1075945	253.27	254.61	1.34	0.01		1.00	16.00	112.00
			1075946	253.27	254.61	1.34	0.02		0.50	11.00	112.00
			1075947	254.61	256.14	1.53	0.01		0.50	18.00	90.00
256.14	264.62	BMS, Biotite Muscovite Schist Typical BMS interval with a gradational lower contact. 7-8% py and trace asp.	1075948	256.14	257.72	1.58	0.01		0.50	10.00	84.00
			1075949	257.72	259.20	1.48	0.01		0.50	11.00	83.00
			1075951	259.20	260.14	0.94	0.03		0.50	9.00	82.00
			1075952	260.14	261.60	1.46	0.07		1.00	17.00	86.00
			1075953	261.60	263.14	1.54	0.01		0.50	13.00	82.00
			1075954	263.14	264.62	1.48	0.06		0.50	16.00	98.00

DETAILED LOG

Hole Number: TL11188

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
264.62	367.22	MSS, Muscovite Sericite Schist	1075955	264.62	265.62	1.00	0.26		1.00	24.00	98.00
		Moderately sericitized MSS main zone w/ sub zones of BMS. Large transition zones of alteration at the upper and lower contacts. 9 fault zones.	1075956	265.62	266.78	1.16	0.33		1.00	47.00	119.00
			1075957	266.78	267.20	0.42	0.08		1.00	52.00	183.00
			1075958	267.20	268.20	1.00	0.10		2.00	27.00	112.00
			1075959	268.20	269.42	1.22	0.03		1.00	41.00	149.00
			1075961	269.42	270.42	1.00	0.11		2.00	100.00	256.00
			1075962	270.42	271.46	1.04	0.27		2.00	82.00	112.00
			1075963	271.46	272.60	1.14	0.03		1.00	23.00	83.00
			1075964	272.60	273.69	1.09	0.02		0.50	29.00	120.00
			1075966	273.69	274.69	1.00	0.06		10.00	482.00	4218.00
			1075965	273.69	274.69	1.00	0.08		4.00	129.00	2962.00
			1075967	274.69	275.69	1.00	0.01		1.00	58.00	183.00
			1075968	275.69	276.57	0.88	0.01		1.00	25.00	99.00
			1075969	276.57	277.62	1.05	0.01		0.50	13.00	94.00
			1075971	277.62	278.62	1.00	0.01		0.50	35.00	160.00
			1075972	278.62	279.62	1.00	0.00		0.50	10.00	92.00
			1075973	279.62	280.62	1.00	0.03		0.50	10.00	79.00
			1075974	280.62	281.34	0.72	0.04		1.00	9.00	91.00
			1075975	281.34	282.34	1.00	0.03		1.00	15.00	68.00
			1075976	282.34	283.65	1.31	0.02		0.50	9.00	95.00
			1075977	283.65	284.65	1.00	0.15		1.00	24.00	65.00
			1075978	284.65	285.60	0.95	1.21		2.00	38.00	105.00
			1075979	285.60	286.60	1.00	0.04		1.00	44.00	128.00
			1075981	286.60	288.00	1.40	0.03		2.00	71.00	254.00
			1075982	288.00	289.43	1.43	0.02		1.00	97.00	143.00
			1075983	289.43	290.37	0.94	0.02		1.00	68.00	357.00
			1075984	290.37	291.37	1.00	0.09		2.00	157.00	173.00
			1075986	291.37	292.17	0.80	0.07		4.00	2360.00	2196.00
			1075985	291.37	292.17	0.80	0.07		5.00	2424.00	2623.00
			1075987	292.17	293.17	1.00	0.11		1.00	183.00	129.00
			1075988	293.17	294.17	1.00	0.41		3.00	32.00	103.00
			1075989	294.17	295.17	1.00	0.53		1.00	30.00	82.00
			1075991	295.17	296.04	0.87	0.10		2.00	103.00	108.00
			1075992	296.04	297.00	0.96	0.10		1.00	20.00	68.00
			1075993	297.00	298.04	1.04	0.20		1.00	25.00	71.00
			1075994	298.04	299.15	1.11	0.83		4.00	48.00	292.00
			1075995	299.15	300.15	1.00	0.07		3.00	43.00	109.00
			1075996	300.15	301.15	1.00	0.11		2.00	29.00	114.00
			1075997	301.15	302.45	1.30	0.17		3.00	39.00	97.00
			1075998	302.45	303.45	1.00	0.39		2.00	19.00	120.00
			1075999	303.45	304.45	1.00	0.08		2.00	12.00	197.00
			1076251	304.45	305.61	1.16	0.02		6.00	579.00	1428.00
			1076252	305.61	306.61	1.00	0.08		5.00	739.00	1848.00

## DETAILED LOG

Hole Number: TL11188

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1076253	306.61	307.50	0.89	0.03	0.03	0.50	82.00	133.00
			1076254	307.50	308.26	0.76	0.10	0.13	1.00	46.00	184.00
			1076255	308.26	308.76	0.50	0.03	4.25	2.00	18.00	90.00
			1076256	308.76	309.76	1.00	0.03	0.03	1.00	29.00	84.00
			1076257	309.76	310.76	1.00	0.11	0.06	1.00	16.00	82.00
			1076258	310.76	311.76	1.00	0.40	0.37	0.50	30.00	107.00
			1076259	311.76	312.76	1.00	0.29	0.32	1.00	44.00	86.00
			1076261	312.76	313.76	1.00	0.17	0.30	0.50	21.00	116.00
			1076262	313.76	314.76	1.00	0.11	0.08	1.00	18.00	75.00
			1076263	314.76	315.76	1.00	0.13	0.13	1.00	17.00	85.00
			1076264	315.76	316.73	0.97	0.20	0.28	1.00	58.00	163.00
			1076266	316.73	318.00	1.27	1.32		11.00	61.00	546.00
			1076265	316.73	318.00	1.27	1.30	0.91	4.00	30.00	245.00
			1076267	318.00	318.92	0.92	0.04		1.00	17.00	88.00
			1076268	318.92	319.55	0.63	0.07		0.50	10.00	83.00
			1076269	319.55	320.55	1.00	0.54		2.00	24.00	147.00
			1076271	320.55	321.37	0.82	0.08		2.00	30.00	111.00
			1076272	321.37	322.37	1.00	0.11		2.00	24.00	89.00
			1076273	322.37	323.33	0.96	0.14		3.00	49.00	152.00
			1076274	323.33	324.33	1.00	0.20		2.00	34.00	209.00
			1076275	324.33	325.33	1.00	0.30		2.00	81.00	161.00
			1076276	325.33	326.10	0.77	0.04		2.00	38.00	98.00
			1076277	326.10	327.10	1.00	0.03		0.50	35.00	68.00
			1076278	327.10	328.10	1.00	0.02		1.00	24.00	72.00
			1076279	328.10	328.95	0.85	0.00		1.00	77.00	123.00
			1076281	328.95	329.95	1.00	0.01		2.00	28.00	109.00
			1076282	329.95	330.95	1.00	0.09		3.00	74.00	128.00
			1076283	330.95	331.95	1.00	0.05		24.00	621.00	268.00
			1076284	331.95	333.00	1.05	0.05		3.00	28.00	110.00
			1076285	333.00	333.95	0.95	0.01		3.00	26.00	107.00
			1076286	333.00	333.95	0.95	0.01		3.00	20.00	114.00
			1076287	333.95	334.80	0.85	0.01		2.00	15.00	70.00
			1076288	334.80	335.23	0.43	0.01	0.01	1.00	17.00	80.00
			1076289	335.23	336.11	0.88	0.01	0.03	2.00	30.00	87.00
			1076291	336.11	336.64	0.53	1.21	0.83	93.00	291.00	916.00
			1076292	336.64	337.40	0.76	0.23	0.18	19.00	149.00	182.00
			1076293	337.40	338.30	0.90	0.10	0.09	9.00	150.00	150.00
			1076294	338.30	339.30	1.00	0.01	0.03	2.00	45.00	83.00
			1076295	339.30	340.30	1.00	0.04		2.00	49.00	136.00
			1076296	340.30	341.67	1.37	0.16		7.00	82.00	269.00
			1076297	341.67	342.72	1.05	0.03		2.00	57.00	228.00
			1076298	342.72	343.72	1.00	0.05		4.00	46.00	103.00
			1076299	343.72	344.72	1.00	0.04		2.00	31.00	70.00



## DETAILED LOG

Hole Number: TL11188

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1076301	344.72	345.72	1.00	0.04		3.00	171.00	150.00
			1076302	345.72	346.87	1.15	0.06		3.00	42.00	76.00
			1076303	346.87	347.87	1.00	0.30		12.00	80.00	423.00
			1076304	347.87	348.87	1.00	0.18		19.00	90.00	228.00
			1076305	348.87	349.96	1.09	0.01		2.00	25.00	94.00
			1076306	348.87	349.96	1.09	0.01		1.00	25.00	85.00
			1076307	349.96	350.96	1.00	0.02		1.00	11.00	57.00
			1076308	350.96	351.96	1.00	0.00		1.00	12.00	54.00
			1076309	351.96	353.08	1.12	0.00		0.50	25.00	48.00
			1076311	353.08	354.08	1.00	0.02		3.00	50.00	140.00
			1076312	354.08	355.08	1.00	0.01		1.00	21.00	82.00
			1076313	355.08	355.97	0.89	0.01		1.00	12.00	56.00
			1076314	355.97	357.00	1.03	0.01		1.00	13.00	65.00
			1076315	357.00	358.00	1.00	0.00		1.00	13.00	60.00
			1076316	358.00	359.00	1.00	0.01		1.00	13.00	59.00
			1076317	359.00	360.12	1.12	0.01		1.00	17.00	76.00
			1076318	360.12	361.12	1.00	0.01		1.00	14.00	47.00
			1076319	361.12	362.00	0.88	0.01		1.00	15.00	42.00
			1076321	362.00	363.00	1.00	0.01		1.00	17.00	86.00
			1076322	363.00	364.00	1.00	0.01		1.00	13.00	63.00
			1076323	364.00	365.22	1.22	0.01		1.00	18.00	84.00
			1076324	365.22	366.24	1.02	0.02		3.00	24.00	106.00
			1076325	366.24	367.22	0.98	0.05		4.00	51.00	195.00
			1076326	366.24	367.22	0.98	0.01		2.00	28.00	97.00
367.22	383.13	BMS, Biotite Muscovite Schist Typical BMS interval with weak sericitization increasing slightly towards the lower contact. 3 folds. 10-11% py and 1% asp.	1076327	367.22	368.77	1.55	0.05		4.00	60.00	274.00
			1076328	381.61	383.13	1.52	0.07		2.00	116.00	186.00
383.13	388.59	MSS, Muscovite Sericite Schist Strong-mod sericitized MSS footwall w/ gradational lower contact. 8% py, trace gal. & sph.	1076329	383.13	384.65	1.52	0.12		2.00	49.00	342.00
			1076331	384.65	386.17	1.52	0.04		2.00	41.00	105.00
			1076332	386.17	387.17	1.00	0.07		0.50	16.00	125.00
			1076333	387.17	388.59	1.42	0.02		0.50	17.00	140.00

DETAILED LOG

Hole Number: TL11188

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
388.59	447.00	BMS, Biotite Muscovite Schist Typical BMS w/ gradational upper contact. Weak-v. weak ser. alteration. 7 folds & 1 microshear. 10% py, 5% asp, 1% sph, trace cp & gal.	1076334	388.59	390.14	1.55	0.05		1.00	80.00	208.00
			1076335	390.14	391.64	1.50	0.02		2.00	165.00	253.00
			1076336	391.64	393.14	1.50	3.53		0.50	17.00	82.00
			1076337	393.14	394.60	1.46	0.20		1.00	69.00	167.00
			1076338	394.60	396.10	1.50	0.15		1.00	37.00	102.00
			1076339	396.10	397.60	1.50	0.02		1.00	16.00	82.00
			1076341	397.60	399.10	1.50	0.05		1.00	15.00	106.00
			1076342	399.10	400.60	1.50	0.02		1.00	16.00	83.00
			1076343	400.60	402.10	1.50	0.05		1.00	26.00	127.00
			1076344	402.10	403.60	1.50	0.04		1.00	20.00	128.00
			1076345	403.60	405.10	1.50	0.09		1.00	27.00	141.00
			1076346	403.60	405.10	1.50	0.07		1.00	26.00	165.00
			1076347	405.10	406.60	1.50	0.13		2.00	50.00	506.00
			1076348	406.60	408.10	1.50	0.59		2.00	158.00	276.00
			1076349	408.10	408.97	0.87	0.22		2.00	136.00	289.00
			1076351	408.97	409.88	0.91	0.18		2.00	64.00	358.00
			1076352	418.50	420.00	1.50	0.20		0.50	19.00	130.00
			1076353	420.00	421.50	1.50	0.02		0.50	22.00	96.00
		1076354	421.50	422.90	1.40	0.03		1.00	20.00	234.00	
		1076355	435.24	436.24	1.00	0.03		1.00	72.00	248.00	

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075889	142.26	143.71	0.0240		0.5000	23.0000	90.0000
1075891	143.71	145.21	0.0370		1.0000	42.0000	134.0000
1075892	145.21	146.17	0.0550		1.0000	77.0000	268.0000
1075893	146.17	147.17	0.0810		2.0000	99.0000	253.0000
1075894	147.17	148.71	0.0170		1.0000	46.0000	400.0000
1075895	148.71	150.21	0.0120		1.0000	90.0000	167.0000
1075896	150.21	151.71	0.0320		1.0000	58.0000	381.0000
1075897	151.71	153.21	0.0190		1.0000	49.0000	217.0000
1075898	153.21	154.60	0.0290		1.0000	72.0000	239.0000
1075899	154.60	156.10	0.0140		1.0000	38.0000	138.0000
1075901	156.10	157.60	0.0440		2.0000	45.0000	154.0000
1075902	167.85	168.90	0.0180		1.0000	26.0000	207.0000
1075903	168.90	170.00	0.0200		0.5000	21.0000	101.0000
1075904	170.00	171.50	0.0130		0.5000	23.0000	109.0000
1075905	179.12	180.62	0.0120		1.0000	36.0000	193.0000
1075907	180.62	181.62	0.0130		0.5000	35.0000	197.0000
1075908	181.62	182.91	0.0110		0.5000	30.0000	82.0000

Hole Number: TL11188

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075909	182.91	183.92	0.0500		1.0000	42.0000	175.0000
1075911	193.00	194.45	0.0250		0.5000	41.0000	109.0000
1075912	194.45	195.22	0.0210		0.5000	108.0000	197.0000
1075913	195.22	196.22	0.0260		1.0000	77.0000	201.0000
1075914	200.59	202.09	0.0090		1.0000	31.0000	126.0000
1075915	202.09	203.00	0.0190		1.0000	113.0000	362.0000
1075916	203.00	204.00	0.0400		3.0000	198.0000	426.0000
1075917	204.00	205.00	0.0220		1.0000	56.0000	123.0000
1075918	205.00	205.97	0.0670		7.0000	699.0000	775.0000
1075919	205.97	207.00	0.0390		4.0000	395.0000	424.0000
1075921	207.00	207.97	0.0150		2.0000	35.0000	104.0000
1075922	207.97	209.51	0.2390		22.0000	55.0000	209.0000
1075923	209.51	210.95	0.0250		6.0000	39.0000	147.0000
1075924	210.95	211.49	0.0010		1.0000	16.0000	46.0000
1075925	211.49	213.00	0.1360		2.0000	18.0000	95.0000
1075927	233.01	234.51	0.2070		1.0000	23.0000	110.0000
1075928	234.51	235.48	0.0460		2.0000	25.0000	118.0000
1075929	235.48	236.45	0.0580		4.0000	220.0000	2124.0000
1075931	236.45	237.45	0.1620		3.0000	57.0000	191.0000
1075932	237.45	238.50	0.1180		2.0000	30.0000	148.0000
1075933	238.50	239.44	0.0080		0.5000	19.0000	76.0000
1075934	239.44	240.50	0.0050		0.5000	16.0000	92.0000
1075935	240.50	241.50	0.0090		0.5000	15.0000	89.0000
1075936	241.50	243.00	0.0160		1.0000	106.0000	342.0000
1075937	243.00	244.50	0.0140		1.0000	25.0000	104.0000
1075938	244.50	245.95	0.0230		1.0000	13.0000	69.0000
1075939	245.95	247.41	0.0120		1.0000	17.0000	68.0000
1075941	247.41	248.86	0.0150		1.0000	15.0000	78.0000
1075942	248.86	250.33	0.0190		1.0000	32.0000	165.0000
1075943	250.33	251.80	0.0170		0.5000	36.0000	101.0000
1075944	251.80	253.27	0.0160		1.0000	16.0000	85.0000
1075945	253.27	254.61	0.0100		1.0000	16.0000	112.0000
1075947	254.61	256.14	0.0110		0.5000	18.0000	90.0000
1075948	256.14	257.72	0.0100		0.5000	10.0000	84.0000
1075949	257.72	259.20	0.0070		0.5000	11.0000	83.0000
1075951	259.20	260.14	0.0320		0.5000	9.0000	82.0000
1075952	260.14	261.60	0.0680		1.0000	17.0000	86.0000
1075953	261.60	263.14	0.0130		0.5000	13.0000	82.0000
1075954	263.14	264.62	0.0630		0.5000	16.0000	98.0000

Hole Number: TL11188

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1075955	264.62	265.62	0.2560		1.0000	24.0000	98.0000
1075956	265.62	266.78	0.3330		1.0000	47.0000	119.0000
1075957	266.78	267.20	0.0770		1.0000	52.0000	183.0000
1075958	267.20	268.20	0.0990		2.0000	27.0000	112.0000
1075959	268.20	269.42	0.0320		1.0000	41.0000	149.0000
1075961	269.42	270.42	0.1100		2.0000	100.0000	256.0000
1075962	270.42	271.46	0.2670		2.0000	82.0000	112.0000
1075963	271.46	272.60	0.0310		1.0000	23.0000	83.0000
1075964	272.60	273.69	0.0210		0.5000	29.0000	120.0000
1075965	273.69	274.69	0.0750		4.0000	129.0000	2962.0000
1075967	274.69	275.69	0.0140		1.0000	58.0000	183.0000
1075968	275.69	276.57	0.0090		1.0000	25.0000	99.0000
1075969	276.57	277.62	0.0100		0.5000	13.0000	94.0000
1075971	277.62	278.62	0.0100		0.5000	35.0000	160.0000
1075972	278.62	279.62	0.0040		0.5000	10.0000	92.0000
1075973	279.62	280.62	0.0300		0.5000	10.0000	79.0000
1075974	280.62	281.34	0.0370		1.0000	9.0000	91.0000
1075975	281.34	282.34	0.0260		1.0000	15.0000	68.0000
1075976	282.34	283.65	0.0170		0.5000	9.0000	95.0000
1075977	283.65	284.65	0.1480		1.0000	24.0000	65.0000
1075978	284.65	285.60	1.2110		2.0000	38.0000	105.0000
1075979	285.60	286.60	0.0400		1.0000	44.0000	128.0000
1075981	286.60	288.00	0.0290		2.0000	71.0000	254.0000
1075982	288.00	289.43	0.0160		1.0000	97.0000	143.0000
1075983	289.43	290.37	0.0210		1.0000	68.0000	357.0000
1075984	290.37	291.37	0.0870		2.0000	157.0000	173.0000
1075985	291.37	292.17	0.0660		5.0000	2424.0000	2623.0000
1075987	292.17	293.17	0.1050		1.0000	183.0000	129.0000
1075988	293.17	294.17	0.4130		3.0000	32.0000	103.0000
1075989	294.17	295.17	0.5250		1.0000	30.0000	82.0000
1075991	295.17	296.04	0.1010		2.0000	103.0000	108.0000
1075992	296.04	297.00	0.0950		1.0000	20.0000	68.0000
1075993	297.00	298.04	0.2020		1.0000	25.0000	71.0000
1075994	298.04	299.15	0.8300		4.0000	48.0000	292.0000
1075995	299.15	300.15	0.0710		3.0000	43.0000	109.0000
1075996	300.15	301.15	0.1110		2.0000	29.0000	114.0000
1075997	301.15	302.45	0.1680		3.0000	39.0000	97.0000
1075998	302.45	303.45	0.3910		2.0000	19.0000	120.0000
1075999	303.45	304.45	0.0840		2.0000	12.0000	197.0000

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Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076251	304.45	305.61	0.0190		6.0000	579.0000	1428.0000
1076252	305.61	306.61	0.0770		5.0000	739.0000	1848.0000
1076253	306.61	307.50	0.0310	0.0320	0.5000	82.0000	133.0000
1076254	307.50	308.26	0.0950	0.1340	1.0000	46.0000	184.0000
1076255	308.26	308.76	0.0340	4.2480	2.0000	18.0000	90.0000
1076256	308.76	309.76	0.0300	0.0300	1.0000	29.0000	84.0000
1076257	309.76	310.76	0.1070	0.0640	1.0000	16.0000	82.0000
1076258	310.76	311.76	0.3960	0.3670	0.5000	30.0000	107.0000
1076259	311.76	312.76	0.2870	0.3240	1.0000	44.0000	86.0000
1076261	312.76	313.76	0.1720	0.3020	0.5000	21.0000	116.0000
1076262	313.76	314.76	0.1120	0.0790	1.0000	18.0000	75.0000
1076263	314.76	315.76	0.1310	0.1340	1.0000	17.0000	85.0000
1076264	315.76	316.73	0.1960	0.2810	1.0000	58.0000	163.0000
1076265	316.73	318.00	1.3030	0.9060	4.0000	30.0000	245.0000
1076267	318.00	318.92	0.0360		1.0000	17.0000	88.0000
1076268	318.92	319.55	0.0670		0.5000	10.0000	83.0000
1076269	319.55	320.55	0.5360		2.0000	24.0000	147.0000
1076271	320.55	321.37	0.0810		2.0000	30.0000	111.0000
1076272	321.37	322.37	0.1140		2.0000	24.0000	89.0000
1076273	322.37	323.33	0.1400		3.0000	49.0000	152.0000
1076274	323.33	324.33	0.1980		2.0000	34.0000	209.0000
1076275	324.33	325.33	0.3040		2.0000	81.0000	161.0000
1076276	325.33	326.10	0.0380		2.0000	38.0000	98.0000
1076277	326.10	327.10	0.0270		0.5000	35.0000	68.0000
1076278	327.10	328.10	0.0230		1.0000	24.0000	72.0000
1076279	328.10	328.95	0.0040		1.0000	77.0000	123.0000
1076281	328.95	329.95	0.0130		2.0000	28.0000	109.0000
1076282	329.95	330.95	0.0920		3.0000	74.0000	128.0000
1076283	330.95	331.95	0.0540		24.0000	621.0000	268.0000
1076284	331.95	333.00	0.0470		3.0000	28.0000	110.0000
1076285	333.00	333.95	0.0110		3.0000	26.0000	107.0000
1076287	333.95	334.80	0.0110		2.0000	15.0000	70.0000
1076288	334.80	335.23	0.0050	0.0090	1.0000	17.0000	80.0000
1076289	335.23	336.11	0.0130	0.0270	2.0000	30.0000	87.0000
1076291	336.11	336.64	1.2060	0.8250	93.0000	291.0000	916.0000
1076292	336.64	337.40	0.2320	0.1790	19.0000	149.0000	182.0000
1076293	337.40	338.30	0.1020	0.0880	9.0000	150.0000	150.0000
1076294	338.30	339.30	0.0120	0.0280	2.0000	45.0000	83.0000
1076295	339.30	340.30	0.0370		2.0000	49.0000	136.0000

Hole Number: TL11188

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076296	340.30	341.67	0.1560		7.0000	82.0000	269.0000
1076297	341.67	342.72	0.0330		2.0000	57.0000	228.0000
1076298	342.72	343.72	0.0460		4.0000	46.0000	103.0000
1076299	343.72	344.72	0.0420		2.0000	31.0000	70.0000
1076301	344.72	345.72	0.0400		3.0000	171.0000	150.0000
1076302	345.72	346.87	0.0580		3.0000	42.0000	76.0000
1076303	346.87	347.87	0.2970		12.0000	80.0000	423.0000
1076304	347.87	348.87	0.1820		19.0000	90.0000	228.0000
1076305	348.87	349.96	0.0060		2.0000	25.0000	94.0000
1076307	349.96	350.96	0.0150		1.0000	11.0000	57.0000
1076308	350.96	351.96	0.0030		1.0000	12.0000	54.0000
1076309	351.96	353.08	0.0030		0.5000	25.0000	48.0000
1076311	353.08	354.08	0.0230		3.0000	50.0000	140.0000
1076312	354.08	355.08	0.0100		1.0000	21.0000	82.0000
1076313	355.08	355.97	0.0060		1.0000	12.0000	56.0000
1076314	355.97	357.00	0.0060		1.0000	13.0000	65.0000
1076315	357.00	358.00	0.0040		1.0000	13.0000	60.0000
1076316	358.00	359.00	0.0050		1.0000	13.0000	59.0000
1076317	359.00	360.12	0.0060		1.0000	17.0000	76.0000
1076318	360.12	361.12	0.0120		1.0000	14.0000	47.0000
1076319	361.12	362.00	0.0060		1.0000	15.0000	42.0000
1076321	362.00	363.00	0.0100		1.0000	17.0000	86.0000
1076322	363.00	364.00	0.0140		1.0000	13.0000	63.0000
1076323	364.00	365.22	0.0050		1.0000	18.0000	84.0000
1076324	365.22	366.24	0.0170		3.0000	24.0000	106.0000
1076325	366.24	367.22	0.0460		4.0000	51.0000	195.0000
1076327	367.22	368.77	0.0460		4.0000	60.0000	274.0000
1076328	381.61	383.13	0.0660		2.0000	116.0000	186.0000
1076329	383.13	384.65	0.1150		2.0000	49.0000	342.0000
1076331	384.65	386.17	0.0410		2.0000	41.0000	105.0000
1076332	386.17	387.17	0.0720		0.5000	16.0000	125.0000
1076333	387.17	388.59	0.0160		0.5000	17.0000	140.0000
1076334	388.59	390.14	0.0530		1.0000	80.0000	208.0000
1076335	390.14	391.64	0.0240		2.0000	165.0000	253.0000
1076336	391.64	393.14	3.5280		0.5000	17.0000	82.0000
1076337	393.14	394.60	0.1950		1.0000	69.0000	167.0000
1076338	394.60	396.10	0.1530		1.0000	37.0000	102.0000
1076339	396.10	397.60	0.0150		1.0000	16.0000	82.0000
1076341	397.60	399.10	0.0480		1.0000	15.0000	106.0000

Hole Number: TL11188

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076342	399.10	400.60	0.0200		1.0000	16.0000	83.0000
1076343	400.60	402.10	0.0540		1.0000	26.0000	127.0000
1076344	402.10	403.60	0.0380		1.0000	20.0000	128.0000
1076345	403.60	405.10	0.0930		1.0000	27.0000	141.0000
1076347	405.10	406.60	0.1250		2.0000	50.0000	506.0000
1076348	406.60	408.10	0.5870		2.0000	158.0000	276.0000
1076349	408.10	408.97	0.2160		2.0000	136.0000	289.0000
1076351	408.97	409.88	0.1840		2.0000	64.0000	358.0000
1076352	418.50	420.00	0.1980		0.5000	19.0000	130.0000
1076353	420.00	421.50	0.0180		0.5000	22.0000	96.0000
1076354	421.50	422.90	0.0250		1.0000	20.0000	234.0000
1076355	435.24	436.24	0.0270		1.0000	72.0000	248.0000
Sample Type	CDUP						
1075906	179.12	180.62	0.0090		0.5000	35.0000	457.0000
1075926	211.49	213.00	0.3000		2.0000	21.0000	104.0000
1075946	253.27	254.61	0.0200		0.5000	11.0000	112.0000
1075966	273.69	274.69	0.0600		10.0000	482.0000	4218.0000
1075986	291.37	292.17	0.0740		4.0000	2360.0000	2196.0000
1076266	316.73	318.00	1.3150		11.0000	61.0000	546.0000
1076286	333.00	333.95	0.0130		3.0000	20.0000	114.0000
1076306	348.87	349.96	0.0050		1.0000	25.0000	85.0000
1076326	366.24	367.22	0.0080		2.0000	28.0000	97.0000
1076346	403.60	405.10	0.0720		1.0000	26.0000	165.0000

# DETAILED LOG

Hole Number: TL11189

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -70.00
Project Number: TMI-TL	North: 5511673.99	North:	Collar Az: 345.00
Location: Zealand Township	East: 527311.92	East:	Length: 363.00
	Elev: 398.10	Elev:	Start Depth: 0.00
Date Started: Jul 04, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jul 08, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 363.00

Comments: Main zone from 240.46-298.98m. C-zone from 331.06-356.26m.  
 Mod ser-sil main MSS zone, very strong ser locally from 242.20-243.85m and 294-298.98m. Best samples from 254.65-255.2 (2%py, 1%gln, trace sph) and 257.4-289.5 (2% py, tr-1%sph, trace gln and trace cpy from 274.85-275.25).  
 MSS C-zone, strong patchy ser, 333.56-334.41: 2%py, 1%sph. 335.61-336.13: 2%py, trace cp and gln. 336.13-336.9: 2%py, trace cpy and aspy. 2% po from 355.1-356.26m.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	345.00	-70.20	EZ Sho	OK	COMPLETED	18.00	345.60	-69.90	EZ Sho	OK	
57.00	345.70	-68.70	EZ Sho	OK		108.00	346.00	-66.30	EZ Sho	OK	
159.00	346.00	-65.50	EZ Sho	OK		261.00	347.90	-62.50	EZ Sho	OK	
306.00	348.70	-61.00	EZ Sho	OK		357.00	349.40	-58.50	EZ Sho	OK	
363.00	348.60	-58.20	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	6.00	OB, Overburden									
6.00	117.26	BMS, Biotite Muscovite Schist Very wkly ser BMS with trace py and po	1077138	114.26	115.76	1.50	0.02		0.50	65.00	99.00
			1077139	115.76	117.26	1.50	0.04		1.00	113.00	345.00
117.26	133.55	MSS, Muscovite Sericite Schist Very strongly ser-sil hangingwall MSS, with 1%py and 1%sph from 117.26-120m, followed by trace py.	1077141	117.26	118.48	1.22	0.06		2.00	462.00	817.00
			1077142	118.48	119.67	1.19	0.01		0.50	35.00	36.00
			1077143	119.67	120.17	0.50	0.64		9.00	1397.00	3847.00
			1077144	120.17	121.17	1.00	0.10		0.50	54.00	162.00
			1077145	121.17	122.59	1.42	0.02		0.50	25.00	41.00
			1077146	121.17	122.59	1.42	0.02		0.50	27.00	38.00
			1077147	122.59	124.09	1.50	0.06		2.00	73.00	111.00
			1077148	124.09	125.59	1.50	0.06		1.00	87.00	251.00
			1077149	125.59	127.09	1.50	0.05		1.00	42.00	112.00
			1077151	127.09	128.01	0.92	0.01		2.00	89.00	120.00
			1077152	128.01	129.00	0.99	0.01		0.50	33.00	41.00
			1077153	129.00	130.00	1.00	0.01		1.00	54.00	161.00
			1077154	130.00	131.00	1.00	0.02		0.50	39.00	42.00
			1077155	131.00	132.00	1.00	0.01		0.50	15.00	40.00
			1077156	132.00	133.55	1.55	0.01		0.50	20.00	73.00



Hole Number: TL11189

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
133.55	188.42	BMS, Biotite Muscovite Schist Very weakly ser BMS with 1-3% py. 3%py and 1%sph from 173.78-174.32m.	1077157	133.55	135.05	1.50	0.05		1.00	44.00	104.00
			1077158	135.05	136.55	1.50	0.03		0.50	49.00	105.00
			1077159	170.78	172.28	1.50	0.04		0.50	39.00	70.00
			1077161	172.28	173.78	1.50	0.14		0.50	83.00	484.00
			1077162	173.78	174.32	0.54	1.16		12.00	4563.00	4281.00
			1077163	174.32	175.82	1.50	0.03		0.50	89.00	80.00
			1077164	175.82	177.32	1.50	0.03		0.50	26.00	98.00
			1077165	177.32	178.82	1.50	0.04		1.00	24.00	83.00
			1077166	177.32	178.82	1.50	0.03		0.50	23.00	74.00
			1077167	178.82	180.32	1.50	0.03		0.50	18.00	79.00
			1077168	180.32	181.20	0.88	0.03		1.00	29.00	83.00
			1077169	181.20	181.90	0.70	0.01		2.00	20.00	312.00
			1077171	181.90	182.90	1.00	0.01		0.50	16.00	39.00
			1077172	182.90	183.90	1.00	0.01		0.50	13.00	56.00
			1077173	183.90	185.42	1.52	0.01		0.50	9.00	62.00
1077174	185.42	186.92	1.50	0.26		1.00	13.00	134.00			
1077175	186.92	188.42	1.50	0.06		1.00	17.00	52.00			
188.42	192.35	MSS, Muscovite Sericite Schist Very strongly ser-sil hangingwall MSS zone with 1-2% py and trace sph.	1077176	188.42	189.30	0.88	0.40		1.00	25.00	349.00
			1077177	189.30	190.30	1.00	0.79		3.00	418.00	533.00
			1077178	190.30	191.30	1.00	0.22		0.50	52.00	53.00
			1077179	191.30	192.35	1.05	0.13		0.50	75.00	165.00
192.35	218.91	BMS, Biotite Muscovite Schist Very wkly ser BMS with 1-2% py, localized sph and trace po. Strong pervasive ser from 204.7-205.97m.	1077181	192.35	193.85	1.50	0.11		1.00	35.00	58.00
			1077182	193.85	194.85	1.00	0.99		1.00	33.00	180.00
			1077183	194.85	195.82	0.97	0.05		1.00	33.00	87.00
			1077184	195.82	196.95	1.13	1.02		2.00	140.00	1515.00
			1077185	196.95	198.45	1.50	0.03		0.50	34.00	78.00
			1077186	196.95	198.45	1.50	0.06		0.50	34.00	59.00
			1077187	198.45	199.95	1.50	0.13		1.00	69.00	183.00
			1077188	214.41	215.91	1.50	0.06		0.50	11.00	72.00
			1077189	215.91	217.41	1.50	0.05		0.50	15.00	49.00
			1077191	217.41	218.91	1.50	0.13		0.50	49.00	122.00

## DETAILED LOG

Hole Number: TL11189

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
218.91	233.05	MSS, Muscovite Sericite Schist Very strongly ser-sil MSS with 2-3% py and local trace sph and gln.	1077192	218.91	219.91	1.00	0.04		0.50	31.00	109.00
			1077193	219.91	220.91	1.00	0.02		0.50	3.00	5.00
			1077194	220.91	221.91	1.00	0.02		0.50	11.00	24.00
			1077195	221.91	222.91	1.00	0.06		1.00	72.00	290.00
			1077196	222.91	223.91	1.00	0.04		0.50	23.00	75.00
			1077197	223.91	224.91	1.00	0.13		1.00	35.00	67.00
			1077198	224.91	225.91	1.00	0.11		1.00	43.00	177.00
			1077199	225.91	227.00	1.09	0.17		2.00	112.00	141.00
			1077201	227.00	228.00	1.00	0.18		2.00	140.00	325.00
			1077202	228.00	228.83	0.83	0.35		4.00	349.00	1525.00
			1077203	228.83	230.05	1.22	0.03		0.50	32.00	92.00
			1077204	230.05	231.05	1.00	0.05		0.50	40.00	115.00
			1077205	231.05	232.05	1.00	0.09		1.00	85.00	171.00
			1077206	231.05	232.05	1.00	0.08		2.00	68.00	289.00
1077207	232.05	233.05	1.00	0.42		0.50	66.00	105.00			
233.05	240.46	BMS, Biotite Muscovite Schist Very wkly ser BMS with andalusite? patches. 3-4% diss py. Possible alteration break within main zone.	1077208	233.05	234.55	1.50	0.52		2.00	64.00	235.00
			1077209	234.55	236.05	1.50	0.17		0.50	60.00	213.00
			1077211	236.05	237.55	1.50	0.22		2.00	215.00	221.00
			1077212	237.55	239.05	1.50	0.61		1.00	101.00	124.00
			1077213	239.05	240.46	1.41	0.88		1.00	132.00	184.00

DETAILED LOG

Hole Number: TL11189

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
240.46	298.98	MSS, Muscovite Sericite Schist	1077214	240.46	241.46	1.00	0.54		1.00	206.00	292.00
		Mod ser-sil main MSS zone, very strong ser locally from 242.20-243.85m and 294-298.98m. 2%py with local trace sph-ank-gln-po. Best samples from 254.65-255.2 (1%gln, trace sph) and 257.4-289.5 (tr-1%sph, trace gln and trace cpy from 274.85-275.25).	1077215	241.46	242.46	1.00	0.49		0.50	126.00	288.00
			1077216	242.46	242.96	0.50	0.45		2.00	459.00	1016.00
			1077217	242.96	243.96	1.00	3.12		1.00	474.00	523.00
			1077218	243.96	244.96	1.00	1.47		0.50	43.00	184.00
			1077219	244.96	246.00	1.04	0.58		0.50	25.00	132.00
			1077221	246.00	247.00	1.00	0.07		1.00	64.00	155.00
			1077222	247.00	248.10	1.10	0.17		3.00	143.00	256.00
			1077223	248.10	249.10	1.00	0.14		0.50	62.00	101.00
			1077224	249.10	249.70	0.60	0.20		4.00	1057.00	144.00
			1077225	249.70	250.70	1.00	0.03		0.50	55.00	109.00
			1077226	249.70	250.70	1.00	0.03		0.50	54.00	121.00
			1077227	250.70	251.70	1.00	0.04		0.50	127.00	728.00
			1077228	251.70	252.70	1.00	0.08		0.50	98.00	126.00
			1077229	252.70	253.70	1.00	0.88		3.00	374.00	690.00
			1077231	253.70	254.65	0.95	0.21		0.50	99.00	158.00
			1077232	254.65	255.20	0.55	0.52		10.00	2424.00	2350.00
			1077233	255.20	256.20	1.00	0.13		1.00	129.00	306.00
			1077234	256.20	257.20	1.00	0.14		0.50	62.00	102.00
			1077235	257.20	258.20	1.00	0.67		9.00	160.00	721.00
			1077236	258.20	259.20	1.00	0.47		3.00	204.00	387.00
			1077237	259.20	260.20	1.00	0.02		0.50	17.00	45.00
			1077238	260.20	261.20	1.00	0.02		0.50	9.00	40.00
			1077239	261.20	262.20	1.00	0.02		0.50	7.00	41.00
			1077241	262.20	263.20	1.00	0.02		0.50	6.00	43.00
			1077242	263.20	264.20	1.00	0.02		0.50	12.00	57.00
			1077243	264.20	265.20	1.00	0.03		0.50	8.00	41.00
			1077244	265.20	266.20	1.00	0.16		0.50	37.00	75.00
			1077245	266.20	267.20	1.00	0.62		3.00	459.00	816.00
			1077246	266.20	267.20	1.00	0.42		3.00	547.00	771.00
			1077247	267.20	268.20	1.00	0.21		1.00	133.00	107.00
			1077248	268.20	269.40	1.20	0.90		1.00	49.00	139.00
			1077249	269.40	270.40	1.00	0.57		0.50	37.00	78.00
			1077251	270.40	271.40	1.00	0.76		3.00	297.00	764.00
			1077252	271.40	272.40	1.00	0.25		1.00	125.00	1113.00
			1077253	272.40	273.68	1.28	0.39		2.00	80.00	148.00
			1077254	273.68	274.85	1.17	0.50		1.00	40.00	82.00
			1077255	274.85	275.25	0.40	0.30		4.00	434.00	796.00
			1077256	275.25	276.57	1.32	0.04		0.50	32.00	73.00
			1077257	276.57	277.57	1.00	0.06		3.00	645.00	1304.00
			1077258	277.57	278.57	1.00	0.02		0.50	36.00	76.00
			1077259	278.57	279.57	1.00	0.01		0.50	22.00	36.00
			1077261	279.57	280.57	1.00	0.03		1.00	330.00	545.00

# DETAILED LOG

Hole Number: TL11189

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1077262	280.57	281.57	1.00	0.04		0.50	32.00	59.00
			1077263	281.57	282.57	1.00	0.06		0.50	60.00	264.00
			1077264	282.57	283.57	1.00	0.09		0.50	103.00	116.00
			1077266	283.57	284.57	1.00	0.06		0.50	69.00	64.00
			1077265	283.57	284.57	1.00	0.07		0.50	50.00	66.00
			1077267	284.57	285.93	1.36	0.02		0.50	70.00	113.00
			1077268	285.93	286.43	0.50	0.14		6.00	1645.00	2638.00
			1077269	286.43	288.00	1.57	0.08		1.00	74.00	120.00
			1077271	288.00	289.00	1.00	0.03		1.00	122.00	130.00
			1077272	289.00	290.00	1.00	0.17		2.00	279.00	1371.00
			1077273	290.00	291.00	1.00	0.34		0.50	20.00	61.00
			1077274	291.00	292.00	1.00	0.14		0.50	17.00	42.00
			1077275	292.00	293.00	1.00	0.15		0.50	36.00	56.00
			1077276	293.00	294.00	1.00	0.09		0.50	179.00	140.00
			1077277	294.00	295.00	1.00	0.04		0.50	84.00	217.00
			1077278	295.00	296.00	1.00	0.03		0.50	18.00	28.00
			1077279	296.00	297.00	1.00	0.09		0.50	4.00	7.00
			1077281	297.00	298.00	1.00	0.20		0.50	3.00	4.00
			1077282	298.00	298.98	0.98	0.08		0.50	11.00	26.00
298.98	331.06	BMS, Biotite Muscovite Schist	1077283	298.98	300.50	1.52	0.08		0.50	26.00	74.00
		Very wkly ser BMS with 1-2%py and trace-1%sp and local gln in chl-ep-act-qtz band from 229.12-229.54m.	1077284	300.50	302.00	1.50	0.08		0.50	17.00	48.00
			1077285	302.00	303.50	1.50	0.18		0.50	151.00	113.00
			1077286	302.00	303.50	1.50	0.12		0.50	191.00	172.00
			1077287	324.60	326.10	1.50	0.01		0.50	54.00	296.00
			1077288	326.10	327.60	1.50	0.02		2.00	343.00	852.00
			1077289	327.60	329.10	1.50	0.01		0.50	32.00	75.00
			1077291	329.10	329.70	0.60	0.06		11.00	1277.00	1598.00
			1077292	329.70	331.06	1.36	0.03		0.50	48.00	68.00

# DETAILED LOG

Hole Number: TL11189

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
331.06	356.26	MSS, Muscovite Sericite Schist MSS C-zone, strong patchy ser, 1-2%py, trace po. 333.56-334.41: 1% sph. 335.61-336.13: Trace cp and gln. 336.13-336.9: Trace cpy and aspy. 2% po from 355.1-356.26m.	1077293	331.06	332.56	1.50	0.07		0.50	60.00	144.00
			1077294	332.56	333.56	1.00	0.46		0.50	92.00	132.00
			1077295	333.56	334.41	0.85	0.23		1.00	120.00	2436.00
			1077296	334.41	335.61	1.20	0.05		0.50	36.00	78.00
			1077297	335.61	336.13	0.52	0.21		3.00	144.00	1824.00
			1077298	336.13	336.90	0.77	0.23		4.00	207.00	610.00
			1077299	336.90	338.00	1.10	0.05		0.50	37.00	87.00
			1077301	338.00	339.00	1.00	0.08		0.50	41.00	152.00
			1077302	339.00	340.00	1.00	0.80		0.50	39.00	61.00
			1077303	340.00	341.00	1.00	0.02		0.50	22.00	55.00
			1077304	341.00	342.00	1.00	0.05		1.00	19.00	56.00
			1077305	342.00	342.95	0.95	0.05		0.50	19.00	75.00
			1077306	342.00	342.95	0.95	0.03		0.50	20.00	80.00
			1077307	342.95	344.10	1.15	0.05		0.50	20.00	42.00
			1077308	344.10	345.10	1.00	0.01		0.50	20.00	48.00
			1077309	345.10	346.10	1.00	0.03		0.50	18.00	78.00
			1077311	346.10	347.10	1.00	0.03		0.50	26.00	82.00
			1077312	347.10	348.10	1.00	0.02		0.50	18.00	40.00
			1077313	348.10	349.10	1.00	0.06		0.50	20.00	50.00
			1077314	349.10	350.62	1.52	0.02		0.50	9.00	40.00
1077315	350.62	351.60	0.98	0.04		0.50	7.00	33.00			
1077316	351.60	352.60	1.00	0.02		0.50	12.00	44.00			
1077317	352.60	353.60	1.00	0.01		0.50	17.00	44.00			
1077318	353.60	354.65	1.05	0.03		0.50	19.00	124.00			
1077319	354.65	355.40	0.75	1.63		1.00	90.00	155.00			
1077321	355.40	356.26	0.86	0.32		2.00	71.00	129.00			
356.26	363.00	BMS, Biotite Muscovite Schist Very wkly ser footwall BMS, trace py.	1077322	356.26	357.76	1.50	0.03		0.50	22.00	50.00
			1077323	357.76	359.26	1.50	0.01		0.50	5.00	44.00
			1077324	359.26	360.76	1.50	0.02		0.50	19.00	92.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077138	114.26	115.76	0.0180		0.5000	65.0000	99.0000
1077139	115.76	117.26	0.0430		1.0000	113.0000	345.0000
1077141	117.26	118.48	0.0580		2.0000	462.0000	817.0000
1077142	118.48	119.67	0.0110		0.5000	35.0000	36.0000
1077143	119.67	120.17	0.6360		9.0000	1397.0000	3847.0000
1077144	120.17	121.17	0.0990		0.5000	54.0000	162.0000
1077145	121.17	122.59	0.0160		0.5000	25.0000	41.0000
1077147	122.59	124.09	0.0550		2.0000	73.0000	111.0000
1077148	124.09	125.59	0.0620		1.0000	87.0000	251.0000

Hole Number: TL11189

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077149	125.59	127.09	0.0450		1.0000	42.0000	112.0000
1077151	127.09	128.01	0.0140		2.0000	89.0000	120.0000
1077152	128.01	129.00	0.0110		0.5000	33.0000	41.0000
1077153	129.00	130.00	0.0110		1.0000	54.0000	161.0000
1077154	130.00	131.00	0.0220		0.5000	39.0000	42.0000
1077155	131.00	132.00	0.0110		0.5000	15.0000	40.0000
1077156	132.00	133.55	0.0130		0.5000	20.0000	73.0000
1077157	133.55	135.05	0.0530		1.0000	44.0000	104.0000
1077158	135.05	136.55	0.0330		0.5000	49.0000	105.0000
1077159	170.78	172.28	0.0370		0.5000	39.0000	70.0000
1077161	172.28	173.78	0.1350		0.5000	83.0000	484.0000
1077162	173.78	174.32	1.1580		12.0000	4563.0000	4281.0000
1077163	174.32	175.82	0.0300		0.5000	89.0000	80.0000
1077164	175.82	177.32	0.0330		0.5000	26.0000	98.0000
1077165	177.32	178.82	0.0400		1.0000	24.0000	83.0000
1077167	178.82	180.32	0.0300		0.5000	18.0000	79.0000
1077168	180.32	181.20	0.0260		1.0000	29.0000	83.0000
1077169	181.20	181.90	0.0100		2.0000	20.0000	312.0000
1077171	181.90	182.90	0.0050		0.5000	16.0000	39.0000
1077172	182.90	183.90	0.0090		0.5000	13.0000	56.0000
1077173	183.90	185.42	0.0140		0.5000	9.0000	62.0000
1077174	185.42	186.92	0.2580		1.0000	13.0000	134.0000
1077175	186.92	188.42	0.0590		1.0000	17.0000	52.0000
1077176	188.42	189.30	0.4020		1.0000	25.0000	349.0000
1077177	189.30	190.30	0.7940		3.0000	418.0000	533.0000
1077178	190.30	191.30	0.2210		0.5000	52.0000	53.0000
1077179	191.30	192.35	0.1330		0.5000	75.0000	165.0000
1077181	192.35	193.85	0.1140		1.0000	35.0000	58.0000
1077182	193.85	194.85	0.9940		1.0000	33.0000	180.0000
1077183	194.85	195.82	0.0490		1.0000	33.0000	87.0000
1077184	195.82	196.95	1.0220		2.0000	140.0000	1515.0000
1077185	196.95	198.45	0.0310		0.5000	34.0000	78.0000
1077187	198.45	199.95	0.1260		1.0000	69.0000	183.0000
1077188	214.41	215.91	0.0640		0.5000	11.0000	72.0000
1077189	215.91	217.41	0.0450		0.5000	15.0000	49.0000
1077191	217.41	218.91	0.1340		0.5000	49.0000	122.0000
1077192	218.91	219.91	0.0400		0.5000	31.0000	109.0000
1077193	219.91	220.91	0.0150		0.5000	3.0000	5.0000
1077194	220.91	221.91	0.0150		0.5000	11.0000	24.0000

Hole Number: TL11189

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077195	221.91	222.91	0.0550		1.0000	72.0000	290.0000
1077196	222.91	223.91	0.0360		0.5000	23.0000	75.0000
1077197	223.91	224.91	0.1270		1.0000	35.0000	67.0000
1077198	224.91	225.91	0.1090		1.0000	43.0000	177.0000
1077199	225.91	227.00	0.1700		2.0000	112.0000	141.0000
1077201	227.00	228.00	0.1800		2.0000	140.0000	325.0000
1077202	228.00	228.83	0.3510		4.0000	349.0000	1525.0000
1077203	228.83	230.05	0.0330		0.5000	32.0000	92.0000
1077204	230.05	231.05	0.0520		0.5000	40.0000	115.0000
1077205	231.05	232.05	0.0940		1.0000	85.0000	171.0000
1077207	232.05	233.05	0.4190		0.5000	66.0000	105.0000
1077208	233.05	234.55	0.5160		2.0000	64.0000	235.0000
1077209	234.55	236.05	0.1710		0.5000	60.0000	213.0000
1077211	236.05	237.55	0.2180		2.0000	215.0000	221.0000
1077212	237.55	239.05	0.6140		1.0000	101.0000	124.0000
1077213	239.05	240.46	0.8760		1.0000	132.0000	184.0000
1077214	240.46	241.46	0.5370		1.0000	206.0000	292.0000
1077215	241.46	242.46	0.4930		0.5000	126.0000	288.0000
1077216	242.46	242.96	0.4540		2.0000	459.0000	1016.0000
1077217	242.96	243.96	3.1200		1.0000	474.0000	523.0000
1077218	243.96	244.96	1.4730		0.5000	43.0000	184.0000
1077219	244.96	246.00	0.5840		0.5000	25.0000	132.0000
1077221	246.00	247.00	0.0720		1.0000	64.0000	155.0000
1077222	247.00	248.10	0.1660		3.0000	143.0000	256.0000
1077223	248.10	249.10	0.1430		0.5000	62.0000	101.0000
1077224	249.10	249.70	0.1960		4.0000	1057.0000	144.0000
1077225	249.70	250.70	0.0310		0.5000	55.0000	109.0000
1077227	250.70	251.70	0.0360		0.5000	127.0000	728.0000
1077228	251.70	252.70	0.0750		0.5000	98.0000	126.0000
1077229	252.70	253.70	0.8770		3.0000	374.0000	690.0000
1077231	253.70	254.65	0.2060		0.5000	99.0000	158.0000
1077232	254.65	255.20	0.5180		10.0000	2424.0000	2350.0000
1077233	255.20	256.20	0.1300		1.0000	129.0000	306.0000
1077234	256.20	257.20	0.1430		0.5000	62.0000	102.0000
1077235	257.20	258.20	0.6740		9.0000	160.0000	721.0000
1077236	258.20	259.20	0.4670		3.0000	204.0000	387.0000
1077237	259.20	260.20	0.0190		0.5000	17.0000	45.0000
1077238	260.20	261.20	0.0200		0.5000	9.0000	40.0000
1077239	261.20	262.20	0.0230		0.5000	7.0000	41.0000

Hole Number: TL11189

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077241	262.20	263.20	0.0190		0.5000	6.0000	43.0000
1077242	263.20	264.20	0.0230		0.5000	12.0000	57.0000
1077243	264.20	265.20	0.0320		0.5000	8.0000	41.0000
1077244	265.20	266.20	0.1580		0.5000	37.0000	75.0000
1077245	266.20	267.20	0.6210		3.0000	459.0000	816.0000
1077247	267.20	268.20	0.2120		1.0000	133.0000	107.0000
1077248	268.20	269.40	0.9030		1.0000	49.0000	139.0000
1077249	269.40	270.40	0.5670		0.5000	37.0000	78.0000
1077251	270.40	271.40	0.7620		3.0000	297.0000	764.0000
1077252	271.40	272.40	0.2510		1.0000	125.0000	1113.0000
1077253	272.40	273.68	0.3940		2.0000	80.0000	148.0000
1077254	273.68	274.85	0.4950		1.0000	40.0000	82.0000
1077255	274.85	275.25	0.3010		4.0000	434.0000	796.0000
1077256	275.25	276.57	0.0380		0.5000	32.0000	73.0000
1077257	276.57	277.57	0.0590		3.0000	645.0000	1304.0000
1077258	277.57	278.57	0.0190		0.5000	36.0000	76.0000
1077259	278.57	279.57	0.0110		0.5000	22.0000	36.0000
1077261	279.57	280.57	0.0270		1.0000	330.0000	545.0000
1077262	280.57	281.57	0.0360		0.5000	32.0000	59.0000
1077263	281.57	282.57	0.0580		0.5000	60.0000	264.0000
1077264	282.57	283.57	0.0860		0.5000	103.0000	116.0000
1077265	283.57	284.57	0.0740		0.5000	50.0000	66.0000
1077267	284.57	285.93	0.0240		0.5000	70.0000	113.0000
1077268	285.93	286.43	0.1410		6.0000	1645.0000	2638.0000
1077269	286.43	288.00	0.0840		1.0000	74.0000	120.0000
1077271	288.00	289.00	0.0290		1.0000	122.0000	130.0000
1077272	289.00	290.00	0.1730		2.0000	279.0000	1371.0000
1077273	290.00	291.00	0.3390		0.5000	20.0000	61.0000
1077274	291.00	292.00	0.1420		0.5000	17.0000	42.0000
1077275	292.00	293.00	0.1480		0.5000	36.0000	56.0000
1077276	293.00	294.00	0.0870		0.5000	179.0000	140.0000
1077277	294.00	295.00	0.0370		0.5000	84.0000	217.0000
1077278	295.00	296.00	0.0260		0.5000	18.0000	28.0000
1077279	296.00	297.00	0.0910		0.5000	4.0000	7.0000
1077281	297.00	298.00	0.1970		0.5000	3.0000	4.0000
1077282	298.00	298.98	0.0760		0.5000	11.0000	26.0000
1077283	298.98	300.50	0.0760		0.5000	26.0000	74.0000
1077284	300.50	302.00	0.0810		0.5000	17.0000	48.0000
1077285	302.00	303.50	0.1790		0.5000	151.0000	113.0000



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Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077287	324.60	326.10	0.0090		0.5000	54.0000	296.0000
1077288	326.10	327.60	0.0170		2.0000	343.0000	852.0000
1077289	327.60	329.10	0.0070		0.5000	32.0000	75.0000
1077291	329.10	329.70	0.0590		11.0000	1277.0000	1598.0000
1077292	329.70	331.06	0.0280		0.5000	48.0000	68.0000
1077293	331.06	332.56	0.0700		0.5000	60.0000	144.0000
1077294	332.56	333.56	0.4580		0.5000	92.0000	132.0000
1077295	333.56	334.41	0.2250		1.0000	120.0000	2436.0000
1077296	334.41	335.61	0.0510		0.5000	36.0000	78.0000
1077297	335.61	336.13	0.2080		3.0000	144.0000	1824.0000
1077298	336.13	336.90	0.2270		4.0000	207.0000	610.0000
1077299	336.90	338.00	0.0500		0.5000	37.0000	87.0000
1077301	338.00	339.00	0.0820		0.5000	41.0000	152.0000
1077302	339.00	340.00	0.8020		0.5000	39.0000	61.0000
1077303	340.00	341.00	0.0220		0.5000	22.0000	55.0000
1077304	341.00	342.00	0.0450		1.0000	19.0000	56.0000
1077305	342.00	342.95	0.0470		0.5000	19.0000	75.0000
1077307	342.95	344.10	0.0480		0.5000	20.0000	42.0000
1077308	344.10	345.10	0.0090		0.5000	20.0000	48.0000
1077309	345.10	346.10	0.0330		0.5000	18.0000	78.0000
1077311	346.10	347.10	0.0330		0.5000	26.0000	82.0000
1077312	347.10	348.10	0.0240		0.5000	18.0000	40.0000
1077313	348.10	349.10	0.0580		0.5000	20.0000	50.0000
1077314	349.10	350.62	0.0170		0.5000	9.0000	40.0000
1077315	350.62	351.60	0.0360		0.5000	7.0000	33.0000
1077316	351.60	352.60	0.0180		0.5000	12.0000	44.0000
1077317	352.60	353.60	0.0130		0.5000	17.0000	44.0000
1077318	353.60	354.65	0.0270		0.5000	19.0000	124.0000
1077319	354.65	355.40	1.6250		1.0000	90.0000	155.0000
1077321	355.40	356.26	0.3160		2.0000	71.0000	129.0000
1077322	356.26	357.76	0.0250		0.5000	22.0000	50.0000
1077323	357.76	359.26	0.0050		0.5000	5.0000	44.0000
1077324	359.26	360.76	0.0150		0.5000	19.0000	92.0000
Sample Type	CDUP						
1077146	121.17	122.59	0.0180		0.5000	27.0000	38.0000
1077166	177.32	178.82	0.0340		0.5000	23.0000	74.0000
1077186	196.95	198.45	0.0560		0.5000	34.0000	59.0000
1077206	231.05	232.05	0.0790		2.0000	68.0000	289.0000
1077226	249.70	250.70	0.0340		0.5000	54.0000	121.0000

Hole Number: TL11189

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	CDUP						
1077246	266.20	267.20	0.4190		3.0000	547.0000	771.0000
1077266	283.57	284.57	0.0590		0.5000	69.0000	64.0000
1077286	302.00	303.50	0.1190		0.5000	191.0000	172.0000
1077306	342.00	342.95	0.0320		0.5000	20.0000	80.0000



DETAILED LOG

Hole Number: TL11190

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
218.92	462.79	BMS, Biotite Muscovite Schist Very wkly ser BMS with local mineralization: 2%py, trace sph and cpy from 320.13-320.83; 2%py, 1%sph, trace cp from 376.25-377.25.	1077325	317.13	318.63	1.50	0.03		1.00	14.00	120.0
			1077326	317.13	318.63	1.50	0.03		1.00	9.00	125.0
			1077327	318.63	320.13	1.50	0.13		3.00	9.00	123.0
			1077328	320.13	320.83	0.70	0.87		7.00	8.00	2852.0
			1077329	320.83	322.33	1.50	0.08		2.00	16.00	392.0
			1077331	322.33	323.83	1.50	0.24		3.00	27.00	182.0
			1077332	373.25	374.75	1.50	0.03		1.00	11.00	85.0
			1077333	374.75	376.25	1.50	0.03		1.00	17.00	87.0
			1077334	376.25	377.25	1.00	0.08		4.00	996.00	1830.0
			1077335	377.25	378.75	1.50	0.02		0.50	64.00	211.0
			1077336	378.75	380.25	1.50	0.05		1.00	218.00	1352.0
			1077337	459.79	461.29	1.50	0.02		1.00	30.00	102.0
			1077338	461.29	462.79	1.50	0.03		2.00	54.00	124.0
462.79	484.40	MSS, Muscovite Sericite Schist Very stronglys er and mod sil hangingwall MSS, with trace-1% py.	1077339	462.79	463.79	1.00	0.01		0.50	31.00	98.0
			1077341	463.79	464.79	1.00	0.01		1.00	27.00	69.0
			1077342	464.79	465.79	1.00	0.01		2.00	35.00	183.0
			1077343	465.79	466.79	1.00	0.01		1.00	38.00	144.0
			1077344	466.79	468.79	2.00	0.00		0.50	14.00	180.0
			1077346	468.79	469.79	1.00	0.01		1.00	13.00	79.0
			1077345	468.79	469.79	1.00	0.00		1.00	10.00	78.0
			1077347	469.79	470.79	1.00	0.00		0.50	13.00	93.0
			1077348	470.79	471.79	1.00	0.00		0.50	12.00	397.0
			1077349	471.79	472.79	1.00	0.00		1.00	12.00	77.0
			1077351	472.79	473.79	1.00	0.01		1.00	28.00	152.0
			1077352	473.79	475.25	1.46	0.01		2.00	505.00	752.0
			1077353	475.25	476.40	1.15	0.01		0.50	25.00	84.0
			1077354	476.40	477.40	1.00	0.02		1.00	33.00	132.0
			1077355	477.40	478.40	1.00	0.01		1.00	66.00	80.0
			1077356	478.40	479.40	1.00	0.01		1.00	17.00	59.0
			1077357	479.40	480.40	1.00	0.00		1.00	8.00	53.0
			1077358	480.40	481.40	1.00	0.00		1.00	16.00	67.0
			1077359	481.40	482.40	1.00	0.00		0.50	15.00	56.0
1077361	482.40	483.40	1.00	0.00		0.50	15.00	52.0			
1077362	483.40	484.40	1.00	0.01		1.00	19.00	144.0			
484.40	492.67	BMS, Biotite Muscovite Schist Very wkly ser BMS with 1-2% py.	1077363	484.40	485.90	1.50	0.00		0.50	19.00	87.0
			1077364	485.90	487.40	1.50	0.01		1.00	37.00	122.0
			1077365	487.40	488.90	1.50	0.02		1.00	35.00	255.0
			1077366	487.40	488.90	1.50	0.02		1.00	33.00	114.0
			1077367	488.90	490.40	1.50	0.01		0.50	19.00	83.0
			1077368	490.40	491.90	1.50	0.02		0.50	14.00	83.0
			1077369	491.90	492.67	0.77	0.02		1.00	22.00	104.0

## DETAILED LOG

Hole Number: TL11190

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
492.67	497.25	MSS, Muscovite Sericite Schist Very strongly ser and mod sil hangingwall MSS zone, 1-2% py. Trace sph from 492.67-493.5m.	1077371	492.67	493.67	1.00	0.04		1.00	31.00	352.00
			1077372	493.67	494.67	1.00	0.11		2.00	98.00	135.00
			1077373	494.67	495.67	1.00	0.21		2.00	53.00	127.00
			1077374	495.67	496.67	1.00	0.20		2.00	35.00	206.00
			1077375	496.67	497.25	0.58	0.16		4.00	59.00	769.00
497.25	523.55	BMS, Biotite Muscovite Schist Very wkly ser BMS, with 1-2%py that is associated with qtz-bio veins towards end of interval. These qtz-bio veins also contain a gold bleb at 521.25m. Local trace sph and gln.	1077376	497.25	498.75	1.50	0.05		2.00	27.00	81.00
			1077377	498.75	500.25	1.50	0.05		2.00	138.00	186.00
			1077378	500.25	501.75	1.50	0.02		1.00	31.00	142.00
			1077379	501.75	503.05	1.30	0.03		1.00	44.00	196.00
			1077381	503.05	504.55	1.50	0.01		1.00	40.00	92.00
			1077382	504.55	506.05	1.50	0.02		2.00	37.00	101.00
			1077383	506.05	507.05	1.00	0.01		2.00	69.00	107.00
			1077384	507.05	507.80	0.75	0.10		4.00	327.00	430.00
			1077385	507.80	509.30	1.50	0.07		2.00	85.00	200.00
			1077386	507.80	509.30	1.50	0.02		2.00	65.00	169.00
			1077387	509.30	510.80	1.50	0.04		3.00	78.00	127.00
			1077388	510.80	512.30	1.50	0.02		2.00	18.00	81.00
			1077389	512.30	513.80	1.50	0.02		2.00	18.00	76.00
			1077391	513.80	515.30	1.50	0.04		2.00	92.00	126.00
			1077392	515.30	516.80	1.50	0.07		2.00	26.00	90.00
			1077393	516.80	518.30	1.50	0.11		2.00	27.00	118.00
			1077394	518.30	519.80	1.50	0.40	1.18	2.00	81.00	104.00
			1077395	519.80	521.20	1.40	0.42	0.93	2.00	69.00	149.00
			1077396	521.20	521.80	0.60	0.44	5.52	3.00	122.00	305.00
			1077397	521.80	522.67	0.87	0.40	0.38	2.00	92.00	161.00
			1077398	522.67	523.55	0.88	0.24	0.27	2.00	54.00	109.00

## DETAILED LOG

Hole Number: TL11190

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
523.55	540.39	MSS, Muscovite Sericite Schist MSS main zone, with v.wk fuc, very strongly ser-sil to 527.1m then mod ser-sil. Best samples from 523.55-524.05 (15 VG blebs and 2% py), 525.25-525.85 (2 VG blebs, 3%py, 3%sph, trace gln/cpy) and 526.6-527.1 (1 VG bleb, 3%sph, 2%py, trace gln).	1077399	523.55	524.05	0.50	0.24	2.75	3.00	226.00	490.00
			1077401	524.05	525.25	1.20	0.37	0.64	3.00	209.00	344.00
			1077402	525.25	525.85	0.60	0.30	6.13	19.00	3077.00	7832.00
			1077403	525.85	526.60	0.75	0.02	3.71	4.00	209.00	287.00
			1077404	526.60	527.10	0.50	0.66	1.33	12.00	1291.00	2274.00
			1077406	527.10	528.10	1.00	0.13	0.22	2.00	77.00	272.00
			1077405	527.10	528.10	1.00	0.08	0.19	2.00	81.00	256.00
			1077407	528.10	529.10	1.00	0.14	0.22	0.50	88.00	269.00
			1077408	529.10	530.10	1.00	0.08		4.00	337.00	631.00
			1077409	530.10	531.10	1.00	0.01		1.00	35.00	107.00
			1077411	531.10	532.10	1.00	0.01		2.00	17.00	118.00
			1077412	532.10	533.10	1.00	0.01		1.00	14.00	144.00
			1077413	533.10	534.10	1.00	0.01		1.00	17.00	104.00
			1077414	534.10	534.80	0.70	0.01		1.00	17.00	99.00
			1077415	534.80	535.80	1.00	0.01		1.00	12.00	70.00
			1077416	535.80	536.80	1.00	0.00		1.00	9.00	66.00
			1077417	536.80	537.80	1.00	0.01		0.50	4.00	49.00
			1077418	537.80	539.30	1.50	0.01		1.00	10.00	77.00
			1077419	539.30	540.39	1.09	0.00		1.00	8.00	61.00
540.39	548.03	BMS, Biotite Muscovite Schist Very wkly ser BMS with tr-1% py and local 2% po (+pentl?).	1077421	540.39	541.89	1.50	0.02		1.00	12.00	123.00
			1077422	541.89	543.43	1.54	0.01		1.00	7.00	125.00
			1077423	543.43	544.93	1.50	0.00		1.00	9.00	96.00
			1077424	544.93	546.43	1.50	0.00		2.00	10.00	86.00
			1077425	546.43	548.03	1.60	0.00		1.00	14.00	68.00
			1077426	546.43	548.03	1.60	0.00		1.00	14.00	69.00
548.03	554.87	MSS, Muscovite Sericite Schist Pervasively ser-sil footwall MSS with v.wk fuc. Alteration breaks from 549.53-550.2m and 550.63-552.13m. 1-2%py in strongly altrered rock, trace py from 550.63-552.13m. Trace sph 552.13-554.87m.	1077427	548.03	548.76	0.73	0.02		2.00	17.00	70.00
			1077428	548.76	549.53	0.77	0.14		13.00	37.00	106.00
			1077429	549.53	550.13	0.60	0.01		4.00	38.00	82.00
			1077431	550.13	550.63	0.50	0.03		4.00	36.00	83.00
			1077432	550.63	552.13	1.50	0.00		2.00	17.00	65.00
			1077433	552.13	553.45	1.32	0.02		4.00	35.00	149.00
			1077434	553.45	554.87	1.42	0.04		13.00	60.00	329.00

## DETAILED LOG

Hole Number: TL11190

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
554.87	566.85	BMS, Biotite Muscovite Schist Footwall BMS zone, mod ser-sil to 564m, v. wk ser to 566.85m. Local fuc at 561.99m. Trace-3% py, local po.	1077435	554.87	555.85	0.98	0.00		2.00	21.00	61.00
			1077436	555.85	556.85	1.00	0.00		2.00	14.00	59.00
			1077437	556.85	557.85	1.00	0.00		3.00	53.00	95.00
			1077438	557.85	558.85	1.00	0.00		2.00	18.00	387.00
			1077439	558.85	559.85	1.00	0.00		0.50	14.00	57.00
			1077441	559.85	560.85	1.00	0.00		0.50	16.00	45.00
			1077442	560.85	561.85	1.00	0.00		1.00	10.00	45.00
			1077443	561.85	562.85	1.00	0.00		0.50	15.00	43.00
			1077444	562.85	563.85	1.00	0.00		1.00	19.00	54.00
			1077445	563.85	564.85	1.00	0.04		2.00	20.00	111.00
			1077446	563.85	564.85	1.00	0.03		1.00	22.00	113.00
			1077447	564.85	565.85	1.00	0.05		2.00	28.00	116.00
1077448	565.85	566.85	1.00	0.03		2.00	37.00	132.00			
566.85	572.45	MSS, Muscovite Sericite Schist Very strongly ser and wkly sil footwall MSS, 2-3% py.	1077449	566.85	567.85	1.00	0.04		3.00	85.00	239.00
			1077451	567.85	568.85	1.00	0.01		3.00	36.00	122.00
			1077452	568.85	569.85	1.00	0.03		6.00	27.00	108.00
			1077453	569.85	570.85	1.00	0.01		3.00	20.00	100.00
			1077454	570.85	571.65	0.80	0.03		5.00	31.00	105.00
			1077455	571.65	572.45	0.80	0.06		5.00	29.00	95.00
572.45	590.40	BMS, Biotite Muscovite Schist Very wkly ser BMS, with 1-2% py. Local 2% sph and trace gln (585-585.3m). Pervasive ser from 583.1-583.83m and 588.65-589.3m.	1077456	572.45	573.95	1.50	0.04		6.00	44.00	143.00
			1077457	573.95	575.45	1.50	0.03		2.00	93.00	214.00
			1077458	575.45	576.95	1.50	0.02		2.00	76.00	241.00
			1077459	576.95	578.50	1.55	0.02		1.00	35.00	145.00
			1077461	578.50	580.05	1.55	0.01		1.00	15.00	101.00
			1077462	580.05	581.60	1.55	0.01		1.00	14.00	78.00
			1077463	581.60	583.10	1.50	0.02		2.00	31.00	132.00
			1077464	583.10	583.83	0.73	0.02		1.00	37.00	101.00
			1077465	583.83	585.00	1.17	0.01		2.00	54.00	188.00
			1077466	583.83	585.00	1.17	0.01		2.00	60.00	170.00
			1077467	585.00	585.65	0.65	0.02		5.00	806.00	900.00
			1077468	585.65	586.65	1.00	0.01		1.00	36.00	132.00
			1077469	586.65	587.65	1.00	0.01		1.00	31.00	77.00
			1077471	587.65	588.65	1.00	0.01		1.00	28.00	90.00
			1077472	588.65	589.30	0.65	0.03		0.50	16.00	72.00
1077473	589.30	590.40	1.10	0.02		2.00	86.00	316.00			

# DETAILED LOG

Hole Number: TL11190

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
590.40	609.50	MSS, Muscovite Sericite Schist Very strongly ser-sil MSS C-zone. 3-4%py and trace-1% po. Local stibnite? (600.58-600.68). Local aspy (601.5-601.9). 1%sph, 1%gln, trace cp from 603-609.5m (not through dyke).	1077474	590.40	591.40	1.00	0.26		4.00	222.00	809.00
			1077475	591.40	592.40	1.00	0.06		1.00	31.00	91.00
			1077476	592.40	593.40	1.00	0.13		2.00	22.00	175.00
			1077477	593.40	594.40	1.00	0.28		2.00	27.00	87.00
			1077478	594.40	595.40	1.00	0.23		1.00	29.00	66.00
			1077479	595.40	596.40	1.00	0.47		1.00	42.00	60.00
			1077481	596.40	597.40	1.00	0.13		2.00	52.00	160.00
			1077482	597.40	598.40	1.00	0.14		2.00	50.00	187.00
			1077483	598.40	599.40	1.00	0.32		3.00	79.00	167.00
			1077484	599.40	600.40	1.00	0.02		1.00	60.00	94.00
			1077485	600.40	601.40	1.00	0.04		2.00	53.00	189.00
			1077486	600.40	601.40	1.00	0.03		7.00	124.00	204.00
			1077487	601.40	602.00	0.60	0.04		1.00	37.00	80.00
			1077488	602.00	603.00	1.00	0.03		2.00	67.00	95.00
			1077489	603.00	604.00	1.00	0.15		7.00	960.00	1090.00
			1077491	604.00	605.00	1.00	0.24		7.00	671.00	595.00
			1077492	605.00	606.00	1.00	0.05		1.00	55.00	239.00
1077493	606.00	607.00	1.00	0.12		1.00	45.00	175.00			
1077494	607.00	608.00	1.00	0.24		5.00	1694.00	1932.00			
1077495	608.00	609.50	1.50	0.07		2.00	80.00	221.00			
609.50	610.27	MD, Mafic Dyke V.Wkly foliated dark greenish grey mafic dyke. Sharp contacts subparallel to foliation, with wk chilled margins	1077496	609.50	610.27	0.77	0.03		1.00	46.00	220.00
610.27	610.77	MSS, Muscovite Sericite Schist End of MSS C-zone (crosscut by mafic dyke). V. strongly ser-sil, with 2%py, 1%sph and trace gln-po	1077497	610.27	610.77	0.50	0.05		2.00	67.00	2875.00
610.77	615.00	BMS, Biotite Muscovite Schist V. wkly ser BMS, 1% py and trace po. EOH at 615m.	1077498	610.77	612.27	1.50	0.03		1.00	71.00	176.00
			1077499	612.27	613.77	1.50	0.01		1.00	42.00	98.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077325	317.13	318.63	0.0310		1.0000	14.0000	120.0000
1077327	318.63	320.13	0.1260		3.0000	9.0000	123.0000
1077328	320.13	320.83	0.8690		7.0000	8.0000	2852.0000
1077329	320.83	322.33	0.0750		2.0000	16.0000	392.0000
1077331	322.33	323.83	0.2350		3.0000	27.0000	182.0000
1077332	373.25	374.75	0.0250		1.0000	11.0000	85.0000
1077333	374.75	376.25	0.0320		1.0000	17.0000	87.0000
1077334	376.25	377.25	0.0760		4.0000	996.0000	1830.0000
1077335	377.25	378.75	0.0190		0.5000	64.0000	211.0000
1077336	378.75	380.25	0.0460		1.0000	218.0000	1352.0000



Hole Number: TL11190

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077337	459.79	461.29	0.0150		1.0000	30.0000	102.0000
1077338	461.29	462.79	0.0290		2.0000	54.0000	124.0000
1077339	462.79	463.79	0.0110		0.5000	31.0000	98.0000
1077341	463.79	464.79	0.0060		1.0000	27.0000	69.0000
1077342	464.79	465.79	0.0110		2.0000	35.0000	183.0000
1077343	465.79	466.79	0.0050		1.0000	38.0000	144.0000
1077344	466.79	468.79	0.0030		0.5000	14.0000	180.0000
1077345	468.79	469.79	0.0040		1.0000	10.0000	78.0000
1077347	469.79	470.79	0.0030		0.5000	13.0000	93.0000
1077348	470.79	471.79	0.0040		0.5000	12.0000	397.0000
1077349	471.79	472.79	0.0030		1.0000	12.0000	77.0000
1077351	472.79	473.79	0.0070		1.0000	28.0000	152.0000
1077352	473.79	475.25	0.0140		2.0000	505.0000	752.0000
1077353	475.25	476.40	0.0050		0.5000	25.0000	84.0000
1077354	476.40	477.40	0.0150		1.0000	33.0000	132.0000
1077355	477.40	478.40	0.0060		1.0000	66.0000	80.0000
1077356	478.40	479.40	0.0060		1.0000	17.0000	59.0000
1077357	479.40	480.40	0.0040		1.0000	8.0000	53.0000
1077358	480.40	481.40	0.0030		1.0000	16.0000	67.0000
1077359	481.40	482.40	0.0030		0.5000	15.0000	56.0000
1077361	482.40	483.40	0.0030		0.5000	15.0000	52.0000
1077362	483.40	484.40	0.0050		1.0000	19.0000	144.0000
1077363	484.40	485.90	0.0040		0.5000	19.0000	87.0000
1077364	485.90	487.40	0.0110		1.0000	37.0000	122.0000
1077365	487.40	488.90	0.0160		1.0000	35.0000	255.0000
1077367	488.90	490.40	0.0060		0.5000	19.0000	83.0000
1077368	490.40	491.90	0.0200		0.5000	14.0000	83.0000
1077369	491.90	492.67	0.0240		1.0000	22.0000	104.0000
1077371	492.67	493.67	0.0400		1.0000	31.0000	352.0000
1077372	493.67	494.67	0.1060		2.0000	98.0000	135.0000
1077373	494.67	495.67	0.2140		2.0000	53.0000	127.0000
1077374	495.67	496.67	0.1980		2.0000	35.0000	206.0000
1077375	496.67	497.25	0.1560		4.0000	59.0000	769.0000
1077376	497.25	498.75	0.0510		2.0000	27.0000	81.0000
1077377	498.75	500.25	0.0450		2.0000	138.0000	186.0000
1077378	500.25	501.75	0.0220		1.0000	31.0000	142.0000
1077379	501.75	503.05	0.0300		1.0000	44.0000	196.0000
1077381	503.05	504.55	0.0090		1.0000	40.0000	92.0000
1077382	504.55	506.05	0.0150		2.0000	37.0000	101.0000

Hole Number: TL11190

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077383	506.05	507.05	0.0130		2.0000	69.0000	107.0000
1077384	507.05	507.80	0.1040		4.0000	327.0000	430.0000
1077385	507.80	509.30	0.0690		2.0000	85.0000	200.0000
1077387	509.30	510.80	0.0430		3.0000	78.0000	127.0000
1077388	510.80	512.30	0.0160		2.0000	18.0000	81.0000
1077389	512.30	513.80	0.0160		2.0000	18.0000	76.0000
1077391	513.80	515.30	0.0380		2.0000	92.0000	126.0000
1077392	515.30	516.80	0.0700		2.0000	26.0000	90.0000
1077393	516.80	518.30	0.1100		2.0000	27.0000	118.0000
1077394	518.30	519.80	0.4030	1.1810	2.0000	81.0000	104.0000
1077395	519.80	521.20	0.4220	0.9320	2.0000	69.0000	149.0000
1077396	521.20	521.80	0.4390	5.5170	3.0000	122.0000	305.0000
1077397	521.80	522.67	0.3970	0.3750	2.0000	92.0000	161.0000
1077398	522.67	523.55	0.2430	0.2730	2.0000	54.0000	109.0000
1077399	523.55	524.05	0.2380	2.7460	3.0000	226.0000	490.0000
1077401	524.05	525.25	0.3660	0.6390	3.0000	209.0000	344.0000
1077402	525.25	525.85	0.2960	6.1330	19.0000	3077.0000	7832.0000
1077403	525.85	526.60	0.0160	3.7070	4.0000	209.0000	287.0000
1077404	526.60	527.10	0.6580	1.3290	12.0000	1291.0000	2274.0000
1077405	527.10	528.10	0.0770	0.1890	2.0000	81.0000	256.0000
1077407	528.10	529.10	0.1380	0.2160	0.5000	88.0000	269.0000
1077408	529.10	530.10	0.0800		4.0000	337.0000	631.0000
1077409	530.10	531.10	0.0110		1.0000	35.0000	107.0000
1077411	531.10	532.10	0.0110		2.0000	17.0000	118.0000
1077412	532.10	533.10	0.0110		1.0000	14.0000	144.0000
1077413	533.10	534.10	0.0110		1.0000	17.0000	104.0000
1077414	534.10	534.80	0.0140		1.0000	17.0000	99.0000
1077415	534.80	535.80	0.0070		1.0000	12.0000	70.0000
1077416	535.80	536.80	0.0030		1.0000	9.0000	66.0000
1077417	536.80	537.80	0.0130		0.5000	4.0000	49.0000
1077418	537.80	539.30	0.0120		1.0000	10.0000	77.0000
1077419	539.30	540.39	0.0020		1.0000	8.0000	61.0000
1077421	540.39	541.89	0.0240		1.0000	12.0000	123.0000
1077422	541.89	543.43	0.0100		1.0000	7.0000	125.0000
1077423	543.43	544.93	0.0030		1.0000	9.0000	96.0000
1077424	544.93	546.43	0.0030		2.0000	10.0000	86.0000
1077425	546.43	548.03	0.0040		1.0000	14.0000	68.0000
1077427	548.03	548.76	0.0190		2.0000	17.0000	70.0000
1077428	548.76	549.53	0.1400		13.0000	37.0000	106.0000

Hole Number: TL11190

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077429	549.53	550.13	0.0080		4.0000	38.0000	82.0000
1077431	550.13	550.63	0.0340		4.0000	36.0000	83.0000
1077432	550.63	552.13	0.0020		2.0000	17.0000	65.0000
1077433	552.13	553.45	0.0200		4.0000	35.0000	149.0000
1077434	553.45	554.87	0.0350		13.0000	60.0000	329.0000
1077435	554.87	555.85	0.0030		2.0000	21.0000	61.0000
1077436	555.85	556.85	0.0020		2.0000	14.0000	59.0000
1077437	556.85	557.85	0.0040		3.0000	53.0000	95.0000
1077438	557.85	558.85	0.0030		2.0000	18.0000	387.0000
1077439	558.85	559.85	0.0020		0.5000	14.0000	57.0000
1077441	559.85	560.85	0.0030		0.5000	16.0000	45.0000
1077442	560.85	561.85	0.0020		1.0000	10.0000	45.0000
1077443	561.85	562.85	0.0030		0.5000	15.0000	43.0000
1077444	562.85	563.85	0.0030		1.0000	19.0000	54.0000
1077445	563.85	564.85	0.0370		2.0000	20.0000	111.0000
1077447	564.85	565.85	0.0450		2.0000	28.0000	116.0000
1077448	565.85	566.85	0.0280		2.0000	37.0000	132.0000
1077449	566.85	567.85	0.0400		3.0000	85.0000	239.0000
1077451	567.85	568.85	0.0120		3.0000	36.0000	122.0000
1077452	568.85	569.85	0.0270		6.0000	27.0000	108.0000
1077453	569.85	570.85	0.0100		3.0000	20.0000	100.0000
1077454	570.85	571.65	0.0340		5.0000	31.0000	105.0000
1077455	571.65	572.45	0.0610		5.0000	29.0000	95.0000
1077456	572.45	573.95	0.0370		6.0000	44.0000	143.0000
1077457	573.95	575.45	0.0260		2.0000	93.0000	214.0000
1077458	575.45	576.95	0.0230		2.0000	76.0000	241.0000
1077459	576.95	578.50	0.0170		1.0000	35.0000	145.0000
1077461	578.50	580.05	0.0140		1.0000	15.0000	101.0000
1077462	580.05	581.60	0.0070		1.0000	14.0000	78.0000
1077463	581.60	583.10	0.0230		2.0000	31.0000	132.0000
1077464	583.10	583.83	0.0160		1.0000	37.0000	101.0000
1077465	583.83	585.00	0.0060		2.0000	54.0000	188.0000
1077467	585.00	585.65	0.0220		5.0000	806.0000	900.0000
1077468	585.65	586.65	0.0060		1.0000	36.0000	132.0000
1077469	586.65	587.65	0.0060		1.0000	31.0000	77.0000
1077471	587.65	588.65	0.0080		1.0000	28.0000	90.0000
1077472	588.65	589.30	0.0260		0.5000	16.0000	72.0000
1077473	589.30	590.40	0.0180		2.0000	86.0000	316.0000
1077474	590.40	591.40	0.2590		4.0000	222.0000	809.0000

Hole Number: TL11190

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077475	591.40	592.40	0.0560		1.0000	31.0000	91.0000
1077476	592.40	593.40	0.1300		2.0000	22.0000	175.0000
1077477	593.40	594.40	0.2820		2.0000	27.0000	87.0000
1077478	594.40	595.40	0.2270		1.0000	29.0000	66.0000
1077479	595.40	596.40	0.4650		1.0000	42.0000	60.0000
1077481	596.40	597.40	0.1310		2.0000	52.0000	160.0000
1077482	597.40	598.40	0.1360		2.0000	50.0000	187.0000
1077483	598.40	599.40	0.3170		3.0000	79.0000	167.0000
1077484	599.40	600.40	0.0240		1.0000	60.0000	94.0000
1077485	600.40	601.40	0.0420		2.0000	53.0000	189.0000
1077487	601.40	602.00	0.0390		1.0000	37.0000	80.0000
1077488	602.00	603.00	0.0320		2.0000	67.0000	95.0000
1077489	603.00	604.00	0.1500		7.0000	960.0000	1090.0000
1077491	604.00	605.00	0.2350		7.0000	671.0000	595.0000
1077492	605.00	606.00	0.0530		1.0000	55.0000	239.0000
1077493	606.00	607.00	0.1160		1.0000	45.0000	175.0000
1077494	607.00	608.00	0.2440		5.0000	1694.0000	1932.0000
1077495	608.00	609.50	0.0740		2.0000	80.0000	221.0000
1077496	609.50	610.27	0.0250		1.0000	46.0000	220.0000
1077497	610.27	610.77	0.0480		2.0000	67.0000	2875.0000
1077498	610.77	612.27	0.0250		1.0000	71.0000	176.0000
1077499	612.27	613.77	0.0100		1.0000	42.0000	98.0000
Sample Type	CDUP						
1077326	317.13	318.63	0.0250		1.0000	9.0000	125.0000
1077346	468.79	469.79	0.0060		1.0000	13.0000	79.0000
1077366	487.40	488.90	0.0190		1.0000	33.0000	114.0000
1077386	507.80	509.30	0.0200		2.0000	65.0000	169.0000
1077406	527.10	528.10	0.1250	0.2160	2.0000	77.0000	272.0000
1077426	546.43	548.03	0.0020		1.0000	14.0000	69.0000
1077446	563.85	564.85	0.0260		1.0000	22.0000	113.0000
1077466	583.83	585.00	0.0060		2.0000	60.0000	170.0000
1077486	600.40	601.40	0.0330		7.0000	124.0000	204.0000

# DETAILED LOG

Hole Number: TL11191

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -70.00
Project Number: TMI-TL	North: 5511752.97	North:	Collar Az: 350.00
Location: Zealand Township	East: 528045.47	East:	Length: 450.00
	Elev: 396.83	Elev:	Start Depth: 0.00
Date Started: Jul 09, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jul 14, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 450.00

Comments: Main zone at 329.54-387.49m. Alternates between regions of high and low sericitization, 90% ser to 50% ser. 2% Py with conc. sulphides Py, Sph, CP, Po in stringers.  
 C zone at 430.45-434.12m. 2% Py & 1% Sph, Po, Pb conc. in sulphide stringers.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	342.00	-70.00	EZ Sho	OK		18.00	342.30	-69.60	EZ Sho	OK	
51.00	342.20	-69.30	EZ Sho	OK		102.00	344.50	-68.50	EZ Sho	OK	
150.00	345.20	-68.00	EZ Sho	OK		201.00	344.70	-66.50	EZ Sho	OK	
252.00	345.80	-65.50	EZ Sho	OK		303.00	346.80	-63.60	EZ Sho	OK	
351.00	346.80	-61.80	EZ Sho	OK		405.00	346.70	-60.10	EZ Sho	OK	
450.00	347.30	-58.70	EZ Sho	OK	COMPLETE						

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	2.18	OB, Overburden 2.1m casing, 2.1-2.18m Granite boulders.									
2.18	263.64	BMS, Biotite Muscovite Schist Typical fine-med grained BMS. 10% ser. 90% bio alteration. Local regions of fracture controlled Chl-Ep alteration. Abundant faulting w/ 11 FTZ and 4 F2 folds. Qtz., Qtz-carb., Chl-Ep & Cal veins throughout. 5% Py blebs. Uncommon regions of conc. sph & CP. 1% Asp & Po.	1076356	124.50	126.00	1.50	0.08		2.00	17.00	421.00
			1076357	126.00	127.00	1.00	1.04		14.00	17.00	1212.00
			1076358	127.00	128.50	1.50	0.10		0.50	19.00	412.00
			1076359	260.64	262.14	1.50	0.05		0.50	36.00	99.00
			1076361	262.14	263.64	1.50	0.08		0.50	79.00	116.00

## DETAILED LOG

Hole Number: TL11191

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
263.64	285.24	MSS, Muscovite Sericite Schist	1076362	263.64	264.64	1.00	0.04		0.50	59.00	155.00
		MSS Hanging wall zone. 1 major FTZ 263.93-266.75m with associated conc. 1% Sph, Py, Po. 80-95% ser alteration overall w/ one zone 266.84-270.60 of 95% bio, 5% ser alteration. Epidote & Flourite alt. conc. around major FTZ. Trace disseminated Py w/ blebs conc. along qtz veins.	1076363	264.64	265.55	0.91	0.02		1.00	245.00	391.00
			1076364	265.55	266.55	1.00	0.13		4.00	425.00	774.00
			1076366	266.55	267.85	1.30	0.15		3.00	388.00	1128.00
			1076365	266.55	267.85	1.30	0.20		2.00	251.00	1130.00
			1076367	267.85	269.15	1.30	0.08		0.50	30.00	68.00
			1076368	269.15	270.45	1.30	0.28		0.50	26.00	78.00
			1076369	270.45	271.24	0.79	0.01		0.50	23.00	86.00
			1076371	271.24	272.24	1.00	0.01		0.50	20.00	72.00
			1076372	272.24	273.24	1.00	0.01		0.50	14.00	26.00
			1076373	273.24	274.24	1.00	0.01		0.50	23.00	177.00
			1076374	274.24	275.24	1.00	0.01		0.50	26.00	93.00
			1076375	275.24	276.24	1.00	0.01		0.50	21.00	60.00
			1076376	276.24	277.24	1.00	0.02		2.00	31.00	94.00
			1076377	277.24	278.24	1.00	0.01		0.50	18.00	13.00
			1076378	278.24	279.24	1.00	0.03		0.50	97.00	470.00
			1076379	279.24	280.24	1.00	0.02		0.50	20.00	40.00
			1076381	280.24	281.24	1.00	0.01		0.50	12.00	26.00
			1076382	281.24	282.24	1.00	0.01		0.50	14.00	40.00
			1076383	282.24	283.24	1.00	0.01		0.50	16.00	54.00
			1076384	283.24	284.24	1.00	0.02		0.50	16.00	58.00
			1076385	284.24	285.24	1.00	0.04		0.50	33.00	81.00
			1076386	284.24	285.24	1.00	0.02		0.50	26.00	91.00
285.24	301.52	BMS, Biotite Muscovite Schist	1076387	285.24	286.74	1.50	0.03		0.50	38.00	95.00
		BMS zone between two hanging wall MSS zones. 1% py concentrated around veining. Trace sph and po.	1076388	286.74	288.24	1.50	0.01		0.50	26.00	84.00
		Qtz-to vein at 295.02-295.25 m. Infilled with 40% tourmaline and 10% py blebs. 25% ser 75% bio with region of epidote alteration.	1076389	288.24	289.74	1.50	0.01		0.50	41.00	55.00
		Highly faulted with 4 fault zones.	1076391	289.74	291.40	1.66	0.02		0.50	52.00	197.00
			1076392	291.40	292.95	1.55	0.04		0.50	19.00	70.00
			1076393	292.95	294.50	1.55	0.06		0.50	13.00	33.00
			1076394	294.50	295.50	1.00	0.04		0.50	32.00	26.00
			1076395	295.50	297.00	1.50	0.02		0.50	18.00	48.00
			1076396	297.00	298.50	1.50	0.03		0.50	16.00	87.00
			1076397	298.50	300.00	1.50	0.01		0.50	12.00	43.00
			1076398	300.00	301.52	1.52	0.02		0.50	27.00	47.00
301.52	310.90	MSS, Muscovite Sericite Schist	1076399	301.52	303.90	2.38	0.02		1.00	113.00	93.00
		Lower hanging wall MSS zone. 85% ser. 15% bio alteration. 3% py conc. w/i sulphide stringers containing 1% sph & gal. & trace Asp. 2 F2 folds.	1076401	303.90	304.90	1.00	0.04		0.50	30.00	28.00
			1076402	304.90	305.90	1.00	0.05		0.50	85.00	251.00
			1076403	305.90	306.90	1.00	0.08		0.50	69.00	119.00
			1076404	306.90	307.90	1.00	0.06		0.50	427.00	930.00
			1076405	307.90	308.90	1.00	0.03		0.50	88.00	235.00
			1076406	307.90	308.90	1.00	0.04		0.50	72.00	172.00
			1076407	308.90	309.90	1.00	0.05		0.50	139.00	99.00
			1076408	309.90	310.90	1.00	0.10		4.00	1028.00	966.00

## DETAILED LOG

Hole Number: TL11191

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
310.90	329.54	BMS, Biotite Muscovite Schist	1076409	310.90	312.40	1.50	0.16		0.50	52.00	57.00
		BMS zone below hanging wall, above main zone. 30% ser. 70% bio alteration. 1	1076411	312.40	313.90	1.50	0.03		0.50	29.00	59.00
		microshear at 319.87m. Qtz-tour veins containing conc. of Sulphides. 1% Py &	1076412	313.90	315.40	1.50	0.03		0.50	28.00	54.00
		Po within veins. Trace Pent.	1076413	325.04	326.54	1.50	0.06		0.50	29.00	38.00
			1076414	326.54	328.04	1.50	0.03		0.50	63.00	79.00
			1076415	328.04	329.54	1.50	0.02		0.50	50.00	67.00

## DETAILED LOG

Hole Number: TL11191

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
329.54	387.49	MSS, Muscovite Sericite Schist	1076416	329.54	330.70	1.16	0.06		0.50	157.00	287.00
		Main MSS Zone. Alternation of highly and poorly sericitized regions, 90% ser & 10% bio to 50% ser. & 50% bio, making the footwall difficult to break out as a distinct zone. Possible footwall zone from 367.42-371.56 m as well as 382.73-387.49 m. High concentration of sulphides mainly in stringers adjacent to foliation. Overall 2% pyrite with up to 12% pyrite in large sulphide stringer from 332.82-332.56 m. 2% sphalerite in same interval. Up to 10% pyrite from 341.12-341.14 m. Up to 5% local cp from 350.58-352.35 m. 5% po from 375.73-375.78 m. Area of increased chl altn from 344.37-345.28 m. Overall not strongly silicified. 5 F2 Folds and 2 dextral micro-shears.	1076417	330.70	331.86	1.16	0.06		0.50	35.00	40.00
			1076418	331.86	332.54	0.68	4.23		7.00	1150.00	6582.00
			1076419	332.54	333.26	0.72	0.71		4.00	751.00	1801.00
			1076421	333.26	334.26	1.00	0.07		0.50	67.00	221.00
			1076422	334.26	335.26	1.00	0.25		3.00	79.00	269.00
			1076423	335.26	336.26	1.00	0.21		5.00	84.00	292.00
			1076424	336.26	337.26	1.00	0.05		0.50	52.00	89.00
			1076425	337.26	338.26	1.00	0.25		1.00	44.00	75.00
			1076426	337.26	338.26	1.00	0.17		0.50	46.00	75.00
			1076427	338.26	339.00	0.74	3.19		0.50	130.00	271.00
			1076428	339.00	340.00	1.00	0.78		0.50	82.00	164.00
			1076429	340.00	341.00	1.00	0.18		0.50	155.00	222.00
			1076431	341.00	342.00	1.00	0.18		7.00	1483.00	3333.00
			1076432	342.00	343.00	1.00	0.78		0.50	312.00	369.00
			1076433	343.00	344.19	1.19	0.16		0.50	110.00	159.00
			1076434	344.19	345.19	1.00	0.24		2.00	33.00	195.00
			1076435	345.19	346.30	1.11	0.30		2.00	38.00	108.00
			1076436	346.30	347.40	1.10	0.08		0.50	63.00	61.00
			1076437	347.40	348.53	1.13	0.07		0.50	41.00	99.00
			1076438	348.53	349.20	0.67	1.04		2.00	83.00	113.00
			1076439	349.20	349.93	0.73	1.19		8.00	227.00	1412.00
			1076441	349.93	350.93	1.00	1.91		12.00	953.00	2992.00
			1076442	350.93	351.80	0.87	4.97		0.50	46.00	81.00
			1076443	351.80	352.80	1.00	0.07		18.00	259.00	340.00
			1076444	352.80	354.00	1.20	0.07		0.50	73.00	132.00
			1076445	354.00	355.00	1.00	0.07		0.50	52.00	126.00
			1076446	354.00	355.00	1.00	0.03		0.50	33.00	80.00
			1076447	355.00	356.00	1.00	0.01		0.50	38.00	26.00
			1076448	356.00	356.90	0.90	0.00		3.00	27.00	43.00
			1076449	356.90	357.90	1.00	0.00		0.50	19.00	95.00
			1076451	357.90	358.84	0.94	0.01		0.50	16.00	29.00
			1076452	358.84	359.84	1.00	0.00		0.50	31.00	74.00
			1076453	359.84	360.84	1.00	0.00		0.50	38.00	131.00
			1076454	360.84	361.84	1.00	0.09		2.00	31.00	158.00
			1076455	361.84	362.84	1.00	0.01		0.50	29.00	74.00
			1076456	362.84	363.57	0.73	0.01		1.00	29.00	47.00
			1076457	363.57	364.30	0.73	0.01		0.50	19.00	29.00
			1076458	364.30	365.30	1.00	0.01		1.00	20.00	34.00
			1076459	365.30	366.30	1.00	0.00		0.50	22.00	37.00
			1076461	366.30	367.36	1.06	0.01		0.50	48.00	48.00
			1076462	367.36	368.36	1.00	0.19		6.00	58.00	111.00
			1076463	368.36	369.56	1.20	0.06		0.50	89.00	138.00



## DETAILED LOG

Hole Number: TL11191

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1076464	369.56	370.56	1.00	0.07		0.50	34.00	39.00
			1076466	370.56	371.56	1.00	0.05		0.50	28.00	78.00
			1076465	370.56	371.56	1.00	0.04		0.50	29.00	36.00
			1076467	371.56	372.40	0.84	0.01		0.50	26.00	55.00
			1076468	372.40	373.17	0.77	0.05		0.50	17.00	40.00
			1076469	373.17	374.17	1.00	0.00		0.50	17.00	28.00
			1076471	374.17	375.17	1.00	0.00		0.50	24.00	110.00
			1076472	375.17	376.17	1.00	0.03		5.00	46.00	62.00
			1076473	376.17	377.17	1.00	0.01		1.00	32.00	64.00
			1076474	377.17	378.17	1.00	0.03		1.00	27.00	90.00
			1076475	378.17	379.37	1.20	0.01		3.00	32.00	36.00
			1076476	379.37	380.56	1.19	0.01		0.50	24.00	94.00
			1076477	380.56	381.56	1.00	0.00		0.50	22.00	54.00
			1076478	381.56	382.56	1.00	0.00		0.50	14.00	36.00
			1076479	382.56	383.56	1.00	0.01		0.50	16.00	82.00
			1076481	383.56	384.56	1.00	0.01		0.50	16.00	13.00
			1076482	384.56	385.56	1.00	0.02		0.50	17.00	22.00
			1076483	385.56	386.56	1.00	0.01		0.50	17.00	9.00
			1076484	386.56	387.49	0.93	0.04		0.50	25.00	83.00
387.49	430.45	BMS, Biotite Muscovite Schist BMS Zone above C Zone. Large variation of ser. alteration through BMS, 15% ser 85% bio to 40% ser 60% bio. Areas of concentrated sulphide mineralization in more highly sericitized regions DH. 1% Py throughout BMS with 3 small areas of 2-3% Py, 2-6% Sph, 0.1-2% Pb in higher ser. regions. Qtz-bio veins contain conc. sulphides. 2 F2 folds with one FTZ at 413.9-414.15m.	1076486	387.49	388.96	1.47	0.02		0.50	27.00	85.00
			1076485	387.49	388.99	1.50	0.02		0.50	29.00	84.00
			1076487	388.99	390.49	1.50	0.04		0.50	31.00	90.00
			1076488	409.15	410.65	1.50	0.03		0.50	33.00	82.00
			1076489	410.65	412.15	1.50	0.11		0.50	127.00	195.00
			1076491	412.15	412.76	0.61	1.37		12.00	2725.00	4818.00
			1076492	412.76	414.28	1.52	0.03		0.50	44.00	72.00
			1076493	414.28	415.80	1.52	0.02		0.50	19.00	59.00
			1076494	415.80	417.32	1.52	0.06		0.50	14.00	43.00
			1076495	417.32	417.85	0.53	0.12		0.50	19.00	7388.00
			1076496	417.85	418.85	1.00	0.05		0.50	16.00	57.00
			1076497	418.85	420.55	1.70	0.02		0.50	16.00	52.00
			1076498	420.55	422.25	1.70	0.04		0.50	15.00	89.00
			1076499	422.25	423.95	1.70	0.03		0.50	14.00	77.00
			1076501	423.95	425.45	1.50	0.02		0.50	25.00	118.00
			1076502	425.45	426.95	1.50	0.06		0.50	52.00	179.00
			1076503	426.95	428.45	1.50	0.27		0.50	84.00	156.00
			1076504	428.45	429.45	1.00	0.39		2.00	594.00	7439.00
			1076505	429.45	430.45	1.00	0.18		0.50	72.00	147.00
			1076506	429.45	430.45	1.00	0.30		0.50	116.00	704.00
430.45	434.12	MSS, Muscovite Sericite Schist MSS C-zone. 2%Py, 1% Sph, Po, Pb conc. in sulphide rich stringers and adjacent to fault zone at 432.66-432.77m. Uncommon qtz vein.	1076507	430.45	431.45	1.00	0.21		0.50	80.00	144.00
			1076508	431.45	432.45	1.00	0.48		3.00	388.00	1342.00
			1076509	432.45	433.12	0.67	0.62		5.00	957.00	4455.00
			1076511	433.12	434.12	1.00	0.30		2.00	1297.00	2695.00

DETAILED LOG

Hole Number: TL11191

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
434.12	450.00	BMS, Biotite Muscovite Schist	1076512	434.12	435.62	1.50	0.06		0.50	53.00	564.00
		BMS below C-zone to EOH. 15% ser 85% bio alteration. 1% Py conc. to 2% w/i chl. bands. 5% sph conc. w/i a chl-ep band at 444.23-444.28m. Qtz-chl. veins w/ ep. associated with higher 2% of Py.	1076513	435.62	437.12	1.50	0.23		2.00	352.00	1667.00
			1076514	437.12	438.62	1.50	0.02		0.50	21.00	106.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076356	124.50	126.00	0.0830		2.0000	17.0000	421.0000
1076357	126.00	127.00	1.0400		14.0000	17.0000	1212.0000
1076358	127.00	128.50	0.1000		0.5000	19.0000	412.0000
1076359	260.64	262.14	0.0510		0.5000	36.0000	99.0000
1076361	262.14	263.64	0.0750		0.5000	79.0000	116.0000
1076362	263.64	264.64	0.0370		0.5000	59.0000	155.0000
1076363	264.64	265.55	0.0220		1.0000	245.0000	391.0000
1076364	265.55	266.55	0.1300		4.0000	425.0000	774.0000
1076365	266.55	267.85	0.1950		2.0000	251.0000	1130.0000
1076367	267.85	269.15	0.0770		0.5000	30.0000	68.0000
1076368	269.15	270.45	0.2800		0.5000	26.0000	78.0000
1076369	270.45	271.24	0.0100		0.5000	23.0000	86.0000
1076371	271.24	272.24	0.0110		0.5000	20.0000	72.0000
1076372	272.24	273.24	0.0050		0.5000	14.0000	26.0000
1076373	273.24	274.24	0.0060		0.5000	23.0000	177.0000
1076374	274.24	275.24	0.0070		0.5000	26.0000	93.0000
1076375	275.24	276.24	0.0110		0.5000	21.0000	60.0000
1076376	276.24	277.24	0.0200		2.0000	31.0000	94.0000
1076377	277.24	278.24	0.0130		0.5000	18.0000	13.0000
1076378	278.24	279.24	0.0260		0.5000	97.0000	470.0000
1076379	279.24	280.24	0.0160		0.5000	20.0000	40.0000
1076381	280.24	281.24	0.0120		0.5000	12.0000	26.0000
1076382	281.24	282.24	0.0140		0.5000	14.0000	40.0000
1076383	282.24	283.24	0.0110		0.5000	16.0000	54.0000
1076384	283.24	284.24	0.0190		0.5000	16.0000	58.0000
1076385	284.24	285.24	0.0440		0.5000	33.0000	81.0000
1076387	285.24	286.74	0.0300		0.5000	38.0000	95.0000
1076388	286.74	288.24	0.0120		0.5000	26.0000	84.0000
1076389	288.24	289.74	0.0140		0.5000	41.0000	55.0000
1076391	289.74	291.40	0.0190		0.5000	52.0000	197.0000
1076392	291.40	292.95	0.0350		0.5000	19.0000	70.0000
1076393	292.95	294.50	0.0610		0.5000	13.0000	33.0000

Hole Number: TL11191

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076394	294.50	295.50	0.0400		0.5000	32.0000	26.0000
1076395	295.50	297.00	0.0240		0.5000	18.0000	48.0000
1076396	297.00	298.50	0.0310		0.5000	16.0000	87.0000
1076397	298.50	300.00	0.0130		0.5000	12.0000	43.0000
1076398	300.00	301.52	0.0160		0.5000	27.0000	47.0000
1076399	301.52	303.90	0.0150		1.0000	113.0000	93.0000
1076401	303.90	304.90	0.0420		0.5000	30.0000	28.0000
1076402	304.90	305.90	0.0490		0.5000	85.0000	251.0000
1076403	305.90	306.90	0.0790		0.5000	69.0000	119.0000
1076404	306.90	307.90	0.0580		0.5000	427.0000	930.0000
1076405	307.90	308.90	0.0300		0.5000	88.0000	235.0000
1076407	308.90	309.90	0.0510		0.5000	139.0000	99.0000
1076408	309.90	310.90	0.0950		4.0000	1028.0000	966.0000
1076409	310.90	312.40	0.1560		0.5000	52.0000	57.0000
1076411	312.40	313.90	0.0300		0.5000	29.0000	59.0000
1076412	313.90	315.40	0.0310		0.5000	28.0000	54.0000
1076413	325.04	326.54	0.0620		0.5000	29.0000	38.0000
1076414	326.54	328.04	0.0250		0.5000	63.0000	79.0000
1076415	328.04	329.54	0.0150		0.5000	50.0000	67.0000
1076416	329.54	330.70	0.0620		0.5000	157.0000	287.0000
1076417	330.70	331.86	0.0590		0.5000	35.0000	40.0000
1076418	331.86	332.54	4.2320		7.0000	1150.0000	6582.0000
1076419	332.54	333.26	0.7130		4.0000	751.0000	1801.0000
1076421	333.26	334.26	0.0720		0.5000	67.0000	221.0000
1076422	334.26	335.26	0.2480		3.0000	79.0000	269.0000
1076423	335.26	336.26	0.2060		5.0000	84.0000	292.0000
1076424	336.26	337.26	0.0540		0.5000	52.0000	89.0000
1076425	337.26	338.26	0.2500		1.0000	44.0000	75.0000
1076427	338.26	339.00	3.1940		0.5000	130.0000	271.0000
1076428	339.00	340.00	0.7790		0.5000	82.0000	164.0000
1076429	340.00	341.00	0.1770		0.5000	155.0000	222.0000
1076431	341.00	342.00	0.1770		7.0000	1483.0000	3333.0000
1076432	342.00	343.00	0.7820		0.5000	312.0000	369.0000
1076433	343.00	344.19	0.1580		0.5000	110.0000	159.0000
1076434	344.19	345.19	0.2370		2.0000	33.0000	195.0000
1076435	345.19	346.30	0.2990		2.0000	38.0000	108.0000
1076436	346.30	347.40	0.0760		0.5000	63.0000	61.0000
1076437	347.40	348.53	0.0680		0.5000	41.0000	99.0000
1076438	348.53	349.20	1.0440		2.0000	83.0000	113.0000

Hole Number: TL11191

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076439	349.20	349.93	1.1880		8.0000	227.0000	1412.0000
1076441	349.93	350.93	1.9090		12.0000	953.0000	2992.0000
1076442	350.93	351.80	4.9700		0.5000	46.0000	81.0000
1076443	351.80	352.80	0.0690		18.0000	259.0000	340.0000
1076444	352.80	354.00	0.0650		0.5000	73.0000	132.0000
1076445	354.00	355.00	0.0670		0.5000	52.0000	126.0000
1076447	355.00	356.00	0.0100		0.5000	38.0000	26.0000
1076448	356.00	356.90	0.0030		3.0000	27.0000	43.0000
1076449	356.90	357.90	0.0020		0.5000	19.0000	95.0000
1076451	357.90	358.84	0.0090		0.5000	16.0000	29.0000
1076452	358.84	359.84	0.0040		0.5000	31.0000	74.0000
1076453	359.84	360.84	0.0030		0.5000	38.0000	131.0000
1076454	360.84	361.84	0.0870		2.0000	31.0000	158.0000
1076455	361.84	362.84	0.0100		0.5000	29.0000	74.0000
1076456	362.84	363.57	0.0060		1.0000	29.0000	47.0000
1076457	363.57	364.30	0.0060		0.5000	19.0000	29.0000
1076458	364.30	365.30	0.0080		1.0000	20.0000	34.0000
1076459	365.30	366.30	0.0030		0.5000	22.0000	37.0000
1076461	366.30	367.36	0.0120		0.5000	48.0000	48.0000
1076462	367.36	368.36	0.1920		6.0000	58.0000	111.0000
1076463	368.36	369.56	0.0640		0.5000	89.0000	138.0000
1076464	369.56	370.56	0.0710		0.5000	34.0000	39.0000
1076465	370.56	371.56	0.0370		0.5000	29.0000	36.0000
1076467	371.56	372.40	0.0130		0.5000	26.0000	55.0000
1076468	372.40	373.17	0.0450		0.5000	17.0000	40.0000
1076469	373.17	374.17	0.0040		0.5000	17.0000	28.0000
1076471	374.17	375.17	0.0020		0.5000	24.0000	110.0000
1076472	375.17	376.17	0.0310		5.0000	46.0000	62.0000
1076473	376.17	377.17	0.0120		1.0000	32.0000	64.0000
1076474	377.17	378.17	0.0320		1.0000	27.0000	90.0000
1076475	378.17	379.37	0.0060		3.0000	32.0000	36.0000
1076476	379.37	380.56	0.0100		0.5000	24.0000	94.0000
1076477	380.56	381.56	0.0030		0.5000	22.0000	54.0000
1076478	381.56	382.56	0.0030		0.5000	14.0000	36.0000
1076479	382.56	383.56	0.0060		0.5000	16.0000	82.0000
1076481	383.56	384.56	0.0050		0.5000	16.0000	13.0000
1076482	384.56	385.56	0.0190		0.5000	17.0000	22.0000
1076483	385.56	386.56	0.0120		0.5000	17.0000	9.0000
1076484	386.56	387.49	0.0380		0.5000	25.0000	83.0000

Hole Number: TL11191

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076485	387.49	388.99	0.0200		0.5000	29.0000	84.0000
1076487	388.99	390.49	0.0400		0.5000	31.0000	90.0000
1076488	409.15	410.65	0.0320		0.5000	33.0000	82.0000
1076489	410.65	412.15	0.1130		0.5000	127.0000	195.0000
1076491	412.15	412.76	1.3650		12.0000	2725.0000	4818.0000
1076492	412.76	414.28	0.0280		0.5000	44.0000	72.0000
1076493	414.28	415.80	0.0200		0.5000	19.0000	59.0000
1076494	415.80	417.32	0.0610		0.5000	14.0000	43.0000
1076495	417.32	417.85	0.1200		0.5000	19.0000	7388.0000
1076496	417.85	418.85	0.0530		0.5000	16.0000	57.0000
1076497	418.85	420.55	0.0160		0.5000	16.0000	52.0000
1076498	420.55	422.25	0.0430		0.5000	15.0000	89.0000
1076499	422.25	423.95	0.0270		0.5000	14.0000	77.0000
1076501	423.95	425.45	0.0240		0.5000	25.0000	118.0000
1076502	425.45	426.95	0.0590		0.5000	52.0000	179.0000
1076503	426.95	428.45	0.2710		0.5000	84.0000	156.0000
1076504	428.45	429.45	0.3870		2.0000	594.0000	7439.0000
1076505	429.45	430.45	0.1800		0.5000	72.0000	147.0000
1076507	430.45	431.45	0.2080		0.5000	80.0000	144.0000
1076508	431.45	432.45	0.4830		3.0000	388.0000	1342.0000
1076509	432.45	433.12	0.6160		5.0000	957.0000	4455.0000
1076511	433.12	434.12	0.2980		2.0000	1297.0000	2695.0000
1076512	434.12	435.62	0.0630		0.5000	53.0000	564.0000
1076513	435.62	437.12	0.2330		2.0000	352.0000	1667.0000
1076514	437.12	438.62	0.0170		0.5000	21.0000	106.0000
Sample Type	CDUP						
1076366	266.55	267.85	0.1480		3.0000	388.0000	1128.0000
1076386	284.24	285.24	0.0240		0.5000	26.0000	91.0000
1076406	307.90	308.90	0.0360		0.5000	72.0000	172.0000
1076426	337.26	338.26	0.1710		0.5000	46.0000	75.0000
1076446	354.00	355.00	0.0310		0.5000	33.0000	80.0000
1076466	370.56	371.56	0.0490		0.5000	28.0000	78.0000
1076486	387.49	388.96	0.0190		0.5000	27.0000	85.0000
1076506	429.45	430.45	0.3030		0.5000	116.0000	704.0000



# DETAILED LOG

Hole Number: TL11192

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
302.52	362.80	MSS, Muscovite Sericite Schist Strongly ser MSS main zone. Patchy sulphide stringers throughout the interval (1-2%py, tr-2%sp, tr-1%gln, tr cpy-po). Possible VG at 330.87m.	1077501	303.90	305.40	1.50	0.03		0.50	36.00	72.00
			1077502	305.40	306.90	1.50	0.03		3.00	42.00	96.00
			1077503	306.90	308.40	1.50	0.02		5.00	63.00	108.00
			1077504	308.40	309.40	1.00	0.26		8.00	933.00	1717.00
			1077506	309.40	310.75	1.35	0.01		2.00	35.00	67.00
			1077505	309.40	310.75	1.35	0.02		2.00	37.00	46.00
			1077507	310.75	311.75	1.00	0.04		4.00	68.00	62.00
			1077508	311.75	312.75	1.00	0.01		0.50	64.00	44.00
			1077509	312.75	313.75	1.00	0.02		3.00	86.00	78.00
			1077511	313.75	314.75	1.00	0.04		0.50	59.00	213.00
			1077512	314.75	315.70	0.95	0.12		5.00	371.00	1076.00
			1077513	315.70	316.70	1.00	0.10		2.00	525.00	1979.00
			1077514	316.70	317.70	1.00	0.16		3.00	1458.00	3770.00
			1077515	317.70	318.70	1.00	0.05		1.00	70.00	60.00
			1077516	318.70	319.90	1.20	0.03		0.50	39.00	57.00
			1077517	319.90	320.90	1.00	0.16		3.00	740.00	2179.00
			1077518	320.90	321.90	1.00	0.16		2.00	818.00	1438.00
			1077519	321.90	322.90	1.00	0.15		5.00	182.00	864.00
			1077521	322.90	323.90	1.00	0.11		2.00	92.00	611.00
			1077522	323.90	324.90	1.00	0.09		3.00	221.00	505.00
			1077523	324.90	325.90	1.00	0.19		2.00	593.00	787.00
			1077524	325.90	327.28	1.38	0.10		3.00	155.00	419.00
			1077525	327.28	328.28	1.00	0.09		4.00	806.00	1988.00
			1077526	327.28	328.28	1.00	0.08		5.00	1005.00	2018.00
			1077527	328.28	329.28	1.00	0.29		4.00	385.00	845.00
			1077528	329.28	330.28	1.00	0.48		4.00	461.00	1181.00
			1077529	330.28	331.33	1.05	3.62		57.00	5803.00	6946.00
			1077531	331.33	332.67	1.34	0.10		2.00	161.00	167.00
			1077532	332.67	334.00	1.33	0.37		3.00	372.00	666.00
			1077533	334.00	335.00	1.00	0.23		4.00	1270.00	4065.00
			1077534	335.00	336.00	1.00	0.11		2.00	122.00	270.00
			1077535	336.00	337.00	1.00	0.08		4.00	136.00	675.00
			1077536	337.00	338.00	1.00	0.34		5.00	418.00	1660.00
			1077537	338.00	339.00	1.00	0.34		3.00	348.00	593.00
			1077538	339.00	340.00	1.00	0.48		0.50	86.00	146.00
			1077539	340.00	341.00	1.00	0.46		5.00	194.00	1531.00
			1077541	341.00	342.00	1.00	0.07		0.50	45.00	117.00
			1077542	342.00	343.00	1.00	0.12		6.00	187.00	290.00
			1077543	343.00	344.00	1.00	0.34		4.00	479.00	488.00
			1077544	344.00	345.00	1.00	0.04		4.00	60.00	91.00
			1077545	345.00	346.00	1.00	0.50		2.00	643.00	925.00
			1077546	345.00	346.00	1.00	0.72		3.00	559.00	1292.00
			1077547	346.00	347.00	1.00	0.03		0.50	114.00	160.00

# DETAILED LOG

Hole Number: TL11192

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1077548	347.00	348.00	1.00	0.08		4.00	103.00	129.00
			1077549	348.00	349.00	1.00	0.03		3.00	190.00	150.00
			1077551	349.00	350.00	1.00	0.07		3.00	300.00	399.00
			1077552	350.00	351.00	1.00	0.34		0.50	0.50	0.50
			1077553	351.00	352.00	1.00	0.11		3.00	811.00	1455.00
			1077554	352.00	353.00	1.00	0.05		3.00	422.00	658.00
			1077555	353.00	354.00	1.00	0.08		7.00	1216.00	3474.00
			1077556	354.00	355.30	1.30	0.09		3.00	79.00	205.00
			1077557	355.30	356.30	1.00	0.06		2.00	55.00	128.00
			1077558	356.30	357.30	1.00	0.89		3.00	550.00	1377.00
			1077559	357.30	358.30	1.00	0.32		3.00	156.00	297.00
			1077561	358.30	359.30	1.00	0.23		5.00	489.00	1086.00
			1077562	359.30	359.80	0.50	2.02		18.00	6297.00	6576.00
			1077563	359.80	360.80	1.00	0.11		6.00	197.00	363.00
			1077564	360.80	361.80	1.00	0.13		9.00	2567.00	2560.00
			1077565	361.80	362.80	1.00	0.08		4.00	306.00	869.00
			1077566	361.80	362.80	1.00	0.10		6.00	484.00	1155.00
362.80	404.40	BMS, Biotite Muscovite Schist V. wkly ser BMS with tr-1%py, tr po-sph. Strong microfractures from 397.35-397.65m associated with strong ser and trace cpy-po.	1077567	362.80	364.30	1.50	0.11		3.00	41.00	138.00
			1077568	364.30	365.80	1.50	0.11		3.00	32.00	62.00
			1077569	365.80	367.30	1.50	0.02		4.00	130.00	475.00
			1077571	401.40	402.90	1.50	0.03		3.00	53.00	76.00
			1077572	402.90	404.40	1.50	0.07		2.00	24.00	158.00
404.40	417.00	MSS, Muscovite Sericite Schist Moderately ser MSS C-zone. 1-2% py. 413.5-414m: 2%py, trace cpy-gln-asp. Trace sph from 414-417m.	1077573	404.40	405.40	1.00	0.16		5.00	120.00	653.00
			1077574	405.40	406.40	1.00	0.03		4.00	41.00	53.00
			1077575	406.40	407.70	1.30	0.11		4.00	54.00	277.00
			1077576	407.70	408.70	1.00	0.15		7.00	49.00	76.00
			1077577	408.70	409.70	1.00	0.21		3.00	48.00	126.00
			1077578	409.70	410.70	1.00	0.03		2.00	66.00	92.00
			1077579	410.70	411.70	1.00	0.04		1.00	34.00	51.00
			1077581	411.70	412.65	0.95	0.25		4.00	182.00	755.00
			1077582	412.65	413.60	0.95	0.08		3.00	75.00	279.00
			1077583	413.60	414.27	0.67	0.33		0.50	101.00	152.00
			1077584	414.27	415.27	1.00	0.37		1.00	89.00	115.00
			1077585	415.27	416.00	0.73	0.13		8.00	432.00	837.00
		1077586	415.27	416.00	0.73	0.08		2.00	258.00	866.00	
		1077587	416.00	417.00	1.00	0.18		4.00	77.00	267.00	

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077501	303.90	305.40	0.0330		0.5000	36.0000	72.0000
1077502	305.40	306.90	0.0280		3.0000	42.0000	96.0000



Hole Number: TL11192

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077503	306.90	308.40	0.0200		5.0000	63.0000	108.0000
1077504	308.40	309.40	0.2600		8.0000	933.0000	1717.0000
1077505	309.40	310.75	0.0150		2.0000	37.0000	46.0000
1077507	310.75	311.75	0.0350		4.0000	68.0000	62.0000
1077508	311.75	312.75	0.0140		0.5000	64.0000	44.0000
1077509	312.75	313.75	0.0150		3.0000	86.0000	78.0000
1077511	313.75	314.75	0.0440		0.5000	59.0000	213.0000
1077512	314.75	315.70	0.1180		5.0000	371.0000	1076.0000
1077513	315.70	316.70	0.0950		2.0000	525.0000	1979.0000
1077514	316.70	317.70	0.1590		3.0000	1458.0000	3770.0000
1077515	317.70	318.70	0.0500		1.0000	70.0000	60.0000
1077516	318.70	319.90	0.0320		0.5000	39.0000	57.0000
1077517	319.90	320.90	0.1620		3.0000	740.0000	2179.0000
1077518	320.90	321.90	0.1620		2.0000	818.0000	1438.0000
1077519	321.90	322.90	0.1490		5.0000	182.0000	864.0000
1077521	322.90	323.90	0.1140		2.0000	92.0000	611.0000
1077522	323.90	324.90	0.0880		3.0000	221.0000	505.0000
1077523	324.90	325.90	0.1880		2.0000	593.0000	787.0000
1077524	325.90	327.28	0.0980		3.0000	155.0000	419.0000
1077525	327.28	328.28	0.0920		4.0000	806.0000	1988.0000
1077527	328.28	329.28	0.2860		4.0000	385.0000	845.0000
1077528	329.28	330.28	0.4800		4.0000	461.0000	1181.0000
1077529	330.28	331.33	3.6210		57.0000	5803.0000	6946.0000
1077531	331.33	332.67	0.1010		2.0000	161.0000	167.0000
1077532	332.67	334.00	0.3740		3.0000	372.0000	666.0000
1077533	334.00	335.00	0.2280		4.0000	1270.0000	4065.0000
1077534	335.00	336.00	0.1090		2.0000	122.0000	270.0000
1077535	336.00	337.00	0.0750		4.0000	136.0000	675.0000
1077536	337.00	338.00	0.3350		5.0000	418.0000	1660.0000
1077537	338.00	339.00	0.3390		3.0000	348.0000	593.0000
1077538	339.00	340.00	0.4800		0.5000	86.0000	146.0000
1077539	340.00	341.00	0.4600		5.0000	194.0000	1531.0000
1077541	341.00	342.00	0.0730		0.5000	45.0000	117.0000
1077542	342.00	343.00	0.1200		6.0000	187.0000	290.0000
1077543	343.00	344.00	0.3390		4.0000	479.0000	488.0000
1077544	344.00	345.00	0.0370		4.0000	60.0000	91.0000
1077545	345.00	346.00	0.4970		2.0000	643.0000	925.0000
1077547	346.00	347.00	0.0330		0.5000	114.0000	160.0000
1077548	347.00	348.00	0.0810		4.0000	103.0000	129.0000

Hole Number: TL11192

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077549	348.00	349.00	0.0320		3.0000	190.0000	150.0000
1077551	349.00	350.00	0.0710		3.0000	300.0000	399.0000
1077552	350.00	351.00	0.3370		0.5000	0.5000	0.5000
1077553	351.00	352.00	0.1140		3.0000	811.0000	1455.0000
1077554	352.00	353.00	0.0480		3.0000	422.0000	658.0000
1077555	353.00	354.00	0.0750		7.0000	1216.0000	3474.0000
1077556	354.00	355.30	0.0930		3.0000	79.0000	205.0000
1077557	355.30	356.30	0.0620		2.0000	55.0000	128.0000
1077558	356.30	357.30	0.8930		3.0000	550.0000	1377.0000
1077559	357.30	358.30	0.3180		3.0000	156.0000	297.0000
1077561	358.30	359.30	0.2310		5.0000	489.0000	1086.0000
1077562	359.30	359.80	2.0180		18.0000	6297.0000	6576.0000
1077563	359.80	360.80	0.1070		6.0000	197.0000	363.0000
1077564	360.80	361.80	0.1270		9.0000	2567.0000	2560.0000
1077565	361.80	362.80	0.0830		4.0000	306.0000	869.0000
1077567	362.80	364.30	0.1080		3.0000	41.0000	138.0000
1077568	364.30	365.80	0.1080		3.0000	32.0000	62.0000
1077569	365.80	367.30	0.0200		4.0000	130.0000	475.0000
1077571	401.40	402.90	0.0280		3.0000	53.0000	76.0000
1077572	402.90	404.40	0.0740		2.0000	24.0000	158.0000
1077573	404.40	405.40	0.1590		5.0000	120.0000	653.0000
1077574	405.40	406.40	0.0310		4.0000	41.0000	53.0000
1077575	406.40	407.70	0.1080		4.0000	54.0000	277.0000
1077576	407.70	408.70	0.1460		7.0000	49.0000	76.0000
1077577	408.70	409.70	0.2140		3.0000	48.0000	126.0000
1077578	409.70	410.70	0.0250		2.0000	66.0000	92.0000
1077579	410.70	411.70	0.0440		1.0000	34.0000	51.0000
1077581	411.70	412.65	0.2540		4.0000	182.0000	755.0000
1077582	412.65	413.60	0.0780		3.0000	75.0000	279.0000
1077583	413.60	414.27	0.3260		0.5000	101.0000	152.0000
1077584	414.27	415.27	0.3710		1.0000	89.0000	115.0000
1077585	415.27	416.00	0.1260		8.0000	432.0000	837.0000
1077587	416.00	417.00	0.1820		4.0000	77.0000	267.0000
Sample Type	CDUP						
1077506	309.40	310.75	0.0070		2.0000	35.0000	67.0000
1077526	327.28	328.28	0.0780		5.0000	1005.0000	2018.0000
1077546	345.00	346.00	0.7170		3.0000	559.0000	1292.0000
1077566	361.80	362.80	0.0950		6.0000	484.0000	1155.0000
1077586	415.27	416.00	0.0790		2.0000	258.0000	866.0000



## DETAILED LOG

Hole Number: TL11193

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
196.50	200.90	MSS, Muscovite Sericite Schist Second MSS hanging wall from surface. 85% ser with 15% bio. 1% pyrite with trace sph in stringers.									
200.90	204.17	BMS, Biotite Muscovite Schist Typical BMS zone. Weak chl banding + trace py throughout	1076515	202.67	204.17	1.50	0.06		1.00	46.00	70.00
204.17	215.91	MSS, Muscovite Sericite Schist Third hanging wall from surface. 1% disseminated pyrite throughout. With 10% diss py from 205.03-205.90 m. 90% ser altn throughout interval. 4 f2 folds. Associated with qtz veining. Foliation shallows at 204.17 from 45-50 deg TCA to 30-40 deg TCA	1076516	204.17	205.00	0.83	0.13		1.00	66.00	589.00
			1076517	205.00	205.90	0.90	0.05		1.00	39.00	366.00
			1076518	205.90	207.00	1.10	0.03		1.00	26.00	107.00
			1076519	207.00	208.10	1.10	0.04		0.50	32.00	522.00
			1076521	208.10	209.60	1.50	0.04		1.00	30.00	94.00
			1076522	209.60	210.60	1.00	0.02		0.50	25.00	38.00
			1076523	210.60	211.60	1.00	0.02		0.50	29.00	32.00
			1076524	211.60	212.60	1.00	0.01		0.50	20.00	25.00
			1076525	212.60	213.71	1.11	0.01		0.50	23.00	32.00
			1076526	212.60	213.71	1.11	0.01		0.50	22.00	43.00
			1076527	213.71	214.82	1.11	0.02		0.50	22.00	146.00
			1076528	214.82	215.91	1.09	0.02		1.00	27.00	104.00
215.91	235.60	BMS, Biotite Muscovite Schist Typical BMS. 1% pyrite throughout interval. Trace to 0.1% po. 25% ser alth highly silicified areas. 5 f2 folds mostly associated with qtz veining. Folds mostly plunge SW. Area of strong fracturing between 217-218.10 m.	1076529	215.91	217.41	1.50	0.03		0.50	32.00	121.00
			1076531	232.67	234.17	1.50	0.06		0.50	26.00	50.00
			1076532	234.17	234.83	0.66	0.02		0.50	22.00	51.00
			1076533	234.83	235.60	0.77	0.07		0.50	34.00	57.00
235.60	243.48	MSS, Muscovite Sericite Schist HW MSS Zone. Overall 1% diss pyrite with 1% sph stringers. Gal blebs within stringers. Weak qtz-tour veining throughout interval. One f2 fold at 240.62-240.75 m with axial plane 20 deg TCA plunging SW.	1076534	235.60	236.93	1.33	0.03		0.50	46.00	216.00
			1076535	236.93	238.00	1.07	0.09		1.00	157.00	219.00
			1076536	238.00	239.24	1.24	0.03		4.00	769.00	1113.00
			1076537	239.24	240.24	1.00	0.44		0.50	47.00	52.00
			1076538	240.24	241.40	1.16	0.14		2.00	237.00	304.00
			1076539	241.40	242.56	1.16	0.07		0.50	72.00	213.00
			1076541	242.56	243.48	0.92	0.16		1.00	177.00	427.00
243.48	251.35	BMS, Biotite Muscovite Schist BMS Zone. Higher percentage of sulphides within this interval. 2% py, 2% sph and trace to 1% gal and cpy throughout. Concentrated within sulphide rich stringer.	1076542	243.48	244.98	1.50	0.05		1.00	133.00	231.00
			1076543	244.98	245.84	0.86	0.04		0.50	64.00	62.00
			1076544	245.84	246.84	1.00	0.29		3.00	657.00	1106.00
			1076546	246.84	247.62	0.78	0.23		2.00	145.00	122.00
			1076545	246.84	247.62	0.78	0.07		1.00	164.00	79.00
			1076547	247.62	248.35	0.73	0.07		1.00	95.00	185.00
			1076548	248.35	249.85	1.50	0.09		0.50	53.00	91.00
			1076549	249.85	251.35	1.50	0.06		0.50	67.00	157.00
251.35	255.97	MSS, Muscovite Sericite Schist Last MSS hanging wall zone above Main Zone. 1% py and sph overall. Trace gal. One massive band/stringer with 60% py in 2-4 mm rounded blebs, 20% interstitial sph and 5% gal interstitial at 255.53-255.63 m. Chl altn from 252.6-252.95 m. Strong ser at 70% ser 30% bio. Two microshears one at 252.06 with 0.5 mm dextral displacement. The other microshear at 254.82 has 0.5 mm sinistral displacement.	1076551	251.35	252.35	1.00	0.12		5.00	857.00	1554.00
			1076552	252.35	253.35	1.00	0.06		0.50	236.00	201.00
			1076553	253.35	254.35	1.00	0.13		1.00	155.00	190.00
			1076554	254.35	255.25	0.90	0.10		1.00	133.00	104.00
			1076555	255.25	255.97	0.72	0.21		32.00	9138.00	26071.00

## DETAILED LOG

Hole Number: TL11193

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
255.97	283.58	BMS, Biotite Muscovite Schist Typical BMS Zone. 1% py increasing to 2% at 275.49 m. <1% gal at 269.08-269.12 m. 2% sph from 280.77-280.80 m. Highly fractured and faulted with 7 fault zones. Strongest fault zone from 278.67-279.34 m. 10 cm lithified fault gouge on fault plane. Higher percentage of sulphides within and around FTZ's. One f2 fold at 15 deg TCA adjacent to qtz vein. Noticable increase of garnets in chl banding	1076556	255.97	257.47	1.50	0.03		1.00	96.00	186.00
			1076557	257.47	258.97	1.50	0.02		1.00	39.00	70.00
			1076558	258.97	260.03	1.06	0.05		1.00	92.00	242.00
			1076559	267.24	268.74	1.50	0.51		0.50	34.00	46.00
			1076561	268.74	269.62	0.88	0.61		7.00	408.00	1044.00
			1076562	269.62	271.12	1.50	1.17	0.76	1.00	28.00	55.00
			1076563	280.58	282.08	1.50	0.78	0.80	0.50	67.00	105.00
		1076564	282.08	283.58	1.50	1.91	4.47	1.00	56.00	114.00	
283.58	311.45	MSS, Muscovite Sericite Schist Main zone MSS. 5% PY, decreasing to 3% Py DH. 2% Sph, 1% Pb, CP, Po. Qtz-bio veining associated with folding at margins. Increasing intensity of alteration DH; 65% ser 35% bio, increasing to 90% ser 10% bio DH. 1 fold, 3 FTZ associated w/ chl alteration.	1076565	283.58	284.14	0.56	0.75	1.14	2.00	149.00	589.00
			1076566	283.58	284.14	0.56	1.30	0.73	3.00	214.00	555.00
			1076567	284.14	285.14	1.00	0.40	0.29	1.00	39.00	73.00
			1076568	285.14	286.14	1.00	0.66	0.41	2.00	45.00	147.00
			1076569	286.14	286.94	0.80	22.41	12.49	0.50	48.00	68.00
			1076571	286.94	287.94	1.00	0.06	0.11	0.50	47.00	87.00
			1076572	287.94	288.72	0.78	4.16	3.00	37.00	1986.00	4655.00
			1076573	288.72	289.49	0.77	0.34	0.59	5.00	296.00	1057.00
			1076574	289.49	290.58	1.09	0.10	0.05	0.50	30.00	41.00
			1076575	290.58	291.64	1.06	0.11	0.09	0.50	27.00	20.00
			1076576	291.64	292.64	1.00	3.96	2.07	2.00	72.00	404.00
			1076577	292.64	293.64	1.00	0.03		0.50	30.00	55.00
			1076578	293.64	295.00	1.36	0.03		0.50	23.00	42.00
			1076579	295.00	296.26	1.26	0.02		1.00	22.00	86.00
			1076581	296.26	297.26	1.00	0.02		1.00	28.00	41.00
			1076582	297.26	297.97	0.71	0.02		1.00	31.00	32.00
			1076583	297.97	299.33	1.36	0.01		2.00	32.00	56.00
			1076584	299.33	300.44	1.11	0.01		1.00	26.00	93.00
			1076585	300.44	301.44	1.00	0.01		1.00	18.00	130.00
			1076586	300.44	301.44	1.00	0.02		2.00	35.00	615.00
			1076587	301.44	302.44	1.00	0.02		1.00	29.00	42.00
			1076588	302.44	303.72	1.28	0.14		8.00	59.00	269.00
			1076589	303.72	304.90	1.18	0.17		3.00	24.00	28.00
		1076591	304.90	305.90	1.00	0.23		5.00	62.00	334.00	
		1076592	305.90	306.90	1.00	1.01		24.00	701.00	134.00	
		1076593	306.90	307.90	1.00	0.34		3.00	110.00	51.00	
		1076594	307.90	308.65	0.75	0.54		7.00	116.00	173.00	
		1076595	308.65	309.86	1.21	0.10		4.00	111.00	240.00	
		1076596	309.86	310.86	1.00	0.03		2.00	48.00	97.00	
		1076597	310.86	311.45	0.59	0.06		6.00	94.00	159.00	
311.45	322.92	BMS, Biotite Muscovite Schist Typical BMS zone. 4 folds, 1 FTZ. 75% bio, 25% ser alteration. Qtz-To & Qtz-bio associated with folding. 1% Py & trace Po.	1076598	311.45	312.92	1.47	0.06		6.00	36.00	121.00
			1076599	321.42	322.92	1.50	0.01		0.50	23.00	31.00

## DETAILED LOG

Hole Number: TL11193

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
322.92	328.50	MSS, Muscovite Sericite Schist 1st foot wall MSS zone DH. Trace Py. 60% ser 40% bio alteration. 2 folds.	1076601	322.92	323.92	1.00	0.01		3.00	271.00	63.00
			1076602	323.92	324.88	0.96	0.01		0.50	23.00	8.00
			1076603	324.88	325.78	0.90	0.00		0.50	31.00	26.00
			1076604	325.78	326.72	0.94	0.02		2.00	34.00	27.00
			1076605	326.72	327.62	0.90	0.01		1.00	25.00	20.00
			1076606	326.72	327.62	0.90	0.01		1.00	23.00	17.00
			1076607	327.62	328.50	0.88	0.02		1.00	32.00	41.00
328.50	344.05	BMS, Biotite Muscovite Schist Typical BMS. 1% Py, trace Po. 85% bio, 25% ser alteration. 3 folds, 1 FTZ.	1076608	328.50	330.00	1.50	0.05		3.00	45.00	125.00
			1076609	342.55	344.05	1.50	0.06		1.00	36.00	80.00
344.05	365.17	MSS, Muscovite Sericite Schist 2nd & final footwall MSS zone before c zone. 2% Py, 1% Sph, Trace Pb. Variation in alteration; 55% ser 45% bio. 2 folds.	1076611	344.05	345.55	1.50	0.20		1.00	198.00	982.00
			1076612	345.55	346.55	1.00	0.04		0.50	36.00	58.00
			1076613	346.55	347.55	1.00	0.05		0.50	38.00	70.00
			1076614	347.55	348.55	1.00	0.06		0.50	24.00	46.00
			1076615	348.55	349.55	1.00	0.01		0.50	22.00	39.00
			1076616	349.55	350.55	1.00	0.02		0.50	20.00	43.00
			1076617	350.55	351.55	1.00	0.02		0.50	26.00	70.00
			1076618	351.55	352.60	1.05	0.08		0.50	24.00	42.00
			1076619	352.60	353.67	1.07	0.04		0.50	29.00	53.00
			1076621	353.67	354.32	0.65	0.45		3.00	445.00	1694.00
			1076622	354.32	355.04	0.72	0.03		0.50	38.00	66.00
			1076623	355.04	355.92	0.88	0.06		0.50	24.00	55.00
			1076624	355.92	356.92	1.00	0.12		0.50	23.00	208.00
			1076626	356.92	357.92	1.00	0.04		0.50	22.00	56.00
			1076625	356.92	357.92	1.00	0.04		0.50	20.00	99.00
			1076627	357.92	358.92	1.00	0.02		0.50	19.00	45.00
			1076628	358.92	359.92	1.00	0.02		0.50	28.00	38.00
1076629	359.92	360.92	1.00	0.09		0.50	22.00	45.00			
1076631	360.92	361.88	0.96	0.04		0.50	17.00	222.00			
1076632	361.88	362.92	1.04	0.01		0.50	12.00	50.00			
1076633	362.92	364.05	1.13	0.03		0.50	20.00	65.00			
1076634	364.05	365.17	1.12	0.08		0.50	24.00	47.00			
365.17	372.89	BMS, Biotite Muscovite Schist Typical BMS. 3% Py, Trace Sph & Po. 10% ser 90% bio alteration.	1076635	365.17	366.67	1.50	0.25		0.50	29.00	217.00
			1076636	366.67	368.17	1.50	0.13		0.50	54.00	127.00
			1076637	368.17	369.90	1.73	0.30		1.00	60.00	338.00
			1076638	369.90	371.39	1.49	0.18		0.50	52.00	104.00
			1076639	371.39	372.89	1.50	0.16		0.50	87.00	350.00
372.89	377.49	MSS, Muscovite Sericite Schist C-zone MSS. Throughout interval: 1% Py & trace Sph. Conc 5% Py, 2-5% Sph, 1% Pb & 5% CP at beginning and end of interval. 1x 1mm bleb Visible Au at 373.74m. 80-85% ser 15-20% bio alteration. 1 fold.	1076641	372.89	373.48	0.59	0.35	0.59	3.00	1051.00	3090.00
			1076642	373.48	374.47	0.99	2.17	2.26	6.00	798.00	7995.00
			1076643	374.47	375.78	1.31	0.10	0.11	0.50	55.00	143.00
			1076644	375.78	376.52	0.74	0.02		0.50	40.00	139.00
			1076645	376.52	377.49	0.97	0.25		2.00	245.00	1001.00
			1076646	376.52	377.49	0.97	0.10		2.00	170.00	1561.00
377.49	450.00	BMS, Biotite Muscovite Schist	1076647	377.49	378.99	1.50	0.04		0.50	45.00	182.00

Hole Number: TL11193

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076515	202.67	204.17	0.0550		1.0000	46.0000	70.0000
1076516	204.17	205.00	0.1260		1.0000	66.0000	589.0000
1076517	205.00	205.90	0.0500		1.0000	39.0000	366.0000
1076518	205.90	207.00	0.0330		1.0000	26.0000	107.0000
1076519	207.00	208.10	0.0350		0.5000	32.0000	522.0000
1076521	208.10	209.60	0.0410		1.0000	30.0000	94.0000
1076522	209.60	210.60	0.0220		0.5000	25.0000	38.0000
1076523	210.60	211.60	0.0230		0.5000	29.0000	32.0000
1076524	211.60	212.60	0.0130		0.5000	20.0000	25.0000
1076525	212.60	213.71	0.0090		0.5000	23.0000	32.0000
1076527	213.71	214.82	0.0190		0.5000	22.0000	146.0000
1076528	214.82	215.91	0.0150		1.0000	27.0000	104.0000
1076529	215.91	217.41	0.0260		0.5000	32.0000	121.0000
1076531	232.67	234.17	0.0610		0.5000	26.0000	50.0000
1076532	234.17	234.83	0.0210		0.5000	22.0000	51.0000
1076533	234.83	235.60	0.0740		0.5000	34.0000	57.0000
1076534	235.60	236.93	0.0260		0.5000	46.0000	216.0000
1076535	236.93	238.00	0.0940		1.0000	157.0000	219.0000
1076536	238.00	239.24	0.0320		4.0000	769.0000	1113.0000
1076537	239.24	240.24	0.4440		0.5000	47.0000	52.0000
1076538	240.24	241.40	0.1430		2.0000	237.0000	304.0000
1076539	241.40	242.56	0.0650		0.5000	72.0000	213.0000
1076541	242.56	243.48	0.1580		1.0000	177.0000	427.0000
1076542	243.48	244.98	0.0510		1.0000	133.0000	231.0000
1076543	244.98	245.84	0.0350		0.5000	64.0000	62.0000
1076544	245.84	246.84	0.2940		3.0000	657.0000	1106.0000
1076545	246.84	247.62	0.0680		1.0000	164.0000	79.0000
1076547	247.62	248.35	0.0700		1.0000	95.0000	185.0000
1076548	248.35	249.85	0.0880		0.5000	53.0000	91.0000
1076549	249.85	251.35	0.0580		0.5000	67.0000	157.0000
1076551	251.35	252.35	0.1200		5.0000	857.0000	1554.0000
1076552	252.35	253.35	0.0600		0.5000	236.0000	201.0000
1076553	253.35	254.35	0.1310		1.0000	155.0000	190.0000
1076554	254.35	255.25	0.0970		1.0000	133.0000	104.0000
1076555	255.25	255.97	0.2130		32.0000	9138.0000	26071.0000
1076556	255.97	257.47	0.0260		1.0000	96.0000	186.0000
1076557	257.47	258.97	0.0210		1.0000	39.0000	70.0000
1076558	258.97	260.03	0.0470		1.0000	92.0000	242.0000
1076559	267.24	268.74	0.5110		0.5000	34.0000	46.0000

Hole Number: TL11193

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076561	268.74	269.62	0.6080		7.0000	408.0000	1044.0000
1076562	269.62	271.12	1.1730	0.7550	1.0000	28.0000	55.0000
1076563	280.58	282.08	0.7790	0.7990	0.5000	67.0000	105.0000
1076564	282.08	283.58	1.9130	4.4720	1.0000	56.0000	114.0000
1076565	283.58	284.14	0.7490	1.1420	2.0000	149.0000	589.0000
1076567	284.14	285.14	0.3950	0.2910	1.0000	39.0000	73.0000
1076568	285.14	286.14	0.6580	0.4100	2.0000	45.0000	147.0000
1076569	286.14	286.94	22.4090	12.4940	0.5000	48.0000	68.0000
1076571	286.94	287.94	0.0560	0.1070	0.5000	47.0000	87.0000
1076572	287.94	288.72	4.1630	3.0000	37.0000	1986.0000	4655.0000
1076573	288.72	289.49	0.3410	0.5850	5.0000	296.0000	1057.0000
1076574	289.49	290.58	0.0970	0.0490	0.5000	30.0000	41.0000
1076575	290.58	291.64	0.1080	0.0930	0.5000	27.0000	20.0000
1076576	291.64	292.64	3.9590	2.0690	2.0000	72.0000	404.0000
1076577	292.64	293.64	0.0270		0.5000	30.0000	55.0000
1076578	293.64	295.00	0.0290		0.5000	23.0000	42.0000
1076579	295.00	296.26	0.0230		1.0000	22.0000	86.0000
1076581	296.26	297.26	0.0210		1.0000	28.0000	41.0000
1076582	297.26	297.97	0.0180		1.0000	31.0000	32.0000
1076583	297.97	299.33	0.0120		2.0000	32.0000	56.0000
1076584	299.33	300.44	0.0080		1.0000	26.0000	93.0000
1076585	300.44	301.44	0.0090		1.0000	18.0000	130.0000
1076587	301.44	302.44	0.0160		1.0000	29.0000	42.0000
1076588	302.44	303.72	0.1440		8.0000	59.0000	269.0000
1076589	303.72	304.90	0.1690		3.0000	24.0000	28.0000
1076591	304.90	305.90	0.2260		5.0000	62.0000	334.0000
1076592	305.90	306.90	1.0140		24.0000	701.0000	134.0000
1076593	306.90	307.90	0.3370		3.0000	110.0000	51.0000
1076594	307.90	308.65	0.5420		7.0000	116.0000	173.0000
1076595	308.65	309.86	0.1030		4.0000	111.0000	240.0000
1076596	309.86	310.86	0.0310		2.0000	48.0000	97.0000
1076597	310.86	311.45	0.0570		6.0000	94.0000	159.0000
1076598	311.45	312.92	0.0580		6.0000	36.0000	121.0000
1076599	321.42	322.92	0.0060		0.5000	23.0000	31.0000
1076601	322.92	323.92	0.0060		3.0000	271.0000	63.0000
1076602	323.92	324.88	0.0120		0.5000	23.0000	8.0000
1076603	324.88	325.78	0.0020		0.5000	31.0000	26.0000
1076604	325.78	326.72	0.0160		2.0000	34.0000	27.0000
1076605	326.72	327.62	0.0130		1.0000	25.0000	20.0000



Hole Number: TL11193

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076607	327.62	328.50	0.0240		1.0000	32.0000	41.0000
1076608	328.50	330.00	0.0490		3.0000	45.0000	125.0000
1076609	342.55	344.05	0.0550		1.0000	36.0000	80.0000
1076611	344.05	345.55	0.1960		1.0000	198.0000	982.0000
1076612	345.55	346.55	0.0440		0.5000	36.0000	58.0000
1076613	346.55	347.55	0.0450		0.5000	38.0000	70.0000
1076614	347.55	348.55	0.0590		0.5000	24.0000	46.0000
1076615	348.55	349.55	0.0140		0.5000	22.0000	39.0000
1076616	349.55	350.55	0.0180		0.5000	20.0000	43.0000
1076617	350.55	351.55	0.0210		0.5000	26.0000	70.0000
1076618	351.55	352.60	0.0810		0.5000	24.0000	42.0000
1076619	352.60	353.67	0.0410		0.5000	29.0000	53.0000
1076621	353.67	354.32	0.4510		3.0000	445.0000	1694.0000
1076622	354.32	355.04	0.0320		0.5000	38.0000	66.0000
1076623	355.04	355.92	0.0590		0.5000	24.0000	555.0000
1076624	355.92	356.92	0.1240		0.5000	23.0000	208.0000
1076625	356.92	357.92	0.0410		0.5000	20.0000	99.0000
1076627	357.92	358.92	0.0230		0.5000	19.0000	45.0000
1076628	358.92	359.92	0.0230		0.5000	28.0000	38.0000
1076629	359.92	360.92	0.0910		0.5000	22.0000	45.0000
1076631	360.92	361.88	0.0390		0.5000	17.0000	222.0000
1076632	361.88	362.92	0.0130		0.5000	12.0000	50.0000
1076633	362.92	364.05	0.0280		0.5000	20.0000	65.0000
1076634	364.05	365.17	0.0770		0.5000	24.0000	47.0000
1076635	365.17	366.67	0.2480		0.5000	29.0000	217.0000
1076636	366.67	368.17	0.1250		0.5000	54.0000	127.0000
1076637	368.17	369.90	0.2970		1.0000	60.0000	338.0000
1076638	369.90	371.39	0.1770		0.5000	52.0000	104.0000
1076639	371.39	372.89	0.1640		0.5000	87.0000	350.0000
1076641	372.89	373.48	0.3460	0.5910	3.0000	1051.0000	3090.0000
1076642	373.48	374.47	2.1680	2.2610	6.0000	798.0000	7995.0000
1076643	374.47	375.78	0.0980	0.1050	0.5000	55.0000	143.0000
1076644	375.78	376.52	0.0170		0.5000	40.0000	139.0000
1076645	376.52	377.49	0.2480		2.0000	245.0000	1001.0000
1076647	377.49	378.99	0.0390		0.5000	45.0000	182.0000
Sample Type	CDUP						
1076526	212.60	213.71	0.0100		0.5000	22.0000	43.0000
1076546	246.84	247.62	0.2300		2.0000	145.0000	122.0000
1076566	283.58	284.14	1.3020	0.7300	3.0000	214.0000	555.0000

Hole Number: TL11193

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type CDUP							
1076586	300.44	301.44	0.0190		2.0000	35.0000	615.0000
1076606	326.72	327.62	0.0110		1.0000	23.0000	17.0000
1076626	356.92	357.92	0.0400		0.5000	22.0000	56.0000
1076646	376.52	377.49	0.1020		2.0000	170.0000	1561.0000



# DETAILED LOG

Hole Number: TL11194A

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: 87.00
Project Number: TMI-TL	North: 5511753.73	North:	Collar Az: 354.00
Location: Zealand Township	East: 528111.28	East:	Length: 726.00
	Elev: 395.08	Elev:	Start Depth: 0.00
Date Started: Jun 19, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jun 23, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 726.00

Comments: RQD interval 417-420m not included due to block error. Data exceeds limit.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	315.00	-86.00	EZ Sho	OK		24.00	315.20	-85.30	EZ Sho	OK	
33.00	315.40	-85.00	EZ Sho	OK		51.00	316.80	-84.20	EZ Sho	OK	
60.00	318.10	-84.20	EZ Sho	OK		99.00	321.00	-83.70	EZ Sho	OK	
150.00	322.90	-82.90	EZ Sho	OK		201.00	326.80	-82.20	EZ Sho	OK	
252.00	332.80	-81.60	EZ Sho	OK		303.00	334.90	-81.10	EZ Sho	OK	
354.00	339.20	-80.50	EZ Sho	OK		402.00	344.00	-80.00	EZ Sho	OK	
453.00	344.90	-79.00	EZ Sho	OK		501.00	345.20	-77.90	EZ Sho	OK	
552.00	346.60	-77.20	EZ Sho	OK		600.00	347.70	-75.80	EZ Sho	OK	
650.00	349.50	-75.80	EZ Sho	OK		702.00	350.50	-74.60	EZ Sho	OK	
726.00	352.10	-74.30	EZ Sho	OK	COMPLETE						

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	6.04	OB, Overburden 4 cm of granite boulder drilled through before metaseds.									
6.04	31.73	MSED, Metasediment Metasediments w/ 4-5% py and trace po.									
31.73	407.36	BMS, Biotite Muscovite Schist Very large BMS interval. Multiple faults and microshears. Beginning of interval to 209 m 3-4% asp and 5-6% py. From 178.18-178.42 m 37% py stringers. From 209-407.36 m 8-9% py and from 311-407.36 m 1% sph and 3-4% asp. Trace po, cp, ank, and galena present.	1077588	176.87	177.87	1.00	0.02		1.00	21.00	257.0
			1077589	177.87	178.87	1.00	0.05		2.00	23.00	564.0
			1077591	178.87	179.91	1.04	0.03		0.50	31.00	74.0
			1077592	405.36	406.36	1.00	0.04		2.00	36.00	2455.0
			1077593	406.36	407.36	1.00	0.01		1.00	34.00	89.0



## DETAILED LOG

Hole Number: TL11194A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
539.41	579.39	MSS, Muscovite Sericite Schist	1077608	539.41	540.31	0.90	0.18		2.00	61.00	111.00
		MSS main zone w/ very strongly altered sections intercalated w/ very weak to moderately altered sections. One microfault. Interval from 542.51-543 m w/ 25% py stringers and at 551.71-551.79 m 45% py stringers, 25% sph and 8% gn. Over the rest of the interval 8-11% py, 1% sph, 1% gn and trace cp.	1077609	540.31	541.31	1.00	0.30		2.00	103.00	298.00
			1077611	541.31	542.51	1.20	0.67		2.00	250.00	873.00
			1077612	542.51	543.54	1.03	4.94		9.00	3167.00	4920.00
			1077613	543.54	544.74	1.20	0.19		1.00	87.00	152.00
			1077614	544.74	545.54	0.80	0.08		1.00	71.00	105.00
			1077615	545.54	546.32	0.78	0.17		1.00	53.00	78.00
			1077616	546.32	547.32	1.00	0.71		1.00	27.00	28.00
			1077617	547.32	548.53	1.21	0.45		2.00	58.00	143.00
			1077618	548.53	549.57	1.04	0.57		1.00	62.00	79.00
			1077619	549.57	550.57	1.00	1.10		1.00	71.00	66.00
			1077621	550.57	551.50	0.93	0.59		2.00	149.00	396.00
			1077622	551.50	552.45	0.95	14.54	8.40	28.00	4487.00	20555.00
			1077623	552.45	553.17	0.72	0.38		2.00	116.00	341.00
			1077624	553.17	553.89	0.72	0.18		1.00	28.00	83.00
			1077626	553.89	554.89	1.00	0.07		1.00	20.00	58.00
			1077625	553.89	554.89	1.00	0.05		1.00	27.00	61.00
			1077627	554.89	555.89	1.00	0.97		2.00	74.00	127.00
			1077628	555.89	556.93	1.04	0.28		2.00	40.00	101.00
			1077629	556.93	557.93	1.00	0.44		2.00	34.00	101.00
			1077631	557.93	558.93	1.00	0.27		2.00	42.00	104.00
			1077632	558.93	559.96	1.03	8.30	4.32	6.00	56.00	150.00
			1077633	559.96	561.00	1.04	2.25		3.00	91.00	312.00
			1077634	561.00	561.96	0.96	1.47		21.00	695.00	1723.00
			1077635	561.96	563.08	1.12	1.00		15.00	992.00	1234.00
			1077636	563.08	564.08	1.00	0.46		2.00	64.00	79.00
			1077637	564.08	565.08	1.00	0.04		2.00	39.00	131.00
			1077638	565.08	566.12	1.04	0.00		2.00	32.00	70.00
			1077639	566.12	567.12	1.00	0.00		2.00	25.00	71.00
			1077641	567.12	568.12	1.00	0.00		2.00	196.00	106.00
			1077642	568.12	569.12	1.00	0.00		1.00	24.00	71.00
			1077643	569.12	569.90	0.78	0.00		0.50	21.00	65.00
			1077644	569.90	570.93	1.03	0.02		2.00	20.00	163.00
			1077645	570.93	572.00	1.07	0.01		0.50	14.00	56.00
			1077646	570.93	572.00	1.07	0.00		1.00	15.00	51.00
			1077647	572.00	573.00	1.00	0.01		1.00	17.00	39.00
			1077648	573.00	574.00	1.00	0.09		1.00	37.00	66.00
			1077649	574.00	575.00	1.00	0.04		0.50	38.00	108.00
			1077651	575.00	576.00	1.00	0.92		8.00	460.00	1089.00
			1077652	576.00	577.05	1.05	0.26		5.00	335.00	461.00
			1077653	577.05	578.05	1.00	1.37		23.00	2296.00	4461.00
			1077654	578.05	579.39	1.34	0.35		7.00	466.00	920.00

# DETAILED LOG

Hole Number: TL11194A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
			Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
579.39	595.20	BMS, Biotite Muscovite Schist Typical BMS w/ 2 folds and a local increase in ser altn near the end of the interval. 6-7% py.	1077655	579.39	581.01	1.62	0.02		2.00	34.00	71.00
595.20	598.25	MD, Mafic Dyke Moderate to strongly silicified mafic dyke w/ 8-9% py.									
598.25	614.72	BMS, Biotite Muscovite Schist Typical BMS interval. Small local incr in ser altn. 5-6% py and trace asp.									
614.72	625.20	MSS, Muscovite Sericite Schist Very strongly sericitized MSS footwall w/ 8-9% py. Two folds and one fault.									
625.20	697.68	BMS, Biotite Muscovite Schist BMS w/ intervals of strong to very strongly altered BMS intercalated w/ very weakly altered BMS. 4 folds. 10-11%py, 2-3% asp and 1% sph.	1077656	659.63	661.10	1.47	0.25		1.00	57.00	314.00
			1077657	661.10	661.79	0.69	0.21		2.00	74.00	554.00
			1077658	661.79	663.29	1.50	0.13		1.00	63.00	224.00
			1077659	696.17	697.68	1.51	0.01		1.00	33.00	79.00
697.68	709.15	MSS, Muscovite Sericite Schist MSS C-zone which is almost totally unaltered except for the beginning of the interval from 697.68-698.93 m which appears to be sericitized and contains ch-ep altn. The altered section appears to have been brecciated w/ py infilling insome places btwn clasts. One microfault. From 697.68-698.93 m 8-9% py. From 698.93-709.15 m 4-5% asp and 6-7% py. From 709.02-709.15 m 8% sph and 1% gn.	1077661	697.68	698.94	1.26	0.01		1.00	31.00	332.00
			1077662	698.94	699.94	1.00	0.01		2.00	49.00	147.00
			1077663	699.94	700.94	1.00	0.02		2.00	26.00	79.00
			1077664	700.94	701.94	1.00	0.05		2.00	31.00	104.00
			1077665	701.94	702.94	1.00	0.36		5.00	33.00	160.00
			1077666	701.94	702.94	1.00	0.40		2.00	32.00	170.00
			1077667	702.94	703.94	1.00	0.20		2.00	26.00	1001.00
			1077668	703.94	705.06	1.12	0.05		2.00	24.00	101.00
			1077669	705.06	706.06	1.00	0.05		1.00	24.00	104.00
			1077671	706.06	706.94	0.88	0.04		2.00	32.00	107.00
1077672	706.94	707.94	1.00	0.04		1.00	18.00	5081.00			
1077673	707.94	709.15	1.21	0.03		1.00	16.00	115.00			
709.15	726.00	BMS, Biotite Muscovite Schist	1077674	709.15	710.65	1.50	0.02		1.00	28.00	109.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077588	176.87	177.87	0.0180		1.0000	21.0000	257.0000
1077589	177.87	178.87	0.0510		2.0000	23.0000	564.0000
1077591	178.87	179.91	0.0340		0.5000	31.0000	74.0000
1077592	405.36	406.36	0.0420		2.0000	36.0000	2455.0000
1077593	406.36	407.36	0.0100		1.0000	34.0000	89.0000
1077594	407.36	408.07	0.0440		1.0000	49.0000	89.0000
1077595	408.07	409.07	0.0200		2.0000	18.0000	46.0000
1077596	409.07	410.00	0.0210		1.0000	30.0000	136.0000
1077597	410.00	410.98	0.0820		2.0000	27.0000	63.0000
1077598	410.98	411.98	0.0090		1.0000	23.0000	76.0000
1077599	411.98	412.98	0.0110		1.0000	22.0000	87.0000

Hole Number: TL11194A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077601	412.98	414.00	0.0100		1.0000	34.0000	38.0000
1077602	414.00	415.00	0.0100		2.0000	32.0000	57.0000
1077603	415.00	416.12	0.0530		3.0000	67.0000	120.0000
1077604	416.12	417.30	0.0590		3.0000	50.0000	139.0000
1077605	417.30	418.80	0.0140		2.0000	16.0000	59.0000
1077607	537.91	539.41	0.0790		2.0000	38.0000	125.0000
1077608	539.41	540.31	0.1830		2.0000	61.0000	111.0000
1077609	540.31	541.31	0.2980		2.0000	103.0000	298.0000
1077611	541.31	542.51	0.6660		2.0000	250.0000	873.0000
1077612	542.51	543.54	4.9440		9.0000	3167.0000	4920.0000
1077613	543.54	544.74	0.1910		1.0000	87.0000	152.0000
1077614	544.74	545.54	0.0790		1.0000	71.0000	105.0000
1077615	545.54	546.32	0.1700		1.0000	53.0000	78.0000
1077616	546.32	547.32	0.7050		1.0000	27.0000	28.0000
1077617	547.32	548.53	0.4500		2.0000	58.0000	143.0000
1077618	548.53	549.57	0.5740		1.0000	62.0000	79.0000
1077619	549.57	550.57	1.1020		1.0000	71.0000	66.0000
1077621	550.57	551.50	0.5910		2.0000	149.0000	396.0000
1077622	551.50	552.45	14.5390	8.3970	28.0000	4487.0000	20555.0000
1077623	552.45	553.17	0.3760		2.0000	116.0000	341.0000
1077624	553.17	553.89	0.1780		1.0000	28.0000	83.0000
1077625	553.89	554.89	0.0480		1.0000	27.0000	61.0000
1077627	554.89	555.89	0.9710		2.0000	74.0000	127.0000
1077628	555.89	556.93	0.2750		2.0000	40.0000	101.0000
1077629	556.93	557.93	0.4360		2.0000	34.0000	101.0000
1077631	557.93	558.93	0.2680		2.0000	42.0000	104.0000
1077632	558.93	559.96	8.3010	4.3150	6.0000	56.0000	150.0000
1077633	559.96	561.00	2.2530		3.0000	91.0000	312.0000
1077634	561.00	561.96	1.4690		21.0000	695.0000	1723.0000
1077635	561.96	563.08	1.0010		15.0000	992.0000	1234.0000
1077636	563.08	564.08	0.4560		2.0000	64.0000	79.0000
1077637	564.08	565.08	0.0360		2.0000	39.0000	131.0000
1077638	565.08	566.12	0.0005		2.0000	32.0000	70.0000
1077639	566.12	567.12	0.0005		2.0000	25.0000	71.0000
1077641	567.12	568.12	0.0005		2.0000	196.0000	106.0000
1077642	568.12	569.12	0.0005		1.0000	24.0000	71.0000
1077643	569.12	569.90	0.0005		0.5000	21.0000	65.0000
1077644	569.90	570.93	0.0210		2.0000	20.0000	163.0000
1077645	570.93	572.00	0.0060		0.5000	14.0000	56.0000



Hole Number: TL11194A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077647	572.00	573.00	0.0130		1.0000	17.0000	39.0000
1077648	573.00	574.00	0.0860		1.0000	37.0000	66.0000
1077649	574.00	575.00	0.0380		0.5000	38.0000	108.0000
1077651	575.00	576.00	0.9170		8.0000	460.0000	1089.0000
1077652	576.00	577.05	0.2550		5.0000	335.0000	461.0000
1077653	577.05	578.05	1.3730		23.0000	2296.0000	4461.0000
1077654	578.05	579.39	0.3480		7.0000	466.0000	920.0000
1077655	579.39	581.01	0.0180		2.0000	34.0000	71.0000
1077656	659.63	661.10	0.2450		1.0000	57.0000	314.0000
1077657	661.10	661.79	0.2140		2.0000	74.0000	554.0000
1077658	661.79	663.29	0.1330		1.0000	63.0000	224.0000
1077659	696.17	697.68	0.0110		1.0000	33.0000	79.0000
1077661	697.68	698.94	0.0110		1.0000	31.0000	332.0000
1077662	698.94	699.94	0.0140		2.0000	49.0000	147.0000
1077663	699.94	700.94	0.0150		2.0000	26.0000	79.0000
1077664	700.94	701.94	0.0520		2.0000	31.0000	104.0000
1077665	701.94	702.94	0.3600		5.0000	33.0000	160.0000
1077667	702.94	703.94	0.1960		2.0000	26.0000	1001.0000
1077668	703.94	705.06	0.0510		2.0000	24.0000	101.0000
1077669	705.06	706.06	0.0500		1.0000	24.0000	104.0000
1077671	706.06	706.94	0.0370		2.0000	32.0000	107.0000
1077672	706.94	707.94	0.0390		1.0000	18.0000	5081.0000
1077673	707.94	709.15	0.0290		1.0000	16.0000	115.0000
1077674	709.15	710.65	0.0230		1.0000	28.0000	109.0000
Sample Type	CDUP						
1077606	417.30	418.80	0.0190		2.0000	17.0000	59.0000
1077626	553.89	554.89	0.0650		1.0000	20.0000	58.0000
1077646	570.93	572.00	0.0020		1.0000	15.0000	51.0000
1077666	701.94	702.94	0.4000		2.0000	32.0000	170.0000



## DETAILED LOG

Hole Number: TL11195

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
251.74	480.70	BMS, Biotite Muscovite Schist -Typical BMS zone. -10 F2 folds and 2 FTZ. -Varies in alteration, alternating from 10% ser to 50% ser and then increasing in sericite alteration to 30% ser 70% bio. -1% Py increasing to 2% Py DH. -Trace-1% Po. -Trace Pent, Pb & Asp. -Trace-1% Sph.	1076648	479.20	480.70	1.50	2.17		2.00	48.00	82.00
480.70	488.60	MSS, Muscovite Sericite Schist -1st Hanging wall MSS zone DH. -Trace Py. -85% ser 15% bio alteration.	1076649	480.70	481.78	1.08	0.01		1.00	16.00	40.00
			1076651	481.78	482.82	1.04	0.01		1.00	8.00	66.00
			1076652	482.82	483.89	1.07	0.01		0.50	14.00	27.00
			1076653	483.89	484.89	1.00	0.01		1.00	16.00	35.00
			1076654	484.89	485.89	1.00	0.00		0.50	9.00	24.00
			1076655	485.89	486.70	0.81	0.00		0.50	11.00	32.00
			1076656	486.70	487.72	1.02	0.00		0.50	8.00	21.00
			1076657	487.72	488.60	0.88	0.00		0.50	13.00	21.00
488.60	518.61	BMS, Biotite Muscovite Schist BMS zone. -2x F2 folds. -55% ser 45% bio alteration. -1% Py & Asp. -Trace Pb & Sph.	1076658	488.60	490.10	1.50	0.01		0.50	25.00	60.00
			1076659	490.10	491.60	1.50	0.06		1.00	144.00	274.00
			1076661	491.60	493.10	1.50	0.04		1.00	40.00	94.00
			1076662	493.10	494.60	1.50	0.02		1.00	132.00	866.00
			1076663	494.60	496.20	1.60	0.01		1.00	15.00	57.00
			1076664	496.20	497.70	1.50	0.01		0.50	10.00	54.00
			1076665	497.70	499.10	1.40	0.02		2.00	23.00	122.00
			1076666	497.70	499.10	1.40	0.01		3.00	23.00	82.00
			1076667	499.10	500.50	1.40	0.03		3.00	37.00	1280.00
			1076668	500.50	502.10	1.60	0.05		3.00	40.00	56.00
			1076669	502.10	503.67	1.57	0.04		4.00	207.00	340.00
			1076671	503.67	505.17	1.50	0.03		2.00	33.00	51.00
			1076672	505.17	506.67	1.50	0.01		3.00	22.00	41.00
			1076673	506.67	508.17	1.50	0.05		2.00	27.00	88.00
			1076674	508.17	509.50	1.33	0.05		3.00	97.00	221.00
			1076675	509.50	510.50	1.00	0.06		4.00	296.00	555.00
			1076676	510.50	511.53	1.03	0.02		2.00	58.00	56.00
			1076677	511.53	512.90	1.37	0.05		2.00	133.00	86.00
			1076678	512.90	514.41	1.51	0.03		2.00	80.00	123.00
			1076679	514.41	516.00	1.59	0.00		2.00	67.00	86.00
			1076681	516.00	517.25	1.25	0.50		3.00	51.00	184.00
			1076682	517.25	518.61	1.36	1.22		2.00	74.00	126.00

## DETAILED LOG

Hole Number: TL11195

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
518.61	527.48	MSS, Muscovite Sericite Schist Main zone MSS. -2% Py w/ 10% Py locally as semi-massive network. -Trace Pb increasing DH to 2% Pb locally. -1% Sph increasing DH to 5% Sph locally. -Locally 1% CP increasing DH to 2% Locally. -Locally 5% Asp. -55% ser 45% bio alteration. -5x F2 folds.	1076683	518.61	519.93	1.32	0.21		3.00	173.00	256.00
			1076684	519.93	521.04	1.11	0.25		2.00	118.00	338.00
			1076685	521.04	521.92	0.88	1.04		11.00	323.00	1974.00
			1076686	521.04	521.92	0.88	0.99		19.00	873.00	5621.00
			1076687	521.92	522.92	1.00	0.27		2.00	57.00	115.00
			1076688	522.92	523.91	0.99	0.61		7.00	409.00	483.00
			1076689	523.91	524.91	1.00	1.11		6.00	764.00	1617.00
			1076691	524.91	525.77	0.86	0.83		1.00	77.00	199.00
			1076692	525.77	526.74	0.97	0.84		1.00	47.00	86.00
			1076693	526.74	527.48	0.74	0.90		3.00	247.00	352.00
527.48	557.05	BMS, Biotite Muscovite Schist BMS zone. -1x F2 fold. -Alternating alteration from 15% ser to 95% and then 20% ser 80% bio DH. -1% Py, Asp. -10% Asp locally. -Trace Sph & Pb.	1076694	527.48	528.98	1.50	0.03		2.00	33.00	82.00
			1076695	540.13	541.63	1.50	0.02		2.00	29.00	104.00
			1076696	541.63	542.66	1.03	0.88		38.00	360.00	860.00
			1076697	542.66	543.69	1.03	0.25		4.00	151.00	126.00
			1076698	543.69	545.18	1.49	0.03		2.00	44.00	54.00
			1076699	555.55	557.05	1.50	0.02		2.00	18.00	64.00
557.05	563.77	MSS, Muscovite Sericite Schist 1st Footwall MSS zone DH. -Trace Py. -45% ser 55% bio alteration.	1076701	557.05	558.05	1.00	0.01		1.00	20.00	36.00
			1076702	558.05	558.88	0.83	0.01		1.00	15.00	28.00
			1076703	558.88	559.73	0.85	0.00		1.00	14.00	29.00
			1076704	559.73	560.84	1.11	0.01		2.00	13.00	23.00
			1076705	560.84	562.09	1.25	0.00		2.00	18.00	26.00
			1076706	560.84	562.09	1.25	0.00		2.00	17.00	22.00
			1076707	562.09	562.83	0.74	0.01		2.00	22.00	49.00
			1076708	562.83	563.77	0.94	0.01		2.00	22.00	56.00
563.77	568.72	BMS, Biotite Muscovite Schist BMS zone. -30% ser 70% bio alteration. -Trace Asp. -1% Py.	1076709	563.77	565.31	1.54	0.01		2.00	33.00	50.00
			1076711	565.31	566.71	1.40	0.02		2.00	31.00	91.00
			1076712	566.71	567.54	0.83	0.01		2.00	25.00	71.00
			1076713	567.54	568.72	1.18	0.00		1.00	22.00	68.00
568.72	572.38	MSS, Muscovite Sericite Schist 2nd Footwall MSS zone DH. -80% ser 20% bio alteration. -Trace Py.	1076714	568.72	569.45	0.73	0.01		2.00	29.00	76.00
			1076715	569.45	570.43	0.98	0.02		2.00	32.00	82.00
			1076716	570.43	571.41	0.98	0.12		10.00	69.00	249.00
			1076717	571.41	572.38	0.97	0.00		5.00	46.00	67.00
572.38	587.23	BMS, Biotite Muscovite Schist BMS zone. -15% ser 85% bio alteration. -1% Py.	1076718	572.38	573.88	1.50	0.05		6.00	27.00	100.00
			1076719	585.73	587.23	1.50	0.03		2.00	33.00	85.00

# DETAILED LOG

Hole Number: TL11195

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
587.23	602.92	MSS, Muscovite Sericite Schist C ZONE MSS zone. -2x F2 folds. -80% ser 20% bio alteration. -5% Py. -1% Sph & Asp. -Locally 600.15-600.48m Trace CP, Pb, Asp & 30% Py & 10% Sph.	1076721	587.23	588.29	1.06	0.07		2.00	107.00	116.00
			1076722	588.29	588.97	0.68	0.06		3.00	152.00	451.00
			1076723	588.97	589.97	1.00	0.04		2.00	76.00	75.00
			1076724	589.97	591.10	1.13	0.33		3.00	62.00	159.00
			1076725	591.10	592.15	1.05	0.41		3.00	80.00	399.00
			1076726	591.10	592.15	1.05	0.35		2.00	78.00	258.00
			1076727	592.15	593.15	1.00	0.07		2.00	33.00	64.00
			1076728	593.15	594.15	1.00	0.06		2.00	34.00	67.00
			1076729	594.15	595.34	1.19	0.06		1.00	26.00	57.00
			1076731	595.34	596.32	0.98	0.16		2.00	46.00	206.00
			1076732	596.32	597.31	0.99	0.10		2.00	29.00	129.00
			1076733	597.31	598.14	0.83	0.06		2.00	33.00	257.00
			1076734	598.14	599.03	0.89	0.21		3.00	164.00	904.00
			1076735	599.03	600.00	0.97	0.07		2.00	119.00	138.00
			1076736	600.00	600.50	0.50	2.41		6.00	555.00	22755.00
			1076737	600.50	601.50	1.00	0.41		2.00	71.00	757.00
			1076738	601.50	602.31	0.81	0.12		2.00	54.00	147.00
			1076739	602.31	602.92	0.61	0.06		2.00	48.00	150.00
			602.92	615.83	BMS, Biotite Muscovite Schist BMS zone below C zone. -2% PY, Sph & Asp. -15% ser 85% bio alteration.	1076741	602.92	604.29	1.37	0.02	
1076742	604.29	605.92				1.63	0.05		2.00	39.00	340.00
1076743	605.92	607.58				1.66	0.08		2.00	34.00	209.00
1076744	607.58	609.10				1.52	0.09		0.50	38.00	197.00
1076746	609.10	610.60				1.50	0.09		2.00	54.00	141.00
1076745	609.10	610.60				1.50	0.09		2.00	54.00	254.00
1076747	610.60	612.00				1.40	0.04		1.00	27.00	109.00
615.83	636.00	BS, Biotite Schist Black BS zone. -1% Asp. -Trace Py. -Microshears around porphyroblasts. -1x F2 fold.									

**Samples**

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076648	479.20	480.70	2.1710		2.0000	48.0000	82.0000
1076649	480.70	481.78	0.0140		1.0000	16.0000	40.0000
1076651	481.78	482.82	0.0080		1.0000	8.0000	66.0000
1076652	482.82	483.89	0.0050		0.5000	14.0000	27.0000
1076653	483.89	484.89	0.0130		1.0000	16.0000	35.0000
1076654	484.89	485.89	0.0005		0.5000	9.0000	24.0000
1076655	485.89	486.70	0.0020		0.5000	11.0000	32.0000

Hole Number: TL11195

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076656	486.70	487.72	0.0005		0.5000	8.0000	21.0000
1076657	487.72	488.60	0.0005		0.5000	13.0000	21.0000
1076658	488.60	490.10	0.0100		0.5000	25.0000	60.0000
1076659	490.10	491.60	0.0620		1.0000	144.0000	274.0000
1076661	491.60	493.10	0.0350		1.0000	40.0000	94.0000
1076662	493.10	494.60	0.0190		1.0000	132.0000	866.0000
1076663	494.60	496.20	0.0140		1.0000	15.0000	57.0000
1076664	496.20	497.70	0.0110		0.5000	10.0000	54.0000
1076665	497.70	499.10	0.0150		2.0000	23.0000	122.0000
1076667	499.10	500.50	0.0310		3.0000	37.0000	1280.0000
1076668	500.50	502.10	0.0480		3.0000	40.0000	56.0000
1076669	502.10	503.67	0.0390		4.0000	207.0000	340.0000
1076671	503.67	505.17	0.0340		2.0000	33.0000	51.0000
1076672	505.17	506.67	0.0140		3.0000	22.0000	41.0000
1076673	506.67	508.17	0.0480		2.0000	27.0000	88.0000
1076674	508.17	509.50	0.0460		3.0000	97.0000	221.0000
1076675	509.50	510.50	0.0640		4.0000	296.0000	555.0000
1076676	510.50	511.53	0.0150		2.0000	58.0000	56.0000
1076677	511.53	512.90	0.0540		2.0000	133.0000	86.0000
1076678	512.90	514.41	0.0330		2.0000	80.0000	123.0000
1076679	514.41	516.00	0.0040		2.0000	67.0000	86.0000
1076681	516.00	517.25	0.4980		3.0000	51.0000	184.0000
1076682	517.25	518.61	1.2170		2.0000	74.0000	126.0000
1076683	518.61	519.93	0.2120		3.0000	173.0000	256.0000
1076684	519.93	521.04	0.2490		2.0000	118.0000	338.0000
1076685	521.04	521.92	1.0410		11.0000	323.0000	1974.0000
1076687	521.92	522.92	0.2720		2.0000	57.0000	115.0000
1076688	522.92	523.91	0.6060		7.0000	409.0000	483.0000
1076689	523.91	524.91	1.1140		6.0000	764.0000	1617.0000
1076691	524.91	525.77	0.8310		1.0000	77.0000	199.0000
1076692	525.77	526.74	0.8380		1.0000	47.0000	86.0000
1076693	526.74	527.48	0.9010		3.0000	247.0000	352.0000
1076694	527.48	528.98	0.0340		2.0000	33.0000	82.0000
1076695	540.13	541.63	0.0210		2.0000	29.0000	104.0000
1076696	541.63	542.66	0.8790		38.0000	360.0000	860.0000
1076697	542.66	543.69	0.2480		4.0000	151.0000	126.0000
1076698	543.69	545.18	0.0330		2.0000	44.0000	54.0000
1076699	555.55	557.05	0.0220		2.0000	18.0000	64.0000
1076701	557.05	558.05	0.0120		1.0000	20.0000	36.0000

Hole Number: TL11195

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076702	558.05	558.88	0.0080		1.0000	15.0000	28.0000
1076703	558.88	559.73	0.0030		1.0000	14.0000	29.0000
1076704	559.73	560.84	0.0060		2.0000	13.0000	23.0000
1076705	560.84	562.09	0.0020		2.0000	18.0000	26.0000
1076707	562.09	562.83	0.0050		2.0000	22.0000	49.0000
1076708	562.83	563.77	0.0100		2.0000	22.0000	56.0000
1076709	563.77	565.31	0.0100		2.0000	33.0000	50.0000
1076711	565.31	566.71	0.0160		2.0000	31.0000	91.0000
1076712	566.71	567.54	0.0120		2.0000	25.0000	71.0000
1076713	567.54	568.72	0.0030		1.0000	22.0000	68.0000
1076714	568.72	569.45	0.0060		2.0000	29.0000	76.0000
1076715	569.45	570.43	0.0170		2.0000	32.0000	82.0000
1076716	570.43	571.41	0.1170		10.0000	69.0000	249.0000
1076717	571.41	572.38	0.0005		5.0000	46.0000	67.0000
1076718	572.38	573.88	0.0520		6.0000	27.0000	100.0000
1076719	585.73	587.23	0.0290		2.0000	33.0000	85.0000
1076721	587.23	588.29	0.0730		2.0000	107.0000	116.0000
1076722	588.29	588.97	0.0630		3.0000	152.0000	451.0000
1076723	588.97	589.97	0.0440		2.0000	76.0000	75.0000
1076724	589.97	591.10	0.3290		3.0000	62.0000	159.0000
1076725	591.10	592.15	0.4050		3.0000	80.0000	399.0000
1076727	592.15	593.15	0.0670		2.0000	33.0000	64.0000
1076728	593.15	594.15	0.0590		2.0000	34.0000	67.0000
1076729	594.15	595.34	0.0580		1.0000	26.0000	57.0000
1076731	595.34	596.32	0.1580		2.0000	46.0000	206.0000
1076732	596.32	597.31	0.1030		2.0000	29.0000	129.0000
1076733	597.31	598.14	0.0560		2.0000	33.0000	257.0000
1076734	598.14	599.03	0.2060		3.0000	164.0000	904.0000
1076735	599.03	600.00	0.0710		2.0000	119.0000	138.0000
1076736	600.00	600.50	2.4060		6.0000	555.0000	22755.0000
1076737	600.50	601.50	0.4080		2.0000	71.0000	757.0000
1076738	601.50	602.31	0.1210		2.0000	54.0000	147.0000
1076739	602.31	602.92	0.0560		2.0000	48.0000	150.0000
1076741	602.92	604.29	0.0230		2.0000	56.0000	133.0000
1076742	604.29	605.92	0.0520		2.0000	39.0000	340.0000
1076743	605.92	607.58	0.0760		2.0000	34.0000	209.0000
1076744	607.58	609.10	0.0910		0.5000	38.0000	197.0000
1076745	609.10	610.60	0.0930		2.0000	54.0000	254.0000
1076747	610.60	612.00	0.0390		1.0000	27.0000	109.0000

Hole Number: TL11195

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	CDUP						
1076666	497.70	499.10	0.0100		3.0000	23.0000	82.0000
1076686	521.04	521.92	0.9920		19.0000	873.0000	5621.0000
1076706	560.84	562.09	0.0030		2.0000	17.0000	22.0000
1076726	591.10	592.15	0.3500		2.0000	78.0000	258.0000
1076746	609.10	610.60	0.0890		2.0000	54.0000	141.0000





DETAILED LOG

Hole Number: TL11196

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
6.00	260.18	BMS, Biotite Muscovite Schist Typical BMS. -Trace Py, Po & Cp. -Locally 1% Sph, Asp & Po. -Locally 5% Cp. -Qtz-bio & qtz-chl veins w/ bio, chl and sulphides infilling fractures. -25% ser 75% bio alteration decreasing DH to 10% ser 90% bio. Patches of Ep alteration associated with increased fracturing and cataclasis. Moderately silicified -1 strong fold associated w/ veining and 4 weak-moderate folds. -one MAJOR fault zone at 134.36-139.50m and a strong fault zone at 243.90-244.61m. -Cataclastic region 70-72.20m with Py w/i pressure shadows.									
260.18	260.75	MD, Mafic Dyke Mafic Dyke. -Chl alteration replacing biotite. -Coarse grained biotite and amphibole. -Sharp contact with Py conc at margins in qtz. -1% Py overall.									
260.75	282.04	BMS, Biotite Muscovite Schist Typical BMS. -Trace Py and 1& Sph locally in stringers. -25% ser 75% bio to 10% ser 90% bio alteration DH. -One FTZ.									
282.04	287.96	MSS, Muscovite Sericite Schist 1st MSS Hanging-wall DH. -10% ser 90% bio alteration. -Trace Py.									
287.96	295.70	BMS, Biotite Muscovite Schist Typical BMS. -5% ser 95% bio alteration. -Trace Py. -one fold.									
295.70	303.33	MSS, Muscovite Sericite Schist Final hangingwall MSS zone. -15% SER 85% BIO alteration. -1%Py -Locally 1-5% Sph, 5% CP, 1% Pb, 10% Py.	1076748	295.70	296.70	1.00	0.04		1.00	44.00	100.00
			1076749	296.70	297.70	1.00	0.03		2.00	79.00	149.00
			1076751	297.70	298.70	1.00	0.02		1.00	26.00	44.00
			1076752	298.70	299.70	1.00	0.02		2.00	18.00	38.00
			1076753	299.70	300.46	0.76	0.05		2.00	20.00	30.00
			1076754	300.46	301.35	0.89	0.37		2.00	36.00	134.00
			1076755	301.35	302.24	0.89	0.08		2.00	175.00	282.00
			1076756	302.24	303.33	1.09	0.46		6.00	159.00	338.00

## DETAILED LOG

Hole Number: TL11196

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
303.33	332.90	BMS, Biotite Muscovite Schist BMS. -35% ser 65% bio alteration. -1% CP, 3% SPH & PY, 2% PB. -Locally 1% po.	1076757	303.33	304.91	1.58	0.02		1.00	22.00	54.00
			1076758	304.91	306.45	1.54	0.02		1.00	24.00	51.00
			1076759	306.45	307.95	1.50	0.01		2.00	39.00	90.00
			1076761	307.95	309.45	1.50	0.02		2.00	34.00	114.00
			1076762	309.45	310.95	1.50	0.01		1.00	23.00	52.00
			1076763	310.95	312.45	1.50	0.01		3.00	230.00	1114.00
			1076764	312.45	313.95	1.50	0.08		1.00	29.00	57.00
			1076765	313.95	315.45	1.50	0.01		0.50	23.00	44.00
			1076766	313.95	315.45	1.50	0.01		1.00	22.00	47.00
			1076767	315.45	316.95	1.50	0.02		1.00	27.00	35.00
			1076768	316.95	318.45	1.50	0.02		1.00	71.00	79.00
			1076769	318.45	319.95	1.50	0.02		1.00	41.00	43.00
			1076771	319.95	320.91	0.96	1.00		6.00	2248.00	3067.00
			1076772	320.91	322.05	1.14	0.23		2.00	928.00	485.00
			1076773	322.05	323.48	1.43	0.16		2.00	823.00	990.00
			1076774	323.48	325.00	1.52	0.08		1.00	99.00	91.00
			1076775	325.00	325.83	0.83	0.04		2.00	455.00	782.00
			1076776	325.83	327.00	1.17	0.83		5.00	3694.00	1399.00
			1076777	327.00	328.48	1.48	0.21		2.00	353.00	336.00
			1076778	328.48	329.90	1.42	0.26		3.00	524.00	909.00
		1076779	329.90	331.40	1.50	0.25		2.00	188.00	281.00	
		1076781	331.40	332.90	1.50	0.27		3.00	234.00	443.00	

## DETAILED LOG

Hole Number: TL11196

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
332.90	365.02	MSS, Muscovite Sericite Schist Block between 359.05m-359.12m indicating a 60cm loss. Core reamed over. The loss of 60cm of core found between 363-366m. Main MSS zone. -variable 90-35% ser 10-65% bio alteration. -10% PY & Sph, 2% Pb. -Locally 5% Asp, 2-10% Cp, 5-10% Po.	1076782	332.90	334.10	1.20	0.15		2.00	177.00	313.00
			1076783	334.10	334.80	0.70	1.31		3.00	519.00	1235.00
			1076784	334.80	335.50	0.70	2.69		6.00	1040.00	2509.00
			1076786	335.50	336.25	0.75	1.96		2.00	117.00	166.00
			1076785	335.50	336.25	0.75	2.96		2.00	132.00	154.00
			1076787	336.25	337.25	1.00	0.12		6.00	1064.00	2570.00
			1076788	337.25	338.25	1.00	0.50		2.00	382.00	638.00
			1076789	338.25	339.25	1.00	0.75		2.00	247.00	636.00
			1076791	339.25	340.20	0.95	0.30		2.00	86.00	167.00
			1076792	340.20	340.90	0.70	0.52		3.00	1461.00	1763.00
			1076793	340.90	341.60	0.70	1.24		8.00	2773.00	2795.00
			1076794	341.60	342.60	1.00	0.29		2.00	210.00	482.00
			1076795	342.60	343.67	1.07	0.88		5.00	929.00	1138.00
			1076796	343.67	344.67	1.00	0.17		2.00	119.00	156.00
			1076797	344.67	345.67	1.00	0.12		2.00	118.00	167.00
			1076798	345.67	346.67	1.00	0.15		2.00	166.00	235.00
			1076799	346.67	347.67	1.00	0.07		2.00	138.00	279.00
			1076801	347.67	348.67	1.00	0.09		1.00	69.00	89.00
			1076802	348.67	349.67	1.00	0.16		2.00	339.00	258.00
			1076803	349.67	350.41	0.74	1.81		14.00	6996.00	15701.00
			1076804	350.41	351.15	0.74	0.92		16.00	10136.00	17891.00
			1076805	351.15	352.23	1.08	0.40		6.00	2664.00	7503.00
			1076806	351.15	352.23	1.08	3.92		7.00	2697.00	5354.00
			1076807	352.23	353.39	1.16	0.29		3.00	276.00	521.00
			1076808	353.39	354.54	1.15	5.57		3.00	216.00	665.00
			1076809	354.54	355.54	1.00	0.36		1.00	217.00	570.00
			1076811	355.54	356.54	1.00	0.07		1.00	49.00	88.00
			1076812	356.54	357.54	1.00	0.37		2.00	314.00	835.00
			1076813	357.54	358.44	0.90	0.66		15.00	6998.00	9895.00
			1076814	358.44	360.00	1.56	0.33		2.00	580.00	642.00
			1076815	360.00	361.00	1.00	0.70		8.00	2358.00	2443.00
			1076816	361.00	362.00	1.00	0.08		2.00	138.00	222.00
			1076817	362.00	363.00	1.00	0.19		2.00	404.00	686.00
			1076818	363.00	365.02	2.02	0.78		6.00	2857.00	3599.00
365.02	407.79	BMS, Biotite Muscovite Schist BMS. -15% ser 85% bio alteration. -2% PY. -Locally 2-5% Asp & 5-10% Sph.	1076819	365.02	366.00	0.98	0.28		2.00	62.00	125.00
			1076821	366.00	367.50	1.50	0.16		0.50	19.00	44.00
			1076822	406.29	407.79	1.50	0.18		2.00	40.00	62.00

# DETAILED LOG

Hole Number: TL11196

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
407.79	427.58	MSS, Muscovite Sericite Schist C ZONE MSS. -70% ser 30% bio alteration. -Trace Sph, Asp & Pb. -1% Py.	1076823	407.79	408.79	1.00	0.28		2.00	68.00	149.00
			1076824	408.79	409.79	1.00	0.07		1.00	48.00	145.00
			1076825	409.79	410.79	1.00	0.48		4.00	261.00	346.00
			1076826	409.79	410.79	1.00	0.40		3.00	218.00	356.00
			1076827	410.79	411.79	1.00	0.54		1.00	90.00	341.00
			1076828	411.79	412.79	1.00	0.25		1.00	109.00	215.00
			1076829	412.79	413.79	1.00	0.08		1.00	110.00	354.00
			1076831	413.79	414.79	1.00	0.24		1.00	94.00	384.00
			1076832	414.79	415.79	1.00	0.07		1.00	76.00	470.00
			1076833	415.79	416.79	1.00	0.50		1.00	64.00	115.00
			1076834	416.79	417.79	1.00	0.08		1.00	32.00	45.00
			1076835	417.79	418.79	1.00	0.03		0.50	33.00	45.00
			1076836	418.79	419.79	1.00	0.04		0.50	29.00	56.00
			1076837	419.79	420.79	1.00	0.01		1.00	35.00	53.00
			1076838	420.79	421.79	1.00	0.94		1.00	35.00	111.00
			1076839	421.79	422.79	1.00	0.02		0.50	23.00	49.00
			1076841	422.79	423.79	1.00	0.02		1.00	58.00	66.00
			1076842	423.79	424.79	1.00	0.02		0.50	24.00	41.00
1076843	424.79	425.79	1.00	0.10		2.00	44.00	69.00			
1076844	425.79	426.69	0.90	0.24		1.00	62.00	154.00			
1076845	426.69	427.58	0.89	0.23		2.00	104.00	100.00			
1076846	426.69	427.58	0.89	0.30		2.00	181.00	1634.00			
427.58	432.00	BMS, Biotite Muscovite Schist BMS. -15% ser 85% bio alteration. -Trace Py.	1076847	427.58	429.08	1.50	0.01		0.50	49.00	118.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076748	295.70	296.70	0.0400		1.0000	44.0000	100.0000
1076749	296.70	297.70	0.0280		2.0000	79.0000	149.0000
1076751	297.70	298.70	0.0230		1.0000	26.0000	44.0000
1076752	298.70	299.70	0.0240		2.0000	18.0000	38.0000
1076753	299.70	300.46	0.0520		2.0000	20.0000	30.0000
1076754	300.46	301.35	0.3660		2.0000	36.0000	134.0000
1076755	301.35	302.24	0.0760		2.0000	175.0000	282.0000
1076756	302.24	303.33	0.4640		6.0000	159.0000	338.0000
1076757	303.33	304.91	0.0200		1.0000	22.0000	54.0000
1076758	304.91	306.45	0.0230		1.0000	24.0000	51.0000
1076759	306.45	307.95	0.0110		2.0000	39.0000	90.0000
1076761	307.95	309.45	0.0220		2.0000	34.0000	114.0000

Hole Number: TL11196

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076762	309.45	310.95	0.0060		1.0000	23.0000	52.0000
1076763	310.95	312.45	0.0050		3.0000	230.0000	1114.0000
1076764	312.45	313.95	0.0790		1.0000	29.0000	57.0000
1076765	313.95	315.45	0.0090		0.5000	23.0000	44.0000
1076767	315.45	316.95	0.0200		1.0000	27.0000	35.0000
1076768	316.95	318.45	0.0160		1.0000	71.0000	79.0000
1076769	318.45	319.95	0.0220		1.0000	41.0000	43.0000
1076771	319.95	320.91	0.9950		6.0000	2248.0000	3067.0000
1076772	320.91	322.05	0.2270		2.0000	928.0000	485.0000
1076773	322.05	323.48	0.1550		2.0000	823.0000	990.0000
1076774	323.48	325.00	0.0780		1.0000	99.0000	91.0000
1076775	325.00	325.83	0.0420		2.0000	455.0000	782.0000
1076776	325.83	327.00	0.8290		5.0000	3694.0000	1399.0000
1076777	327.00	328.48	0.2140		2.0000	353.0000	336.0000
1076778	328.48	329.90	0.2590		3.0000	524.0000	909.0000
1076779	329.90	331.40	0.2530		2.0000	188.0000	281.0000
1076781	331.40	332.90	0.2740		3.0000	234.0000	443.0000
1076782	332.90	334.10	0.1500		2.0000	177.0000	313.0000
1076783	334.10	334.80	1.3100		3.0000	519.0000	1235.0000
1076784	334.80	335.50	2.6890		6.0000	1040.0000	2509.0000
1076785	335.50	336.25	2.9590		2.0000	132.0000	154.0000
1076787	336.25	337.25	0.1230		6.0000	1064.0000	2570.0000
1076788	337.25	338.25	0.4960		2.0000	382.0000	638.0000
1076789	338.25	339.25	0.7540		2.0000	247.0000	636.0000
1076791	339.25	340.20	0.2950		2.0000	86.0000	167.0000
1076792	340.20	340.90	0.5210		3.0000	1461.0000	1763.0000
1076793	340.90	341.60	1.2360		8.0000	2773.0000	2795.0000
1076794	341.60	342.60	0.2860		2.0000	210.0000	482.0000
1076795	342.60	343.67	0.8800		5.0000	929.0000	1138.0000
1076796	343.67	344.67	0.1690		2.0000	119.0000	156.0000
1076797	344.67	345.67	0.1160		2.0000	118.0000	167.0000
1076798	345.67	346.67	0.1500		2.0000	166.0000	235.0000
1076799	346.67	347.67	0.0740		2.0000	138.0000	279.0000
1076801	347.67	348.67	0.0920		1.0000	69.0000	89.0000
1076802	348.67	349.67	0.1600		2.0000	339.0000	258.0000
1076803	349.67	350.41	1.8100		14.0000	6996.0000	15701.0000
1076804	350.41	351.15	0.9220		16.0000	10136.0000	17891.0000
1076805	351.15	352.23	0.3970		6.0000	2664.0000	7503.0000
1076807	352.23	353.39	0.2890		3.0000	276.0000	521.0000

Hole Number: TL11196

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076808	353.39	354.54	5.5650		3.0000	216.0000	665.0000
1076809	354.54	355.54	0.3640		1.0000	217.0000	570.0000
1076811	355.54	356.54	0.0670		1.0000	49.0000	88.0000
1076812	356.54	357.54	0.3740		2.0000	314.0000	835.0000
1076813	357.54	358.44	0.6550		15.0000	6998.0000	9895.0000
1076814	358.44	360.00	0.3280		2.0000	580.0000	642.0000
1076815	360.00	361.00	0.7030		8.0000	2358.0000	2443.0000
1076816	361.00	362.00	0.0790		2.0000	138.0000	222.0000
1076817	362.00	363.00	0.1910		2.0000	404.0000	686.0000
1076818	363.00	365.02	0.7780		6.0000	2857.0000	3599.0000
1076819	365.02	366.00	0.2840		2.0000	62.0000	125.0000
1076821	366.00	367.50	0.1550		0.5000	19.0000	44.0000
1076822	406.29	407.79	0.1770		2.0000	40.0000	62.0000
1076823	407.79	408.79	0.2830		2.0000	68.0000	149.0000
1076824	408.79	409.79	0.0650		1.0000	48.0000	145.0000
1076825	409.79	410.79	0.4780		4.0000	261.0000	346.0000
1076827	410.79	411.79	0.5370		1.0000	90.0000	341.0000
1076828	411.79	412.79	0.2540		1.0000	109.0000	215.0000
1076829	412.79	413.79	0.0810		1.0000	110.0000	354.0000
1076831	413.79	414.79	0.2400		1.0000	94.0000	384.0000
1076832	414.79	415.79	0.0710		1.0000	76.0000	470.0000
1076833	415.79	416.79	0.4950		1.0000	64.0000	115.0000
1076834	416.79	417.79	0.0830		1.0000	32.0000	45.0000
1076835	417.79	418.79	0.0270		0.5000	33.0000	45.0000
1076836	418.79	419.79	0.0350		0.5000	29.0000	56.0000
1076837	419.79	420.79	0.0060		1.0000	35.0000	53.0000
1076838	420.79	421.79	0.9390		1.0000	35.0000	111.0000
1076839	421.79	422.79	0.0190		0.5000	23.0000	49.0000
1076841	422.79	423.79	0.0240		1.0000	58.0000	66.0000
1076842	423.79	424.79	0.0160		0.5000	24.0000	41.0000
1076843	424.79	425.79	0.1020		2.0000	44.0000	69.0000
1076844	425.79	426.69	0.2370		1.0000	62.0000	154.0000
1076845	426.69	427.58	0.2310		2.0000	104.0000	100.0000
1076847	427.58	429.08	0.0100		0.5000	49.0000	118.0000
Sample Type	CDUP						
1076766	313.95	315.45	0.0050		1.0000	22.0000	47.0000
1076786	335.50	336.25	1.9630		2.0000	117.0000	166.0000
1076806	351.15	352.23	3.9230		7.0000	2697.0000	5354.0000
1076826	409.79	410.79	0.3970		3.0000	218.0000	356.0000

Hole Number: TL11196

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type CDUP							
1076846	426.69	427.58	0.3030		2.0000	181.0000	1634.0000



# DETAILED LOG

Hole Number: TL11197

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -70.00
Project Number: TMI-TL	North: 5511473.77	North:	Collar Az: 350.00
Location: Zealand Township	East: 527245.69	East:	Length: 558.00
	Elev: 394.54	Elev:	Start Depth: 0.00
Date Started: Jul 27, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jul 28, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 558.00

Comments: Main zone from 453.68-485.38. C-zone 529.05-546.46m.  
 Main zone is very strongly ser, with alteration break from 462-480.87m. Trace-1%py, trace gln, 1% sph from 453.68-462m, then trace.  
 C-zone is very strongly ser, with alt break from 533.25-540.46m. Best samples from 532.25-533.25: 1%py, 1% sph, trace gln and 545.46-546.46: 1%py, 1%sph, trace gln/po.  
 RQD intervals 36-39m & 396-399m not included due to block error. Data exceeds limit.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	350.00	-70.00	EZ Sho	OK		18.00	350.80	-69.60	EZ Sho	OK	
60.00	350.80	-67.00	EZ Sho	OK		111.00	353.60	-62.70	EZ Sho	OK	
156.00	355.70	-60.70	EZ Sho	OK		210.00	357.20	-58.80	EZ Sho	OK	
261.00	358.90	-58.10	EZ Sho	OK		309.00	358.90	-55.90	EZ Sho	OK	
357.00	0.80	-55.40	EZ Sho	OK		411.00	2.90	-55.00	EZ Sho	OK	
459.00	4.20	-53.60	EZ Sho	OK		507.00	5.20	-52.00	EZ Sho	OK	
558.00	6.30	-50.80	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	6.00	OB, Overburden									
6.00	193.50	MSED, Metasediment Wkly fol MSED with local epi and potassic alt towards end of interval.									
193.50	352.70	BMS, Biotite Muscovite Schist Very wkly ser (epi/k-spar to 273.6m) altered BMS, with trace py and local sph (199.5-200m).	1078001	349.70	351.20	1.50	0.04		2.00	66.00	138.00
			1078002	351.20	352.70	1.50	0.04		1.00	85.00	252.00
352.70	357.83	MSS, Muscovite Sericite Schist Very strongly ser-sil MSS with trace py. 1%sph and trace gln from 357.55-357.83m	1078003	352.70	353.90	1.20	0.02		1.00	55.00	82.00
			1078004	353.90	354.90	1.00	0.02		1.00	44.00	42.00
			1078006	354.90	355.90	1.00	0.02		1.00	43.00	65.00
			1078005	354.90	355.90	1.00	0.03		1.00	46.00	63.00
			1078007	355.90	356.90	1.00	0.03		1.00	48.00	48.00
			1078008	356.90	357.83	0.93	0.15		5.00	2690.00	6172.00
357.83	453.68	BMS, Biotite Muscovite Schist Very wkly ser BMS with trace-1% py and local sph/po.	1078009	357.83	359.33	1.50	0.05		1.00	98.00	186.00
			1078011	359.33	360.83	1.50	0.07		2.00	101.00	211.00
			1078012	450.68	452.18	1.50	0.48		2.00	532.00	2105.00
			1078013	452.18	453.68	1.50	0.24		2.00	372.00	302.00

## DETAILED LOG

Hole Number: TL11197

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
453.68	485.38	MSS, Muscovite Sericite Schist Very strongly ser MSS main zone, with alteration break from 462-480.87m. Trace-1%py, trace gln, 1% sph from 453.68-462m, then trace.	1078014	453.68	454.68	1.00	0.78		4.00	1766.00	3053.00
			1078015	454.68	455.68	1.00	0.09		1.00	162.00	416.00
			1078016	455.68	456.68	1.00	0.21		2.00	316.00	387.00
			1078017	456.68	458.00	1.32	0.05		1.00	92.00	108.00
			1078018	458.00	459.00	1.00	0.20		3.00	631.00	3971.00
			1078019	459.00	460.00	1.00	0.18		1.00	294.00	191.00
			1078021	460.00	461.00	1.00	0.75		3.00	670.00	1072.00
			1078022	461.00	462.00	1.00	0.24		3.00	875.00	1572.00
			1078023	462.00	463.00	1.00	0.10		2.00	154.00	283.00
			1078024	463.00	464.00	1.00	0.54		4.00	192.00	322.00
			1078025	464.00	465.00	1.00	0.11		2.00	163.00	377.00
			1078026	464.00	465.00	1.00	0.14		3.00	681.00	1041.00
			1078027	465.00	466.00	1.00	0.58		4.00	562.00	943.00
			1078028	466.00	467.00	1.00	0.25		3.00	703.00	1008.00
			1078029	467.00	468.00	1.00	0.07		1.00	24.00	51.00
			1078031	468.00	469.00	1.00	0.06		2.00	121.00	88.00
			1078032	469.00	470.00	1.00	0.19		1.00	23.00	55.00
			1078033	470.00	471.00	1.00	0.10		1.00	24.00	52.00
			1078034	471.00	472.00	1.00	0.10		2.00	41.00	115.00
			1078035	472.00	473.00	1.00	0.31		2.00	31.00	84.00
			1078036	473.00	474.00	1.00	0.20		2.00	43.00	89.00
			1078037	474.00	475.00	1.00	2.35		3.00	148.00	157.00
			1078038	475.00	476.00	1.00	0.20		2.00	74.00	101.00
			1078039	476.00	477.00	1.00	0.41		2.00	75.00	90.00
			1078041	477.00	478.00	1.00	0.16		2.00	71.00	132.00
			1078042	478.00	479.00	1.00	0.05		2.00	81.00	142.00
			1078043	479.00	480.00	1.00	0.02		0.50	39.00	82.00
			1078044	480.00	481.00	1.00	0.04		2.00	176.00	820.00
			1078045	481.00	482.00	1.00	0.02		1.00	57.00	322.00
			1078046	481.00	482.00	1.00	0.02		1.00	50.00	201.00
			1078047	482.00	483.00	1.00	0.05		1.00	27.00	72.00
			1078048	483.00	484.30	1.30	0.07		1.00	45.00	124.00
			1078049	484.30	485.38	1.08	0.09		2.00	212.00	394.00
485.38	529.05	BMS, Biotite Muscovite Schist V.wkly ser BMS with trace py and po.	1078051	485.38	486.88	1.50	0.12		0.50	32.00	64.00
			1078052	486.88	488.38	1.50	0.04		0.50	47.00	84.00
			1078053	526.05	527.55	1.50	0.07		2.00	87.00	128.00
			1078054	527.55	529.05	1.50	0.09		1.00	38.00	57.00

# DETAILED LOG

Hole Number: TL11197

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
529.05	546.46	MSS, Muscovite Sericite Schist Very strongly ser MSS C-zone, with alt break from 533.25-540.46m. Best samples from 532.25-533.25: 1%py, 1% sph, trace gln and 545.46-546.46: 1%py, 1%sph, trace gln/po.	1078055	529.05	530.05	1.00	0.11		2.00	86.00	215.00
			1078056	530.05	531.25	1.20	0.05		1.00	41.00	58.00
			1078057	531.25	532.25	1.00	0.63		6.00	160.00	475.00
			1078058	532.25	533.25	1.00	1.46		12.00	350.00	2439.00
			1078059	533.25	534.25	1.00	0.05		2.00	54.00	153.00
			1078061	534.25	535.35	1.10	0.01		1.00	27.00	46.00
			1078062	535.35	536.35	1.00	0.03		1.00	17.00	47.00
			1078063	536.35	537.35	1.00	0.01		0.50	14.00	43.00
			1078064	537.35	538.35	1.00	0.12		1.00	14.00	40.00
			1078065	538.35	539.46	1.11	0.22		1.00	20.00	46.00
			1078066	538.35	539.46	1.11	0.34		1.00	21.00	48.00
			1078067	539.46	540.46	1.00	0.06		1.00	25.00	68.00
			1078068	540.46	541.46	1.00	0.54		2.00	19.00	51.00
			1078069	541.46	542.46	1.00	0.02		1.00	25.00	65.00
			1078071	542.46	543.46	1.00	0.11		1.00	29.00	65.00
			1078072	543.46	544.46	1.00	0.38		3.00	144.00	407.00
1078073	544.46	545.46	1.00	0.14		1.00	58.00	175.00			
1078074	545.46	546.46	1.00	0.85		2.00	323.00	1495.00			
546.46	558.00	BMS, Biotite Muscovite Schist V.wkly ser footwall BMS with trace py.	1078075	546.46	547.96	1.50	0.02		0.50	25.00	71.00
			1078076	547.96	549.46	1.50	0.08		1.00	36.00	216.00
			1078077	549.46	550.96	1.50	0.03		2.00	23.00	43.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078001	349.70	351.20	0.0350		2.0000	66.0000	138.0000
1078002	351.20	352.70	0.0360		1.0000	85.0000	252.0000
1078003	352.70	353.90	0.0180		1.0000	55.0000	82.0000
1078004	353.90	354.90	0.0180		1.0000	44.0000	42.0000
1078005	354.90	355.90	0.0250		1.0000	46.0000	63.0000
1078007	355.90	356.90	0.0250		1.0000	48.0000	48.0000
1078008	356.90	357.83	0.1500		5.0000	2690.0000	6172.0000
1078009	357.83	359.33	0.0540		1.0000	98.0000	186.0000
1078011	359.33	360.83	0.0690		2.0000	101.0000	211.0000
1078012	450.68	452.18	0.4750		2.0000	532.0000	2105.0000
1078013	452.18	453.68	0.2390		2.0000	372.0000	302.0000
1078014	453.68	454.68	0.7780		4.0000	1766.0000	3053.0000
1078015	454.68	455.68	0.0870		1.0000	162.0000	416.0000
1078016	455.68	456.68	0.2100		2.0000	316.0000	387.0000
1078017	456.68	458.00	0.0510		1.0000	92.0000	108.0000
1078018	458.00	459.00	0.2000		3.0000	631.0000	3971.0000

Hole Number: TL11197

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078019	459.00	460.00	0.1770		1.0000	294.0000	191.0000
1078021	460.00	461.00	0.7510		3.0000	670.0000	1072.0000
1078022	461.00	462.00	0.2430		3.0000	875.0000	1572.0000
1078023	462.00	463.00	0.1020		2.0000	154.0000	283.0000
1078024	463.00	464.00	0.5380		4.0000	192.0000	322.0000
1078025	464.00	465.00	0.1100		2.0000	163.0000	377.0000
1078027	465.00	466.00	0.5770		4.0000	562.0000	943.0000
1078028	466.00	467.00	0.2490		3.0000	703.0000	1008.0000
1078029	467.00	468.00	0.0650		1.0000	24.0000	51.0000
1078031	468.00	469.00	0.0620		2.0000	121.0000	88.0000
1078032	469.00	470.00	0.1930		1.0000	23.0000	55.0000
1078033	470.00	471.00	0.1040		1.0000	24.0000	52.0000
1078034	471.00	472.00	0.0970		2.0000	41.0000	115.0000
1078035	472.00	473.00	0.3140		2.0000	31.0000	84.0000
1078036	473.00	474.00	0.1980		2.0000	43.0000	89.0000
1078037	474.00	475.00	2.3500		3.0000	148.0000	157.0000
1078038	475.00	476.00	0.1990		2.0000	74.0000	101.0000
1078039	476.00	477.00	0.4140		2.0000	75.0000	90.0000
1078041	477.00	478.00	0.1570		2.0000	71.0000	132.0000
1078042	478.00	479.00	0.0520		2.0000	81.0000	142.0000
1078043	479.00	480.00	0.0200		0.5000	39.0000	82.0000
1078044	480.00	481.00	0.0350		2.0000	176.0000	820.0000
1078045	481.00	482.00	0.0200		1.0000	57.0000	322.0000
1078047	482.00	483.00	0.0460		1.0000	27.0000	72.0000
1078048	483.00	484.30	0.0680		1.0000	45.0000	124.0000
1078049	484.30	485.38	0.0930		2.0000	212.0000	394.0000
1078051	485.38	486.88	0.1220		0.5000	32.0000	64.0000
1078052	486.88	488.38	0.0440		0.5000	47.0000	84.0000
1078053	526.05	527.55	0.0700		2.0000	87.0000	128.0000
1078054	527.55	529.05	0.0870		1.0000	38.0000	57.0000
1078055	529.05	530.05	0.1130		2.0000	86.0000	215.0000
1078056	530.05	531.25	0.0460		1.0000	41.0000	58.0000
1078057	531.25	532.25	0.6280		6.0000	160.0000	475.0000
1078058	532.25	533.25	1.4620		12.0000	350.0000	2439.0000
1078059	533.25	534.25	0.0450		2.0000	54.0000	153.0000
1078061	534.25	535.35	0.0080		1.0000	27.0000	46.0000
1078062	535.35	536.35	0.0260		1.0000	17.0000	47.0000
1078063	536.35	537.35	0.0120		0.5000	14.0000	43.0000
1078064	537.35	538.35	0.1220		1.0000	14.0000	40.0000

Hole Number: TL11197

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078065	538.35	539.46	0.2220		1.0000	20.0000	46.0000
1078067	539.46	540.46	0.0630		1.0000	25.0000	68.0000
1078068	540.46	541.46	0.5370		2.0000	19.0000	51.0000
1078069	541.46	542.46	0.0200		1.0000	25.0000	65.0000
1078071	542.46	543.46	0.1140		1.0000	29.0000	65.0000
1078072	543.46	544.46	0.3750		3.0000	144.0000	407.0000
1078073	544.46	545.46	0.1350		1.0000	58.0000	175.0000
1078074	545.46	546.46	0.8450		2.0000	323.0000	1495.0000
1078075	546.46	547.96	0.0210		0.5000	25.0000	71.0000
1078076	547.96	549.46	0.0750		1.0000	36.0000	216.0000
1078077	549.46	550.96	0.0300		2.0000	23.0000	43.0000
Sample Type	CDUP						
1078006	354.90	355.90	0.0150		1.0000	43.0000	65.0000
1078026	464.00	465.00	0.1440		3.0000	681.0000	1041.0000
1078046	481.00	482.00	0.0200		1.0000	50.0000	201.0000
1078066	538.35	539.46	0.3430		1.0000	21.0000	48.0000



## DETAILED LOG

Hole Number: TL11198

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
428.51	462.00	BMS, Biotite Muscovite Schist Moderately sericitized BMS interval. From 428.51-462.00 m 8-9% py and 1% sph. From 435.09-435.15 m 40% py and 6% galena.	1077676	433.87	434.87	1.00	0.02		0.50	19.00	71.00
			1077677	434.87	435.37	0.50	0.46		33.00	6327.00	2737.00
			1077678	435.37	436.37	1.00	0.02		0.50	126.00	128.00
			1077679	459.00	460.48	1.48	0.07		0.50	50.00	144.00
			1077681	460.48	462.00	1.52	0.06		0.50	54.00	665.00
462.00	469.77	MSS, Muscovite Sericite Schist Very strongly sericitized and moderately silicified MSS main zone. VG bleb at 469.33 m, picture included. 11-12% py, 2-3% galena and asp, and 1-2% sph and cp.	1077682	462.00	463.20	1.20	0.04		0.50	60.00	78.00
			1077683	463.20	464.36	1.16	0.21		0.50	180.00	269.00
			1077684	464.36	465.36	1.00	7.05	4.87	72.00	4457.00	3219.00
			1077686	465.36	466.36	1.00	0.05		0.50	120.00	640.00
			1077685	465.36	466.36	1.00	0.05		0.50	168.00	160.00
			1077687	466.36	467.55	1.19	0.12		0.50	28.00	95.00
			1077688	467.55	468.20	0.65	1.04		0.50	322.00	875.00
			1077689	468.20	469.07	0.87	0.24		0.50	49.00	91.00
469.77	487.35	BMS, Biotite Muscovite Schist Weakly sericitized BMS interval w/ 9-10% diss py.	1077692	469.77	470.78	1.01	0.47		0.50	46.00	124.00
			1077693	470.78	471.92	1.14	0.44		0.50	23.00	90.00
487.35	490.88	MSS, Muscovite Sericite Schist Very strongly sericitized MSS footwall w/ 10% py, 2% galena, and 1% sph.									
490.88	511.23	BMS, Biotite Muscovite Schist Weakly sericitized and moderately silicified BMS interval w/ 8-9% py and 2-3% asp.	1077694	508.73	510.23	1.50	0.01		0.50	15.00	64.00
			1077695	510.23	511.23	1.00	0.03		0.50	33.00	84.00
511.23	520.40	MSS, Muscovite Sericite Schist Strongly sericitized MSS footwall w/ 10% py and 3-4% asp.	1077696	511.23	512.34	1.11	0.07		0.50	33.00	102.00
			1077697	512.34	513.34	1.00	0.04		0.50	29.00	92.00
			1077698	513.34	514.34	1.00	0.03		0.50	23.00	57.00
			1077699	514.34	515.30	0.96	0.02		0.50	20.00	100.00
			1077701	515.30	516.22	0.92	0.01		0.50	13.00	72.00
			1077702	516.22	517.22	1.00	0.01		0.50	14.00	54.00
			1077703	517.22	518.40	1.18	0.01		0.50	15.00	60.00
			1077704	518.40	519.40	1.00	0.07		0.50	71.00	89.00
			1077705	519.40	520.40	1.00	0.04		0.50	50.00	129.00
520.40	539.20	BMS, Biotite Muscovite Schist BMS interval w/ alternating sections of weak and very weak sericitization. 9-10% py, 1-2% asp and trace sph.	1077706	519.40	520.40	1.00	0.07		0.50	59.00	150.00
			1077707	520.40	521.89	1.49	0.01		0.50	14.00	57.00
			1077708	531.00	531.95	0.95	0.09		0.50	18.00	102.00
			1077709	531.95	532.81	0.86	0.17		0.50	9.00	101.00
			1077711	532.81	534.23	1.42	0.02		0.50	11.00	66.00
			1077712	534.23	535.73	1.50	0.04		0.50	36.00	156.00
			1077713	535.73	537.27	1.54	0.06		0.50	40.00	111.00
			1077714	537.27	537.87	0.60	1.05		0.50	221.00	304.00
1077715	537.87	539.20	1.33	0.11		0.50	45.00	114.00			

# DETAILED LOG

Hole Number: TL11198

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
539.20	550.69	MSS, Muscovite Sericite Schist Strongly sericitized MSS C-zone? w/ 10% py and 1% sph and asp.	1077716	539.20	540.22	1.02	0.22		0.50	50.00	178.00
			1077717	540.22	541.01	0.79	0.35		0.50	66.00	220.00
			1077718	541.01	541.77	0.76	0.47		0.50	55.00	1075.00
			1077719	541.77	542.73	0.96	0.33		0.50	28.00	70.00
			1077721	542.73	543.73	1.00	0.05		0.50	47.00	136.00
			1077722	543.73	544.77	1.04	0.17		0.50	17.00	212.00
			1077723	544.77	545.46	0.69	0.03		0.50	19.00	57.00
			1077724	545.46	546.38	0.92	0.12		0.50	11.00	52.00
			1077725	546.38	546.88	0.50	0.10		0.50	26.00	57.00
			1077726	546.38	546.88	0.50	0.11		0.50	21.00	59.00
			1077727	546.88	547.88	1.00	0.16		0.50	19.00	199.00
			1077728	547.88	548.80	0.92	0.07		0.50	21.00	69.00
			1077729	548.80	549.80	1.00	0.05		0.50	22.00	186.00
1077731	549.80	550.69	0.89	0.41		0.50	154.00	1541.00			
550.69	561.00	BMS, Biotite Muscovite Schist Very weakly sericitized BMS interval w/ 8-9% py, 3-4% asp and trace sph and galena.	1077732	550.69	552.21	1.52	0.11		0.50	34.00	112.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077675	155.96	156.47	0.0120		0.5000	52.0000	292.0000
1077676	433.87	434.87	0.0200		0.5000	19.0000	71.0000
1077677	434.87	435.37	0.4550		33.0000	6327.0000	2737.0000
1077678	435.37	436.37	0.0200		0.5000	126.0000	128.0000
1077679	459.00	460.48	0.0680		0.5000	50.0000	144.0000
1077681	460.48	462.00	0.0610		0.5000	54.0000	665.0000
1077682	462.00	463.20	0.0430		0.5000	60.0000	78.0000
1077683	463.20	464.36	0.2120		0.5000	180.0000	269.0000
1077684	464.36	465.36	7.0460	4.8700	72.0000	4457.0000	3219.0000
1077685	465.36	466.36	0.0530		0.5000	168.0000	160.0000
1077687	466.36	467.55	0.1220		0.5000	28.0000	95.0000
1077688	467.55	468.20	1.0350		0.5000	322.0000	875.0000
1077689	468.20	469.07	0.2430		0.5000	49.0000	91.0000
1077691	469.07	469.77	2.9630		3.0000	448.0000	903.0000
1077692	469.77	470.78	0.4650		0.5000	46.0000	124.0000
1077693	470.78	471.92	0.4410		0.5000	23.0000	90.0000
1077694	508.73	510.23	0.0100		0.5000	15.0000	64.0000
1077695	510.23	511.23	0.0280		0.5000	33.0000	84.0000
1077696	511.23	512.34	0.0730		0.5000	33.0000	102.0000
1077697	512.34	513.34	0.0440		0.5000	29.0000	92.0000



Hole Number: TL11198

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077698	513.34	514.34	0.0270		0.5000	23.0000	57.0000
1077699	514.34	515.30	0.0160		0.5000	20.0000	100.0000
1077701	515.30	516.22	0.0090		0.5000	13.0000	72.0000
1077702	516.22	517.22	0.0100		0.5000	14.0000	54.0000
1077703	517.22	518.40	0.0100		0.5000	15.0000	60.0000
1077704	518.40	519.40	0.0680		0.5000	71.0000	89.0000
1077705	519.40	520.40	0.0430		0.5000	50.0000	129.0000
1077707	520.40	521.89	0.0100		0.5000	14.0000	57.0000
1077708	531.00	531.95	0.0890		0.5000	18.0000	102.0000
1077709	531.95	532.81	0.1660		0.5000	9.0000	101.0000
1077711	532.81	534.23	0.0180		0.5000	11.0000	66.0000
1077712	534.23	535.73	0.0430		0.5000	36.0000	156.0000
1077713	535.73	537.27	0.0570		0.5000	40.0000	111.0000
1077714	537.27	537.87	1.0530		0.5000	221.0000	304.0000
1077715	537.87	539.20	0.1140		0.5000	45.0000	114.0000
1077716	539.20	540.22	0.2190		0.5000	50.0000	178.0000
1077717	540.22	541.01	0.3450		0.5000	66.0000	220.0000
1077718	541.01	541.77	0.4710		0.5000	55.0000	1075.0000
1077719	541.77	542.73	0.3260		0.5000	28.0000	70.0000
1077721	542.73	543.73	0.0540		0.5000	47.0000	136.0000
1077722	543.73	544.77	0.1720		0.5000	17.0000	212.0000
1077723	544.77	545.46	0.0340		0.5000	19.0000	57.0000
1077724	545.46	546.38	0.1220		0.5000	11.0000	52.0000
1077725	546.38	546.88	0.0970		0.5000	26.0000	57.0000
1077727	546.88	547.88	0.1610		0.5000	19.0000	199.0000
1077728	547.88	548.80	0.0660		0.5000	21.0000	69.0000
1077729	548.80	549.80	0.0530		0.5000	22.0000	186.0000
1077731	549.80	550.69	0.4130		0.5000	154.0000	1541.0000
1077732	550.69	552.21	0.1080		0.5000	34.0000	112.0000
Sample Type	CDUP						
1077686	465.36	466.36	0.0510		0.5000	120.0000	640.0000
1077706	519.40	520.40	0.0650		0.5000	59.0000	150.0000
1077726	546.38	546.88	0.1060		0.5000	21.0000	59.0000



## DETAILED LOG

Hole Number: TL11199

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
448.00	456.25	BMS, Biotite Muscovite Schist V.wkly ser BMS with tr-1% py.									
456.25	468.26	MSS, Muscovite Sericite Schist Very strongly ser / mod sil hangingwall MSS, with local fuc. Tr-1% py.									
468.26	497.47	BMS, Biotite Muscovite Schist Mod ser hangingwall BMS with trace py and sph.	1078088	492.97	494.47	1.50	0.36		0.50	254.00	302.00
			1078089	494.47	495.97	1.50	0.21		0.50	179.00	545.00
			1078091	495.97	497.47	1.50	0.07		0.50	145.00	138.00
497.47	525.00	MSS, Muscovite Sericite Schist MSS main zone with patches of v. strong ser/sil. 1-2% py, trace sph/gln/po. 512.5-516.5: 1-2%py, trace gln and sph. Main zone cut by mafic dyke.	1078092	497.47	498.50	1.03	0.05		0.50	80.00	215.00
			1078093	498.50	499.50	1.00	0.05		0.50	28.00	45.00
			1078094	499.50	500.50	1.00	0.02		0.50	25.00	58.00
			1078095	500.50	501.50	1.00	0.02		0.50	26.00	48.00
			1078096	501.50	502.50	1.00	0.01		0.50	19.00	36.00
			1078097	502.50	503.50	1.00	0.02		0.50	70.00	84.00
			1078098	503.50	504.50	1.00	0.20		0.50	142.00	224.00
			1078099	504.50	505.50	1.00	0.19		0.50	188.00	111.00
			1078101	505.50	506.50	1.00	0.26		0.50	204.00	674.00
			1078102	506.50	507.50	1.00	0.40		0.50	136.00	676.00
			1078103	507.50	508.50	1.00	0.55		6.00	127.00	254.00
			1078104	508.50	509.50	1.00	0.29		0.50	59.00	134.00
			1078106	509.50	510.50	1.00	0.18		0.50	17.00	83.00
			1078105	509.50	510.50	1.00	0.16		0.50	19.00	82.00
			1078107	510.50	511.50	1.00	0.16		0.50	13.00	83.00
			1078108	511.50	512.50	1.00	0.22		0.50	19.00	76.00
			1078109	512.50	513.50	1.00	0.26		0.50	72.00	91.00
			1078111	513.50	514.50	1.00	2.39		14.00	1578.00	592.00
			1078112	514.50	515.50	1.00	1.05		0.50	392.00	968.00
			1078113	515.50	516.50	1.00	1.58		0.50	340.00	311.00
			1078114	516.50	517.50	1.00	0.21		0.50	155.00	121.00
			1078115	517.50	518.50	1.00	0.28		0.50	92.00	91.00
			1078116	518.50	519.50	1.00	0.06		0.50	87.00	101.00
			1078117	519.50	521.00	1.50	0.35		0.50	122.00	188.00
			1078118	521.00	522.00	1.00	0.13		0.50	149.00	302.00
			1078119	522.00	523.00	1.00	0.81		1.00	527.00	478.00
			1078121	523.00	524.00	1.00	0.39		0.50	598.00	278.00
			1078122	524.00	525.00	1.00	1.07		0.50	185.00	229.00
525.00	528.00	MD, Mafic Dyke Dark green mafic dyke with v.str sil chilled margins, 1% py.	1078123	525.00	526.00	1.00	0.04		0.50	36.00	85.00
			1078124	526.00	527.00	1.00	0.01		0.50	38.00	99.00
			1078125	527.00	528.00	1.00	0.04		0.50	50.00	142.00
			1078126	527.00	528.00	1.00	0.04		0.50	44.00	152.00

## DETAILED LOG

Hole Number: TL11199

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
528.00	539.40	MSS, Muscovite Sericite Schist Continuation of MSS Main zone. Mod ser. Trace-1% py and trace gln/po to 529.95m. Best samples from 529.95-531.4m: 8 VG blebs, 15%py, 9%sph,5%gln and 1%po. Followed by 1-2% py with trace sph.	1078127	528.00	528.90	0.90	0.84		0.50	81.00	101.00
			1078128	528.90	529.80	0.90	10.02		4.00	764.00	883.00
			1078129	529.80	530.40	0.60	68.20		87.00	16445.00	35183.00
			1078131	530.40	531.40	1.00	25.76		97.00	11935.00	30942.00
			1078132	531.40	532.40	1.00	1.23		0.50	271.00	645.00
			1078133	532.40	533.40	1.00	0.32		0.50	56.00	162.00
			1078134	533.40	534.40	1.00	0.72		0.50	67.00	279.00
			1078135	534.40	535.40	1.00	0.20		0.50	35.00	68.00
			1078136	535.40	536.40	1.00	0.08		0.50	21.00	160.00
			1078137	536.40	537.40	1.00	0.04		0.50	19.00	57.00
			1078138	537.40	538.40	1.00	0.03		0.50	34.00	67.00
			1078139	538.40	539.40	1.00	0.08		0.50	60.00	195.00
539.40	549.65	BMS, Biotite Muscovite Schist V. wkly ser BMS with 1-2% diss py	1078141	539.40	540.90	1.50	0.05		0.50	29.00	90.00
			1078142	540.90	542.40	1.50	0.05		2.00	33.00	137.00
			1078143	542.40	543.90	1.50	0.05		5.00	30.00	100.00
			1078144	543.90	545.40	1.50	0.28		14.00	64.00	270.00
			1078145	545.40	546.90	1.50	0.25		13.00	65.00	176.00
			1078146	545.40	546.90	1.50	0.14		10.00	67.00	153.00
			1078147	546.90	548.40	1.50	0.01		0.50	20.00	62.00
			1078148	548.40	549.65	1.25	0.01		0.50	15.00	66.00
549.65	555.43	MSS, Muscovite Sericite Schist Very strongly ser footwall MSS zone, with trace-1% py. 40% py from 553.5-553.75m.	1078149	549.65	550.65	1.00	0.00		0.50	14.00	45.00
			1078151	550.65	551.65	1.00	0.00		0.50	113.00	108.00
			1078152	551.65	552.65	1.00	0.00		0.50	17.00	56.00
			1078153	552.65	553.40	0.75	0.01		0.50	15.00	72.00
			1078154	553.40	553.90	0.50	0.02		0.50	22.00	258.00
			1078155	553.90	554.60	0.70	0.01		0.50	15.00	40.00
			1078156	554.60	555.43	0.83	0.00		0.50	10.00	53.00

## DETAILED LOG

Hole Number: TL11199

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
555.43	641.60	BMS, Biotite Muscovite Schist	1078157	555.43	556.93	1.50	0.01		0.50	10.00	84.0
		Mod ser BMS. Trace-1% py to 594.5m. Then 1-2% py and trace po/sph/gln	1078158	556.93	558.43	1.50	0.01		0.50	10.00	89.0
			1078159	558.43	559.93	1.50	0.02		0.50	14.00	87.0
			1078161	616.50	618.00	1.50	0.06		0.50	54.00	157.0
			1078162	618.00	619.50	1.50	0.01		0.50	29.00	63.0
			1078163	619.50	621.00	1.50	0.03		0.50	79.00	73.0
			1078164	621.00	622.00	1.00	0.03		0.50	23.00	83.0
			1078165	622.00	623.00	1.00	0.03		0.50	45.00	73.0
			1078166	622.00	623.00	1.00	0.02		0.50	35.00	65.0
			1078167	623.00	624.00	1.00	0.17		0.50	133.00	210.0
			1078168	624.00	625.45	1.45	0.03		0.50	66.00	101.0
			1078169	625.45	626.45	1.00	0.03		0.50	44.00	99.0
			1078171	626.45	627.45	1.00	0.01		0.50	64.00	56.0
			1078172	627.45	628.95	1.50	0.01		0.50	39.00	49.0
			1078173	628.95	630.45	1.50	0.01		0.50	28.00	85.0
			1078174	630.45	631.45	1.00	0.01		0.50	22.00	56.0
			1078175	631.45	632.45	1.00	0.06		0.50	50.00	195.0
			1078176	632.45	633.45	1.00	0.04		0.50	31.00	95.0
			1078177	633.45	634.45	1.00	0.02		0.50	31.00	38.0
			1078178	634.45	635.45	1.00	0.04		0.50	20.00	46.0
			1078179	635.45	636.35	0.90	0.06		0.50	20.00	80.0
			1078181	636.35	637.35	1.00	0.06		0.50	19.00	22.0
			1078182	637.35	638.25	0.90	0.02		0.50	23.00	47.0
			1078183	638.25	639.10	0.85	0.06		0.50	16.00	21.0
			1078184	639.10	640.10	1.00	0.03		0.50	18.00	43.0
			1078185	640.10	641.60	1.50	0.02		0.50	21.00	68.0
			1078186	640.10	641.60	1.50	0.02		0.50	19.00	63.0

# DETAILED LOG

Hole Number: TL11199

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
641.60	669.15	MSS, Muscovite Sericite Schist V. strongly ser + mod sil MSS C-zone. 1-2% py, trace sph and po. Best samples from 656.25-659: 2% py, 2% sph, trace-1% po.	1078187	641.60	642.60	1.00	0.02		0.50	13.00	31.00
			1078188	642.60	643.60	1.00	0.02		0.50	15.00	51.00
			1078189	643.60	644.60	1.00	0.09		0.50	15.00	31.00
			1078191	644.60	645.60	1.00	0.32		0.50	14.00	27.00
			1078192	645.60	646.60	1.00	0.11		0.50	17.00	234.00
			1078193	646.60	647.60	1.00	0.08		0.50	24.00	39.00
			1078194	647.60	648.60	1.00	0.13		0.50	18.00	1112.00
			1078195	648.60	649.60	1.00	0.15		0.50	20.00	45.00
			1078196	649.60	650.60	1.00	0.14		0.50	12.00	168.00
			1078197	650.60	651.60	1.00	0.06		0.50	25.00	56.00
			1078198	651.60	652.60	1.00	0.03		0.50	24.00	606.00
			1078199	652.60	653.60	1.00	0.08		0.50	40.00	206.00
			1078201	653.60	654.60	1.00	0.41		0.50	64.00	425.00
			1078202	654.60	655.25	0.65	0.17		0.50	45.00	100.00
			1078203	655.25	656.25	1.00	0.03		0.50	40.00	22.00
			1078204	656.25	657.25	1.00	1.46		4.00	756.00	4395.00
			1078205	657.25	658.25	1.00	0.15		0.50	91.00	331.00
			1078206	657.25	658.25	1.00	0.12		0.50	62.00	239.00
669.15	708.00	BMS, Biotite Muscovite Schist Very wkly ser footwall BMS with trace py. EOH @ 708m.	1078207	658.25	659.15	0.90	0.47		0.50	97.00	9602.00
			1078208	659.15	660.15	1.00	0.13		0.50	35.00	247.00
			1078209	660.15	661.15	1.00	0.14		0.50	27.00	109.00
			1078211	661.15	662.15	1.00	0.15		0.50	144.00	151.00
			1078212	662.15	663.15	1.00	0.12		0.50	63.00	103.00
			1078213	663.15	664.15	1.00	0.07		0.50	31.00	43.00
			1078214	664.15	665.15	1.00	0.04		0.50	17.00	119.00
			1078215	665.15	666.15	1.00	0.04		0.50	21.00	92.00
			1078216	666.15	667.15	1.00	0.16		0.50	15.00	75.00
			1078217	667.15	668.15	1.00	0.05		0.50	12.00	65.00
669.15	708.00	BMS, Biotite Muscovite Schist Very wkly ser footwall BMS with trace py. EOH @ 708m.	1078218	668.15	669.15	1.00	0.03		0.50	12.00	57.00
			1078219	669.15	670.65	1.50	0.02		0.50	16.00	76.00
			1078221	670.65	672.15	1.50	0.03		0.50	18.00	121.00
			1078222	672.15	673.65	1.50	0.07		0.50	15.00	715.00

**Samples**

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078078	415.40	416.90	0.0170		0.5000	23.0000	632.0000
1078079	416.90	418.40	0.0400		0.5000	28.0000	152.0000
1078081	418.40	419.50	0.0160		0.5000	23.0000	58.0000
1078082	419.50	420.50	0.0060		0.5000	18.0000	67.0000
1078083	420.50	421.50	0.0080		0.5000	32.0000	789.0000
1078084	421.50	422.50	0.0190		0.5000	27.0000	481.0000

Hole Number: TL11199

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078085	422.50	424.00	0.0210		0.5000	27.0000	100.0000
1078087	424.00	425.50	0.0140		0.5000	18.0000	72.0000
1078088	492.97	494.47	0.3550		0.5000	254.0000	302.0000
1078089	494.47	495.97	0.2110		0.5000	179.0000	545.0000
1078091	495.97	497.47	0.0670		0.5000	145.0000	138.0000
1078092	497.47	498.50	0.0490		0.5000	80.0000	215.0000
1078093	498.50	499.50	0.0450		0.5000	28.0000	45.0000
1078094	499.50	500.50	0.0220		0.5000	25.0000	58.0000
1078095	500.50	501.50	0.0210		0.5000	26.0000	48.0000
1078096	501.50	502.50	0.0140		0.5000	19.0000	36.0000
1078097	502.50	503.50	0.0190		0.5000	70.0000	84.0000
1078098	503.50	504.50	0.1960		0.5000	142.0000	224.0000
1078099	504.50	505.50	0.1940		0.5000	188.0000	111.0000
1078101	505.50	506.50	0.2570		0.5000	204.0000	674.0000
1078102	506.50	507.50	0.4020		0.5000	136.0000	676.0000
1078103	507.50	508.50	0.5540		6.0000	127.0000	254.0000
1078104	508.50	509.50	0.2910		0.5000	59.0000	134.0000
1078105	509.50	510.50	0.1550		0.5000	19.0000	82.0000
1078107	510.50	511.50	0.1620		0.5000	13.0000	83.0000
1078108	511.50	512.50	0.2200		0.5000	19.0000	76.0000
1078109	512.50	513.50	0.2590		0.5000	72.0000	91.0000
1078111	513.50	514.50	2.3860		14.0000	1578.0000	592.0000
1078112	514.50	515.50	1.0470		0.5000	392.0000	968.0000
1078113	515.50	516.50	1.5770		0.5000	340.0000	311.0000
1078114	516.50	517.50	0.2050		0.5000	155.0000	121.0000
1078115	517.50	518.50	0.2760		0.5000	92.0000	91.0000
1078116	518.50	519.50	0.0600		0.5000	87.0000	101.0000
1078117	519.50	521.00	0.3490		0.5000	122.0000	188.0000
1078118	521.00	522.00	0.1310		0.5000	149.0000	302.0000
1078119	522.00	523.00	0.8110		1.0000	527.0000	478.0000
1078121	523.00	524.00	0.3870		0.5000	598.0000	278.0000
1078122	524.00	525.00	1.0740		0.5000	185.0000	229.0000
1078123	525.00	526.00	0.0380		0.5000	36.0000	85.0000
1078124	526.00	527.00	0.0130		0.5000	38.0000	99.0000
1078125	527.00	528.00	0.0360		0.5000	50.0000	142.0000
1078127	528.00	528.90	0.8440		0.5000	81.0000	101.0000
1078128	528.90	529.80	10.0160		4.0000	764.0000	883.0000
1078129	529.80	530.40	68.2040		87.0000	16445.0000	35183.0000
1078131	530.40	531.40	25.7610		97.0000	11935.0000	30942.0000

Hole Number: TL11199

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078132	531.40	532.40	1.2340		0.5000	271.0000	645.0000
1078133	532.40	533.40	0.3150		0.5000	56.0000	162.0000
1078134	533.40	534.40	0.7160		0.5000	67.0000	279.0000
1078135	534.40	535.40	0.1970		0.5000	35.0000	68.0000
1078136	535.40	536.40	0.0750		0.5000	21.0000	160.0000
1078137	536.40	537.40	0.0440		0.5000	19.0000	57.0000
1078138	537.40	538.40	0.0340		0.5000	34.0000	67.0000
1078139	538.40	539.40	0.0840		0.5000	60.0000	195.0000
1078141	539.40	540.90	0.0450		0.5000	29.0000	90.0000
1078142	540.90	542.40	0.0470		2.0000	33.0000	137.0000
1078143	542.40	543.90	0.0460		5.0000	30.0000	100.0000
1078144	543.90	545.40	0.2780		14.0000	64.0000	270.0000
1078145	545.40	546.90	0.2450		13.0000	65.0000	176.0000
1078147	546.90	548.40	0.0110		0.5000	20.0000	62.0000
1078148	548.40	549.65	0.0060		0.5000	15.0000	66.0000
1078149	549.65	550.65	0.0040		0.5000	14.0000	45.0000
1078151	550.65	551.65	0.0020		0.5000	113.0000	108.0000
1078152	551.65	552.65	0.0040		0.5000	17.0000	56.0000
1078153	552.65	553.40	0.0120		0.5000	15.0000	72.0000
1078154	553.40	553.90	0.0160		0.5000	22.0000	258.0000
1078155	553.90	554.60	0.0050		0.5000	15.0000	40.0000
1078156	554.60	555.43	0.0040		0.5000	10.0000	53.0000
1078157	555.43	556.93	0.0060		0.5000	10.0000	84.0000
1078158	556.93	558.43	0.0140		0.5000	10.0000	89.0000
1078159	558.43	559.93	0.0230		0.5000	14.0000	87.0000
1078161	616.50	618.00	0.0610		0.5000	54.0000	157.0000
1078162	618.00	619.50	0.0070		0.5000	29.0000	63.0000
1078163	619.50	621.00	0.0270		0.5000	79.0000	73.0000
1078164	621.00	622.00	0.0300		0.5000	23.0000	83.0000
1078165	622.00	623.00	0.0280		0.5000	45.0000	73.0000
1078167	623.00	624.00	0.1690		0.5000	133.0000	210.0000
1078168	624.00	625.45	0.0280		0.5000	66.0000	101.0000
1078169	625.45	626.45	0.0320		0.5000	44.0000	99.0000
1078171	626.45	627.45	0.0100		0.5000	64.0000	56.0000
1078172	627.45	628.95	0.0130		0.5000	39.0000	49.0000
1078173	628.95	630.45	0.0100		0.5000	28.0000	85.0000
1078174	630.45	631.45	0.0090		0.5000	22.0000	56.0000
1078175	631.45	632.45	0.0560		0.5000	50.0000	195.0000
1078176	632.45	633.45	0.0350		0.5000	31.0000	95.0000



Hole Number: TL11199

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078177	633.45	634.45	0.0220		0.5000	31.0000	38.0000
1078178	634.45	635.45	0.0440		0.5000	20.0000	46.0000
1078179	635.45	636.35	0.0600		0.5000	20.0000	80.0000
1078181	636.35	637.35	0.0580		0.5000	19.0000	22.0000
1078182	637.35	638.25	0.0240		0.5000	23.0000	47.0000
1078183	638.25	639.10	0.0570		0.5000	16.0000	21.0000
1078184	639.10	640.10	0.0270		0.5000	18.0000	43.0000
1078185	640.10	641.60	0.0220		0.5000	21.0000	68.0000
1078187	641.60	642.60	0.0210		0.5000	13.0000	31.0000
1078188	642.60	643.60	0.0220		0.5000	15.0000	51.0000
1078189	643.60	644.60	0.0850		0.5000	15.0000	31.0000
1078191	644.60	645.60	0.3180		0.5000	14.0000	27.0000
1078192	645.60	646.60	0.1120		0.5000	17.0000	234.0000
1078193	646.60	647.60	0.0790		0.5000	24.0000	39.0000
1078194	647.60	648.60	0.1320		0.5000	18.0000	1112.0000
1078195	648.60	649.60	0.1490		0.5000	20.0000	45.0000
1078196	649.60	650.60	0.1440		0.5000	12.0000	168.0000
1078197	650.60	651.60	0.0610		0.5000	25.0000	56.0000
1078198	651.60	652.60	0.0310		0.5000	24.0000	606.0000
1078199	652.60	653.60	0.0810		0.5000	40.0000	206.0000
1078201	653.60	654.60	0.4100		0.5000	64.0000	425.0000
1078202	654.60	655.25	0.1740		0.5000	45.0000	100.0000
1078203	655.25	656.25	0.0270		0.5000	40.0000	22.0000
1078204	656.25	657.25	1.4610		4.0000	756.0000	4395.0000
1078205	657.25	658.25	0.1450		0.5000	91.0000	331.0000
1078207	658.25	659.15	0.4690		0.5000	97.0000	9602.0000
1078208	659.15	660.15	0.1330		0.5000	35.0000	247.0000
1078209	660.15	661.15	0.1360		0.5000	27.0000	109.0000
1078211	661.15	662.15	0.1450		0.5000	144.0000	151.0000
1078212	662.15	663.15	0.1230		0.5000	63.0000	103.0000
1078213	663.15	664.15	0.0700		0.5000	31.0000	43.0000
1078214	664.15	665.15	0.0350		0.5000	17.0000	119.0000
1078215	665.15	666.15	0.0360		0.5000	21.0000	92.0000
1078216	666.15	667.15	0.1560		0.5000	15.0000	75.0000
1078217	667.15	668.15	0.0480		0.5000	12.0000	65.0000
1078218	668.15	669.15	0.0250		0.5000	12.0000	57.0000
1078219	669.15	670.65	0.0190		0.5000	16.0000	76.0000
1078221	670.65	672.15	0.0270		0.5000	18.0000	121.0000
1078222	672.15	673.65	0.0720		0.5000	15.0000	715.0000

Hole Number: TL11199

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type CDUP							
1078086	422.50	424.00	0.0210		0.5000	25.0000	93.0000
1078106	509.50	510.50	0.1830		0.5000	17.0000	83.0000
1078126	527.00	528.00	0.0350		0.5000	44.0000	152.0000
1078146	545.40	546.90	0.1430		10.0000	67.0000	153.0000
1078166	622.00	623.00	0.0240		0.5000	35.0000	65.0000
1078186	640.10	641.60	0.0240		0.5000	19.0000	63.0000
1078206	657.25	658.25	0.1210		0.5000	62.0000	239.0000

# DETAILED LOG

Hole Number: TL11200

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: 65.00
Project Number: TMI-TL	North: 5511644.38	North:	Collar Az: 350.00
Location: Zealand Township	East: 527355.68	East:	Length: 375.00
	Elev: 395.82	Elev:	Start Depth: 0.00
Date Started: Jul 30, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Aug 01, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 375.00

Comments: Main Zone: 267.84 - 304.68m  
 -Poorly altered, 30% ser alteration.  
 -10% Py, Sph.  
 -5% Pb  
 -Local elevated Cp, Po.  
 -Trace Asp.  
 C Zone: 348.62 - 372.78m  
 -65% ser alteration.  
 -3% Py  
 -2% Sph  
 -Local 1% Pb

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	349.00	-65.00	EZ Sho	OK		33.00	349.30	-64.50	EZ Sho	OK	
54.00	349.80	-64.30	EZ Sho	OK		102.00	350.70	-63.10	EZ Sho	OK	
159.00	351.00	-61.80	EZ Sho	OK		201.00	350.50	-60.40	EZ Sho	OK	
255.00	350.90	-58.60	EZ Sho	OK		306.00	351.70	-57.00	EZ Sho	OK	
350.00	352.20	-54.60	EZ Sho	OK		375.00	351.00	-53.40	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	6.00	OB, Overburden									
6.00	226.48	BMS, Biotite Muscovite Schist Typical BMS. -5% ser to 45% ser alteration -Trace-1% Py -Trace Sph to LOCAL 5% Sph. -1% Po to local 5% Po. -Local Asp.	1076848	225.00	226.48	1.48	0.04		1.00	34.00	152.00

## DETAILED LOG

Hole Number: TL11200

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
226.48	233.55	MSS, Muscovite Sericite Schist 1st Hanging wall MSS. -85% ser alteration. -1% Py to local 3% Py. -Trace to local 3% Sph. -Local 5% Pb. -Local 10% Pent.	1076849	226.48	227.37	0.89	0.02		0.50	21.00	96.00
			1076851	227.37	228.37	1.00	0.08		0.50	23.00	980.00
			1076852	228.37	229.39	1.02	0.06		0.50	30.00	365.00
			1076853	229.39	230.39	1.00	0.03		0.50	10.00	122.00
			1076854	230.39	231.39	1.00	0.02		0.50	14.00	64.00
			1076855	231.39	232.45	1.06	0.18		0.50	47.00	114.00
			1076856	232.45	233.55	1.10	0.59		5.00	3307.00	4691.00
233.55	244.34	BMS, Biotite Muscovite Schist Typical BMS. -5% ser alteration. -Trace Py with local 5% Py. -Local 5% Po.	1076857	233.55	235.05	1.50	0.04		0.50	77.00	168.00
			1076858	242.84	244.34	1.50	0.04		0.50	123.00	124.00
244.34	254.15	MSS, Muscovite Sericite Schist 2nd Hanging wall MSS. -85% ser alteration. -3% Py -2% Sph.	1076859	244.34	245.34	1.00	0.13		5.00	1229.00	1973.00
			1076861	245.34	246.34	1.00	0.02		0.50	34.00	194.00
			1076862	246.34	247.20	0.86	0.02		0.50	24.00	174.00
			1076863	247.20	248.20	1.00	0.02		0.50	40.00	74.00
			1076864	248.20	249.11	0.91	0.02		0.50	19.00	61.00
			1076866	249.11	250.04	0.93	0.15		0.50	46.00	135.00
			1076865	249.11	250.04	0.93	0.20		0.50	41.00	129.00
			1076867	250.04	251.15	1.11	0.24		0.50	81.00	262.00
			1076868	251.15	252.15	1.00	0.11		0.50	76.00	156.00
			1076869	252.15	253.15	1.00	0.06		0.50	92.00	553.00
254.15	267.84	BMS, Biotite Muscovite Schist Typical BMS. -25% ser alteration. -2% Py -1% Sph -Trace Pb.	1076872	254.15	255.65	1.50	0.02		0.50	50.00	153.00
			1076873	266.34	267.84	1.50	0.37		5.00	1217.00	1064.00

## DETAILED LOG

Hole Number: TL11200

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
267.84	304.68	MSS, Muscovite Sericite Schist	1076874	267.84	268.67	0.83	0.24		0.50	730.00	1877.00
		Main Zone MSS.	1076875	268.67	269.55	0.88	0.41		2.00	1800.00	1121.00
		-Average 30% ser alteration with variation.	1076876	269.55	270.50	0.95	0.27		3.00	4411.00	4724.00
		-10% Py.	1076877	270.50	271.48	0.98	0.11		0.50	448.00	362.00
		-10% Sph	1076878	271.48	272.48	1.00	0.11		0.50	438.00	1234.00
		-Trace Asp.	1076879	272.48	273.48	1.00	0.08		0.50	322.00	427.00
		-5% Pb.	1076881	273.48	274.39	0.91	0.08		0.50	492.00	727.00
		-Local 3% Cp.	1076882	274.39	275.11	0.72	0.05		0.50	162.00	282.00
		-Local 5% Po.	1076883	275.11	275.84	0.73	0.27		0.50	487.00	438.00
			1076884	275.84	276.79	0.95	0.35		0.50	52.00	137.00
			1076885	276.79	277.72	0.93	0.14		0.50	39.00	137.00
			1076886	276.79	277.72	0.93	0.12		0.50	36.00	147.00
			1076887	277.72	278.84	1.12	0.46		2.00	2007.00	3522.00
			1076888	278.84	279.70	0.86	0.80	0.53	3.00	1301.00	2572.00
			1076889	279.70	280.76	1.06	8.35	5.05	17.00	5577.00	9429.00
			1076891	280.76	281.68	0.92	9.12	7.36	3.00	1180.00	2029.00
			1076892	281.68	282.69	1.01	4.65	4.63	5.00	685.00	1552.00
			1076893	282.69	283.43	0.74	1.34	0.62	2.00	672.00	2091.00
			1076894	283.43	284.43	1.00	0.27	0.26	3.00	653.00	312.00
			1076895	284.43	285.43	1.00	2.91	2.10	0.50	76.00	170.00
			1076896	285.43	286.49	1.06	0.13	0.12	0.50	56.00	164.00
			1076897	286.49	287.31	0.82	0.85	0.56	0.50	114.00	154.00
			1076898	287.31	288.03	0.72	4.77	2.92	2.00	286.00	341.00
			1076899	288.03	288.80	0.77	0.87	0.67	0.50	81.00	452.00
			1076901	288.80	289.46	0.66	1.26	0.86	2.00	583.00	835.00
			1076902	289.46	290.11	0.65	1.38	0.77	2.00	616.00	1062.00
			1076903	290.11	291.11	1.00	0.53	0.60	0.50	108.00	271.00
			1076904	291.11	292.11	1.00	1.18	1.13	0.50	65.00	178.00
			1076905	292.11	293.05	0.94	2.89	2.37	2.00	548.00	876.00
			1076906	292.11	293.05	0.94	11.43	10.66	3.00	555.00	672.00
			1076907	293.05	294.00	0.95	0.15	0.15	0.50	298.00	482.00
			1076908	294.00	295.24	1.24	0.03		0.50	63.00	156.00
			1076909	295.24	296.12	0.88	0.05		0.50	176.00	1312.00
			1076911	296.12	296.84	0.72	0.05		0.50	43.00	118.00
			1076912	296.84	297.64	0.80	0.12		0.50	486.00	132.00
			1076913	297.64	298.55	0.91	0.21		3.00	1562.00	3302.00
			1076914	298.55	299.33	0.78	0.04		0.50	111.00	171.00
			1076915	299.33	300.25	0.92	0.12		0.50	446.00	504.00
			1076916	300.25	300.92	0.67	0.21		1.00	904.00	1847.00
			1076917	300.92	301.68	0.76	1.93		2.00	2106.00	4942.00
			1076918	301.68	302.48	0.80	0.16		0.50	173.00	219.00
			1076919	302.48	303.23	0.75	0.14		0.50	223.00	220.00
			1076921	303.23	303.91	0.68	0.17		1.00	738.00	1073.00

DETAILED LOG

Hole Number: TL11200

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1076922	303.91	304.68	0.77	0.22		0.50	280.00	612.00
304.68	348.62	BMS, Biotite Muscovite Schist Typical BMS. -10% ser alteration. -Higher Py and Sph, 5% at top of BMS. -Lower Py, 1% and trace Sp at base of BMS.	1076923	304.68	305.52	0.84	0.22		0.50	58.00	105.00
			1076924	305.52	307.02	1.50	0.34		0.50	404.00	2171.00
			1076925	307.02	308.52	1.50	0.57		3.00	742.00	1278.00
			1076926	307.02	308.52	1.50	0.37		2.00	996.00	1120.00
			1076927	308.52	310.11	1.59	0.21		0.50	298.00	822.00
			1076928	347.12	348.62	1.50	0.04		0.50	47.00	114.00
348.62	372.78	MSS, Muscovite Sericite Schist C zone MSS. -65% ser alteration. -3% Py. -2% Sph. -Local 1% Pb.	1076929	348.62	349.93	1.31	1.00		7.00	455.00	1587.00
			1076931	349.93	350.93	1.00	0.12		0.50	42.00	111.00
			1076932	350.93	351.93	1.00	0.03		0.50	45.00	98.00
			1076933	351.93	352.93	1.00	0.03		2.00	33.00	115.00
			1076934	352.93	353.93	1.00	0.08		0.50	39.00	483.00
			1076935	353.93	354.93	1.00	0.04		0.50	65.00	155.00
			1076936	354.93	355.98	1.05	0.25		7.00	227.00	741.00
			1076937	355.98	357.00	1.02	0.12		2.00	68.00	117.00
			1076938	357.00	358.00	1.00	0.04		0.50	34.00	102.00
			1076939	358.00	358.95	0.95	0.03		1.00	21.00	94.00
			1076941	358.95	359.86	0.91	0.02		0.50	141.00	151.00
			1076942	359.86	360.88	1.02	0.06		0.50	39.00	134.00
			1076943	360.88	361.68	0.80	0.03		0.50	29.00	111.00
			1076944	361.68	362.49	0.81	0.04		0.50	41.00	307.00
			1076946	362.49	363.49	1.00	0.05		0.50	34.00	158.00
			1076945	362.49	363.49	1.00	0.05		0.50	29.00	101.00
			1076947	363.49	364.22	0.73	0.17		0.50	33.00	73.00
			1076948	364.22	365.15	0.93	0.11		0.50	28.00	94.00
			1076949	365.15	366.00	0.85	0.21		0.50	19.00	79.00
			1076951	366.00	367.00	1.00	0.04		0.50	18.00	82.00
		1076952	367.00	368.00	1.00	0.04		0.50	17.00	87.00	
		1076953	368.00	369.00	1.00	0.01		0.50	16.00	82.00	
		1076954	369.00	370.02	1.02	0.01		0.50	17.00	82.00	
		1076955	370.02	370.87	0.85	0.05		0.50	12.00	52.00	
		1076956	370.87	371.87	1.00	0.08		0.50	28.00	106.00	
		1076957	371.87	372.78	0.91	0.23		0.50	49.00	116.00	
372.78	375.00	BMS, Biotite Muscovite Schist Typical BMS. -95% ser alteration. -Trace Py and Asp.	1076958	372.78	374.28	1.50	0.01		0.50	24.00	104.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type ASSAY							
1076848	225.00	226.48	0.0370		1.0000	34.0000	152.0000

## DETAILED LOG

Hole Number: TL11200

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076849	226.48	227.37	0.0180		0.5000	21.0000	96.0000
1076851	227.37	228.37	0.0790		0.5000	23.0000	980.0000
1076852	228.37	229.39	0.0560		0.5000	30.0000	365.0000
1076853	229.39	230.39	0.0300		0.5000	10.0000	122.0000
1076854	230.39	231.39	0.0150		0.5000	14.0000	64.0000
1076855	231.39	232.45	0.1810		0.5000	47.0000	114.0000
1076856	232.45	233.55	0.5920		5.0000	3307.0000	4691.0000
1076857	233.55	235.05	0.0400		0.5000	77.0000	168.0000
1076858	242.84	244.34	0.0420		0.5000	123.0000	124.0000
1076859	244.34	245.34	0.1260		5.0000	1229.0000	1973.0000
1076861	245.34	246.34	0.0190		0.5000	34.0000	194.0000
1076862	246.34	247.20	0.0240		0.5000	24.0000	174.0000
1076863	247.20	248.20	0.0220		0.5000	40.0000	74.0000
1076864	248.20	249.11	0.0200		0.5000	19.0000	61.0000
1076865	249.11	250.04	0.1970		0.5000	41.0000	129.0000
1076867	250.04	251.15	0.2360		0.5000	81.0000	262.0000
1076868	251.15	252.15	0.1100		0.5000	76.0000	156.0000
1076869	252.15	253.15	0.0640		0.5000	92.0000	553.0000
1076871	253.15	254.15	0.0110		0.5000	50.0000	117.0000
1076872	254.15	255.65	0.0210		0.5000	50.0000	153.0000
1076873	266.34	267.84	0.3690		5.0000	1217.0000	1064.0000
1076874	267.84	268.67	0.2390		0.5000	730.0000	1877.0000
1076875	268.67	269.55	0.4050		2.0000	1800.0000	1121.0000
1076876	269.55	270.50	0.2660		3.0000	4411.0000	4724.0000
1076877	270.50	271.48	0.1110		0.5000	448.0000	362.0000
1076878	271.48	272.48	0.1080		0.5000	438.0000	1234.0000
1076879	272.48	273.48	0.0750		0.5000	322.0000	427.0000
1076881	273.48	274.39	0.0770		0.5000	492.0000	727.0000
1076882	274.39	275.11	0.0530		0.5000	162.0000	282.0000
1076883	275.11	275.84	0.2700		0.5000	487.0000	438.0000
1076884	275.84	276.79	0.3510		0.5000	52.0000	137.0000
1076885	276.79	277.72	0.1350		0.5000	39.0000	137.0000
1076887	277.72	278.84	0.4550		2.0000	2007.0000	3522.0000
1076888	278.84	279.70	0.8000	0.5260	3.0000	1301.0000	2572.0000
1076889	279.70	280.76	8.3530	5.0490	17.0000	5577.0000	9429.0000
1076891	280.76	281.68	9.1230	7.3610	3.0000	1180.0000	2029.0000
1076892	281.68	282.69	4.6500	4.6300	5.0000	685.0000	1552.0000
1076893	282.69	283.43	1.3380	0.6200	2.0000	672.0000	2091.0000
1076894	283.43	284.43	0.2700	0.2570	3.0000	653.0000	312.0000

Hole Number: TL11200

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076895	284.43	285.43	2.9070	2.0960	0.5000	76.0000	170.0000
1076896	285.43	286.49	0.1340	0.1170	0.5000	56.0000	164.0000
1076897	286.49	287.31	0.8480	0.5640	0.5000	114.0000	154.0000
1076898	287.31	288.03	4.7680	2.9230	2.0000	286.0000	341.0000
1076899	288.03	288.80	0.8740	0.6650	0.5000	81.0000	452.0000
1076901	288.80	289.46	1.2590	0.8600	2.0000	583.0000	835.0000
1076902	289.46	290.11	1.3830	0.7660	2.0000	616.0000	1062.0000
1076903	290.11	291.11	0.5250	0.5990	0.5000	108.0000	271.0000
1076904	291.11	292.11	1.1770	1.1260	0.5000	65.0000	178.0000
1076905	292.11	293.05	2.8860	2.3710	2.0000	548.0000	876.0000
1076907	293.05	294.00	0.1540	0.1450	0.5000	298.0000	482.0000
1076908	294.00	295.24	0.0330		0.5000	63.0000	156.0000
1076909	295.24	296.12	0.0530		0.5000	176.0000	1312.0000
1076911	296.12	296.84	0.0450		0.5000	43.0000	118.0000
1076912	296.84	297.64	0.1160		0.5000	486.0000	132.0000
1076913	297.64	298.55	0.2050		3.0000	1562.0000	3302.0000
1076914	298.55	299.33	0.0430		0.5000	111.0000	171.0000
1076915	299.33	300.25	0.1240		0.5000	446.0000	504.0000
1076916	300.25	300.92	0.2050		1.0000	904.0000	1847.0000
1076917	300.92	301.68	1.9250		2.0000	2106.0000	4942.0000
1076918	301.68	302.48	0.1630		0.5000	173.0000	219.0000
1076919	302.48	303.23	0.1380		0.5000	223.0000	220.0000
1076921	303.23	303.91	0.1720		1.0000	738.0000	1073.0000
1076922	303.91	304.68	0.2150		0.5000	280.0000	612.0000
1076923	304.68	305.52	0.2220		0.5000	58.0000	105.0000
1076924	305.52	307.02	0.3410		0.5000	404.0000	2171.0000
1076925	307.02	308.52	0.5710		3.0000	742.0000	1278.0000
1076927	308.52	310.11	0.2120		0.5000	298.0000	822.0000
1076928	347.12	348.62	0.0440		0.5000	47.0000	114.0000
1076929	348.62	349.93	1.0040		7.0000	455.0000	1587.0000
1076931	349.93	350.93	0.1180		0.5000	42.0000	111.0000
1076932	350.93	351.93	0.0260		0.5000	45.0000	98.0000
1076933	351.93	352.93	0.0250		2.0000	33.0000	115.0000
1076934	352.93	353.93	0.0780		0.5000	39.0000	483.0000
1076935	353.93	354.93	0.0390		0.5000	65.0000	155.0000
1076936	354.93	355.98	0.2470		7.0000	227.0000	741.0000
1076937	355.98	357.00	0.1180		2.0000	68.0000	117.0000
1076938	357.00	358.00	0.0400		0.5000	34.0000	102.0000
1076939	358.00	358.95	0.0260		1.0000	21.0000	94.0000



Hole Number: TL11200

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076941	358.95	359.86	0.0200		0.5000	141.0000	151.0000
1076942	359.86	360.88	0.0600		0.5000	39.0000	134.0000
1076943	360.88	361.68	0.0250		0.5000	29.0000	111.0000
1076944	361.68	362.49	0.0380		0.5000	41.0000	307.0000
1076945	362.49	363.49	0.0530		0.5000	29.0000	101.0000
1076947	363.49	364.22	0.1690		0.5000	33.0000	73.0000
1076948	364.22	365.15	0.1090		0.5000	28.0000	94.0000
1076949	365.15	366.00	0.2110		0.5000	19.0000	79.0000
1076951	366.00	367.00	0.0420		0.5000	18.0000	82.0000
1076952	367.00	368.00	0.0370		0.5000	17.0000	87.0000
1076953	368.00	369.00	0.0140		0.5000	16.0000	82.0000
1076954	369.00	370.02	0.0110		0.5000	17.0000	82.0000
1076955	370.02	370.87	0.0480		0.5000	12.0000	52.0000
1076956	370.87	371.87	0.0840		0.5000	28.0000	106.0000
1076957	371.87	372.78	0.2250		0.5000	49.0000	116.0000
1076958	372.78	374.28	0.0140		0.5000	24.0000	104.0000
Sample Type	CDUP						
1076866	249.11	250.04	0.1530		0.5000	46.0000	135.0000
1076886	276.79	277.72	0.1240		0.5000	36.0000	147.0000
1076906	292.11	293.05	11.4280	10.6560	3.0000	555.0000	672.0000
1076926	307.02	308.52	0.3730		2.0000	996.0000	1120.0000
1076946	362.49	363.49	0.0540		0.5000	34.0000	158.0000

# DETAILED LOG

Hole Number: TL11201

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -70.00
Project Number: TMI-TL	North: 5511678.08	North:	Collar Az: 350.00
Location: Zealand Township	East: 528105.16	East:	Length: 573.00
	Elev: 394.35	Elev:	Start Depth: 0.00
Date Started: Jul 31, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Aug 04, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 573.00

Comments: Main zone from 452.38-491.13m. Footwall MSS zone from 505.23-521.55m. C-zone from 538.93-564.43m.  
 Main zone is strongly ser (patchy), local pervasive ser from 483.6-488.6m. Best samples from 459.25-460.2m: 8%py, 2%sph, trace pent/gln/po; and 471.88-473.3m: 1%py, 2% sph, trace cpy/gln/po. Very wkly developped sheathe fold? from 489.06-489.41m.  
 Footwall zone is strongly ser (grey-green), pervasive ser from 519-521.55 and strong sil from 513.5-516.5. Best samples from 519.4-521.55m: 10% py stringers and along small sheathe folds, trace po.  
 MSS C-zone is very strongly ser to 545.15, then strongly ser. Minor fuc bands/lenses. Best samples from 544.3-545.15m: 4%py, 1%sph; and 561.9-564.43: 2-3%py, 2-3%sph, trace cpy.  
 RQD interval 60-63m not included due to block error. Data exceeds limit.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	355.50	-72.00	EZ Sho	OK		24.00	356.00	-70.30	EZ Sho	OK	
51.00	357.90	-68.90	EZ Sho	OK		102.00	359.80	-67.70	EZ Sho	OK	
150.00	356.90	-66.70	EZ Sho	OK		201.00	357.50	-66.10	EZ Sho	OK	
252.00	358.60	-65.30	EZ Sho	OK		309.00	359.00	-64.30	EZ Sho	OK	Drilled past fault 27 ft
351.00	359.40	-63.50	EZ Sho	OK		402.00	359.90	-62.80	EZ Sho	OK	No mag recorded
450.00	1.00	-61.30	EZ Sho	OK		504.00	3.50	-60.10	EZ Sho	OK	
552.00	4.60	-59.10	EZ Sho	OK		573.00	4.00	-58.50	EZ Sho	OK	

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	3.60	OB, Overburden									
3.60	140.36	MSED, Metasediment Wkly foliated MSED with local epi and K alt. Trace py									
140.36	366.70	BMS, Biotite Muscovite Schist V. wkly ser BMS with trace py and local fault zones.	1078223	363.70	365.20	1.50	0.13		0.50	148.00	137.00
			1078224	365.20	366.70	1.50	0.03		0.50	66.00	170.00
366.70	372.06	MSS, Muscovite Sericite Schist Very strongly ser / strongly sil + minor fuc hangingwall MSS. 1-2% py and trace po-sph-gln.	1078226	366.70	367.70	1.00	0.02		0.50	25.00	142.00
			1078225	366.70	367.70	1.00	0.02		0.50	21.00	143.00
			1078227	367.70	368.70	1.00	0.01		0.50	25.00	76.00
			1078228	368.70	369.70	1.00	0.02		0.50	39.00	120.00
			1078229	369.70	370.70	1.00	0.02		0.50	35.00	106.00
			1078231	370.70	371.56	0.86	0.16		6.00	58.00	254.00
			1078232	371.56	372.06	0.50	1.91		81.00	532.00	496.00

## DETAILED LOG

Hole Number: TL11201

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
372.06	402.67	BMS, Biotite Muscovite Schist V. wkly ser BMS with trace py and local po-asp.	1078233	372.06	373.56	1.50	0.10		0.50	27.00	83.00
			1078234	373.56	375.06	1.50	0.06		0.50	14.00	57.00
			1078235	375.06	375.56	0.50	0.03		0.50	19.00	84.00
			1078236	375.56	377.06	1.50	0.03		0.50	9.00	88.00
			1078237	377.06	378.56	1.50	0.01		0.50	9.00	104.00
402.67	418.98	MSS, Muscovite Sericite Schist Very strongly ser hangingwall MSS. Trace py-po.									
418.98	452.38	BMS, Biotite Muscovite Schist V.wkly ser BMS with trace py. Trace cpy from 438.2-439.2, in strongly ser section	1078238	435.40	436.90	1.50	0.01		0.50	6.00	66.00
			1078239	436.90	438.40	1.50	0.02		0.50	18.00	69.00
			1078241	438.40	439.30	0.90	0.36		1.00	69.00	196.00
			1078242	439.30	440.80	1.50	0.04		0.50	32.00	68.00
			1078243	440.80	442.30	1.50	0.10		0.50	163.00	247.00
			1078244	449.38	450.88	1.50	0.07		0.50	29.00	76.00
			1078246	450.88	452.38	1.50	0.13		0.50	20.00	78.00
			1078245	450.88	452.38	1.50	0.10		0.50	20.00	79.00

DETAILED LOG

Hole Number: TL11201

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
452.38	491.13	MSS, Muscovite Sericite Schist	1078247	452.38	453.38	1.00	0.08		0.50	49.00	147.00
		Strongly ser (patchy) MSS Main zone, local pervasive ser from 483.6-488.6m.	1078248	453.38	454.38	1.00	0.05		0.50	43.00	191.00
		Best samples from 459.25-460.2m: 8%py, 2%sph, trace pent/gln/po; and	1078249	454.38	455.38	1.00	0.02		0.50	65.00	131.00
		471.88-473.3m: 1%py, 2% sph, trace cpy/gln/po. Very wkly developped sheathe	1078251	455.38	456.38	1.00	0.04		3.00	149.00	253.00
		fold? from 489.06-489.41m	1078252	456.38	457.25	0.87	0.05		0.50	61.00	106.00
			1078253	457.25	458.05	0.80	0.20		0.50	156.00	369.00
			1078254	458.05	459.05	1.00	0.12		0.50	43.00	111.00
			1078255	459.05	459.65	0.60	2.06		4.00	872.00	5863.00
			1078256	459.65	460.30	0.65	0.73		0.50	130.00	860.00
			1078257	460.30	461.30	1.00	0.51		0.50	37.00	156.00
			1078258	461.30	462.30	1.00	0.21		0.50	40.00	132.00
			1078259	462.30	463.30	1.00	0.38		0.50	34.00	353.00
			1078261	463.30	464.30	1.00	0.23		0.50	198.00	412.00
			1078262	464.30	465.30	1.00	0.17		0.50	42.00	118.00
			1078263	465.30	466.30	1.00	0.32		0.50	61.00	158.00
			1078264	466.30	467.30	1.00	0.15		0.50	17.00	68.00
			1078266	467.30	468.30	1.00	0.15		0.50	16.00	91.00
			1078265	467.30	468.30	1.00	0.11		0.50	18.00	85.00
			1078267	468.30	469.30	1.00	0.05		0.50	30.00	148.00
			1078268	469.30	470.30	1.00	0.22		0.50	24.00	123.00
			1078269	470.30	471.88	1.58	0.41		3.00	38.00	180.00
			1078271	471.88	472.64	0.76	0.83		14.00	264.00	1091.00
			1078272	472.64	473.30	0.66	0.29		4.00	144.00	3167.00
			1078273	473.30	474.30	1.00	0.07		0.50	25.00	291.00
			1078274	474.30	475.30	1.00	0.30		0.50	82.00	218.00
			1078275	475.30	476.30	1.00	0.07		0.50	18.00	86.00
			1078276	476.30	477.30	1.00	0.01		0.50	11.00	82.00
			1078277	477.30	478.30	1.00	0.07		4.00	18.00	125.00
			1078278	478.30	479.30	1.00	0.01		0.50	13.00	66.00
			1078279	479.30	480.30	1.00	0.00		0.50	6.00	53.00
			1078281	480.30	481.30	1.00	0.01		0.50	8.00	65.00
			1078282	481.30	482.30	1.00	0.01		0.50	12.00	70.00
			1078283	482.30	483.60	1.30	0.01		1.00	28.00	636.00
			1078284	483.60	484.60	1.00	0.35		42.00	148.00	527.00
			1078285	484.60	485.60	1.00	0.58		24.00	773.00	907.00
			1078286	484.60	485.60	1.00	0.64		25.00	602.00	517.00
			1078287	485.60	486.60	1.00	0.28		4.00	231.00	708.00
			1078288	486.60	487.60	1.00	0.10		0.50	59.00	111.00
			1078289	487.60	488.60	1.00	0.32		5.00	284.00	597.00
			1078291	488.60	489.60	1.00	0.07		0.50	49.00	116.00
			1078292	489.60	490.60	1.00	0.03		0.50	37.00	98.00
			1078293	490.60	491.13	0.53	0.04		0.50	14.00	83.00

## DETAILED LOG

Hole Number: TL11201

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
491.13	505.23	BMS, Biotite Muscovite Schist Very wkly ser BMS, with trace py and local po.	1078294	491.13	492.60	1.47	0.01		0.50	16.00	69.0
			1078295	492.60	494.10	1.50	0.01		0.50	11.00	67.0
			1078296	494.10	495.60	1.50	0.01		0.50	14.00	63.0
			1078297	495.60	496.10	0.50	0.01		0.50	9.00	75.0
			1078298	496.10	497.60	1.50	0.01		0.50	15.00	63.0
			1078299	497.60	499.10	1.50	0.01		0.50	12.00	83.0
			1078301	499.10	500.60	1.50	0.01		0.50	16.00	88.0
			1078302	500.60	502.10	1.50	0.01		0.50	13.00	69.0
			1078303	502.10	503.73	1.63	0.01		0.50	10.00	76.0
			1078304	503.73	505.23	1.50	0.01		0.50	12.00	87.0
505.23	521.55	MSS, Muscovite Sericite Schist Strongly ser (greenish grey) MSS footwall zone, pervasive ser from 519-521.55 and strong sil from 513.5-516.5. Best samples from 519.4-521.55m: 10% py stringers and along small sheathe folds, trace po.	1078306	505.23	506.23	1.00	0.01		0.50	11.00	62.0
			1078305	505.23	506.23	1.00	0.01		0.50	13.00	53.0
			1078307	506.23	507.23	1.00	0.02		2.00	35.00	128.0
			1078308	507.23	508.23	1.00	0.01		0.50	12.00	65.0
			1078309	508.23	509.23	1.00	0.01		0.50	14.00	113.0
			1078311	509.23	510.23	1.00	0.02		0.50	15.00	59.0
			1078312	510.23	511.44	1.21	0.02		0.50	16.00	57.0
			1078313	511.44	512.44	1.00	0.05		0.50	27.00	190.0
			1078314	512.44	513.44	1.00	0.06		0.50	53.00	145.0
			1078315	513.44	514.20	0.76	0.03		0.50	43.00	106.0
			1078316	514.20	515.15	0.95	0.04		0.50	27.00	81.0
			1078317	515.15	516.15	1.00	0.02		0.50	110.00	315.0
			1078318	516.15	517.15	1.00	0.01		0.50	15.00	96.0
			1078319	517.15	518.15	1.00	0.01		0.50	14.00	91.0
			1078321	518.15	519.15	1.00	0.01		0.50	28.00	86.0
1078322	519.15	520.15	1.00	0.03		0.50	41.00	112.0			
1078323	520.15	520.65	0.50	0.09		2.00	39.00	91.0			
1078324	520.65	521.55	0.90	0.17		14.00	50.00	177.0			
521.55	538.93	BMS, Biotite Muscovite Schist V.wkly ser BMS with trace-1% py.	1078325	521.55	523.05	1.50	0.04		3.00	19.00	111.0
			1078326	521.55	523.05	1.50	0.16		0.50	24.00	110.0
			1078327	523.05	524.55	1.50	0.01		0.50	7.00	79.0
			1078328	524.55	526.05	1.50	0.02		0.50	13.00	105.0
			1078329	526.05	527.30	1.25	0.10		0.50	280.00	320.0
			1078331	527.30	528.80	1.50	0.04		1.00	128.00	171.0
			1078332	528.80	530.30	1.50	0.02		0.50	22.00	86.0
			1078333	530.30	531.80	1.50	0.10		0.50	28.00	143.0
			1078334	531.80	532.50	0.70	0.08		0.50	18.00	110.0
			1078335	532.50	534.00	1.50	0.03		0.50	14.00	90.0
			1078336	534.00	535.50	1.50	0.02		0.50	15.00	93.0
			1078337	535.50	536.43	0.93	0.03		0.50	13.00	99.0
			1078338	536.43	537.43	1.00	0.28		0.50	110.00	521.0
			1078339	537.43	538.93	1.50	0.03		0.50	27.00	100.0

# DETAILED LOG

Hole Number: TL11201

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
538.93	564.43	MSS, Muscovite Sericite Schist MSS C-zone. Very strongly ser to 545.15, the strongly ser. Minor fuc bands/lenses. Best samples from 544.3-545.15m: 4%py, 1%sph; and 561.9-564.43: 2-3%py, 2-3%sph, trace cpy.	1078341	538.93	540.00	1.07	0.52		0.50	59.00	118.00
			1078342	540.00	541.00	1.00	0.08		0.50	60.00	220.00
			1078343	541.00	542.00	1.00	0.34		0.50	52.00	635.00
			1078344	542.00	543.00	1.00	0.38		0.50	40.00	212.00
			1078345	543.00	544.30	1.30	0.53		0.50	46.00	133.00
			1078346	543.00	544.30	1.30	0.29		0.50	45.00	104.00
			1078347	544.30	545.15	0.85	0.40		2.00	599.00	1583.00
			1078348	545.15	546.65	1.50	0.08		0.50	78.00	188.00
			1078349	546.65	547.55	0.90	0.04		0.50	22.00	90.00
			1078351	547.55	548.45	0.90	0.05		0.50	19.00	91.00
			1078352	548.45	549.45	1.00	0.15		0.50	15.00	254.00
			1078353	549.45	550.45	1.00	0.14		0.50	19.00	111.00
			1078354	550.45	551.45	1.00	0.07		0.50	16.00	104.00
			1078355	551.45	552.45	1.00	0.06		0.50	25.00	348.00
			1078356	552.45	553.45	1.00	0.62		0.50	76.00	1322.00
			1078357	553.45	554.45	1.00	0.77		0.50	49.00	223.00
			1078358	554.45	555.45	1.00	0.14		0.50	45.00	173.00
			1078359	555.45	556.45	1.00	0.15		0.50	117.00	443.00
			1078361	556.45	557.45	1.00	0.06		0.50	46.00	138.00
			1078362	557.45	558.45	1.00	0.06		0.50	33.00	137.00
1078363	558.45	559.45	1.00	0.04		0.50	25.00	98.00			
1078364	559.45	560.45	1.00	0.11		1.00	34.00	1236.00			
1078366	560.45	561.45	1.00	0.41		1.00	67.00	279.00			
1078365	560.45	561.45	1.00	0.26		0.50	92.00	325.00			
1078367	561.45	562.45	1.00	0.06		0.50	32.00	772.00			
1078368	562.45	563.45	1.00	0.13		1.00	28.00	948.00			
1078369	563.45	564.43	0.98	0.57		4.00	67.00	3610.00			
564.43	573.00	BMS, Biotite Muscovite Schist	1078371	564.43	565.93	1.50	0.04		0.50	30.00	185.00
			1078372	565.93	567.43	1.50	0.03		0.50	41.00	166.00
			1078373	567.43	568.93	1.50	0.05		3.00	350.00	1666.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078223	363.70	365.20	0.1260		0.5000	148.0000	137.0000
1078224	365.20	366.70	0.0300		0.5000	66.0000	170.0000
1078225	366.70	367.70	0.0210		0.5000	21.0000	143.0000
1078227	367.70	368.70	0.0140		0.5000	25.0000	76.0000
1078228	368.70	369.70	0.0240		0.5000	39.0000	120.0000
1078229	369.70	370.70	0.0180		0.5000	35.0000	106.0000
1078231	370.70	371.56	0.1620		6.0000	58.0000	254.0000
1078232	371.56	372.06	1.9130		81.0000	532.0000	496.0000

Hole Number: TL11201

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078233	372.06	373.56	0.1010		0.5000	27.0000	83.0000
1078234	373.56	375.06	0.0600		0.5000	14.0000	57.0000
1078235	375.06	375.56	0.0300		0.5000	19.0000	84.0000
1078236	375.56	377.06	0.0310		0.5000	9.0000	88.0000
1078237	377.06	378.56	0.0120		0.5000	9.0000	104.0000
1078238	435.40	436.90	0.0120		0.5000	6.0000	66.0000
1078239	436.90	438.40	0.0200		0.5000	18.0000	69.0000
1078241	438.40	439.30	0.3590		1.0000	69.0000	196.0000
1078242	439.30	440.80	0.0390		0.5000	32.0000	68.0000
1078243	440.80	442.30	0.1020		0.5000	163.0000	247.0000
1078244	449.38	450.88	0.0680		0.5000	29.0000	76.0000
1078245	450.88	452.38	0.1020		0.5000	20.0000	79.0000
1078247	452.38	453.38	0.0840		0.5000	49.0000	147.0000
1078248	453.38	454.38	0.0510		0.5000	43.0000	191.0000
1078249	454.38	455.38	0.0190		0.5000	65.0000	131.0000
1078251	455.38	456.38	0.0350		3.0000	149.0000	253.0000
1078252	456.38	457.25	0.0510		0.5000	61.0000	106.0000
1078253	457.25	458.05	0.1950		0.5000	156.0000	369.0000
1078254	458.05	459.05	0.1210		0.5000	43.0000	111.0000
1078255	459.05	459.65	2.0580		4.0000	872.0000	5863.0000
1078256	459.65	460.30	0.7260		0.5000	130.0000	860.0000
1078257	460.30	461.30	0.5140		0.5000	37.0000	156.0000
1078258	461.30	462.30	0.2070		0.5000	40.0000	132.0000
1078259	462.30	463.30	0.3750		0.5000	34.0000	353.0000
1078261	463.30	464.30	0.2250		0.5000	198.0000	412.0000
1078262	464.30	465.30	0.1670		0.5000	42.0000	118.0000
1078263	465.30	466.30	0.3210		0.5000	61.0000	158.0000
1078264	466.30	467.30	0.1500		0.5000	17.0000	68.0000
1078265	467.30	468.30	0.1110		0.5000	18.0000	85.0000
1078267	468.30	469.30	0.0540		0.5000	30.0000	148.0000
1078268	469.30	470.30	0.2150		0.5000	24.0000	123.0000
1078269	470.30	471.88	0.4080		3.0000	38.0000	180.0000
1078271	471.88	472.64	0.8310		14.0000	264.0000	1091.0000
1078272	472.64	473.30	0.2910		4.0000	144.0000	3167.0000
1078273	473.30	474.30	0.0650		0.5000	25.0000	291.0000
1078274	474.30	475.30	0.2980		0.5000	82.0000	218.0000
1078275	475.30	476.30	0.0710		0.5000	18.0000	86.0000
1078276	476.30	477.30	0.0060		0.5000	11.0000	82.0000
1078277	477.30	478.30	0.0700		4.0000	18.0000	125.0000

Hole Number: TL11201

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078278	478.30	479.30	0.0080		0.5000	13.0000	66.0000
1078279	479.30	480.30	0.0040		0.5000	6.0000	53.0000
1078281	480.30	481.30	0.0050		0.5000	8.0000	65.0000
1078282	481.30	482.30	0.0080		0.5000	12.0000	70.0000
1078283	482.30	483.60	0.0120		1.0000	28.0000	636.0000
1078284	483.60	484.60	0.3450		42.0000	148.0000	527.0000
1078285	484.60	485.60	0.5790		24.0000	773.0000	907.0000
1078287	485.60	486.60	0.2770		4.0000	231.0000	708.0000
1078288	486.60	487.60	0.1010		0.5000	59.0000	111.0000
1078289	487.60	488.60	0.3180		5.0000	284.0000	597.0000
1078291	488.60	489.60	0.0710		0.5000	49.0000	116.0000
1078292	489.60	490.60	0.0260		0.5000	37.0000	98.0000
1078293	490.60	491.13	0.0350		0.5000	14.0000	83.0000
1078294	491.13	492.60	0.0120		0.5000	16.0000	69.0000
1078295	492.60	494.10	0.0060		0.5000	11.0000	67.0000
1078296	494.10	495.60	0.0050		0.5000	14.0000	63.0000
1078297	495.60	496.10	0.0090		0.5000	9.0000	75.0000
1078298	496.10	497.60	0.0070		0.5000	15.0000	63.0000
1078299	497.60	499.10	0.0130		0.5000	12.0000	83.0000
1078301	499.10	500.60	0.0120		0.5000	16.0000	88.0000
1078302	500.60	502.10	0.0100		0.5000	13.0000	69.0000
1078303	502.10	503.73	0.0090		0.5000	10.0000	76.0000
1078304	503.73	505.23	0.0110		0.5000	12.0000	87.0000
1078305	505.23	506.23	0.0060		0.5000	13.0000	53.0000
1078307	506.23	507.23	0.0170		2.0000	35.0000	128.0000
1078308	507.23	508.23	0.0070		0.5000	12.0000	65.0000
1078309	508.23	509.23	0.0090		0.5000	14.0000	113.0000
1078311	509.23	510.23	0.0160		0.5000	15.0000	59.0000
1078312	510.23	511.44	0.0220		0.5000	16.0000	57.0000
1078313	511.44	512.44	0.0450		0.5000	27.0000	190.0000
1078314	512.44	513.44	0.0600		0.5000	53.0000	145.0000
1078315	513.44	514.20	0.0340		0.5000	43.0000	106.0000
1078316	514.20	515.15	0.0430		0.5000	27.0000	81.0000
1078317	515.15	516.15	0.0210		0.5000	110.0000	315.0000
1078318	516.15	517.15	0.0100		0.5000	15.0000	96.0000
1078319	517.15	518.15	0.0100		0.5000	14.0000	91.0000
1078321	518.15	519.15	0.0120		0.5000	28.0000	86.0000
1078322	519.15	520.15	0.0300		0.5000	41.0000	112.0000
1078323	520.15	520.65	0.0870		2.0000	39.0000	91.0000



Hole Number: TL11201

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078324	520.65	521.55	0.1740		14.0000	50.0000	177.0000
1078325	521.55	523.05	0.0360		3.0000	19.0000	111.0000
1078327	523.05	524.55	0.0130		0.5000	7.0000	79.0000
1078328	524.55	526.05	0.0220		0.5000	13.0000	105.0000
1078329	526.05	527.30	0.0950		0.5000	280.0000	320.0000
1078331	527.30	528.80	0.0420		1.0000	128.0000	171.0000
1078332	528.80	530.30	0.0150		0.5000	22.0000	86.0000
1078333	530.30	531.80	0.0960		0.5000	28.0000	143.0000
1078334	531.80	532.50	0.0820		0.5000	18.0000	110.0000
1078335	532.50	534.00	0.0270		0.5000	14.0000	90.0000
1078336	534.00	535.50	0.0220		0.5000	15.0000	93.0000
1078337	535.50	536.43	0.0290		0.5000	13.0000	99.0000
1078338	536.43	537.43	0.2760		0.5000	110.0000	521.0000
1078339	537.43	538.93	0.0320		0.5000	27.0000	100.0000
1078341	538.93	540.00	0.5150		0.5000	59.0000	118.0000
1078342	540.00	541.00	0.0790		0.5000	60.0000	220.0000
1078343	541.00	542.00	0.3350		0.5000	52.0000	635.0000
1078344	542.00	543.00	0.3750		0.5000	40.0000	212.0000
1078345	543.00	544.30	0.5260		0.5000	46.0000	133.0000
1078347	544.30	545.15	0.3970		2.0000	599.0000	1583.0000
1078348	545.15	546.65	0.0770		0.5000	78.0000	188.0000
1078349	546.65	547.55	0.0370		0.5000	22.0000	90.0000
1078351	547.55	548.45	0.0510		0.5000	19.0000	91.0000
1078352	548.45	549.45	0.1510		0.5000	15.0000	254.0000
1078353	549.45	550.45	0.1390		0.5000	19.0000	111.0000
1078354	550.45	551.45	0.0700		0.5000	16.0000	104.0000
1078355	551.45	552.45	0.0590		0.5000	25.0000	348.0000
1078356	552.45	553.45	0.6190		0.5000	76.0000	1322.0000
1078357	553.45	554.45	0.7730		0.5000	49.0000	223.0000
1078358	554.45	555.45	0.1440		0.5000	45.0000	173.0000
1078359	555.45	556.45	0.1460		0.5000	117.0000	443.0000
1078361	556.45	557.45	0.0590		0.5000	46.0000	138.0000
1078362	557.45	558.45	0.0570		0.5000	33.0000	137.0000
1078363	558.45	559.45	0.0350		0.5000	25.0000	98.0000
1078364	559.45	560.45	0.1070		1.0000	34.0000	1236.0000
1078365	560.45	561.45	0.2610		0.5000	92.0000	325.0000
1078367	561.45	562.45	0.0570		0.5000	32.0000	772.0000
1078368	562.45	563.45	0.1340		1.0000	28.0000	948.0000
1078369	563.45	564.43	0.5690		4.0000	67.0000	3610.0000

Hole Number: TL11201

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078371	564.43	565.93	0.0390		0.5000	30.0000	185.0000
1078372	565.93	567.43	0.0270		0.5000	41.0000	166.0000
1078373	567.43	568.93	0.0470		3.0000	350.0000	1666.0000
Sample Type	CDUP						
1078226	366.70	367.70	0.0230		0.5000	25.0000	142.0000
1078246	450.88	452.38	0.1270		0.5000	20.0000	78.0000
1078266	467.30	468.30	0.1520		0.5000	16.0000	91.0000
1078286	484.60	485.60	0.6430		25.0000	602.0000	517.0000
1078306	505.23	506.23	0.0050		0.5000	11.0000	62.0000
1078326	521.55	523.05	0.1620		0.5000	24.0000	110.0000
1078346	543.00	544.30	0.2880		0.5000	45.0000	104.0000
1078366	560.45	561.45	0.4050		1.0000	67.0000	279.0000

# DETAILED LOG

Hole Number: TL11202

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -66.00
Project Number: TMI-TL	North: 5511773.61	North:	Collar Az: 346.00
Location: Zealand Township	East: 527400.41	East:	Length: 267.00
	Elev: 395.18	Elev:	Start Depth: 0.00
Date Started: Jun 03, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jul 05, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 267.00

Comments: MSS main zone from 109.16-147.59m. Less sericitization than whats normally seen in a main zone. Three folds. 9-10% py, 5-6% sph, 4-5% gn, and 2-3% asp. C Zone MSS from 214.15-259.15 m. Strongly sericitized and silicified. 4 fault zones. Larger concentration of sulph stringers near upper contact. 1-2% py, 1% sph and trace asp and po.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	346.00	-66.00	EZ Sho	OK		12.00	346.00	-66.00	EZ Sho	OK	
60.00	347.80	-65.50	EZ Sho	OK		102.00	347.80	-64.50	EZ Sho	OK	
150.00	349.00	-62.80	EZ Sho	OK		204.00	350.10	-61.50	EZ Sho	OK	
267.00	349.70	-59.70	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	3.65	OB, Overburden									
3.65	53.74	BMS, Biotite Muscovite Schist BMS w/ locally abundant fracturing and strong localized altn incl. potassic, ep ch and sph. 2 faults. 7-8% py and 1% asp and sph.	1077733	52.40	53.74	1.34	0.08		0.50	31.00	165.00
53.74	67.48	MSS, Muscovite Sericite Schist Strongly sericitized MSS hanging wall. 8-9% diss py and trace cp and sph. One fold.	1077734	53.74	55.21	1.47	0.05		0.50	29.00	231.00
			1077735	55.21	56.73	1.52	0.06		0.50	54.00	174.00
			1077736	56.73	58.23	1.50	0.04		0.50	41.00	126.00
			1077737	58.23	59.16	0.93	0.14		0.50	44.00	246.00
			1077738	59.16	60.00	0.84	0.02		0.50	20.00	100.00
			1077739	60.00	61.50	1.50	0.03		0.50	28.00	143.00
			1077741	61.50	63.00	1.50	0.07		0.50	36.00	235.00
			1077742	63.00	64.50	1.50	0.11		0.50	69.00	273.00
			1077743	64.50	66.00	1.50	0.23		0.50	56.00	323.00
			1077744	66.00	67.48	1.48	0.05		0.50	25.00	79.00
67.48	81.37	BMS, Biotite Muscovite Schist Typical BMS interval w/ 4-5% diss py, 2-3% asp and trace po.	1077746	67.48	69.00	1.52	0.01		0.50	16.00	75.00
			1077745	67.48	69.00	1.52	0.01		0.50	22.00	76.00
			1077747	79.87	81.37	1.50	0.15		0.50	95.00	146.00

Hole Number: TL11202

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
81.37	92.50	MSS, Muscovite Sericite Schist	1077748	81.37	82.46	1.09	0.26		2.00	1083.00	1246.00
		MSS hanging wall w/ a gradational upper contact. One fold. From 81.37-81.57 m 25% py and 2% galena. Over the rest of the interval 10% py and trace sph and asp.	1077749	82.46	83.65	1.19	0.02		0.50	38.00	363.00
			1077751	83.65	84.80	1.15	0.02		0.50	105.00	238.00
			1077752	84.80	85.98	1.18	0.02		1.00	15.00	116.00
			1077753	85.98	87.18	1.20	0.65		0.50	39.00	144.00
			1077754	87.18	88.68	1.50	0.10		0.50	21.00	50.00
			1077755	88.68	90.26	1.58	0.10		0.50	104.00	168.00
			1077756	90.26	91.76	1.50	0.30		1.00	134.00	352.00
		1077757	91.76	92.50	0.74	0.21		0.50	91.00	372.00	
92.50	109.16	BMS, Biotite Muscovite Schist	1077758	92.50	94.00	1.50	0.11		0.50	79.00	270.00
		BMS interval w/ moderate sericitization and 11% py, 1-2% sph, trace asp and 7% gn from 106.58-106.67 m.	1077759	106.45	107.65	1.20	0.57		3.00	2300.00	4016.00
			1077761	107.65	109.16	1.51	0.02		0.50	71.00	97.00

## DETAILED LOG

Hole Number: TL11202

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
109.16	147.59	MSS, Muscovite Sericite Schist Large MSS main zone. Less sericitized than most main zones. Three folds. 9-10% py, 5-6% sph, 4-5% gn, and 2-3% asp.	1077762	109.16	110.52	1.36	0.30		2.00	3798.00	7919.00
			1077763	110.52	111.98	1.46	1.04		1.00	3467.00	4556.00
			1077764	111.98	113.00	1.02	0.69		0.50	1148.00	1907.00
			1077765	113.00	114.00	1.00	0.45		5.00	4573.00	4550.00
			1077766	113.00	114.00	1.00	0.36		2.00	2927.00	9021.00
			1077767	114.00	115.40	1.40	0.23		2.00	1669.00	1935.00
			1077768	115.40	116.69	1.29	0.24		0.50	1463.00	2582.00
			1077769	116.69	117.69	1.00	0.56		0.50	110.00	227.00
			1077771	117.69	118.69	1.00	0.94		0.50	206.00	460.00
			1077772	118.69	119.79	1.10	0.23		0.50	277.00	964.00
			1077773	119.79	120.79	1.00	0.03		0.50	108.00	292.00
			1077774	120.79	121.79	1.00	0.29		0.50	349.00	522.00
			1077775	121.79	123.08	1.29	0.11		1.00	1716.00	2940.00
			1077776	123.08	124.55	1.47	0.14		0.50	1236.00	1025.00
			1077777	124.55	125.55	1.00	0.19		0.50	182.00	220.00
			1077778	125.55	126.55	1.00	0.27		0.50	232.00	431.00
			1077779	126.55	127.33	0.78	0.34		0.50	545.00	785.00
			1077781	127.33	128.59	1.26	3.08	2.91	31.00	3234.00	9239.00
			1077782	128.59	129.59	1.00	0.12		0.50	76.00	156.00
			1077783	129.59	130.62	1.03	0.13		0.50	832.00	793.00
			1077784	130.62	131.62	1.00	0.03		0.50	355.00	803.00
			1077785	131.62	132.72	1.10	0.12		0.50	632.00	906.00
			1077786	131.62	132.72	1.10	0.13		0.50	857.00	857.00
			1077787	132.72	133.72	1.00	0.21		0.50	166.00	175.00
			1077788	133.72	134.72	1.00	1.05		0.50	1012.00	1368.00
			1077789	134.72	135.72	1.00	0.13		2.00	1374.00	2101.00
			1077791	135.72	136.78	1.06	0.09		1.00	270.00	1048.00
			1077792	136.78	137.78	1.00	0.64		0.50	442.00	1169.00
			1077793	137.78	138.78	1.00	0.32		0.50	759.00	1401.00
			1077794	138.78	139.94	1.16	0.10		0.50	323.00	4794.00
			1077795	139.94	141.46	1.52	0.50		0.50	564.00	968.00
			1077796	141.46	142.46	1.00	0.16		0.50	97.00	217.00
			1077797	142.46	143.46	1.00	0.07		0.50	59.00	117.00
			1077798	143.46	144.46	1.00	0.11		0.50	91.00	222.00
			1077799	144.46	145.46	1.00	0.11		0.50	286.00	181.00
			1077801	145.46	146.46	1.00	0.09		0.50	142.00	322.00
			1077802	146.46	147.59	1.13	0.08		1.00	72.00	145.00
147.59	155.90	BMS, Biotite Muscovite Schist Weakly sericitized BMS intercal w/ 1-2% py, 1% asp and trace sph.	1077803	147.59	149.04	1.45	0.10		0.50	59.00	147.00
			1077804	149.04	150.54	1.50	0.25		0.50	55.00	263.00
155.90	163.50	MD, Mafic Dyke Mafic dyke seperating BMS interval.	1077805	160.98	162.46	1.48	0.95		0.50	529.00	1291.00
			1077806	160.98	162.46	1.48	0.37		2.00	763.00	2064.00

# DETAILED LOG

Hole Number: TL11202

Units: METRIC

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
163.50	178.62	BMS, Biotite Muscovite Schist BMS interval divided by mafic dykes w/ increased altn adj to qtz veining. 1-2% py, 1% sph and trace cp and asp.									
178.62	178.98	MD, Mafic Dyke Mafic dyke w/ trace py.									
178.98	214.15	BMS, Biotite Muscovite Schist BMS interval below the mafic dyke. Patchy weak sericitization. 1-2% py, 1% sph and trace po and asp.	1077807	211.18	212.64	1.46	0.00		0.50	47.00	186.0
			1077808	212.64	214.15	1.51	0.01		0.50	61.00	127.0

DETAILED LOG

Hole Number: TL11202

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
214.15	259.15	MSS, Muscovite Sericite Schist C Zone MSS. Strongly sericitized and silicified. 4 fault zones. Larger concentration of sulph stringers near upper contact. 1-2% py, 1% sph and trace asp and po.	1077809	214.15	215.60	1.45	0.21		0.50	318.00	1323.00
			1077811	215.60	216.53	0.93	0.90		7.00	528.00	3271.00
			1077812	216.53	217.53	1.00	0.27		0.50	50.00	197.00
			1077813	217.53	218.63	1.10	0.01		0.50	37.00	100.00
			1077814	218.63	219.63	1.00	0.05		0.50	38.00	109.00
			1077815	219.63	220.63	1.00	0.07		0.50	36.00	193.00
			1077816	220.63	221.63	1.00	0.01		0.50	57.00	153.00
			1077817	221.63	222.94	1.31	0.01		0.50	0.50	19.00
			1077818	222.94	224.02	1.08	0.25		0.50	48.00	131.00
			1077819	224.02	225.23	1.21	0.02		0.50	16.00	92.00
			1077821	225.23	226.23	1.00	0.01		0.50	32.00	108.00
			1077822	226.23	227.46	1.23	0.00		0.50	40.00	95.00
			1077823	227.46	228.46	1.00	0.03		0.50	34.00	72.00
			1077824	228.46	229.46	1.00	0.90		0.50	134.00	501.00
			1077825	229.46	230.46	1.00	0.00		0.50	43.00	122.00
			1077826	229.46	230.46	1.00	0.00		0.50	53.00	109.00
			1077827	230.46	231.55	1.09	0.00		0.50	39.00	96.00
			1077828	231.55	232.55	1.00	0.46		0.50	28.00	73.00
			1077829	232.55	233.55	1.00	0.20		0.50	38.00	100.00
			1077831	233.55	234.55	1.00	0.47		0.50	40.00	104.00
			1077832	234.55	235.55	1.00	0.35		0.50	29.00	76.00
			1077833	235.55	236.49	0.94	0.06		0.50	33.00	111.00
			1077834	236.49	237.54	1.05	0.22		0.50	17.00	69.00
			1077835	237.54	238.54	1.00	0.10		0.50	16.00	104.00
			1077836	238.54	239.54	1.00	0.15		0.50	28.00	53.00
			1077837	239.54	240.54	1.00	0.18		0.50	32.00	52.00
			1077838	240.54	241.66	1.12	0.27		0.50	51.00	185.00
			1077839	241.66	242.70	1.04	0.01		0.50	21.00	112.00
			1077841	242.70	244.11	1.41	0.00		0.50	19.00	81.00
			1077842	244.11	245.11	1.00	0.01		0.50	15.00	80.00
			1077843	245.11	246.11	1.00	0.00		0.50	15.00	64.00
			1077844	246.11	247.07	0.96	0.01		0.50	16.00	71.00
		1077845	247.07	248.07	1.00	0.01		0.50	13.00	88.00	
		1077846	247.07	248.07	1.00	0.01		0.50	12.00	86.00	
		1077847	248.07	249.07	1.00	0.00		0.50	9.00	77.00	
		1077848	249.07	250.07	1.00	0.01		0.50	13.00	94.00	
		1077849	250.07	251.03	0.96	0.01		0.50	15.00	76.00	
		1077851	251.03	251.93	0.90	0.01		0.50	14.00	59.00	
		1077852	251.93	252.93	1.00	0.04		0.50	14.00	75.00	
		1077853	252.93	254.00	1.07	0.01		0.50	12.00	62.00	
		1077854	254.00	255.00	1.00	0.02		0.50	29.00	2775.00	
		1077855	255.00	256.00	1.00	0.03		0.50	28.00	141.00	
		1077856	256.00	257.00	1.00	0.05		0.50	16.00	77.00	

DETAILED LOG

Hole Number: TL11202

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1077857	257.00	258.00	1.00	0.01		0.50	43.00	87.00
			1077858	258.00	259.15	1.15	0.61		0.50	76.00	147.00
259.15	267.00	BMS, Biotite Muscovite Schist BMS interval w/ strong silicification and weak sericitization. 3% py and asp.	1077859	259.15	260.24	1.09	0.05		0.50	30.00	101.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type ASSAY							
1077733	52.40	53.74	0.0770		0.5000	31.0000	165.0000
1077734	53.74	55.21	0.0530		0.5000	29.0000	231.0000
1077735	55.21	56.73	0.0620		0.5000	54.0000	174.0000
1077736	56.73	58.23	0.0420		0.5000	41.0000	126.0000
1077737	58.23	59.16	0.1350		0.5000	44.0000	246.0000
1077738	59.16	60.00	0.0190		0.5000	20.0000	100.0000
1077739	60.00	61.50	0.0300		0.5000	28.0000	143.0000
1077741	61.50	63.00	0.0730		0.5000	36.0000	235.0000
1077742	63.00	64.50	0.1130		0.5000	69.0000	273.0000
1077743	64.50	66.00	0.2270		0.5000	56.0000	323.0000
1077744	66.00	67.48	0.0540		0.5000	25.0000	79.0000
1077745	67.48	69.00	0.0100		0.5000	22.0000	76.0000
1077747	79.87	81.37	0.1470		0.5000	95.0000	146.0000
1077748	81.37	82.46	0.2620		2.0000	1083.0000	1246.0000
1077749	82.46	83.65	0.0150		0.5000	38.0000	363.0000
1077751	83.65	84.80	0.0150		0.5000	105.0000	238.0000
1077752	84.80	85.98	0.0190		1.0000	15.0000	116.0000
1077753	85.98	87.18	0.6460		0.5000	39.0000	144.0000
1077754	87.18	88.68	0.1010		0.5000	21.0000	50.0000
1077755	88.68	90.26	0.1040		0.5000	104.0000	168.0000
1077756	90.26	91.76	0.2960		1.0000	134.0000	352.0000
1077757	91.76	92.50	0.2080		0.5000	91.0000	372.0000
1077758	92.50	94.00	0.1130		0.5000	79.0000	270.0000
1077759	106.45	107.65	0.5680		3.0000	2300.0000	4016.0000
1077761	107.65	109.16	0.0180		0.5000	71.0000	97.0000
1077762	109.16	110.52	0.3030		2.0000	3798.0000	7919.0000
1077763	110.52	111.98	1.0390		1.0000	3467.0000	4556.0000
1077764	111.98	113.00	0.6850		0.5000	1148.0000	1907.0000
1077765	113.00	114.00	0.4530		5.0000	4573.0000	4550.0000
1077767	114.00	115.40	0.2290		2.0000	1669.0000	1935.0000
1077768	115.40	116.69	0.2390		0.5000	1463.0000	2582.0000
1077769	116.69	117.69	0.5630		0.5000	110.0000	227.0000



Hole Number: TL11202

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077771	117.69	118.69	0.9390		0.5000	206.0000	460.0000
1077772	118.69	119.79	0.2320		0.5000	277.0000	964.0000
1077773	119.79	120.79	0.0300		0.5000	108.0000	292.0000
1077774	120.79	121.79	0.2890		0.5000	349.0000	522.0000
1077775	121.79	123.08	0.1130		1.0000	1716.0000	2940.0000
1077776	123.08	124.55	0.1430		0.5000	1236.0000	1025.0000
1077777	124.55	125.55	0.1890		0.5000	182.0000	220.0000
1077778	125.55	126.55	0.2670		0.5000	232.0000	431.0000
1077779	126.55	127.33	0.3420		0.5000	545.0000	785.0000
1077781	127.33	128.59	3.0760	2.9140	31.0000	3234.0000	9239.0000
1077782	128.59	129.59	0.1200		0.5000	76.0000	156.0000
1077783	129.59	130.62	0.1270		0.5000	832.0000	793.0000
1077784	130.62	131.62	0.0280		0.5000	355.0000	803.0000
1077785	131.62	132.72	0.1200		0.5000	632.0000	906.0000
1077787	132.72	133.72	0.2100		0.5000	166.0000	175.0000
1077788	133.72	134.72	1.0480		0.5000	1012.0000	1368.0000
1077789	134.72	135.72	0.1250		2.0000	1374.0000	2101.0000
1077791	135.72	136.78	0.0930		1.0000	270.0000	1048.0000
1077792	136.78	137.78	0.6380		0.5000	442.0000	1169.0000
1077793	137.78	138.78	0.3220		0.5000	759.0000	1401.0000
1077794	138.78	139.94	0.0960		0.5000	323.0000	4794.0000
1077795	139.94	141.46	0.5030		0.5000	564.0000	968.0000
1077796	141.46	142.46	0.1600		0.5000	97.0000	217.0000
1077797	142.46	143.46	0.0740		0.5000	59.0000	117.0000
1077798	143.46	144.46	0.1070		0.5000	91.0000	222.0000
1077799	144.46	145.46	0.1140		0.5000	286.0000	181.0000
1077801	145.46	146.46	0.0930		0.5000	142.0000	322.0000
1077802	146.46	147.59	0.0780		1.0000	72.0000	145.0000
1077803	147.59	149.04	0.0980		0.5000	59.0000	147.0000
1077804	149.04	150.54	0.2460		0.5000	55.0000	263.0000
1077805	160.98	162.46	0.9480		0.5000	529.0000	1291.0000
1077807	211.18	212.64	0.0005		0.5000	47.0000	186.0000
1077808	212.64	214.15	0.0050		0.5000	61.0000	127.0000
1077809	214.15	215.60	0.2080		0.5000	318.0000	1323.0000
1077811	215.60	216.53	0.8960		7.0000	528.0000	3271.0000
1077812	216.53	217.53	0.2660		0.5000	50.0000	197.0000
1077813	217.53	218.63	0.0110		0.5000	37.0000	100.0000
1077814	218.63	219.63	0.0480		0.5000	38.0000	109.0000
1077815	219.63	220.63	0.0730		0.5000	36.0000	193.0000

Hole Number: TL11202

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077816	220.63	221.63	0.0130		0.5000	57.0000	153.0000
1077817	221.63	222.94	0.0090		0.5000	0.5000	19.0000
1077818	222.94	224.02	0.2510		0.5000	48.0000	131.0000
1077819	224.02	225.23	0.0160		0.5000	16.0000	92.0000
1077821	225.23	226.23	0.0110		0.5000	32.0000	108.0000
1077822	226.23	227.46	0.0005		0.5000	40.0000	95.0000
1077823	227.46	228.46	0.0290		0.5000	34.0000	72.0000
1077824	228.46	229.46	0.8950		0.5000	134.0000	501.0000
1077825	229.46	230.46	0.0005		0.5000	43.0000	122.0000
1077827	230.46	231.55	0.0005		0.5000	39.0000	96.0000
1077828	231.55	232.55	0.4580		0.5000	28.0000	73.0000
1077829	232.55	233.55	0.2040		0.5000	38.0000	100.0000
1077831	233.55	234.55	0.4710		0.5000	40.0000	104.0000
1077832	234.55	235.55	0.3450		0.5000	29.0000	76.0000
1077833	235.55	236.49	0.0630		0.5000	33.0000	111.0000
1077834	236.49	237.54	0.2150		0.5000	17.0000	69.0000
1077835	237.54	238.54	0.1010		0.5000	16.0000	104.0000
1077836	238.54	239.54	0.1530		0.5000	28.0000	53.0000
1077837	239.54	240.54	0.1780		0.5000	32.0000	52.0000
1077838	240.54	241.66	0.2660		0.5000	51.0000	185.0000
1077839	241.66	242.70	0.0110		0.5000	21.0000	112.0000
1077841	242.70	244.11	0.0040		0.5000	19.0000	81.0000
1077842	244.11	245.11	0.0070		0.5000	15.0000	80.0000
1077843	245.11	246.11	0.0030		0.5000	15.0000	64.0000
1077844	246.11	247.07	0.0060		0.5000	16.0000	71.0000
1077845	247.07	248.07	0.0050		0.5000	13.0000	88.0000
1077847	248.07	249.07	0.0040		0.5000	9.0000	77.0000
1077848	249.07	250.07	0.0080		0.5000	13.0000	94.0000
1077849	250.07	251.03	0.0050		0.5000	15.0000	76.0000
1077851	251.03	251.93	0.0110		0.5000	14.0000	59.0000
1077852	251.93	252.93	0.0390		0.5000	14.0000	75.0000
1077853	252.93	254.00	0.0130		0.5000	12.0000	62.0000
1077854	254.00	255.00	0.0230		0.5000	29.0000	2775.0000
1077855	255.00	256.00	0.0340		0.5000	28.0000	141.0000
1077856	256.00	257.00	0.0530		0.5000	16.0000	77.0000
1077857	257.00	258.00	0.0130		0.5000	43.0000	87.0000
1077858	258.00	259.15	0.6070		0.5000	76.0000	147.0000
1077859	259.15	260.24	0.0460		0.5000	30.0000	101.0000

Hole Number: TL11202

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	CDUP						
1077746	67.48	69.00	0.0120		0.5000	16.0000	75.0000
1077766	113.00	114.00	0.3590		2.0000	2927.0000	9021.0000
1077786	131.62	132.72	0.1280		0.5000	857.0000	857.0000
1077806	160.98	162.46	0.3720		2.0000	763.0000	2064.0000
1077826	229.46	230.46	0.0005		0.5000	53.0000	109.0000
1077846	247.07	248.07	0.0070		0.5000	12.0000	86.0000

# DETAILED LOG

Hole Number: TL11203 Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511674.19	North:	Collar Az: 340.00
Location: Zealand Township	East: 527877.07	East:	Length: 507.00
	Elev: 395.23	Elev:	Start Depth: 0.00
Date Started: Jul 05, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Sep 07, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 507.00

Comments: MSS main zone from 348.34-387.14 m. Contains strong silicification but less sericitization than most main zones. Numerous folds and one fault. Sulph stringers are concentrated near upper and lower contacts in larger patches of stronger sericitization. 9-10% py, 2-3% sph and asp, 1-2% gn and trace cp.

### Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	333.00	-66.00	EZ Sho	OK		12.00	333.40	-65.50	EZ Sho	OK	
51.00	335.40	-65.30	EZ Sho	OK		102.00	337.80	-64.80	EZ Sho	OK	
156.00	338.50	-63.40	EZ Sho	OK		203.00	339.70	-62.00	EZ Sho	OK	
255.00	340.00	-61.00	EZ Sho	OK		303.00	341.90	-60.10	EZ Sho	OK	
354.00	341.80	-56.70	EZ Sho	OK		408.00	343.50	-54.10	EZ Sho	OK	
453.00	343.30	-52.50	EZ Sho	OK		507.00	342.90	-49.80	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	3.15	OB, Overburden									
3.15	9.07	BS, Biotite Schist Biotite Schist w/ 3-4% diss py.									
9.07	238.27	BMS, Biotite Muscovite Schist BMS interval w/ local altn around some faults. Abundant faulting from 81.81-130.06 m. 2-3% py to 101.75 m, 5-6% py to 238.27 m. Gradational lower contact.	1077861	236.75	238.27	1.52	0.40		1.00	34.00	89.00
238.27	251.90	MSS, Muscovite Sericite Schist Very strongly sericitized MSS hanging wall w/ 5-6% py. A couple purple qtz veins.	1077862	238.27	239.09	0.82	0.02		1.00	17.00	48.00
			1077863	239.09	240.48	1.39	0.01		1.00	20.00	49.00
			1077864	240.48	241.42	0.94	0.02		1.00	39.00	51.00
			1077866	241.42	242.92	1.50	0.02		2.00	21.00	48.00
			1077865	241.42	242.92	1.50	0.01		2.00	20.00	49.00
			1077867	242.92	244.42	1.50	0.02		1.00	28.00	81.00
			1077868	244.42	245.87	1.45	0.01		2.00	33.00	51.00
			1077869	245.87	247.33	1.46	0.03		2.00	43.00	143.00
			1077871	247.33	248.83	1.50	0.03		2.00	47.00	43.00
			1077872	248.83	250.33	1.50	0.04		2.00	51.00	166.00
			1077873	250.33	251.90	1.57	0.02		1.00	39.00	53.00

# DETAILED LOG

Hole Number: TL11203

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
251.90	291.00	BMS, Biotite Muscovite Schist BMS interval w/ the lower half moderate sericitized as it grades into the MSS. Core has an overall green tint due to ch altn. Most visible in the lower half of the interval due to increased ser altn. 7-8% py, 1% sph and trace asp.	1077874	251.90	253.40	1.50	0.01		1.00	53.00	84.00
			1077875	289.50	291.00	1.50	0.02		1.00	53.00	81.00
291.00	318.31	MSS, Muscovite Sericite Schist Very strongly sericitized MSS hanging wall w/ 3-4% py, 1% sph and trace gn.	1077876	291.00	292.00	1.00	0.00		0.50	35.00	59.00
			1077877	292.00	292.85	0.85	0.01		0.50	29.00	61.00
			1077878	292.85	293.93	1.08	0.09		3.00	225.00	6598.00
			1077879	293.93	295.33	1.40	0.05		2.00	81.00	442.00
			1077881	295.33	296.75	1.42	0.07		2.00	104.00	255.00
			1077882	296.75	298.27	1.52	0.09		3.00	88.00	332.00
			1077883	298.27	299.87	1.60	0.05		3.00	81.00	498.00
			1077884	299.87	301.27	1.40	0.02		2.00	98.00	353.00
			1077886	301.27	302.77	1.50	0.03		1.00	63.00	189.00
			1077885	301.27	302.77	1.50	0.03		2.00	66.00	155.00
			1077887	302.77	304.27	1.50	0.02		1.00	129.00	398.00
			1077888	304.27	305.77	1.50	0.02		1.00	53.00	152.00
			1077889	305.77	307.27	1.50	0.01		1.00	42.00	59.00
			1077891	307.27	308.77	1.50	0.01		1.00	55.00	82.00
			1077892	308.77	310.27	1.50	0.01		0.50	21.00	31.00
			1077893	310.27	311.77	1.50	0.01		1.00	44.00	35.00
			1077894	311.77	313.27	1.50	0.01		0.50	37.00	42.00
1077895	313.27	314.77	1.50	0.01		1.00	62.00	147.00			
1077896	314.77	316.27	1.50	0.01		0.50	26.00	44.00			
1077897	316.27	317.27	1.00	0.01		0.50	18.00	66.00			
1077898	317.27	318.31	1.04	0.02		0.50	30.00	72.00			
318.31	348.34	BMS, Biotite Muscovite Schist BMS w/ weak to strong ser altn. Moderate to strong silicification. 7-8% py, 4-5% asp, 1% sph and trace cp.	1077899	318.31	319.81	1.50	0.05		1.00	35.00	67.00
			1077901	346.34	347.34	1.00	0.09		2.00	50.00	297.00
			1077902	347.34	348.34	1.00	0.05		1.00	35.00	71.00

DETAILED LOG

Hole Number: TL11203

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
348.34	387.14	MSS, Muscovite Sericite Schist	1077903	348.34	349.34	1.00	0.05		0.50	34.00	45.00
		MSS main zone w/ strong silicification but less sericitization than most main zones. Numerous folds and one fault. Sulph stringers are concentrated near upper and lower contacts in larger patches of stronger sericitization. 9-10% py, 2-3% sph and asp, 1-2% gn and trace cp.	1077904	349.34	350.43	1.09	1.00		2.00	286.00	554.00
			1077905	350.43	351.48	1.05	0.76		2.00	416.00	1875.00
			1077906	350.43	351.48	1.05	0.39		2.00	295.00	683.00
			1077907	351.48	352.48	1.00	0.21		2.00	227.00	601.00
			1077908	352.48	353.62	1.14	0.41		2.00	383.00	310.00
			1077909	353.62	354.46	0.84	0.10		1.00	61.00	83.00
			1077911	354.46	355.46	1.00	0.47		2.00	151.00	1734.00
			1077912	355.46	356.67	1.21	0.07		0.50	27.00	59.00
			1077913	356.67	357.67	1.00	0.65		2.00	27.00	137.00
			1077914	357.67	358.45	0.78	0.83		2.00	51.00	101.00
			1077915	358.45	359.30	0.85	0.91		3.00	156.00	369.00
			1077916	359.30	360.30	1.00	0.57		2.00	44.00	95.00
			1077917	360.30	361.23	0.93	0.19		2.00	35.00	73.00
			1077918	361.23	362.27	1.04	0.41		5.00	51.00	116.00
			1077919	362.27	363.27	1.00	0.05		2.00	26.00	78.00
			1077921	363.27	364.59	1.32	0.02		2.00	25.00	71.00
			1077922	364.59	365.55	0.96	0.02		2.00	21.00	63.00
			1077923	365.55	366.50	0.95	0.04		1.00	18.00	70.00
			1077924	366.50	367.50	1.00	0.03		1.00	25.00	107.00
			1077926	367.50	368.50	1.00	0.02		2.00	45.00	107.00
			1077925	367.50	368.50	1.00	0.01		2.00	52.00	130.00
			1077927	368.50	369.50	1.00	0.01		2.00	18.00	57.00
			1077928	369.50	370.50	1.00	0.02		2.00	18.00	69.00
			1077929	370.50	371.78	1.28	0.06		2.00	29.00	74.00
			1077931	371.78	373.23	1.45	0.09		4.00	92.00	193.00
			1077932	373.23	374.03	0.80	0.12		3.00	35.00	299.00
			1077933	374.03	375.20	1.17	0.03		2.00	25.00	76.00
			1077934	375.20	376.20	1.00	1.03		1.00	48.00	78.00
			1077935	376.20	377.20	1.00	0.59		2.00	127.00	118.00
			1077936	377.20	378.20	1.00	5.82	4.57	17.00	482.00	2646.00
			1077937	378.20	379.30	1.10	0.22		3.00	107.00	206.00
			1077938	379.30	380.34	1.04	0.05		1.00	34.00	81.00
			1077939	380.34	381.24	0.90	0.03		1.00	25.00	65.00
			1077941	381.24	382.24	1.00	0.05		2.00	60.00	130.00
			1077942	382.24	383.30	1.06	0.29		2.00	160.00	540.00
			1077943	383.30	384.20	0.90	0.48		2.00	114.00	231.00
			1077944	384.20	385.20	1.00	0.68		5.00	120.00	285.00
			1077945	385.20	386.20	1.00	0.26		4.00	171.00	236.00
			1077946	385.20	386.20	1.00	0.33		4.00	101.00	203.00
			1077947	386.20	387.14	0.94	0.16		2.00	32.00	106.00

DETAILED LOG

Hole Number: TL11203

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
387.14	408.19	BMS, Biotite Muscovite Schist	1077948	387.14	388.14	1.00	0.11		2.00	39.00	158.00
		Weakly sericitized and moderate-strongly silicified BMS interval. 4-5% py and trace asp.	1077949	388.14	389.70	1.56	0.01		1.00	15.00	51.00
			1077951	406.70	408.19	1.49	0.04		2.00	16.00	48.00
408.19	417.00	MSS, Muscovite Sericite Schist	1077952	408.19	409.70	1.51	0.02		1.00	16.00	37.00
		Very strongly sericitized MSS footwall w/ one microfault. 8-9% diss py.	1077953	409.70	411.26	1.56	0.02		1.00	21.00	39.00
			1077954	411.26	412.76	1.50	0.03		1.00	28.00	89.00
			1077955	412.76	414.26	1.50	0.09		1.00	80.00	188.00
			1077956	414.26	415.66	1.40	0.06		3.00	80.00	291.00
			1077957	415.66	417.00	1.34	0.18		1.00	33.00	177.00
417.00	460.97	BMS, Biotite Muscovite Schist	1077958	417.00	418.50	1.50	0.03		2.00	40.00	191.00
		Weakly sericitized BMS interval w/ a greater conc. of stringers near the upper contact. 9-10% py, 1% sph, ank, and asp and trace galena.	1077959	443.54	444.54	1.00	0.03		4.00	370.00	1310.00
			1077961	460.92	460.97	0.05	0.02		1.00	20.00	79.00

DETAILED LOG

Hole Number: TL11203

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
460.97	492.70	MSS, Muscovite Sericite Schist Very weakly sericitized MSS C-zone w/ moderate to strong silicification. Fault zone at the lower contact. There is a greater concentration of sulph stringers at the upper and lower contacts. 10-11% py from the upper contact to 472 m. 8-9% py from 472-492.7 m. 2-3% asp and 1% sph.	1077962	460.97	461.84	0.87	0.02		0.50	36.00	66.00
			1077963	461.84	462.84	1.00	0.46		5.00	321.00	1487.00
			1077964	462.84	463.62	0.78	0.08		1.00	33.00	86.00
			1077965	463.62	464.54	0.92	0.10		1.00	46.00	125.00
			1077966	463.62	464.54	0.92	0.12		2.00	48.00	102.00
			1077967	464.54	465.14	0.60	0.09		2.00	48.00	334.00
			1077968	465.14	466.14	1.00	0.10		1.00	50.00	122.00
			1077969	466.14	467.19	1.05	0.07		1.00	46.00	116.00
			1077971	467.19	468.19	1.00	0.09		1.00	50.00	1973.00
			1077972	468.19	469.12	0.93	0.16		2.00	61.00	101.00
			1077973	469.12	470.12	1.00	0.13		1.00	60.00	317.00
			1077974	470.12	471.12	1.00	0.07		1.00	41.00	183.00
			1077975	471.12	472.12	1.00	0.06		1.00	44.00	120.00
			1077976	472.12	473.08	0.96	0.10		1.00	33.00	100.00
			1077977	473.08	474.12	1.04	0.06		2.00	35.00	95.00
			1077978	474.12	475.12	1.00	0.06		2.00	36.00	133.00
			1077979	475.12	476.34	1.22	0.18		2.00	35.00	94.00
			1077981	476.34	477.26	0.92	0.08		1.00	38.00	108.00
			1077982	477.26	478.26	1.00	0.13		1.00	22.00	90.00
			1077983	478.26	479.26	1.00	0.06		2.00	54.00	101.00
			1077984	479.26	480.20	0.94	0.04		1.00	29.00	97.00
			1077986	480.20	481.24	1.04	0.07		2.00	243.00	540.00
			1077985	480.20	481.24	1.04	0.05		2.00	307.00	545.00
		1077987	481.24	481.74	0.50	0.41		3.00	199.00	915.00	
		1077988	481.74	482.74	1.00	0.06		1.00	31.00	95.00	
		1077989	482.74	483.43	0.69	0.05		0.50	34.00	90.00	
		1077991	483.43	484.56	1.13	0.02		1.00	60.00	87.00	
		1077992	484.56	485.56	1.00	0.03		0.50	56.00	91.00	
		1077993	485.56	486.26	0.70	0.05		0.50	38.00	75.00	
		1077994	486.26	487.17	0.91	0.04		1.00	37.00	82.00	
		1077995	487.17	488.13	0.96	0.08		1.00	55.00	114.00	
		1077996	488.13	489.37	1.24	0.10		1.00	63.00	130.00	
		1077997	489.37	490.47	1.10	0.04		0.50	40.00	92.00	
		1077998	490.47	491.87	1.40	0.04		0.50	29.00	81.00	
		1077999	491.87	492.70	0.83	0.08		1.00	137.00	247.00	
492.70	507.00	BMS, Biotite Muscovite Schist	1079001	492.70	494.15	1.45	0.01		0.50	16.00	56.00
			1079002	494.15	495.56	1.41	0.01		0.50	16.00	74.00
			1079003	495.56	497.15	1.59	0.01		1.00	19.00	71.00



Hole Number: TL11203

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077861	236.75	238.27	0.4000		1.0000	34.0000	89.0000
1077862	238.27	239.09	0.0200		1.0000	17.0000	48.0000
1077863	239.09	240.48	0.0140		1.0000	20.0000	49.0000
1077864	240.48	241.42	0.0180		1.0000	39.0000	51.0000
1077865	241.42	242.92	0.0140		2.0000	20.0000	49.0000
1077867	242.92	244.42	0.0180		1.0000	28.0000	81.0000
1077868	244.42	245.87	0.0120		2.0000	33.0000	51.0000
1077869	245.87	247.33	0.0290		2.0000	43.0000	143.0000
1077871	247.33	248.83	0.0300		2.0000	47.0000	43.0000
1077872	248.83	250.33	0.0410		2.0000	51.0000	166.0000
1077873	250.33	251.90	0.0160		1.0000	39.0000	53.0000
1077874	251.90	253.40	0.0080		1.0000	53.0000	84.0000
1077875	289.50	291.00	0.0170		1.0000	53.0000	81.0000
1077876	291.00	292.00	0.0030		0.5000	35.0000	59.0000
1077877	292.00	292.85	0.0050		0.5000	29.0000	61.0000
1077878	292.85	293.93	0.0930		3.0000	225.0000	6598.0000
1077879	293.93	295.33	0.0450		2.0000	81.0000	442.0000
1077881	295.33	296.75	0.0720		2.0000	104.0000	255.0000
1077882	296.75	298.27	0.0910		3.0000	88.0000	332.0000
1077883	298.27	299.87	0.0490		3.0000	81.0000	498.0000
1077884	299.87	301.27	0.0230		2.0000	98.0000	353.0000
1077885	301.27	302.77	0.0320		2.0000	66.0000	155.0000
1077887	302.77	304.27	0.0220		1.0000	129.0000	398.0000
1077888	304.27	305.77	0.0190		1.0000	53.0000	152.0000
1077889	305.77	307.27	0.0090		1.0000	42.0000	59.0000
1077891	307.27	308.77	0.0080		1.0000	55.0000	82.0000
1077892	308.77	310.27	0.0070		0.5000	21.0000	31.0000
1077893	310.27	311.77	0.0100		1.0000	44.0000	35.0000
1077894	311.77	313.27	0.0050		0.5000	37.0000	42.0000
1077895	313.27	314.77	0.0090		1.0000	62.0000	147.0000
1077896	314.77	316.27	0.0070		0.5000	26.0000	44.0000
1077897	316.27	317.27	0.0140		0.5000	18.0000	66.0000
1077898	317.27	318.31	0.0150		0.5000	30.0000	72.0000
1077899	318.31	319.81	0.0500		1.0000	35.0000	67.0000
1077901	346.34	347.34	0.0900		2.0000	50.0000	297.0000
1077902	347.34	348.34	0.0500		1.0000	35.0000	71.0000
1077903	348.34	349.34	0.0540		0.5000	34.0000	45.0000
1077904	349.34	350.43	1.0020		2.0000	286.0000	554.0000
1077905	350.43	351.48	0.7610		2.0000	416.0000	1875.0000

Hole Number: TL11203

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077907	351.48	352.48	0.2080		2.0000	227.0000	601.0000
1077908	352.48	353.62	0.4120		2.0000	383.0000	310.0000
1077909	353.62	354.46	0.0970		1.0000	61.0000	83.0000
1077911	354.46	355.46	0.4720		2.0000	151.0000	1734.0000
1077912	355.46	356.67	0.0650		0.5000	27.0000	59.0000
1077913	356.67	357.67	0.6460		2.0000	27.0000	137.0000
1077914	357.67	358.45	0.8260		2.0000	51.0000	101.0000
1077915	358.45	359.30	0.9110		3.0000	156.0000	369.0000
1077916	359.30	360.30	0.5720		2.0000	44.0000	95.0000
1077917	360.30	361.23	0.1890		2.0000	35.0000	73.0000
1077918	361.23	362.27	0.4110		5.0000	51.0000	116.0000
1077919	362.27	363.27	0.0450		2.0000	26.0000	78.0000
1077921	363.27	364.59	0.0200		2.0000	25.0000	71.0000
1077922	364.59	365.55	0.0220		2.0000	21.0000	63.0000
1077923	365.55	366.50	0.0360		1.0000	18.0000	70.0000
1077924	366.50	367.50	0.0260		1.0000	25.0000	107.0000
1077925	367.50	368.50	0.0140		2.0000	52.0000	130.0000
1077927	368.50	369.50	0.0130		2.0000	18.0000	57.0000
1077928	369.50	370.50	0.0210		2.0000	18.0000	69.0000
1077929	370.50	371.78	0.0550		2.0000	29.0000	74.0000
1077931	371.78	373.23	0.0860		4.0000	92.0000	193.0000
1077932	373.23	374.03	0.1180		3.0000	35.0000	299.0000
1077933	374.03	375.20	0.0290		2.0000	25.0000	76.0000
1077934	375.20	376.20	1.0260		1.0000	48.0000	78.0000
1077935	376.20	377.20	0.5880		2.0000	127.0000	118.0000
1077936	377.20	378.20	5.8230	4.5740	17.0000	482.0000	2646.0000
1077937	378.20	379.30	0.2230		3.0000	107.0000	206.0000
1077938	379.30	380.34	0.0450		1.0000	34.0000	81.0000
1077939	380.34	381.24	0.0320		1.0000	25.0000	65.0000
1077941	381.24	382.24	0.0520		2.0000	60.0000	130.0000
1077942	382.24	383.30	0.2920		2.0000	160.0000	540.0000
1077943	383.30	384.20	0.4800		2.0000	114.0000	231.0000
1077944	384.20	385.20	0.6760		5.0000	120.0000	285.0000
1077945	385.20	386.20	0.2550		4.0000	171.0000	236.0000
1077947	386.20	387.14	0.1570		2.0000	32.0000	106.0000
1077948	387.14	388.14	0.1100		2.0000	39.0000	158.0000
1077949	388.14	389.70	0.0110		1.0000	15.0000	51.0000
1077951	406.70	408.19	0.0370		2.0000	16.0000	48.0000
1077952	408.19	409.70	0.0160		1.0000	16.0000	37.0000

Hole Number: TL11203

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077953	409.70	411.26	0.0150		1.0000	21.0000	39.0000
1077954	411.26	412.76	0.0310		1.0000	28.0000	89.0000
1077955	412.76	414.26	0.0890		1.0000	80.0000	188.0000
1077956	414.26	415.66	0.0560		3.0000	80.0000	291.0000
1077957	415.66	417.00	0.1760		1.0000	33.0000	177.0000
1077958	417.00	418.50	0.0290		2.0000	40.0000	191.0000
1077959	443.54	444.54	0.0330		4.0000	370.0000	1310.0000
1077961	460.92	460.97	0.0210		1.0000	20.0000	79.0000
1077962	460.97	461.84	0.0180		0.5000	36.0000	66.0000
1077963	461.84	462.84	0.4610		5.0000	321.0000	1487.0000
1077964	462.84	463.62	0.0810		1.0000	33.0000	86.0000
1077965	463.62	464.54	0.0980		1.0000	46.0000	125.0000
1077967	464.54	465.14	0.0900		2.0000	48.0000	334.0000
1077968	465.14	466.14	0.0960		1.0000	50.0000	122.0000
1077969	466.14	467.19	0.0700		1.0000	46.0000	116.0000
1077971	467.19	468.19	0.0910		1.0000	50.0000	1973.0000
1077972	468.19	469.12	0.1640		2.0000	61.0000	101.0000
1077973	469.12	470.12	0.1270		1.0000	60.0000	317.0000
1077974	470.12	471.12	0.0660		1.0000	41.0000	183.0000
1077975	471.12	472.12	0.0580		1.0000	44.0000	120.0000
1077976	472.12	473.08	0.0970		1.0000	33.0000	100.0000
1077977	473.08	474.12	0.0620		2.0000	35.0000	95.0000
1077978	474.12	475.12	0.0550		2.0000	36.0000	133.0000
1077979	475.12	476.34	0.1800		2.0000	35.0000	94.0000
1077981	476.34	477.26	0.0840		1.0000	38.0000	108.0000
1077982	477.26	478.26	0.1270		1.0000	22.0000	90.0000
1077983	478.26	479.26	0.0620		2.0000	54.0000	101.0000
1077984	479.26	480.20	0.0410		1.0000	29.0000	97.0000
1077985	480.20	481.24	0.0460		2.0000	307.0000	545.0000
1077987	481.24	481.74	0.4140		3.0000	199.0000	915.0000
1077988	481.74	482.74	0.0570		1.0000	31.0000	95.0000
1077989	482.74	483.43	0.0450		0.5000	34.0000	90.0000
1077991	483.43	484.56	0.0230		1.0000	60.0000	87.0000
1077992	484.56	485.56	0.0250		0.5000	56.0000	91.0000
1077993	485.56	486.26	0.0510		0.5000	38.0000	75.0000
1077994	486.26	487.17	0.0410		1.0000	37.0000	82.0000
1077995	487.17	488.13	0.0840		1.0000	55.0000	114.0000
1077996	488.13	489.37	0.1040		1.0000	63.0000	130.0000
1077997	489.37	490.47	0.0410		0.5000	40.0000	92.0000

Hole Number: TL11203

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1077998	490.47	491.87	0.0390		0.5000	29.0000	81.0000
1077999	491.87	492.70	0.0750		1.0000	137.0000	247.0000
1079001	492.70	494.15	0.0130		0.5000	16.0000	56.0000
1079002	494.15	495.56	0.0140		0.5000	16.0000	74.0000
1079003	495.56	497.15	0.0120		1.0000	19.0000	71.0000
Sample Type	CDUP						
1077866	241.42	242.92	0.0150		2.0000	21.0000	48.0000
1077886	301.27	302.77	0.0320		1.0000	63.0000	189.0000
1077906	350.43	351.48	0.3930		2.0000	295.0000	683.0000
1077926	367.50	368.50	0.0220		2.0000	45.0000	107.0000
1077946	385.20	386.20	0.3290		4.0000	101.0000	203.0000
1077966	463.62	464.54	0.1210		2.0000	48.0000	102.0000
1077986	480.20	481.24	0.0730		2.0000	243.0000	540.0000





## DETAILED LOG

Hole Number: TL11204A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
14.30	176.78	BMS, Biotite Muscovite Schist Very wkly ser BMS, with strongly sil fault zone/breccia from 116.8-142m. Trace py and po.	1078374	116.25	117.75	1.50	0.00		2.00	77.00	194.00
			1078375	117.75	119.25	1.50	0.01		1.00	51.00	142.00
			1078376	119.25	120.75	1.50	0.01		0.50	19.00	70.00
			1078377	120.75	121.75	1.00	0.03		3.00	13.00	72.00
			1078378	121.75	122.75	1.00	0.03		1.00	11.00	58.00
			1078379	122.75	123.75	1.00	0.02		2.00	18.00	74.00
			1078381	123.75	124.75	1.00	0.03		2.00	24.00	74.00
			1078382	124.75	125.75	1.00	0.03		2.00	60.00	94.00
			1078383	125.75	126.75	1.00	0.02		1.00	34.00	75.00
			1078384	126.75	127.75	1.00	0.06		2.00	44.00	66.00
			1078385	127.75	128.75	1.00	0.05		2.00	13.00	58.00
			1078386	127.75	128.75	1.00	0.05		0.50	15.00	59.00
			1078387	128.75	129.75	1.00	0.03		0.50	12.00	51.00
			1078388	129.75	130.75	1.00	0.06		3.00	18.00	48.00
			1078389	130.75	131.75	1.00	0.13		0.50	10.00	44.00
			1078391	131.75	132.75	1.00	0.02		2.00	88.00	102.00
			1078392	132.75	133.75	1.00	0.01		2.00	17.00	76.00
			1078393	133.75	134.75	1.00	0.01		2.00	22.00	78.00
			1078394	134.75	135.75	1.00	0.02		2.00	40.00	81.00
			1078395	135.75	136.75	1.00	0.01		1.00	30.00	71.00
			1078396	136.75	137.75	1.00	0.01		2.00	17.00	75.00
			1078397	137.75	138.75	1.00	0.01		0.50	27.00	78.00
			1078398	138.75	139.75	1.00	0.01		1.00	15.00	63.00
			1078399	139.75	141.25	1.50	0.01		3.00	47.00	238.00
			1078401	141.25	142.75	1.50	0.02		2.00	93.00	204.00
176.78	177.20	MD, Mafic Dyke Dark green mafic dyke subparallel to foliation. Trace py.									
177.20	189.31	BMS, Biotite Muscovite Schist	1078463	186.31	187.81	1.50	0.02		1.00	25.00	113.00
			1078464	187.81	189.31	1.50	0.07		1.00	23.00	101.00
189.31	196.70	MSS, Muscovite Sericite Schist Strongly ser hangingwall MSS. Trace-1% py with trace sph-gln.	1078465	189.31	190.31	1.00	0.03		1.00	97.00	437.00
			1078466	189.31	190.31	1.00	0.03		2.00	77.00	413.00
			1078467	190.31	191.31	1.00	0.03		0.50	65.00	180.00
			1078468	191.31	192.31	1.00	0.02		1.00	32.00	153.00
			1078469	192.31	193.31	1.00	0.08		3.00	458.00	1222.00
			1078471	193.31	194.31	1.00	0.41		3.00	131.00	241.00
			1078472	194.31	195.31	1.00	0.05		2.00	27.00	68.00
			1078473	195.31	196.70	1.39	0.10		0.50	38.00	103.00

DETAILED LOG

Hole Number: TL11204A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
196.70	210.75	BMS, Biotite Muscovite Schist Moderately ser BMS with trace-1% py.	1078474	196.70	198.20	1.50	0.01		0.50	24.00	81.00
			1078475	198.20	199.70	1.50	0.01		3.00	22.00	73.00
			1078476	199.70	201.20	1.50	0.01		2.00	33.00	131.00
			1078477	201.20	202.70	1.50	0.13		3.00	30.00	111.00
			1078478	202.70	203.75	1.05	0.18		2.00	347.00	615.00
			1078479	203.75	204.75	1.00	0.14		2.00	213.00	228.00
			1078481	204.75	206.25	1.50	0.04		3.00	27.00	77.00
			1078402	206.25	207.75	1.50	0.03		1.00	22.00	74.00
			1078403	207.75	209.25	1.50	0.01		4.00	32.00	118.00
			1078404	209.25	210.75	1.50	0.02		2.00	24.00	63.00



## DETAILED LOG

Hole Number: TL11204A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
210.75	246.60	MSS, Muscovite Sericite Schist	1078405	210.75	211.75	1.00	0.09		1.00	40.00	128.00
		Very strongly sil MSS main zone. Very strong ser from 210.75-225.25 and 233.32-238.15m, otherwise mod ser. Best samples at 218.45-219.55: 1%py, 8%sph, 1%cpy, trace-1% gln, trace aspy; 225.5-226.5: 3x discontinuous VG stringers in dark grey sil band, 2%sph, 1%gln, trace cpy/aspy.	1078406	210.75	211.75	1.00	0.54		1.00	31.00	69.00
			1078407	211.75	212.75	1.00	0.19		2.00	81.00	419.00
			1078408	212.75	213.75	1.00	0.71		2.00	153.00	453.00
			1078409	213.75	214.75	1.00	0.69		2.00	25.00	71.00
			1078411	214.75	215.75	1.00	0.06		2.00	21.00	76.00
			1078412	215.75	216.65	0.90	0.13		0.50	151.00	219.00
			1078413	216.65	217.45	0.80	0.12		2.00	308.00	1409.00
			1078414	217.45	218.45	1.00	0.11		2.00	185.00	433.00
			1078415	218.45	219.55	1.10	0.63		11.00	6709.00	15138.00
			1078416	219.55	220.55	1.00	0.07		0.50	511.00	839.00
			1078417	220.55	221.50	0.95	0.21		2.00	635.00	552.00
			1078418	221.50	222.50	1.00	0.41		1.00	550.00	310.00
			1078419	222.50	223.50	1.00	0.26		2.00	849.00	1082.00
			1078421	223.50	224.50	1.00	0.90		3.00	1666.00	2732.00
			1078422	224.50	225.50	1.00	1.08		10.00	1973.00	2277.00
			1078423	225.50	226.50	1.00	126.30	95.68	26.00	4582.00	3685.00
			1078424	226.50	227.50	1.00	0.58		2.00	236.00	265.00
			1078425	227.50	228.50	1.00	8.16		11.00	2271.00	3180.00
			1078426	227.50	228.50	1.00	1.08		7.00	2364.00	3721.00
			1078427	228.50	229.50	1.00	0.58		7.00	2069.00	1353.00
			1078428	229.50	230.50	1.00	0.05		0.50	111.00	144.00
			1078429	230.50	231.50	1.00	0.33		1.00	498.00	3193.00
			1078431	231.50	232.50	1.00	0.19		2.00	591.00	195.00
			1078432	232.50	233.50	1.00	0.35		2.00	164.00	306.00
			1078433	233.50	234.50	1.00	0.77		1.00	72.00	245.00
			1078434	234.50	235.50	1.00	0.14		2.00	178.00	206.00
			1078435	235.50	236.50	1.00	0.05		3.00	88.00	218.00
			1078436	236.50	237.50	1.00	0.10		2.00	176.00	209.00
			1078437	237.50	238.50	1.00	0.29		3.00	172.00	422.00
			1078438	238.50	239.50	1.00	0.11		0.50	44.00	141.00
			1078439	239.50	240.50	1.00	0.13		2.00	169.00	203.00
			1078441	240.50	241.50	1.00	0.08		2.00	39.00	91.00
			1078442	241.50	242.50	1.00	0.27		2.00	52.00	853.00
			1078443	242.50	243.50	1.00	0.65		5.00	1269.00	4626.00
			1078444	243.50	244.70	1.20	0.11		2.00	1156.00	997.00
			1078446	244.70	245.70	1.00	0.20		5.00	1698.00	4869.00
			1078445	244.70	245.70	1.00	0.11		4.00	913.00	2901.00
			1078447	245.70	246.60	0.90	0.07		1.00	389.00	1392.00

## DETAILED LOG

Hole Number: TL11204A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
246.60	301.10	BMS, Biotite Muscovite Schist Very wkly ser BMS, wkly sil to 276m. 2-3% py and trace sph.	1078448	246.60	247.60	1.00	0.22		2.00	130.00	146.00
			1078449	247.60	248.60	1.00	0.04		2.00	120.00	277.00
			1078451	248.60	249.60	1.00	0.13		3.00	656.00	1917.00
			1078452	249.60	250.60	1.00	0.04		2.00	346.00	824.00
			1078453	250.60	251.60	1.00	0.03		2.00	55.00	190.00
			1078454	251.60	252.60	1.00	0.03		1.00	118.00	175.00
			1078455	252.60	253.60	1.00	0.11		3.00	287.00	730.00
			1078456	253.60	254.60	1.00	0.23		2.00	409.00	2522.00
			1078457	254.60	255.60	1.00	2.87		3.00	548.00	1720.00
			1078458	255.60	256.60	1.00	0.10		4.00	816.00	498.00
			1078459	256.60	258.10	1.50	0.55		2.00	371.00	279.00
			1078461	258.10	259.60	1.50	0.26		2.00	51.00	165.00
			1078462	259.60	261.10	1.50	0.05		2.00	52.00	109.00
			1078482	291.90	293.40	1.50	0.03		3.00	48.00	145.00
			1078483	293.40	294.90	1.50	0.17		2.00	40.00	100.00
			1078484	294.90	295.90	1.00	0.28		7.00	598.00	2470.00
			1078485	295.90	296.90	1.00	0.01		1.00	66.00	105.00
			1078486	295.90	296.90	1.00	0.01		2.00	72.00	97.00
			1078487	296.90	297.90	1.00	0.05		3.00	30.00	69.00
			1078488	297.90	298.45	0.55	0.02		3.00	46.00	130.00
1078489	298.45	299.20	0.75	0.34		3.00	42.00	640.00			
1078491	299.20	300.15	0.95	0.10		1.00	39.00	151.00			
1078492	300.15	301.10	0.95	0.02		3.00	34.00	121.00			
301.10	318.12	MSS, Muscovite Sericite Schist Strongly ser and mod sil MSS C-zone. Best samples from 313.6-318.12: 2%py, trace po-sph.	1078493	301.10	302.10	1.00	0.45		3.00	21.00	77.00
			1078494	302.10	302.70	0.60	0.51		4.00	103.00	296.00
			1078495	302.70	303.70	1.00	0.03		1.00	45.00	113.00
			1078496	303.70	304.70	1.00	0.02		3.00	30.00	114.00
			1078497	304.70	305.70	1.00	0.45		2.00	57.00	132.00
			1078498	305.70	306.70	1.00	0.13		1.00	25.00	73.00
			1078499	306.70	308.00	1.30	0.01		2.00	19.00	65.00
			1078501	308.00	309.35	1.35	0.01		1.00	25.00	84.00
			1078502	309.35	310.35	1.00	0.03		1.00	24.00	73.00
			1078503	310.35	311.35	1.00	0.74		0.50	49.00	399.00
			1078504	311.35	312.35	1.00	0.39		2.00	45.00	114.00
			1078505	312.35	313.12	0.77	0.10		1.00	25.00	109.00
			1078506	312.35	313.12	0.77	0.06		3.00	24.00	87.00
			1078507	313.12	314.12	1.00	0.05		2.00	34.00	97.00
			1078508	314.12	315.12	1.00	0.22		1.00	65.00	174.00
			1078509	315.12	316.12	1.00	0.40		0.50	74.00	165.00
1078511	316.12	317.12	1.00	0.27		3.00	378.00	470.00			
1078512	317.12	318.12	1.00	0.18		2.00	75.00	87.00			

DETAILED LOG

Hole Number: TL11204A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
318.12	339.00	BMS, Biotite Muscovite Schist Moderately ser/sil BMS. Local patch of pervasive alt from 336-337.8m with 3-4% py and trace sph. 1-2% py elsewhere.	1078513	318.12	319.60	1.48	0.01		0.50	27.00	87.00
			1078514	319.60	321.10	1.50	0.00		2.00	21.00	94.00
			1078515	321.10	322.60	1.50	0.00		2.00	14.00	84.00
			1078516	322.60	323.90	1.30	0.00		1.00	14.00	73.00
			1078517	323.90	324.90	1.00	0.04		2.00	29.00	566.00
			1078518	324.90	325.80	0.90	0.07		2.00	137.00	225.00
			1078519	325.80	326.80	1.00	0.02		2.00	89.00	112.00
			1078521	326.80	328.30	1.50	0.06		2.00	33.00	92.00
			1078522	328.30	329.80	1.50	0.02		0.50	22.00	86.00
			1078523	329.80	331.30	1.50	0.03		2.00	24.00	103.00
			1078524	331.30	332.80	1.50	0.04		2.00	70.00	284.00
			1078525	332.80	334.30	1.50	0.03		2.00	29.00	223.00
			1078526	332.80	334.30	1.50	0.03		3.00	31.00	155.00
			1078527	334.30	335.80	1.50	0.02		0.50	57.00	153.00
			1078528	335.80	336.80	1.00	0.86		2.00	148.00	377.00
			1078529	336.80	337.80	1.00	0.56		2.00	56.00	132.00
		1078531	337.80	339.00	1.20	0.01		1.00	12.00	70.00	

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078374	116.25	117.75	0.0005		2.0000	77.0000	194.0000
1078375	117.75	119.25	0.0050		1.0000	51.0000	142.0000
1078376	119.25	120.75	0.0090		0.5000	19.0000	70.0000
1078377	120.75	121.75	0.0280		3.0000	13.0000	72.0000
1078378	121.75	122.75	0.0270		1.0000	11.0000	58.0000
1078379	122.75	123.75	0.0150		2.0000	18.0000	74.0000
1078381	123.75	124.75	0.0310		2.0000	24.0000	74.0000
1078382	124.75	125.75	0.0250		2.0000	60.0000	94.0000
1078383	125.75	126.75	0.0240		1.0000	34.0000	75.0000
1078384	126.75	127.75	0.0570		2.0000	44.0000	66.0000
1078385	127.75	128.75	0.0490		2.0000	13.0000	58.0000
1078387	128.75	129.75	0.0320		0.5000	12.0000	51.0000
1078388	129.75	130.75	0.0550		3.0000	18.0000	48.0000
1078389	130.75	131.75	0.1290		0.5000	10.0000	44.0000
1078391	131.75	132.75	0.0230		2.0000	88.0000	102.0000
1078392	132.75	133.75	0.0130		2.0000	17.0000	76.0000
1078393	133.75	134.75	0.0090		2.0000	22.0000	78.0000
1078394	134.75	135.75	0.0190		2.0000	40.0000	81.0000
1078395	135.75	136.75	0.0060		1.0000	30.0000	71.0000
1078396	136.75	137.75	0.0080		2.0000	17.0000	75.0000

Hole Number: TL11204A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078397	137.75	138.75	0.0060		0.5000	27.0000	78.0000
1078398	138.75	139.75	0.0050		1.0000	15.0000	63.0000
1078399	139.75	141.25	0.0090		3.0000	47.0000	238.0000
1078401	141.25	142.75	0.0160		2.0000	93.0000	204.0000
1078463	186.31	187.81	0.0170		1.0000	25.0000	113.0000
1078464	187.81	189.31	0.0670		1.0000	23.0000	101.0000
1078465	189.31	190.31	0.0310		1.0000	97.0000	437.0000
1078467	190.31	191.31	0.0280		0.5000	65.0000	180.0000
1078468	191.31	192.31	0.0210		1.0000	32.0000	153.0000
1078469	192.31	193.31	0.0820		3.0000	458.0000	1222.0000
1078471	193.31	194.31	0.4080		3.0000	131.0000	241.0000
1078472	194.31	195.31	0.0490		2.0000	27.0000	68.0000
1078473	195.31	196.70	0.0980		0.5000	38.0000	103.0000
1078474	196.70	198.20	0.0130		0.5000	24.0000	81.0000
1078475	198.20	199.70	0.0050		3.0000	22.0000	73.0000
1078476	199.70	201.20	0.0100		2.0000	33.0000	131.0000
1078477	201.20	202.70	0.1290		3.0000	30.0000	111.0000
1078478	202.70	203.75	0.1780		2.0000	347.0000	615.0000
1078479	203.75	204.75	0.1440		2.0000	213.0000	228.0000
1078481	204.75	206.25	0.0430		3.0000	27.0000	77.0000
1078402	206.25	207.75	0.0260		1.0000	22.0000	74.0000
1078403	207.75	209.25	0.0140		4.0000	32.0000	118.0000
1078404	209.25	210.75	0.0150		2.0000	24.0000	63.0000
1078405	210.75	211.75	0.0870		1.0000	40.0000	128.0000
1078407	211.75	212.75	0.1860		2.0000	81.0000	419.0000
1078408	212.75	213.75	0.7050		2.0000	153.0000	453.0000
1078409	213.75	214.75	0.6900		2.0000	25.0000	71.0000
1078411	214.75	215.75	0.0610		2.0000	21.0000	76.0000
1078412	215.75	216.65	0.1290		0.5000	151.0000	219.0000
1078413	216.65	217.45	0.1240		2.0000	308.0000	1409.0000
1078414	217.45	218.45	0.1100		2.0000	185.0000	433.0000
1078415	218.45	219.55	0.6270		11.0000	6709.0000	15138.0000
1078416	219.55	220.55	0.0700		0.5000	511.0000	839.0000
1078417	220.55	221.50	0.2070		2.0000	635.0000	552.0000
1078418	221.50	222.50	0.4110		1.0000	550.0000	310.0000
1078419	222.50	223.50	0.2580		2.0000	849.0000	1082.0000
1078421	223.50	224.50	0.8980		3.0000	1666.0000	2732.0000
1078422	224.50	225.50	1.0810		10.0000	1973.0000	2277.0000
1078423	225.50	226.50	126.3040	95.6780	26.0000	4582.0000	3685.0000

Hole Number: TL11204A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078424	226.50	227.50	0.5810		2.0000	236.0000	265.0000
1078425	227.50	228.50	8.1590		11.0000	2271.0000	3180.0000
1078427	228.50	229.50	0.5790		7.0000	2069.0000	1353.0000
1078428	229.50	230.50	0.0470		0.5000	111.0000	144.0000
1078429	230.50	231.50	0.3310		1.0000	498.0000	3193.0000
1078431	231.50	232.50	0.1850		2.0000	591.0000	195.0000
1078432	232.50	233.50	0.3480		2.0000	164.0000	306.0000
1078433	233.50	234.50	0.7670		1.0000	72.0000	245.0000
1078434	234.50	235.50	0.1410		2.0000	178.0000	206.0000
1078435	235.50	236.50	0.0520		3.0000	88.0000	218.0000
1078436	236.50	237.50	0.0970		2.0000	176.0000	209.0000
1078437	237.50	238.50	0.2910		3.0000	172.0000	422.0000
1078438	238.50	239.50	0.1130		0.5000	44.0000	141.0000
1078439	239.50	240.50	0.1260		2.0000	169.0000	203.0000
1078441	240.50	241.50	0.0780		2.0000	39.0000	91.0000
1078442	241.50	242.50	0.2670		2.0000	52.0000	853.0000
1078443	242.50	243.50	0.6490		5.0000	1269.0000	4626.0000
1078444	243.50	244.70	0.1100		2.0000	1156.0000	997.0000
1078445	244.70	245.70	0.1120		4.0000	913.0000	2901.0000
1078447	245.70	246.60	0.0650		1.0000	389.0000	1392.0000
1078448	246.60	247.60	0.2150		2.0000	130.0000	146.0000
1078449	247.60	248.60	0.0400		2.0000	120.0000	277.0000
1078451	248.60	249.60	0.1250		3.0000	656.0000	1917.0000
1078452	249.60	250.60	0.0390		2.0000	346.0000	824.0000
1078453	250.60	251.60	0.0280		2.0000	55.0000	190.0000
1078454	251.60	252.60	0.0320		1.0000	118.0000	175.0000
1078455	252.60	253.60	0.1080		3.0000	287.0000	730.0000
1078456	253.60	254.60	0.2320		2.0000	409.0000	2522.0000
1078457	254.60	255.60	2.8650		3.0000	548.0000	1720.0000
1078458	255.60	256.60	0.1030		4.0000	816.0000	498.0000
1078459	256.60	258.10	0.5470		2.0000	371.0000	279.0000
1078461	258.10	259.60	0.2600		2.0000	51.0000	165.0000
1078462	259.60	261.10	0.0450		2.0000	52.0000	109.0000
1078482	291.90	293.40	0.0320		3.0000	48.0000	145.0000
1078483	293.40	294.90	0.1670		2.0000	40.0000	100.0000
1078484	294.90	295.90	0.2830		7.0000	598.0000	2470.0000
1078485	295.90	296.90	0.0120		1.0000	66.0000	105.0000
1078487	296.90	297.90	0.0490		3.0000	30.0000	69.0000
1078488	297.90	298.45	0.0240		3.0000	46.0000	130.0000

Hole Number: TL11204A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078489	298.45	299.20	0.3440		3.0000	42.0000	640.0000
1078491	299.20	300.15	0.0950		1.0000	39.0000	151.0000
1078492	300.15	301.10	0.0240		3.0000	34.0000	121.0000
1078493	301.10	302.10	0.4450		3.0000	21.0000	77.0000
1078494	302.10	302.70	0.5070		4.0000	103.0000	296.0000
1078495	302.70	303.70	0.0280		1.0000	45.0000	113.0000
1078496	303.70	304.70	0.0200		3.0000	30.0000	114.0000
1078497	304.70	305.70	0.4500		2.0000	57.0000	132.0000
1078498	305.70	306.70	0.1260		1.0000	25.0000	73.0000
1078499	306.70	308.00	0.0070		2.0000	19.0000	65.0000
1078501	308.00	309.35	0.0060		1.0000	25.0000	84.0000
1078502	309.35	310.35	0.0260		1.0000	24.0000	73.0000
1078503	310.35	311.35	0.7440		0.5000	49.0000	399.0000
1078504	311.35	312.35	0.3920		2.0000	45.0000	114.0000
1078505	312.35	313.12	0.0970		1.0000	25.0000	109.0000
1078507	313.12	314.12	0.0530		2.0000	34.0000	97.0000
1078508	314.12	315.12	0.2150		1.0000	65.0000	174.0000
1078509	315.12	316.12	0.3950		0.5000	74.0000	165.0000
1078511	316.12	317.12	0.2650		3.0000	378.0000	470.0000
1078512	317.12	318.12	0.1790		2.0000	75.0000	87.0000
1078513	318.12	319.60	0.0120		0.5000	27.0000	87.0000
1078514	319.60	321.10	0.0030		2.0000	21.0000	94.0000
1078515	321.10	322.60	0.0005		2.0000	14.0000	84.0000
1078516	322.60	323.90	0.0005		1.0000	14.0000	73.0000
1078517	323.90	324.90	0.0390		2.0000	29.0000	566.0000
1078518	324.90	325.80	0.0650		2.0000	137.0000	225.0000
1078519	325.80	326.80	0.0210		2.0000	89.0000	112.0000
1078521	326.80	328.30	0.0600		2.0000	33.0000	92.0000
1078522	328.30	329.80	0.0180		0.5000	22.0000	86.0000
1078523	329.80	331.30	0.0340		2.0000	24.0000	103.0000
1078524	331.30	332.80	0.0370		2.0000	70.0000	284.0000
1078525	332.80	334.30	0.0310		2.0000	29.0000	223.0000
1078527	334.30	335.80	0.0160		0.5000	57.0000	153.0000
1078528	335.80	336.80	0.8620		2.0000	148.0000	377.0000
1078529	336.80	337.80	0.5590		2.0000	56.0000	132.0000
1078531	337.80	339.00	0.0080		1.0000	12.0000	70.0000
Sample Type	CDUP						
1078386	127.75	128.75	0.0490		0.5000	15.0000	59.0000
1078466	189.31	190.31	0.0280		2.0000	77.0000	413.0000

Hole Number: TL11204A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	CDUP						
1078406	210.75	211.75	0.5440		1.0000	31.0000	69.0000
1078426	227.50	228.50	1.0790		7.0000	2364.0000	3721.0000
1078446	244.70	245.70	0.2030		5.0000	1698.0000	4869.0000
1078486	295.90	296.90	0.0100		2.0000	72.0000	97.0000
1078506	312.35	313.12	0.0580		3.0000	24.0000	87.0000
1078526	332.80	334.30	0.0270		3.0000	31.0000	155.0000

# DETAILED LOG

Hole Number: TL11205

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -78.00
Project Number: TMI-TL	North: 5511621.90	North:	Collar Az: 350.00
Location: Zealand Township	East: 527861.67	East:	Length: 609.00
	Elev: 392.46	Elev:	Start Depth: 0.00
Date Started: Aug 07, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Aug 10, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 609.00

Comments: Hangingwall zone from 427.35-447.97m. Main zone from 474-489.6m. Footwall zone from 499-521.45m. C-zone from 582-596.83m.  
 Very strongly ser hangingwall MSS. 2-3% py and trace sph.  
 Strongly ser MSS main zone and mod sil. Best samples from 481.2-484.5: 2-3%py, tr-1% sph (2% from 483.8-484.2) and trace gln.  
 Footwall MSS zone, with patches of very strong ser and sil (overall strong). 2-3% py and trace sph to 506m. Then 1-2% py and trace sph. Best sample from 520.45-521.45: 3% py, 1% po, trace sph/cpy.  
 Dark grey "MSS" C-zone although BMS looking. Mod sil and wk ser. 2-3% py and 1-2% sph.  
 RQD interval 462-465m not included due to block error. Data exceeds limit.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	351.00	-78.00	EZ Sho	OK		12.00	353.10	-77.50	EZ Sho	OK	
56.00	355.70	-74.90	EZ Sho	OK		102.00	358.50	-73.50	EZ Sho	OK	
150.00	358.60	-71.50	EZ Sho	OK		202.00	359.90	-71.30	EZ Sho	OK	
255.00	0.30	-69.40	EZ Sho	OK		303.00	1.60	-68.70	EZ Sho	OK	
351.00	1.50	-67.10	EZ Sho	OK		402.00	1.00	-64.90	EZ Sho	OK	
450.00	2.50	-63.50	EZ Sho	OK		501.00	1.60	-61.20	EZ Sho	OK	
558.00	2.60	-59.70	EZ Sho	OK		609.00	3.80	-57.90	EZ Sho	OK	

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	12.00	OB, Overburden									
12.00	132.17	MSED, Metasediment									
132.17	366.23	BMS, Biotite Muscovite Schist	1078532	363.23	364.73	1.50	0.03		0.50	49.00	105.00
		Very wkly ser BMS. Trace py to 294m, then 1-2% py.	1078533	364.73	366.23	1.50	0.02		1.00	33.00	110.00



Hole Number: TL11205

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
366.23	379.50	MSS, Muscovite Sericite Schist Very strongly ser/sil hangingwall MSS, with 1-2% py and trace sph (within fractures and along foliation).	1078534	366.23	367.25	1.02	0.01		2.00	20.00	46.00
			1078535	367.25	368.25	1.00	0.01		1.00	15.00	39.00
			1078536	368.25	369.25	1.00	0.01		1.00	21.00	94.00
			1078537	369.25	370.25	1.00	0.01		1.00	21.00	40.00
			1078538	370.25	371.25	1.00	0.00		2.00	20.00	52.00
			1078539	371.25	372.25	1.00	0.00		1.00	22.00	42.00
			1078541	372.25	373.25	1.00	0.01		1.00	16.00	30.00
			1078542	373.25	374.25	1.00	0.01		2.00	20.00	34.00
			1078543	374.25	375.25	1.00	0.03		2.00	50.00	188.00
			1078544	375.25	376.25	1.00	0.05		3.00	75.00	213.00
			1078546	376.25	377.25	1.00	0.03		2.00	82.00	165.00
			1078545	376.25	377.25	1.00	0.02		2.00	88.00	190.00
			1078547	377.25	378.25	1.00	0.03		1.00	45.00	93.00
1078548	378.25	379.50	1.25	0.01		2.00	62.00	265.00			
379.50	427.35	BMS, Biotite Muscovite Schist Very wkly ser BMS with 1-2% py and trace sph/gln.	1078549	379.50	381.00	1.50	0.02		2.00	198.00	424.00
			1078551	381.00	382.50	1.50	0.02		2.00	217.00	142.00
			1078552	412.25	413.75	1.50	0.02		2.00	53.00	115.00
			1078553	413.75	414.75	1.00	0.16		7.00	2331.00	851.00
			1078554	414.75	416.25	1.50	0.03		2.00	135.00	413.00
			1078555	416.25	417.35	1.10	0.03		2.00	76.00	167.00
			1078556	417.35	418.85	1.50	0.04		2.00	75.00	703.00
			1078557	418.85	420.35	1.50	0.03		0.50	34.00	72.00
			1078558	420.35	421.85	1.50	0.33		2.00	25.00	92.00
			1078559	421.85	423.35	1.50	0.04		0.50	47.00	114.00
			1078561	423.35	424.85	1.50	0.03		1.00	64.00	141.00
			1078562	424.85	426.35	1.50	0.04		1.00	33.00	99.00
			1078563	426.35	427.35	1.00	0.04		2.00	40.00	91.00

## DETAILED LOG

Hole Number: TL11205

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
427.35	447.97	MSS, Muscovite Sericite Schist	1078564	427.35	428.35	1.00	0.07		2.00	51.00	642.00
		Very strongly ser hangingwall MSS. 2-3% py and trace sph.	1078565	428.35	429.35	1.00	0.07		2.00	42.00	747.00
			1078566	428.35	429.35	1.00	0.06		2.00	38.00	383.00
			1078567	429.35	430.00	0.65	0.06		3.00	38.00	2299.00
			1078568	430.00	431.00	1.00	0.17		7.00	153.00	427.00
			1078569	431.00	432.00	1.00	0.02		1.00	46.00	248.00
			1078571	432.00	433.00	1.00	0.01		1.00	42.00	128.00
			1078572	433.00	434.00	1.00	0.01		2.00	24.00	45.00
			1078573	434.00	435.00	1.00	0.01		1.00	22.00	66.00
			1078574	435.00	436.00	1.00	0.01		1.00	24.00	41.00
			1078575	436.00	437.00	1.00	0.01		1.00	24.00	72.00
			1078576	437.00	438.00	1.00	0.01		1.00	40.00	100.00
			1078577	438.00	439.00	1.00	0.03		2.00	92.00	195.00
			1078578	439.00	440.00	1.00	0.01		0.50	35.00	221.00
			1078579	440.00	441.00	1.00	0.01		0.50	35.00	143.00
			1078581	441.00	442.00	1.00	0.01		0.50	25.00	124.00
			1078582	442.00	443.00	1.00	0.01		0.50	24.00	32.00
			1078583	443.00	444.00	1.00	0.02		1.00	64.00	119.00
			1078584	444.00	445.00	1.00	0.01		0.50	72.00	64.00
			1078585	445.00	446.00	1.00	0.06		2.00	159.00	796.00
			1078586	445.00	446.00	1.00	0.06		3.00	304.00	806.00
			1078587	446.00	447.00	1.00	0.34		1.00	276.00	871.00
			1078588	447.00	447.97	0.97	0.00		0.50	26.00	49.00

## DETAILED LOG

Hole Number: TL11205

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
447.97	474.00	BMS, Biotite Muscovite Schist Moderately ser BMS. Local patches of pervasive ser from 457.56-458.56: 2% py and 1% sph; and 466.56-467.2: 1% py, trace sph/gln.	1078589	447.97	449.47	1.50	0.04		0.50	24.00	103.00
			1078591	449.47	450.97	1.50	0.04		0.50	21.00	67.00
			1078592	450.97	452.47	1.50	0.37		0.50	17.00	55.00
			1078593	452.47	453.30	0.83	0.10		0.50	103.00	314.00
			1078594	453.30	454.80	1.50	0.02		0.50	54.00	180.00
			1078595	454.80	456.06	1.26	0.03		0.50	30.00	38.00
			1078596	456.06	457.56	1.50	0.02		0.50	32.00	38.00
			1078597	457.56	458.56	1.00	0.34		7.00	1037.00	1864.00
			1078598	458.56	459.56	1.00	0.04		0.50	51.00	108.00
			1078599	459.56	461.06	1.50	0.04		0.50	33.00	111.00
			1078601	461.06	462.56	1.50	0.07		2.00	52.00	117.00
			1078602	462.56	464.06	1.50	0.02		1.00	32.00	147.00
			1078603	464.06	465.56	1.50	0.01		0.50	19.00	44.00
			1078604	465.56	466.56	1.00	0.01		0.50	31.00	50.00
			1078606	466.56	467.20	0.64	0.15		3.00	671.00	1915.00
			1078605	466.56	467.20	0.64	0.25		3.00	579.00	1508.00
			1078607	467.20	468.20	1.00	0.02		0.50	58.00	87.00
			1078608	468.20	469.00	0.80	0.01		0.50	73.00	85.00
			1078609	469.00	470.00	1.00	0.01		2.00	315.00	119.00
			1078611	470.00	471.00	1.00	0.04		3.00	561.00	1233.00
		1078612	471.00	472.00	1.00	0.01		1.00	63.00	92.00	
		1078613	472.00	473.00	1.00	0.23		1.00	35.00	77.00	
		1078614	473.00	474.00	1.00	0.01		1.00	58.00	166.00	
474.00	489.60	MSS, Muscovite Sericite Schist Strongly ser MSS main zone and mod sil. Best samples from 481.2-484.5: 2-3%py, tr-1% sph (2% from 483.8-484.2) and trace gln.	1078615	474.00	475.00	1.00	0.02		1.00	66.00	34.00
			1078616	475.00	476.00	1.00	0.03		1.00	39.00	32.00
			1078617	476.00	477.00	1.00	0.10		3.00	121.00	367.00
			1078618	477.00	478.00	1.00	0.02		2.00	107.00	161.00
			1078619	478.00	479.00	1.00	0.01		2.00	55.00	54.00
			1078621	479.00	480.00	1.00	0.03		1.00	47.00	194.00
			1078622	480.00	481.00	1.00	0.01		1.00	47.00	81.00
			1078623	481.00	481.60	0.60	0.04		5.00	523.00	1110.00
			1078624	481.60	482.60	1.00	0.01		1.00	66.00	156.00
			1078625	482.60	483.60	1.00	0.14		3.00	222.00	719.00
			1078626	482.60	483.60	1.00	0.22		4.00	304.00	869.00
			1078627	483.60	484.60	1.00	0.19		5.00	922.00	2420.00
			1078628	484.60	485.60	1.00	0.13		1.00	51.00	101.00
			1078629	485.60	486.60	1.00	0.07		4.00	490.00	414.00
			1078631	486.60	487.60	1.00	0.11		2.00	139.00	348.00
			1078632	487.60	488.60	1.00	0.61		1.00	56.00	73.00
			1078633	488.60	489.60	1.00	1.30		1.00	60.00	87.00

## DETAILED LOG

Hole Number: TL11205

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
489.60	499.00	BMS, Biotite Muscovite Schist Weakly ser BMS with 1-2% diss py.	1078634	489.60	491.10	1.50	3.76		2.00	32.00	101.00
			1078635	491.10	492.60	1.50	4.77		2.00	16.00	71.00
			1078636	492.60	493.60	1.00	2.76		1.00	19.00	76.00
			1078637	493.60	494.60	1.00	0.18		1.00	26.00	66.00
			1078638	494.60	496.00	1.40	0.57		2.00	21.00	139.00
			1078639	496.00	497.50	1.50	0.08		2.00	24.00	79.00
			1078641	497.50	499.00	1.50	0.56		8.00	86.00	195.00
499.00	521.45	MSS, Muscovite Sericite Schist Footwall MSS zone, with patches of very strong ser and sil (overall strong). 2-3% py and trace sph to 506m. Then 1-2% py and trace sph. Best sample from 520.45-521.45: 3% py, 1% po, trace sph/cpy.	1078642	499.00	500.00	1.00	0.57		2.00	52.00	113.00
			1078643	500.00	501.00	1.00	0.82		4.00	134.00	312.00
			1078644	501.00	502.00	1.00	0.05		3.00	102.00	266.00
			1078645	502.00	503.00	1.00	0.57		3.00	76.00	306.00
			1078646	502.00	503.00	1.00	0.65		3.00	55.00	231.00
			1078647	503.00	504.00	1.00	1.15		3.00	75.00	244.00
			1078648	504.00	505.00	1.00	0.03		2.00	29.00	72.00
			1078649	505.00	506.00	1.00	0.02		2.00	21.00	72.00
			1078651	506.00	507.00	1.00	0.04		2.00	20.00	109.00
			1078652	507.00	508.50	1.50	0.03		2.00	31.00	75.00
			1078653	508.50	510.00	1.50	0.03		3.00	27.00	68.00
			1078654	510.00	511.00	1.00	0.02		2.00	28.00	62.00
			1078655	511.00	512.00	1.00	0.02		2.00	27.00	66.00
			1078656	512.00	513.00	1.00	0.02		2.00	26.00	66.00
			1078657	513.00	514.00	1.00	0.70		5.00	82.00	220.00
			1078658	514.00	515.00	1.00	0.18		4.00	46.00	102.00
			1078659	515.00	516.00	1.00	0.18		4.00	123.00	141.00
			1078661	516.00	517.00	1.00	0.02		1.00	36.00	82.00
			1078662	517.00	518.00	1.00	0.02		2.00	24.00	97.00
			1078663	518.00	519.00	1.00	0.02		2.00	35.00	153.00
		1078664	519.00	520.45	1.45	0.02		2.00	75.00	70.00	
		1078666	520.45	521.45	1.00	0.49		10.00	197.00	213.00	
		1078665	520.45	521.45	1.00	0.58		4.00	109.00	132.00	

DETAILED LOG

Hole Number: TL11205

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
521.45	582.00	BMS, Biotite Muscovite Schist	1078667	521.45	522.95	1.50	0.01		0.50	21.00	41.00
		Weakly ser BMS, with patch of pervasive ser/sil from 557.3-558.3 containing 3% py and 2% sph.	1078668	522.95	524.45	1.50	0.07		1.00	32.00	71.00
			1078669	524.45	525.95	1.50	0.01		0.50	9.00	41.00
			1078671	525.95	527.45	1.50	0.01		0.50	12.00	47.00
			1078672	527.45	528.95	1.50	0.00		1.00	9.00	39.00
			1078673	528.95	530.45	1.50	0.00		0.50	11.00	37.00
			1078674	530.45	531.95	1.50	0.00		1.00	14.00	39.00
			1078675	531.95	533.45	1.50	0.00		1.00	14.00	41.00
			1078676	533.45	534.95	1.50	0.00		1.00	18.00	40.00
			1078677	534.95	536.45	1.50	0.02		3.00	32.00	98.00
			1078678	536.45	537.95	1.50	0.02		6.00	33.00	58.00
			1078679	537.95	539.45	1.50	0.05		16.00	52.00	98.00
			1078681	539.45	540.80	1.35	0.06		4.00	40.00	103.00
			1078682	540.80	542.30	1.50	0.01		1.00	20.00	36.00
			1078683	542.30	543.80	1.50	0.01		1.00	19.00	44.00
			1078684	543.80	545.30	1.50	0.01		2.00	19.00	43.00
			1078686	545.30	546.80	1.50	0.01		1.00	14.00	62.00
			1078685	545.30	546.80	1.50	0.01		1.00	17.00	67.00
			1078687	546.80	548.30	1.50	0.01		1.00	16.00	55.00
			1078688	548.30	549.80	1.50	0.02		0.50	18.00	69.00
			1078689	549.80	551.30	1.50	0.04		2.00	27.00	63.00
			1078691	551.30	552.80	1.50	0.62		2.00	84.00	143.00
			1078692	552.80	554.30	1.50	0.06		1.00	58.00	150.00
			1078693	554.30	555.80	1.50	0.07		2.00	48.00	105.00
			1078694	555.80	557.30	1.50	0.04		1.00	30.00	93.00
			1078695	557.30	558.30	1.00	0.40		3.00	487.00	2727.00
			1078696	558.30	559.80	1.50	0.07		1.00	47.00	125.00
			1078697	559.80	561.30	1.50	0.06		1.00	38.00	138.00
			1078698	561.30	562.80	1.50	0.08		0.50	25.00	67.00
			1078699	562.80	564.30	1.50	0.04		0.50	42.00	266.00
			1078701	564.30	565.80	1.50	0.06		1.00	44.00	334.00
			1078702	565.80	567.30	1.50	0.12		2.00	53.00	276.00
			1078703	567.30	568.80	1.50	0.09		2.00	41.00	1515.00
			1078704	568.80	570.30	1.50	0.04		0.50	18.00	88.00
			1078705	570.30	571.80	1.50	0.01		0.50	15.00	59.00
			1078706	570.30	571.80	1.50	0.02		0.50	11.00	57.00
			1078707	571.80	573.00	1.20	0.02		0.50	15.00	46.00
			1078708	573.00	574.00	1.00	0.01		0.50	16.00	50.00
			1078709	574.00	575.00	1.00	0.08		1.00	19.00	861.00
			1078711	575.00	576.00	1.00	0.02		0.50	15.00	144.00
			1078712	576.00	577.50	1.50	0.03		0.50	29.00	173.00
			1078713	577.50	579.00	1.50	0.05		0.50	19.00	78.00
			1078714	579.00	580.50	1.50	0.02		0.50	18.00	60.00

# DETAILED LOG

Hole Number: TL11205

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1078715	580.50	582.00	1.50	0.03		1.00	54.00	244.00
582.00	596.83	MSS, Muscovite Sericite Schist Dark grey "MSS" C-zone. Mod sil and wk ser. 2-3% py and 1-2% sph.	1078716	582.00	583.23	1.23	0.18		1.00	41.00	1070.00
			1078717	583.23	584.33	1.10	0.12		2.00	29.00	97.00
			1078718	584.33	585.43	1.10	0.26		1.00	35.00	114.00
			1078719	585.43	586.43	1.00	0.13		2.00	36.00	1046.00
			1078721	586.43	587.33	0.90	0.50		4.00	251.00	716.00
			1078722	587.33	588.33	1.00	0.44		1.00	41.00	162.00
			1078723	588.33	589.73	1.40	0.08		1.00	25.00	77.00
			1078724	589.73	590.83	1.10	0.75		4.00	428.00	2762.00
			1078725	590.83	591.83	1.00	0.22		1.00	57.00	401.00
			1078726	590.83	591.83	1.00	0.20		1.00	53.00	170.00
			1078727	591.83	592.83	1.00	0.32		2.00	98.00	565.00
			1078728	592.83	593.83	1.00	0.13		1.00	35.00	120.00
			1078729	593.83	594.83	1.00	0.07		0.50	20.00	605.00
			1078731	594.83	595.83	1.00	0.08		1.00	14.00	50.00
			1078732	595.83	596.83	1.00	0.07		1.00	20.00	49.00
596.83	609.00	BMS, Biotite Muscovite Schist Very weakly BMS with trace py and local po. EOH @ 609m.	1078733	596.83	598.33	1.50	0.12		1.00	21.00	86.00
			1078734	598.33	599.83	1.50	0.11		1.00	18.00	45.00
			1078735	599.83	601.33	1.50	0.10		1.00	18.00	83.00
			1078736	601.33	602.83	1.50	0.02		0.50	50.00	102.00
			1078737	602.83	604.33	1.50	0.01		0.50	15.00	67.00
			1078738	604.33	605.83	1.50	0.01		0.50	25.00	103.00
			1078739	605.83	607.33	1.50	0.02		1.00	31.00	117.00
			1078741	607.33	609.00	1.67	0.08		0.50	20.00	73.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078532	363.23	364.73	0.0250		0.5000	49.0000	105.0000
1078533	364.73	366.23	0.0180		1.0000	33.0000	110.0000
1078534	366.23	367.25	0.0050		2.0000	20.0000	46.0000
1078535	367.25	368.25	0.0080		1.0000	15.0000	39.0000
1078536	368.25	369.25	0.0090		1.0000	21.0000	94.0000
1078537	369.25	370.25	0.0060		1.0000	21.0000	40.0000
1078538	370.25	371.25	0.0040		2.0000	20.0000	52.0000
1078539	371.25	372.25	0.0040		1.0000	22.0000	42.0000
1078541	372.25	373.25	0.0120		1.0000	16.0000	30.0000
1078542	373.25	374.25	0.0070		2.0000	20.0000	34.0000
1078543	374.25	375.25	0.0330		2.0000	50.0000	188.0000
1078544	375.25	376.25	0.0480		3.0000	75.0000	213.0000
1078545	376.25	377.25	0.0170		2.0000	88.0000	190.0000

Hole Number: TL11205

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078547	377.25	378.25	0.0310		1.0000	45.0000	93.0000
1078548	378.25	379.50	0.0110		2.0000	62.0000	265.0000
1078549	379.50	381.00	0.0210		2.0000	198.0000	424.0000
1078551	381.00	382.50	0.0150		2.0000	217.0000	142.0000
1078552	412.25	413.75	0.0150		2.0000	53.0000	115.0000
1078553	413.75	414.75	0.1620		7.0000	2331.0000	851.0000
1078554	414.75	416.25	0.0310		2.0000	135.0000	413.0000
1078555	416.25	417.35	0.0330		2.0000	76.0000	167.0000
1078556	417.35	418.85	0.0420		2.0000	75.0000	703.0000
1078557	418.85	420.35	0.0340		0.5000	34.0000	72.0000
1078558	420.35	421.85	0.3320		2.0000	25.0000	92.0000
1078559	421.85	423.35	0.0420		0.5000	47.0000	114.0000
1078561	423.35	424.85	0.0280		1.0000	64.0000	141.0000
1078562	424.85	426.35	0.0370		1.0000	33.0000	99.0000
1078563	426.35	427.35	0.0410		2.0000	40.0000	91.0000
1078564	427.35	428.35	0.0730		2.0000	51.0000	642.0000
1078565	428.35	429.35	0.0690		2.0000	42.0000	747.0000
1078567	429.35	430.00	0.0630		3.0000	38.0000	2299.0000
1078568	430.00	431.00	0.1650		7.0000	153.0000	427.0000
1078569	431.00	432.00	0.0190		1.0000	46.0000	248.0000
1078571	432.00	433.00	0.0110		1.0000	42.0000	128.0000
1078572	433.00	434.00	0.0140		2.0000	24.0000	45.0000
1078573	434.00	435.00	0.0140		1.0000	22.0000	66.0000
1078574	435.00	436.00	0.0120		1.0000	24.0000	41.0000
1078575	436.00	437.00	0.0110		1.0000	24.0000	72.0000
1078576	437.00	438.00	0.0140		1.0000	40.0000	100.0000
1078577	438.00	439.00	0.0270		2.0000	92.0000	195.0000
1078578	439.00	440.00	0.0080		0.5000	35.0000	221.0000
1078579	440.00	441.00	0.0110		0.5000	35.0000	143.0000
1078581	441.00	442.00	0.0060		0.5000	25.0000	124.0000
1078582	442.00	443.00	0.0100		0.5000	24.0000	32.0000
1078583	443.00	444.00	0.0160		1.0000	64.0000	119.0000
1078584	444.00	445.00	0.0120		0.5000	72.0000	64.0000
1078585	445.00	446.00	0.0640		2.0000	159.0000	796.0000
1078587	446.00	447.00	0.3420		1.0000	276.0000	871.0000
1078588	447.00	447.97	0.0030		0.5000	26.0000	49.0000
1078589	447.97	449.47	0.0440		0.5000	24.0000	103.0000
1078591	449.47	450.97	0.0350		0.5000	21.0000	67.0000
1078592	450.97	452.47	0.3700		0.5000	17.0000	55.0000

Hole Number: TL11205

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078593	452.47	453.30	0.0980		0.5000	103.0000	314.0000
1078594	453.30	454.80	0.0190		0.5000	54.0000	180.0000
1078595	454.80	456.06	0.0300		0.5000	30.0000	38.0000
1078596	456.06	457.56	0.0230		0.5000	32.0000	38.0000
1078597	457.56	458.56	0.3420		7.0000	1037.0000	1864.0000
1078598	458.56	459.56	0.0430		0.5000	51.0000	108.0000
1078599	459.56	461.06	0.0410		0.5000	33.0000	111.0000
1078601	461.06	462.56	0.0690		2.0000	52.0000	117.0000
1078602	462.56	464.06	0.0170		1.0000	32.0000	147.0000
1078603	464.06	465.56	0.0070		0.5000	19.0000	44.0000
1078604	465.56	466.56	0.0120		0.5000	31.0000	50.0000
1078605	466.56	467.20	0.2520		3.0000	579.0000	1508.0000
1078607	467.20	468.20	0.0160		0.5000	58.0000	87.0000
1078608	468.20	469.00	0.0080		0.5000	73.0000	85.0000
1078609	469.00	470.00	0.0090		2.0000	315.0000	119.0000
1078611	470.00	471.00	0.0430		3.0000	561.0000	1233.0000
1078612	471.00	472.00	0.0130		1.0000	63.0000	92.0000
1078613	472.00	473.00	0.2280		1.0000	35.0000	77.0000
1078614	473.00	474.00	0.0130		1.0000	58.0000	166.0000
1078615	474.00	475.00	0.0180		1.0000	66.0000	34.0000
1078616	475.00	476.00	0.0320		1.0000	39.0000	32.0000
1078617	476.00	477.00	0.0950		3.0000	121.0000	367.0000
1078618	477.00	478.00	0.0180		2.0000	107.0000	161.0000
1078619	478.00	479.00	0.0120		2.0000	55.0000	54.0000
1078621	479.00	480.00	0.0250		1.0000	47.0000	194.0000
1078622	480.00	481.00	0.0110		1.0000	47.0000	81.0000
1078623	481.00	481.60	0.0420		5.0000	523.0000	1110.0000
1078624	481.60	482.60	0.0130		1.0000	66.0000	156.0000
1078625	482.60	483.60	0.1420		3.0000	222.0000	719.0000
1078627	483.60	484.60	0.1880		5.0000	922.0000	2420.0000
1078628	484.60	485.60	0.1340		1.0000	51.0000	101.0000
1078629	485.60	486.60	0.0710		4.0000	490.0000	414.0000
1078631	486.60	487.60	0.1090		2.0000	139.0000	348.0000
1078632	487.60	488.60	0.6080		1.0000	56.0000	73.0000
1078633	488.60	489.60	1.2960		1.0000	60.0000	87.0000
1078634	489.60	491.10	3.7620		2.0000	32.0000	101.0000
1078635	491.10	492.60	4.7740		2.0000	16.0000	71.0000
1078636	492.60	493.60	2.7630		1.0000	19.0000	76.0000
1078637	493.60	494.60	0.1780		1.0000	26.0000	66.0000



Hole Number: TL11205

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078638	494.60	496.00	0.5680		2.0000	21.0000	139.0000
1078639	496.00	497.50	0.0770		2.0000	24.0000	79.0000
1078641	497.50	499.00	0.5560		8.0000	86.0000	195.0000
1078642	499.00	500.00	0.5730		2.0000	52.0000	113.0000
1078643	500.00	501.00	0.8180		4.0000	134.0000	312.0000
1078644	501.00	502.00	0.0450		3.0000	102.0000	266.0000
1078645	502.00	503.00	0.5700		3.0000	76.0000	306.0000
1078647	503.00	504.00	1.1480		3.0000	75.0000	244.0000
1078648	504.00	505.00	0.0280		2.0000	29.0000	72.0000
1078649	505.00	506.00	0.0210		2.0000	21.0000	72.0000
1078651	506.00	507.00	0.0380		2.0000	20.0000	109.0000
1078652	507.00	508.50	0.0270		2.0000	31.0000	75.0000
1078653	508.50	510.00	0.0290		3.0000	27.0000	68.0000
1078654	510.00	511.00	0.0230		2.0000	28.0000	62.0000
1078655	511.00	512.00	0.0220		2.0000	27.0000	66.0000
1078656	512.00	513.00	0.0200		2.0000	26.0000	66.0000
1078657	513.00	514.00	0.6970		5.0000	82.0000	220.0000
1078658	514.00	515.00	0.1810		4.0000	46.0000	102.0000
1078659	515.00	516.00	0.1830		4.0000	123.0000	141.0000
1078661	516.00	517.00	0.0210		1.0000	36.0000	82.0000
1078662	517.00	518.00	0.0180		2.0000	24.0000	97.0000
1078663	518.00	519.00	0.0170		2.0000	35.0000	153.0000
1078664	519.00	520.45	0.0160		2.0000	75.0000	70.0000
1078665	520.45	521.45	0.5830		4.0000	109.0000	132.0000
1078667	521.45	522.95	0.0120		0.5000	21.0000	41.0000
1078668	522.95	524.45	0.0660		1.0000	32.0000	71.0000
1078669	524.45	525.95	0.0090		0.5000	9.0000	41.0000
1078671	525.95	527.45	0.0070		0.5000	12.0000	47.0000
1078672	527.45	528.95	0.0020		1.0000	9.0000	39.0000
1078673	528.95	530.45	0.0005		0.5000	11.0000	37.0000
1078674	530.45	531.95	0.0010		1.0000	14.0000	39.0000
1078675	531.95	533.45	0.0005		1.0000	14.0000	41.0000
1078676	533.45	534.95	0.0010		1.0000	18.0000	40.0000
1078677	534.95	536.45	0.0150		3.0000	32.0000	98.0000
1078678	536.45	537.95	0.0210		6.0000	33.0000	58.0000
1078679	537.95	539.45	0.0530		16.0000	52.0000	98.0000
1078681	539.45	540.80	0.0640		4.0000	40.0000	103.0000
1078682	540.80	542.30	0.0130		1.0000	20.0000	36.0000
1078683	542.30	543.80	0.0060		1.0000	19.0000	44.0000

Hole Number: TL11205

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078684	543.80	545.30	0.0110		2.0000	19.0000	43.0000
1078685	545.30	546.80	0.0080		1.0000	17.0000	67.0000
1078687	546.80	548.30	0.0100		1.0000	16.0000	55.0000
1078688	548.30	549.80	0.0170		0.5000	18.0000	69.0000
1078689	549.80	551.30	0.0410		2.0000	27.0000	63.0000
1078691	551.30	552.80	0.6160		2.0000	84.0000	143.0000
1078692	552.80	554.30	0.0550		1.0000	58.0000	150.0000
1078693	554.30	555.80	0.0680		2.0000	48.0000	105.0000
1078694	555.80	557.30	0.0420		1.0000	30.0000	93.0000
1078695	557.30	558.30	0.3960		3.0000	487.0000	2727.0000
1078696	558.30	559.80	0.0730		1.0000	47.0000	125.0000
1078697	559.80	561.30	0.0600		1.0000	38.0000	138.0000
1078698	561.30	562.80	0.0770		0.5000	25.0000	67.0000
1078699	562.80	564.30	0.0420		0.5000	42.0000	266.0000
1078701	564.30	565.80	0.0550		1.0000	44.0000	334.0000
1078702	565.80	567.30	0.1220		2.0000	53.0000	276.0000
1078703	567.30	568.80	0.0880		2.0000	41.0000	1515.0000
1078704	568.80	570.30	0.0360		0.5000	18.0000	88.0000
1078705	570.30	571.80	0.0120		0.5000	15.0000	59.0000
1078707	571.80	573.00	0.0150		0.5000	15.0000	46.0000
1078708	573.00	574.00	0.0090		0.5000	16.0000	50.0000
1078709	574.00	575.00	0.0760		1.0000	19.0000	861.0000
1078711	575.00	576.00	0.0150		0.5000	15.0000	144.0000
1078712	576.00	577.50	0.0280		0.5000	29.0000	173.0000
1078713	577.50	579.00	0.0470		0.5000	19.0000	78.0000
1078714	579.00	580.50	0.0170		0.5000	18.0000	60.0000
1078715	580.50	582.00	0.0280		1.0000	54.0000	244.0000
1078716	582.00	583.23	0.1770		1.0000	41.0000	1070.0000
1078717	583.23	584.33	0.1180		2.0000	29.0000	97.0000
1078718	584.33	585.43	0.2570		1.0000	35.0000	114.0000
1078719	585.43	586.43	0.1330		2.0000	36.0000	1046.0000
1078721	586.43	587.33	0.4970		4.0000	251.0000	716.0000
1078722	587.33	588.33	0.4350		1.0000	41.0000	162.0000
1078723	588.33	589.73	0.0800		1.0000	25.0000	77.0000
1078724	589.73	590.83	0.7470		4.0000	428.0000	2762.0000
1078725	590.83	591.83	0.2170		1.0000	57.0000	401.0000
1078727	591.83	592.83	0.3180		2.0000	98.0000	565.0000
1078728	592.83	593.83	0.1300		1.0000	35.0000	120.0000
1078729	593.83	594.83	0.0720		0.5000	20.0000	605.0000

Hole Number: TL11205

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078731	594.83	595.83	0.0750		1.0000	14.0000	50.0000
1078732	595.83	596.83	0.0660		1.0000	20.0000	49.0000
1078733	596.83	598.33	0.1240		1.0000	21.0000	86.0000
1078734	598.33	599.83	0.1050		1.0000	18.0000	45.0000
1078735	599.83	601.33	0.0960		1.0000	18.0000	83.0000
1078736	601.33	602.83	0.0180		0.5000	50.0000	102.0000
1078737	602.83	604.33	0.0070		0.5000	15.0000	67.0000
1078738	604.33	605.83	0.0110		0.5000	25.0000	103.0000
1078739	605.83	607.33	0.0150		1.0000	31.0000	117.0000
1078741	607.33	609.00	0.0800		0.5000	20.0000	73.0000
Sample Type	CDUP						
1078546	376.25	377.25	0.0340		2.0000	82.0000	165.0000
1078566	428.35	429.35	0.0570		2.0000	38.0000	383.0000
1078586	445.00	446.00	0.0620		3.0000	304.0000	806.0000
1078606	466.56	467.20	0.1470		3.0000	671.0000	1915.0000
1078626	482.60	483.60	0.2170		4.0000	304.0000	869.0000
1078646	502.00	503.00	0.6530		3.0000	55.0000	231.0000
1078666	520.45	521.45	0.4860		10.0000	197.0000	213.0000
1078686	545.30	546.80	0.0100		1.0000	14.0000	62.0000
1078706	570.30	571.80	0.0180		0.5000	11.0000	57.0000
1078726	590.83	591.83	0.1990		1.0000	53.0000	170.0000



# DETAILED LOG

Hole Number: TL11206A

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -69.00
Project Number: TMI-TL	North: 5511528.51	North:	Collar Az: 350.00
Location: Zealand Township	East: 527235.73	East:	Length: 516.00
	Elev: 395.36	Elev:	Start Depth: 0.00
Date Started: Aug 11, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Aug 15, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 516.00

Comments: Main Zone: 413.53-458.10m  
 -Variable 55% ser 45% bio alteration  
 -3% Py  
 -1% Pb, Asp  
 -2% Sph  
 -Trace Cp  
 C zone: 488.92-510.70m  
 -Variable 55% SER 45% BIO alteration.  
 -3% Py  
 -2% Sph  
 -1% Pb  
 RQD interval 426-429m not included due to block error. Data exceeds limit.

### Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	349.00	-69.00	EZ Sho	OK		60.00	349.80	-67.90	EZ Sho	OK	
72.00	347.50	-67.80	EZ Sho	OK		108.00	349.30	-66.60	EZ Sho	OK	
156.00	350.80	-65.90	EZ Sho	OK		213.00	352.10	-64.80	EZ Sho	OK	
261.00	354.80	-63.50	EZ Sho	OK		300.00	355.00	-62.50	EZ Sho	OK	
357.00	356.00	-61.60	EZ Sho	OK		402.00	357.20	-59.80	EZ Sho	OK	
456.00	358.00	-58.00	EZ Sho	OK		501.00	358.70	-56.90	EZ Sho	OK	
516.00	358.60	-56.10	EZ Sho	OK							

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Mu_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	7.50	OB, Overburden									
7.50	223.56	BS, Biotite Schist Typical BS -Local 5% Py									
223.56	302.92	BMS, Biotite Muscovite Schist Typical BMS -Trace-1% Py -3% ser 97% bio alteration.	1076959	301.42	302.92	1.50	0.05		1.00	277.00	880.00

## DETAILED LOG

Hole Number: TL11206A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
302.92	310.73	MSS, Muscovite Sericite Schist MSS Hanging wall -95% ser 5% bio alteration. -Trace-1% Sph -1% Py -Trace Pb	1076961	302.92	303.92	1.00	0.02		3.00	264.00	159.00
			1076962	303.92	304.92	1.00	0.02		2.00	217.00	307.00
			1076963	304.92	305.92	1.00	0.02		1.00	104.00	216.00
			1076964	305.92	306.92	1.00	0.03		2.00	137.00	222.00
			1076965	306.92	307.92	1.00	0.07		2.00	231.00	1110.00
			1076966	306.92	307.92	1.00	0.18		2.00	514.00	1521.00
			1076967	307.92	308.92	1.00	0.02		1.00	89.00	112.00
			1076968	308.92	309.82	0.90	0.01		1.00	46.00	58.00
			1076969	309.82	310.73	0.91	0.01		1.00	58.00	126.00
310.73	334.15	BMS, Biotite Muscovite Schist Typical BMS -40% ser 60% bio alteration. -1% Py -Trace Asp, Po	1076971	310.73	312.23	1.50	0.19		5.00	238.00	443.00
			1076972	332.65	334.15	1.50	0.02		1.00	54.00	129.00
334.15	345.84	MSS, Muscovite Sericite Schist MSS Hanging wall -60% ser 40% bio alteration. -1% Py -Trace Sph	1076973	334.15	335.19	1.04	0.05		2.00	87.00	244.00
			1076974	335.19	336.00	0.81	0.07		2.00	298.00	597.00
			1076975	336.00	336.62	0.62	0.03		1.00	114.00	435.00
			1076976	336.62	337.57	0.95	0.02		2.00	52.00	104.00
			1076977	337.57	338.57	1.00	0.02		1.00	62.00	133.00
			1076978	338.57	339.57	1.00	0.06		2.00	226.00	1002.00
			1076979	339.57	340.71	1.14	0.05		2.00	52.00	908.00
			1076981	340.71	341.71	1.00	0.03		2.00	448.00	282.00
			1076982	341.71	342.71	1.00	0.05		1.00	58.00	183.00
			1076983	342.71	343.71	1.00	0.03		2.00	35.00	155.00
			1076984	343.71	344.77	1.06	0.03		0.50	22.00	114.00
			1076985	344.77	345.84	1.07	0.02		1.00	23.00	106.00
			1076986	344.77	345.84	1.07	0.02		1.00	24.00	97.00
345.84	366.70	BMS, Biotite Muscovite Schist Typical BMS -5% ser 95% bio alteration. -1% Py	1076987	345.84	347.34	1.50	0.02		0.50	41.00	106.00
			1076988	365.20	366.70	1.50	0.04		2.00	22.00	155.00
366.70	370.11	MSS, Muscovite Sericite Schist MSS hanging wall. -90% ser 10% bio alteration. -Trace Py.	1076989	366.70	367.62	0.92	0.12		2.00	24.00	88.00
			1076991	367.62	368.62	1.00	0.07		4.00	184.00	341.00
			1076992	368.62	369.52	0.90	0.28		2.00	51.00	262.00
			1076993	369.52	370.11	0.59	0.04		2.00	36.00	73.00
370.11	391.45	BMS, Biotite Muscovite Schist Typical BMS -15% ser 85% bio alteration. -1% PY -Trace ASP	1076994	370.11	371.61	1.50	0.05		2.00	32.00	128.00
			1076995	389.95	391.45	1.50	3.06		2.00	62.00	120.00

DETAILED LOG

Hole Number: TL11206A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
391.45	401.07	MSS, Muscovite Sericite Schist MSS hanging wall. -80% ser 20% bio alteration. -2% Py -1% Sph -Trace Pb, Asp	1076996	391.45	392.20	0.75	0.13		3.00	252.00	401.00
			1076997	392.20	393.20	1.00	0.04		2.00	36.00	92.00
			1076998	393.20	393.86	0.66	0.01		0.50	18.00	56.00
			1076999	393.86	394.83	0.97	0.03		2.00	108.00	159.00
			1079251	394.83	395.80	0.97	0.01		2.00	44.00	222.00
			1079252	395.80	396.75	0.95	0.07		2.00	43.00	108.00
			1079253	396.75	397.66	0.91	0.16		1.00	61.00	104.00
			1079254	397.66	398.66	1.00	0.28		5.00	355.00	1130.00
			1079255	398.66	399.46	0.80	0.05		2.00	35.00	80.00
			1079256	398.66	399.46	0.80	0.04		1.00	23.00	66.00
			1079257	399.46	400.26	0.80	0.01		1.00	20.00	58.00
			1079258	400.26	401.07	0.81	0.01		2.00	49.00	69.00
401.07	413.53	BMS, Biotite Muscovite Schist Typical BMS. -5% ser 95% bio alteration. -2% Py, Sph -Trace Pb, Asp	1079259	401.07	402.57	1.50	0.04		1.00	42.00	86.00
			1079261	412.03	413.53	1.50	0.22		1.00	99.00	147.00

## DETAILED LOG

Hole Number: TL11206A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
413.53	458.10	MSS, Muscovite Sericite Schist Main Zone MSS. -Variable 55% ser 45% bio alteration. -3% PY -2% Sph -1% Pb, Asp -Trace Cp	1079262	413.53	414.27	0.74	1.55		6.00	3713.00	15803.00
			1079263	414.27	414.94	0.67	0.34		3.00	2431.00	3911.00
			1079264	414.94	415.61	0.67	0.55		3.00	1782.00	4132.00
			1079265	415.61	416.45	0.84	0.38		0.50	172.00	949.00
			1079266	416.45	417.29	0.84	0.09		2.00	268.00	128.00
			1079267	417.29	418.13	0.84	0.07		0.50	70.00	122.00
			1079268	418.13	418.97	0.84	0.13		0.50	127.00	597.00
			1079269	418.97	419.63	0.66	0.66		3.00	1075.00	2003.00
			1079271	419.63	420.37	0.74	0.24		3.00	983.00	1255.00
			1079272	420.37	421.11	0.74	0.24		2.00	617.00	2775.00
			1079273	421.11	421.93	0.82	0.15		2.00	108.00	112.00
			1079274	421.93	422.91	0.98	0.56		1.00	484.00	1960.00
			1079275	422.91	423.91	1.00	0.20		1.00	64.00	128.00
			1079276	422.91	423.91	1.00	0.22		1.00	53.00	199.00
			1079277	423.91	424.91	1.00	0.06		1.00	43.00	87.00
			1079278	424.91	425.91	1.00	0.04		2.00	53.00	109.00
			1079279	425.91	426.91	1.00	0.04		1.00	54.00	122.00
			1079281	426.91	427.85	0.94	0.13		2.00	34.00	92.00
			1079282	427.85	428.85	1.00	0.02		0.50	36.00	75.00
			1079283	428.85	429.85	1.00	0.01		2.00	29.00	73.00
			1079284	429.85	430.85	1.00	0.02		1.00	24.00	82.00
			1079285	430.85	431.85	1.00	0.03		1.00	15.00	78.00
			1079286	431.85	432.85	1.00	0.11		1.00	49.00	97.00
			1079287	432.85	433.85	1.00	0.27		1.00	54.00	167.00
			1079288	433.85	434.85	1.00	0.07		0.50	31.00	89.00
			1079289	434.85	435.85	1.00	0.09		1.00	28.00	106.00
			1079291	435.85	436.85	1.00	0.40		0.50	59.00	179.00
			1079292	436.85	437.85	1.00	0.03		1.00	31.00	89.00
			1079293	437.85	438.74	0.89	0.09		2.00	29.00	68.00
			1079294	438.74	439.74	1.00	0.39		2.00	220.00	1719.00
			1079295	439.74	440.70	0.96	0.32		1.00	41.00	118.00
			1079296	439.74	440.70	0.96	0.32		2.00	37.00	95.00
			1079297	440.70	441.67	0.97	0.32		2.00	33.00	99.00
			1079298	441.67	442.70	1.03	0.15		1.00	35.00	420.00
			1079299	442.70	443.70	1.00	0.02		2.00	62.00	98.00
			1079301	443.70	444.56	0.86	0.16		2.00	270.00	850.00
			1079302	444.56	445.47	0.91	0.03		1.00	46.00	206.00
			1079303	445.47	446.37	0.90	0.04		2.00	102.00	296.00
			1079304	446.37	447.27	0.90	0.06		1.00	96.00	455.00
			1079305	447.27	448.13	0.86	0.05		1.00	51.00	147.00
			1079306	448.13	449.00	0.87	0.05		1.00	47.00	77.00
			1079307	449.00	449.83	0.83	0.16		2.00	255.00	517.00
			1079308	449.83	450.38	0.55	0.03		2.00	45.00	84.00



## DETAILED LOG

Hole Number: TL11206A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1079309	450.38	451.01	0.63	0.05		0.50	48.00	75.00
			1079311	451.01	452.15	1.14	0.06		1.00	71.00	162.00
			1079312	452.15	452.77	0.62	0.11		3.00	287.00	1420.00
			1079313	452.77	453.77	1.00	0.19		2.00	58.00	89.00
			1079314	453.77	454.77	1.00	0.72		1.00	26.00	58.00
			1079315	454.77	455.77	1.00	0.17		1.00	26.00	56.00
			1079316	454.77	455.77	1.00	0.21		1.00	27.00	54.00
			1079317	455.77	456.77	1.00	0.16		1.00	93.00	155.00
			1079318	456.77	457.44	0.67	0.06		1.00	38.00	162.00
			1079319	457.44	458.10	0.66	0.14		1.00	76.00	310.00
458.10	488.92	BMS, Biotite Muscovite Schist Typical BMS -20% ser 80% bio alteration. -TRace CP, Asp, Pb, Sph. -1% Py	1079321	458.10	459.60	1.50	0.07		1.00	71.00	174.00
			1079322	482.92	484.42	1.50	0.03		3.00	494.00	1244.00
			1079323	484.42	485.92	1.50	0.01		1.00	35.00	90.00
			1079324	485.92	487.42	1.50	0.01		2.00	59.00	115.00
			1079325	487.42	488.92	1.50	0.02		1.00	57.00	101.00
488.92	510.70	MSS, Muscovite Sericite Schist C zone MSS -55% ser 45% bio alteration. -3% Py -2% Sph -1% Pb	1079326	488.92	489.79	0.87	0.25		3.00	515.00	1063.00
			1079327	489.79	490.43	0.64	0.15		3.00	327.00	1801.00
			1079328	490.43	491.08	0.65	0.10		1.00	145.00	529.00
			1079329	491.08	492.00	0.92	0.07		1.00	37.00	658.00
			1079331	492.00	493.00	1.00	0.02		0.50	39.00	77.00
			1079332	493.00	494.03	1.03	0.02		2.00	35.00	82.00
			1079333	494.03	494.66	0.63	1.05		19.00	1171.00	706.00
			1079334	494.66	495.28	0.62	0.03		0.50	38.00	92.00
			1079336	495.28	496.20	0.92	0.15		3.00	213.00	3341.00
			1079335	495.28	496.20	0.92	0.26		3.00	209.00	3018.00
			1079337	496.20	497.04	0.84	0.07		1.00	54.00	393.00
			1079338	497.04	497.86	0.82	0.42		1.00	48.00	93.00
			1079339	497.86	498.68	0.82	0.04		2.00	60.00	191.00
			1079341	498.68	499.68	1.00	0.04		1.00	45.00	93.00
			1079342	499.68	500.68	1.00	0.02		1.00	39.00	79.00
			1079343	500.68	501.68	1.00	0.05		2.00	24.00	68.00
			1079344	501.68	502.68	1.00	0.01		2.00	28.00	90.00
			1079345	502.68	503.68	1.00	0.01		2.00	41.00	109.00
			1079346	503.68	504.68	1.00	0.01		2.00	18.00	77.00
			1079347	504.68	505.68	1.00	0.02		1.00	24.00	69.00
			1079348	505.68	506.68	1.00	0.02		0.50	32.00	97.00
			1079349	506.68	507.44	0.76	0.52		14.00	1306.00	811.00
			1079351	507.44	508.40	0.96	0.06		1.00	79.00	117.00
			1079352	508.40	509.25	0.85	0.07		1.00	26.00	42.00
			1079353	509.25	510.11	0.86	0.10		2.00	44.00	153.00
			1079354	510.11	510.70	0.59	0.70		2.00	65.00	207.00

DETAILED LOG

Hole Number: TL11206A

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
510.70	516.00	BMS, Biotite Muscovite Schist Typical BMS -2% PY. -15% ser 85% bio alteration.	1079355	510.70	512.20	1.50	0.01		2.00	28.00	114.00
			1079356	510.70	512.20	1.50	0.01		0.50	19.00	72.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076959	301.42	302.92	0.0540		1.0000	277.0000	880.0000
1076961	302.92	303.92	0.0150		3.0000	264.0000	159.0000
1076962	303.92	304.92	0.0180		2.0000	217.0000	307.0000
1076963	304.92	305.92	0.0210		1.0000	104.0000	216.0000
1076964	305.92	306.92	0.0280		2.0000	137.0000	222.0000
1076965	306.92	307.92	0.0650		2.0000	231.0000	1110.0000
1076967	307.92	308.92	0.0190		1.0000	89.0000	112.0000
1076968	308.92	309.82	0.0090		1.0000	46.0000	58.0000
1076969	309.82	310.73	0.0070		1.0000	58.0000	126.0000
1076971	310.73	312.23	0.1930		5.0000	238.0000	443.0000
1076972	332.65	334.15	0.0200		1.0000	54.0000	129.0000
1076973	334.15	335.19	0.0540		2.0000	87.0000	244.0000
1076974	335.19	336.00	0.0720		2.0000	298.0000	597.0000
1076975	336.00	336.62	0.0340		1.0000	114.0000	435.0000
1076976	336.62	337.57	0.0230		2.0000	52.0000	104.0000
1076977	337.57	338.57	0.0190		1.0000	62.0000	133.0000
1076978	338.57	339.57	0.0600		2.0000	226.0000	1002.0000
1076979	339.57	340.71	0.0540		2.0000	52.0000	908.0000
1076981	340.71	341.71	0.0250		2.0000	448.0000	282.0000
1076982	341.71	342.71	0.0460		1.0000	58.0000	183.0000
1076983	342.71	343.71	0.0320		2.0000	35.0000	155.0000
1076984	343.71	344.77	0.0300		0.5000	22.0000	114.0000
1076985	344.77	345.84	0.0160		1.0000	23.0000	106.0000
1076987	345.84	347.34	0.0200		0.5000	41.0000	106.0000
1076988	365.20	366.70	0.0390		2.0000	22.0000	155.0000
1076989	366.70	367.62	0.1220		2.0000	24.0000	88.0000
1076991	367.62	368.62	0.0720		4.0000	184.0000	341.0000
1076992	368.62	369.52	0.2770		2.0000	51.0000	262.0000
1076993	369.52	370.11	0.0430		2.0000	36.0000	73.0000
1076994	370.11	371.61	0.0450		2.0000	32.0000	128.0000
1076995	389.95	391.45	3.0580		2.0000	62.0000	120.0000
1076996	391.45	392.20	0.1330		3.0000	252.0000	401.0000

Hole Number: TL11206A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1076997	392.20	393.20	0.0380		2.0000	36.0000	92.0000
1076998	393.20	393.86	0.0080		0.5000	18.0000	56.0000
1076999	393.86	394.83	0.0270		2.0000	108.0000	159.0000
1079251	394.83	395.80	0.0130		2.0000	44.0000	222.0000
1079252	395.80	396.75	0.0670		2.0000	43.0000	108.0000
1079253	396.75	397.66	0.1640		1.0000	61.0000	104.0000
1079254	397.66	398.66	0.2830		5.0000	355.0000	1130.0000
1079255	398.66	399.46	0.0450		2.0000	35.0000	80.0000
1079257	399.46	400.26	0.0140		1.0000	20.0000	58.0000
1079258	400.26	401.07	0.0100		2.0000	49.0000	69.0000
1079259	401.07	402.57	0.0370		1.0000	42.0000	86.0000
1079261	412.03	413.53	0.2220		1.0000	99.0000	147.0000
1079262	413.53	414.27	1.5510		6.0000	3713.0000	15803.0000
1079263	414.27	414.94	0.3380		3.0000	2431.0000	3911.0000
1079264	414.94	415.61	0.5510		3.0000	1782.0000	4132.0000
1079265	415.61	416.45	0.3780		0.5000	172.0000	949.0000
1079266	416.45	417.29	0.0910		2.0000	268.0000	128.0000
1079267	417.29	418.13	0.0670		0.5000	70.0000	122.0000
1079268	418.13	418.97	0.1320		0.5000	127.0000	597.0000
1079269	418.97	419.63	0.6570		3.0000	1075.0000	2003.0000
1079271	419.63	420.37	0.2350		3.0000	983.0000	1255.0000
1079272	420.37	421.11	0.2370		2.0000	617.0000	2775.0000
1079273	421.11	421.93	0.1500		2.0000	108.0000	112.0000
1079274	421.93	422.91	0.5610		1.0000	484.0000	1960.0000
1079275	422.91	423.91	0.1980		1.0000	64.0000	128.0000
1079277	423.91	424.91	0.0610		1.0000	43.0000	87.0000
1079278	424.91	425.91	0.0410		2.0000	53.0000	109.0000
1079279	425.91	426.91	0.0370		1.0000	54.0000	122.0000
1079281	426.91	427.85	0.1320		2.0000	34.0000	92.0000
1079282	427.85	428.85	0.0220		0.5000	36.0000	75.0000
1079283	428.85	429.85	0.0100		2.0000	29.0000	73.0000
1079284	429.85	430.85	0.0170		1.0000	24.0000	82.0000
1079285	430.85	431.85	0.0250		1.0000	15.0000	78.0000
1079286	431.85	432.85	0.1080		1.0000	49.0000	97.0000
1079287	432.85	433.85	0.2650		1.0000	54.0000	167.0000
1079288	433.85	434.85	0.0710		0.5000	31.0000	89.0000
1079289	434.85	435.85	0.0920		1.0000	28.0000	106.0000
1079291	435.85	436.85	0.3970		0.5000	59.0000	179.0000
1079292	436.85	437.85	0.0320		1.0000	31.0000	89.0000

Hole Number: TL11206A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079293	437.85	438.74	0.0930		2.0000	29.0000	68.0000
1079294	438.74	439.74	0.3930		2.0000	220.0000	1719.0000
1079295	439.74	440.70	0.3220		1.0000	41.0000	118.0000
1079297	440.70	441.67	0.3170		2.0000	33.0000	99.0000
1079298	441.67	442.70	0.1490		1.0000	35.0000	420.0000
1079299	442.70	443.70	0.0160		2.0000	62.0000	98.0000
1079301	443.70	444.56	0.1550		2.0000	270.0000	850.0000
1079302	444.56	445.47	0.0280		1.0000	46.0000	206.0000
1079303	445.47	446.37	0.0410		2.0000	102.0000	296.0000
1079304	446.37	447.27	0.0590		1.0000	96.0000	455.0000
1079305	447.27	448.13	0.0510		1.0000	51.0000	147.0000
1079306	448.13	449.00	0.0450		1.0000	47.0000	77.0000
1079307	449.00	449.83	0.1570		2.0000	255.0000	517.0000
1079308	449.83	450.38	0.0270		2.0000	45.0000	84.0000
1079309	450.38	451.01	0.0460		0.5000	48.0000	75.0000
1079311	451.01	452.15	0.0610		1.0000	71.0000	162.0000
1079312	452.15	452.77	0.1100		3.0000	287.0000	1420.0000
1079313	452.77	453.77	0.1880		2.0000	58.0000	89.0000
1079314	453.77	454.77	0.7240		1.0000	26.0000	58.0000
1079315	454.77	455.77	0.1730		1.0000	26.0000	56.0000
1079317	455.77	456.77	0.1610		1.0000	93.0000	155.0000
1079318	456.77	457.44	0.0610		1.0000	38.0000	162.0000
1079319	457.44	458.10	0.1390		1.0000	76.0000	310.0000
1079321	458.10	459.60	0.0670		1.0000	71.0000	174.0000
1079322	482.92	484.42	0.0340		3.0000	494.0000	1244.0000
1079323	484.42	485.92	0.0090		1.0000	35.0000	90.0000
1079324	485.92	487.42	0.0100		2.0000	59.0000	115.0000
1079325	487.42	488.92	0.0150		1.0000	57.0000	101.0000
1079326	488.92	489.79	0.2450		3.0000	515.0000	1063.0000
1079327	489.79	490.43	0.1520		3.0000	327.0000	1801.0000
1079328	490.43	491.08	0.0960		1.0000	145.0000	529.0000
1079329	491.08	492.00	0.0740		1.0000	37.0000	658.0000
1079331	492.00	493.00	0.0210		0.5000	39.0000	77.0000
1079332	493.00	494.03	0.0150		2.0000	35.0000	82.0000
1079333	494.03	494.66	1.0450		19.0000	1171.0000	706.0000
1079334	494.66	495.28	0.0340		0.5000	38.0000	92.0000
1079335	495.28	496.20	0.2550		3.0000	209.0000	3018.0000
1079337	496.20	497.04	0.0710		1.0000	54.0000	393.0000
1079338	497.04	497.86	0.4220		1.0000	48.0000	93.0000

Hole Number: TL11206A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079339	497.86	498.68	0.0410		2.0000	60.0000	191.0000
1079341	498.68	499.68	0.0390		1.0000	45.0000	93.0000
1079342	499.68	500.68	0.0200		1.0000	39.0000	79.0000
1079343	500.68	501.68	0.0490		2.0000	24.0000	68.0000
1079344	501.68	502.68	0.0100		2.0000	28.0000	90.0000
1079345	502.68	503.68	0.0130		2.0000	41.0000	109.0000
1079346	503.68	504.68	0.0100		2.0000	18.0000	77.0000
1079347	504.68	505.68	0.0160		1.0000	24.0000	69.0000
1079348	505.68	506.68	0.0150		0.5000	32.0000	97.0000
1079349	506.68	507.44	0.5200		14.0000	1306.0000	811.0000
1079351	507.44	508.40	0.0570		1.0000	79.0000	117.0000
1079352	508.40	509.25	0.0650		1.0000	26.0000	42.0000
1079353	509.25	510.11	0.0980		2.0000	44.0000	153.0000
1079354	510.11	510.70	0.6960		2.0000	65.0000	207.0000
1079355	510.70	512.20	0.0050		2.0000	28.0000	114.0000
Sample Type	CDUP						
1076966	306.92	307.92	0.1800		2.0000	514.0000	1521.0000
1076986	344.77	345.84	0.0160		1.0000	24.0000	97.0000
1079256	398.66	399.46	0.0370		1.0000	23.0000	66.0000
1079276	422.91	423.91	0.2180		1.0000	53.0000	199.0000
1079296	439.74	440.70	0.3220		2.0000	37.0000	95.0000
1079316	454.77	455.77	0.2060		1.0000	27.0000	54.0000
1079336	495.28	496.20	0.1450		3.0000	213.0000	3341.0000
1079356	510.70	512.20	0.0090		0.5000	19.0000	72.0000

# DETAILED LOG

Hole Number: TL11207

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -78.00
Project Number: TMI-TL	North: 5511612.64	North:	Collar Az: 342.00
Location: Zealand Township	East: 527820.95	East:	Length: 660.00
	Elev: 390.61	Elev:	Start Depth: 0.00
Date Started: Aug 11, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Aug 17, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 660.00

Comments: Hangingwall zone from 456-479.35m. Main zone from 515.3-529.5m. Two footwall zones from 550.98-565.85m and 591.33-602.67m. C-zone is very weakly altered, from 624-640.5m approximately (from mineralization). Hangingwall MSS is very strongly ser/sil. Trace-3% py and trace-1% sph. Best sample from 457.9-458.4m: 20% sph and 3% py. MSS main zone is pervasively ser and very strongly sil. Best samples from 518.59-523m: 2%py, 1%gln, trace sph/cpy; and 523-524m: 11%py, 11%sph, 2%gln, 1%cpy. First MSS footwall zone is strong patchy ser and wkly sil. Best samples from 550.98-553.67m: 2%py, 1%sph, trace gln; and 553.67-565.85m: 3%py, trace sph-gln. Second MSS footwall zone is very strongly ser and mod sil. Best samples from 559.8-602.67: 1-2%py and 1% sph. C-zone from approx. 624-640.5m within BMS, based on mineralization. Mod patchy ser, medium grey in color. Best samples from 628.25-629.25: 1 VG bleb, 2%py, trace sph and gln; and 634.2-640.5: 1-2%py, 1-4%sph, in chl-ep-sill band. RQD interval 501-504m not included due to block error. Data exceeds limit.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	348.00	-79.00	EZ Sho	OK		51.00	350.90	-78.10	EZ Sho	OK	
102.00	353.00	-76.60	EZ Sho	OK		150.00	354.70	-75.10	EZ Sho	OK	
201.00	355.10	-74.30	EZ Sho	OK		258.00	354.70	-73.70	EZ Sho	OK	
303.00	356.00	-73.40	EZ Sho	OK		351.00	355.70	-73.00	EZ Sho	OK	
405.00	356.00	-71.60	EZ Sho	OK		450.00	357.40	-70.50	EZ Sho	OK	
504.00	358.50	-68.80	EZ Sho	OK	No temperature recorded	555.00	359.50	-65.80	EZ Sho	OK	No temperature recorded
600.00	0.90	-64.20	EZ Sho	OK		660.00	0.20	-61.30	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	9.23	OB, Overburden									
9.23	162.00	MSED, Metasediment Unaltered very fine grained MSED with trace py. With semi-massive py band (75%py) with 5% ank from 158.2-158.5m.									
162.00	392.36	BMS, Biotite Muscovite Schist very wkly ser BMS, with trace py. Local v.strong sil associated to mod shallow fracturing.	1078742	387.86	389.36	1.50	0.05		0.50	35.00	70.00
			1078743	389.36	390.86	1.50	1.18		3.00	41.00	54.00
			1078744	390.86	392.36	1.50	0.03		0.50	50.00	159.00

## DETAILED LOG

Hole Number: TL11207

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
392.36	404.03	MSS, Muscovite Sericite Schist Pervasively ser/sil hangingwall MSS. Contains trace-1% py, local 1% aspy (394.8-395.3m) and trace sph (398.1-404.03m).	1078745	392.36	393.36	1.00	0.02		0.50	27.00	125.00
			1078746	392.36	393.36	1.00	0.01		0.50	23.00	91.00
			1078747	393.36	394.36	1.00	0.00		0.50	27.00	28.00
			1078748	394.36	395.00	0.64	0.01		2.00	53.00	105.00
			1078749	395.00	396.00	1.00	0.01		0.50	39.00	48.00
			1078751	396.00	397.00	1.00	0.00		2.00	161.00	76.00
			1078752	397.00	398.00	1.00	0.00		0.50	52.00	33.00
			1078753	398.00	399.00	1.00	0.00		0.50	45.00	55.00
			1078754	399.00	400.00	1.00	0.00		0.50	28.00	4.00
			1078755	400.00	401.00	1.00	0.00		0.50	27.00	8.00
			1078756	401.00	402.00	1.00	0.00		1.00	38.00	1.00
			1078757	402.00	403.00	1.00	0.03		0.50	28.00	2.00
			1078758	403.00	404.03	1.03	0.06		0.50	111.00	250.00
404.03	436.60	BMS, Biotite Muscovite Schist Wkly fracture-controlled ser BMS with trace py/po/aspy.	1078759	404.03	405.53	1.50	0.04		1.00	55.00	51.00
			1078761	405.53	407.03	1.50	0.00		0.50	42.00	43.00
			1078762	407.03	408.53	1.50	0.00		0.50	48.00	70.00
			1078763	430.60	432.10	1.50	0.01		1.00	47.00	78.00
			1078764	432.10	433.60	1.50	0.03		1.00	71.00	149.00
			1078766	433.60	435.10	1.50	0.01		1.00	70.00	104.00
			1078765	433.60	435.10	1.50	0.02		0.50	83.00	149.00
			1078767	435.10	436.60	1.50	0.01		0.50	46.00	53.00
436.60	444.00	MSS, Muscovite Sericite Schist Very strongly ser hangingwall MSS with trace py. Trace sph from 436.6-439.5m.	1078768	436.60	437.60	1.00	0.01		0.50	51.00	115.00
			1078769	437.60	438.60	1.00	0.02		0.50	40.00	34.00
			1078771	438.60	439.60	1.00	0.03		0.50	57.00	74.00
			1078772	439.60	440.60	1.00	0.01		0.50	42.00	40.00
			1078773	440.60	441.60	1.00	0.02		0.50	53.00	48.00
			1078774	441.60	443.00	1.40	0.03		0.50	52.00	53.00
			1078775	443.00	444.00	1.00	0.02		0.50	41.00	53.00
444.00	456.00	BMS, Biotite Muscovite Schist Very wkly ser BMS with trace py.	1078776	444.00	445.50	1.50	0.01		0.50	21.00	35.00
			1078777	445.50	447.00	1.50	0.03		0.50	41.00	57.00
			1078778	447.00	448.50	1.50	0.05		2.00	46.00	67.00
			1078779	448.50	450.00	1.50	0.05		0.50	65.00	70.00
			1078781	450.00	451.50	1.50	0.04		2.00	39.00	68.00
			1078782	451.50	453.00	1.50	0.04		0.50	41.00	82.00
			1078783	453.00	454.50	1.50	0.03		0.50	55.00	59.00
			1078784	454.50	456.00	1.50	0.13		0.50	38.00	108.00

# DETAILED LOG

Hole Number: TL11207

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
456.00	479.35	MSS, Muscovite Sericite Schist Very strongly ser/sil MSS. Trace-3% py and trace-1% sph. Best sample from 457.9-458.4m: 20% sph and 3% py	1078785	456.00	457.00	1.00	0.06		2.00	65.00	475.00
			1078786	456.00	457.00	1.00	0.05		2.00	68.00	653.00
			1078787	457.00	458.00	1.00	0.30		15.00	246.00	730.00
			1078788	458.00	458.50	0.50	0.08		2.00	44.00	15974.00
			1078789	458.50	459.35	0.85	0.07		2.00	59.00	498.00
			1078791	459.35	460.35	1.00	0.05		1.00	38.00	623.00
			1078792	460.35	461.35	1.00	0.20		2.00	75.00	227.00
			1078793	461.35	462.35	1.00	0.03		1.00	82.00	194.00
			1078794	462.35	463.35	1.00	0.15		1.00	85.00	227.00
			1078795	463.35	464.35	1.00	0.10		3.00	168.00	427.00
			1078796	464.35	465.35	1.00	0.01		0.50	44.00	59.00
			1078797	465.35	466.35	1.00	0.01		0.50	33.00	26.00
			1078798	466.35	467.35	1.00	0.01		0.50	19.00	12.00
			1078799	467.35	468.35	1.00	0.01		0.50	22.00	10.00
			1078801	468.35	469.35	1.00	0.01		0.50	40.00	109.00
			1078802	469.35	470.35	1.00	0.01		0.50	37.00	99.00
			1078803	470.35	471.35	1.00	0.01		0.50	23.00	14.00
			1078804	471.35	472.35	1.00	0.01		0.50	26.00	15.00
			1078805	472.35	473.35	1.00	0.01		0.50	24.00	9.00
			1078806	472.35	473.35	1.00	0.01		0.50	27.00	11.00
1078807	473.35	474.35	1.00	0.01		0.50	40.00	90.00			
1078808	474.35	475.35	1.00	0.01		0.50	24.00	56.00			
1078809	475.35	476.35	1.00	0.01		1.00	21.00	24.00			
1078811	476.35	477.35	1.00	0.01		0.50	32.00	54.00			
1078812	477.35	478.35	1.00	0.01		0.50	25.00	226.00			
1078813	478.35	479.35	1.00	0.01		0.50	45.00	200.00			
479.35	515.30	BMS, Biotite Muscovite Schist Wkly ser BMS with 1-2% py and trace sph. Local 50cm patches of pervasive ser.	1078814	479.35	480.85	1.50	0.02		1.00	33.00	53.00
			1078815	480.85	482.35	1.50	0.01		0.50	19.00	36.00
			1078816	482.35	483.85	1.50	0.02		0.50	20.00	36.00
			1078817	510.80	512.30	1.50	0.06		0.50	28.00	39.00
			1078818	512.30	513.80	1.50	0.22		0.50	24.00	41.00
			1078819	513.80	515.30	1.50	0.30		0.50	28.00	50.00



## DETAILED LOG

Hole Number: TL11207

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
515.30	529.50	MSS, Muscovite Sericite Schist	1078821	515.30	516.30	1.00	0.03		1.00	70.00	104.00
		MSS main zone, pervasively ser and very strongly sil. Best samples from 518.59-523m: 2%py, 1%gln, trace sph/cpy; and 523-524m: 11%py, 11%sph, 2%gln, 1%cpy.	1078822	516.30	517.30	1.00	0.09		3.00	170.00	125.00
			1078823	517.30	518.30	1.00	0.03		0.50	80.00	63.00
			1078824	518.30	519.30	1.00	0.12		1.00	341.00	429.00
			1078825	519.30	520.00	0.70	2.33		8.00	3727.00	4752.00
			1078826	519.30	520.00	0.70	2.53		8.00	3470.00	4424.00
			1078827	520.00	521.00	1.00	0.70		2.00	1226.00	1763.00
			1078828	521.00	522.00	1.00	0.53		2.00	732.00	822.00
			1078829	522.00	523.00	1.00	0.46		1.00	501.00	582.00
			1078831	523.00	524.00	1.00	26.74	25.14	60.00	21605.00	33473.00
			1078832	524.00	525.00	1.00	5.21	5.97	3.00	398.00	966.00
			1078833	525.00	526.00	1.00	0.20		2.00	100.00	284.00
			1078834	526.00	527.00	1.00	0.14		1.00	50.00	145.00
			1078835	527.00	528.00	1.00	0.02		2.00	43.00	50.00
			1078836	528.00	529.50	1.50	0.04		5.00	45.00	68.00
529.50	550.98	BMS, Biotite Muscovite Schist	1078837	529.50	531.00	1.50	0.03		1.00	24.00	46.00
		Moderately ser BMS with 1-2% py from 529.5-544.5 and tr-1% until the end of the interval (550.98). With local <1mm sph stringers and po blebs in veins.	1078838	531.00	532.50	1.50	0.05		0.50	40.00	125.00
			1078839	532.50	534.00	1.50	0.06		1.00	38.00	78.00
			1078841	534.00	535.50	1.50	0.33		2.00	25.00	50.00
			1078842	535.50	537.00	1.50	0.16		0.50	24.00	63.00
			1078843	537.00	538.50	1.50	0.71		3.00	163.00	547.00
			1078844	538.50	540.00	1.50	0.61		2.00	47.00	141.00
			1078845	540.00	541.00	1.00	0.13		1.00	43.00	58.00
			1078846	540.00	541.00	1.00	0.18		1.00	47.00	44.00
			1078847	541.00	542.00	1.00	0.37		2.00	58.00	82.00
			1078848	542.00	543.00	1.00	0.08		2.00	33.00	26.00
			1078849	543.00	544.00	1.00	0.32		6.00	43.00	850.00
			1078851	544.00	545.00	1.00	0.07		2.00	28.00	99.00
			1078852	545.00	546.50	1.50	0.04		2.00	27.00	57.00
			1078853	546.50	547.98	1.48	0.08		2.00	30.00	72.00
			1078854	547.98	549.48	1.50	0.02		1.00	27.00	98.00
			1078855	549.48	550.98	1.50	0.04		0.50	29.00	171.00

# DETAILED LOG

Hole Number: TL11207

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
550.98	565.85	MSS, Muscovite Sericite Schist MSS footwall zone. Strong patchy ser and wkly sil. Best samples from 550.98-553.67m: 2%py, 1%sph, trace gln; and 553.67-565.85m: 3%py, trace sph-gln.	1078856	550.98	552.00	1.02	0.32		2.00	37.00	73.00
			1078857	552.00	552.84	0.84	0.94		7.00	237.00	156.00
			1078858	552.84	553.67	0.83	0.80		7.00	810.00	2000.00
			1078859	553.67	555.33	1.66	0.03		1.00	50.00	66.00
			1078861	555.33	555.99	0.66	0.49		3.00	204.00	252.00
			1078862	555.99	556.65	0.66	0.46		5.00	317.00	324.00
			1078863	556.65	557.37	0.72	0.09		1.00	59.00	53.00
			1078864	557.37	558.10	0.73	3.59		23.00	1006.00	189.00
			1078865	558.10	559.10	1.00	0.11		0.50	63.00	60.00
			1078866	558.10	559.10	1.00	0.10		0.50	60.00	79.00
			1078867	559.10	560.10	1.00	0.06		1.00	56.00	94.00
			1078868	560.10	561.10	1.00	0.05		0.50	52.00	91.00
			1078869	561.10	562.10	1.00	0.22		0.50	110.00	196.00
			1078871	562.10	563.10	1.00	2.64		30.00	1919.00	1136.00
			1078872	563.10	564.10	1.00	0.23		2.00	62.00	74.00
			1078873	564.10	564.92	0.82	0.64		6.00	99.00	211.00
1078874	564.92	565.85	0.93	0.10		0.50	47.00	45.00			
565.85	591.33	BMS, Biotite Muscovite Schist Very wkly ser BMS with trace-1% py and trace po.	1078875	565.85	567.35	1.50	0.01		0.50	34.00	31.00
			1078876	567.35	568.85	1.50	0.01		0.50	24.00	31.00
			1078877	568.85	570.35	1.50	0.01		0.50	21.00	20.00
			1078878	570.35	571.85	1.50	0.01		0.50	18.00	113.00
			1078879	571.85	573.35	1.50	0.01		0.50	16.00	33.00
			1078881	573.35	574.85	1.50	0.00		1.00	20.00	30.00
			1078882	574.85	576.35	1.50	0.00		1.00	25.00	36.00
			1078883	576.35	577.85	1.50	0.01		3.00	36.00	52.00
			1078884	577.85	579.35	1.50	0.01		2.00	29.00	30.00
			1078885	579.35	580.85	1.50	0.03		4.00	38.00	138.00
			1078886	579.35	580.85	1.50	0.04		7.00	31.00	146.00
			1078887	580.85	582.35	1.50	0.04		4.00	36.00	86.00
			1078888	582.35	583.85	1.50	0.03		1.00	27.00	51.00
			1078889	583.85	585.35	1.50	0.01		0.50	19.00	22.00
			1078891	585.35	586.85	1.50	0.02		1.00	18.00	25.00
			1078892	586.85	588.35	1.50	0.01		0.50	23.00	17.00
1078893	588.35	589.85	1.50	0.01		0.50	28.00	17.00			
1078894	589.85	591.33	1.48	0.01		0.50	31.00	27.00			

DETAILED LOG

Hole Number: TL11207

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
591.33	602.67	MSS, Muscovite Sericite Schist	1078895	591.33	592.33	1.00	0.18		3.00	88.00	135.00
		Very strongly ser and mod sil MSS footwall zone. Best smaples from 559.8-602.67: 1-2%py and 1% sph.	1078896	592.33	593.33	1.00	0.08		0.50	33.00	60.00
			1078897	593.33	594.33	1.00	0.06		0.50	54.00	184.00
			1078898	594.33	595.33	1.00	0.03		0.50	28.00	63.00
			1078899	595.33	596.33	1.00	0.02		0.50	30.00	43.00
			1078901	596.33	597.33	1.00	0.05		0.50	28.00	31.00
			1078902	597.33	598.50	1.17	0.02		0.50	33.00	42.00
			1078903	598.50	599.67	1.17	0.16		3.00	151.00	446.00
			1078904	599.67	600.67	1.00	0.51		4.00	1007.00	1395.00
			1078905	600.67	601.67	1.00	0.13		2.00	467.00	1639.00
			1078906	600.67	601.67	1.00	0.23		2.00	570.00	1169.00
		1078907	601.67	602.67	1.00	0.07		1.00	79.00	302.00	

DETAILED LOG

Hole Number: TL11207

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
602.67	660.00	BMS, Biotite Muscovite Schist Mod ser BMS until 640.5m, followed by very wkly ser BMS. Contains C-zone from approx. 624-640.5m, based on mineralization. Best samples from approx. 628.25-629.25: 1 VG bleb, 2%py, trace sph and gln; and 634.2-640.5: 1-2%py, 1-4%sph, in chl-ep-sill band. EOH@660m.	1078908	602.67	604.17	1.50	0.09		1.00	41.00	112.00
			1078909	604.17	605.17	1.00	0.08		0.50	95.00	290.00
			1078911	605.17	606.17	1.00	0.02		0.50	46.00	70.00
			1078912	606.17	607.17	1.00	0.07		0.50	45.00	60.00
			1078913	607.17	608.17	1.00	0.04		0.50	42.00	292.00
			1078914	608.17	609.17	1.00	0.43		2.00	383.00	1991.00
			1078915	609.17	610.17	1.00	2.39		0.50	88.00	355.00
			1078916	610.17	611.75	1.58	0.05		0.50	42.00	109.00
			1078917	611.75	613.25	1.50	0.04		0.50	41.00	96.00
			1078918	613.25	614.75	1.50	0.09		0.50	41.00	98.00
			1078919	614.75	616.25	1.50	0.02		0.50	21.00	22.00
			1078921	616.25	617.75	1.50	0.01		0.50	22.00	32.00
			1078922	617.75	619.25	1.50	0.01		0.50	16.00	36.00
			1078923	619.25	620.75	1.50	0.01		0.50	17.00	47.00
			1078924	620.75	622.25	1.50	0.01		1.00	23.00	31.00
			1078925	622.25	623.75	1.50	0.05		0.50	38.00	83.00
			1078926	622.25	623.75	1.50	0.04		0.50	38.00	90.00
			1078927	623.75	625.25	1.50	0.16		0.50	98.00	453.00
			1078928	625.25	626.75	1.50	0.11		0.50	37.00	230.00
			1078929	626.75	628.25	1.50	0.15		0.50	31.00	96.00
			1078931	628.25	629.25	1.00	1.84		2.00	252.00	684.00
			1078932	629.25	630.25	1.00	0.07		1.00	46.00	72.00
			1078933	630.25	631.47	1.22	0.02		0.50	28.00	242.00
			1078934	631.47	632.69	1.22	0.08		0.50	55.00	121.00
			1078935	632.69	633.90	1.21	0.13		0.50	31.00	53.00
			1078936	633.90	634.80	0.90	0.02		3.00	308.00	1532.00
			1078937	634.80	635.70	0.90	0.04		3.00	110.00	43708.00
			1078938	635.70	636.70	1.00	0.17		0.50	54.00	529.00
			1078939	636.70	637.70	1.00	0.13		2.00	240.00	1106.00
			1078941	637.70	639.20	1.50	0.04		0.50	43.00	48.00
		1078942	639.20	640.70	1.50	0.11		0.50	55.00	91.00	
		1078943	640.70	642.20	1.50	0.03		0.50	31.00	75.00	

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078742	387.86	389.36	0.0510		0.5000	35.0000	70.0000
1078743	389.36	390.86	1.1800		3.0000	41.0000	54.0000
1078744	390.86	392.36	0.0280		0.5000	50.0000	159.0000
1078745	392.36	393.36	0.0180		0.5000	27.0000	125.0000
1078747	393.36	394.36	0.0030		0.5000	27.0000	28.0000
1078748	394.36	395.00	0.0050		2.0000	53.0000	105.0000

Hole Number: TL11207

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078749	395.00	396.00	0.0050		0.5000	39.0000	48.0000
1078751	396.00	397.00	0.0020		2.0000	161.0000	76.0000
1078752	397.00	398.00	0.0010		0.5000	52.0000	33.0000
1078753	398.00	399.00	0.0020		0.5000	45.0000	55.0000
1078754	399.00	400.00	0.0005		0.5000	28.0000	4.0000
1078755	400.00	401.00	0.0020		0.5000	27.0000	8.0000
1078756	401.00	402.00	0.0010		1.0000	38.0000	1.0000
1078757	402.00	403.00	0.0300		0.5000	28.0000	2.0000
1078758	403.00	404.03	0.0570		0.5000	111.0000	250.0000
1078759	404.03	405.53	0.0400		1.0000	55.0000	51.0000
1078761	405.53	407.03	0.0030		0.5000	42.0000	43.0000
1078762	407.03	408.53	0.0040		0.5000	48.0000	70.0000
1078763	430.60	432.10	0.0070		1.0000	47.0000	78.0000
1078764	432.10	433.60	0.0280		1.0000	71.0000	149.0000
1078765	433.60	435.10	0.0160		0.5000	83.0000	149.0000
1078767	435.10	436.60	0.0140		0.5000	46.0000	53.0000
1078768	436.60	437.60	0.0140		0.5000	51.0000	115.0000
1078769	437.60	438.60	0.0180		0.5000	40.0000	34.0000
1078771	438.60	439.60	0.0280		0.5000	57.0000	74.0000
1078772	439.60	440.60	0.0080		0.5000	42.0000	40.0000
1078773	440.60	441.60	0.0180		0.5000	53.0000	48.0000
1078774	441.60	443.00	0.0330		0.5000	52.0000	53.0000
1078775	443.00	444.00	0.0210		0.5000	41.0000	53.0000
1078776	444.00	445.50	0.0070		0.5000	21.0000	35.0000
1078777	445.50	447.00	0.0290		0.5000	41.0000	57.0000
1078778	447.00	448.50	0.0450		2.0000	46.0000	67.0000
1078779	448.50	450.00	0.0510		0.5000	65.0000	70.0000
1078781	450.00	451.50	0.0440		2.0000	39.0000	68.0000
1078782	451.50	453.00	0.0400		0.5000	41.0000	82.0000
1078783	453.00	454.50	0.0320		0.5000	55.0000	59.0000
1078784	454.50	456.00	0.1270		0.5000	38.0000	108.0000
1078785	456.00	457.00	0.0590		2.0000	65.0000	475.0000
1078787	457.00	458.00	0.2960		15.0000	246.0000	730.0000
1078788	458.00	458.50	0.0840		2.0000	44.0000	15974.0000
1078789	458.50	459.35	0.0680		2.0000	59.0000	498.0000
1078791	459.35	460.35	0.0470		1.0000	38.0000	623.0000
1078792	460.35	461.35	0.1960		2.0000	75.0000	227.0000
1078793	461.35	462.35	0.0270		1.0000	82.0000	194.0000
1078794	462.35	463.35	0.1450		1.0000	85.0000	227.0000

Hole Number: TL11207

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078795	463.35	464.35	0.1030		3.0000	168.0000	427.0000
1078796	464.35	465.35	0.0090		0.5000	44.0000	59.0000
1078797	465.35	466.35	0.0120		0.5000	33.0000	26.0000
1078798	466.35	467.35	0.0070		0.5000	19.0000	12.0000
1078799	467.35	468.35	0.0110		0.5000	22.0000	10.0000
1078801	468.35	469.35	0.0120		0.5000	40.0000	109.0000
1078802	469.35	470.35	0.0090		0.5000	37.0000	99.0000
1078803	470.35	471.35	0.0070		0.5000	23.0000	14.0000
1078804	471.35	472.35	0.0060		0.5000	26.0000	15.0000
1078805	472.35	473.35	0.0060		0.5000	24.0000	9.0000
1078807	473.35	474.35	0.0060		0.5000	40.0000	90.0000
1078808	474.35	475.35	0.0110		0.5000	24.0000	56.0000
1078809	475.35	476.35	0.0110		1.0000	21.0000	24.0000
1078811	476.35	477.35	0.0120		0.5000	32.0000	54.0000
1078812	477.35	478.35	0.0100		0.5000	25.0000	226.0000
1078813	478.35	479.35	0.0120		0.5000	45.0000	200.0000
1078814	479.35	480.85	0.0210		1.0000	33.0000	53.0000
1078815	480.85	482.35	0.0140		0.5000	19.0000	36.0000
1078816	482.35	483.85	0.0160		0.5000	20.0000	36.0000
1078817	510.80	512.30	0.0630		0.5000	28.0000	39.0000
1078818	512.30	513.80	0.2160		0.5000	24.0000	41.0000
1078819	513.80	515.30	0.3010		0.5000	28.0000	50.0000
1078821	515.30	516.30	0.0260		1.0000	70.0000	104.0000
1078822	516.30	517.30	0.0920		3.0000	170.0000	125.0000
1078823	517.30	518.30	0.0300		0.5000	80.0000	63.0000
1078824	518.30	519.30	0.1240		1.0000	341.0000	429.0000
1078825	519.30	520.00	2.3270		8.0000	3727.0000	4752.0000
1078827	520.00	521.00	0.6950		2.0000	1226.0000	1763.0000
1078828	521.00	522.00	0.5250		2.0000	732.0000	822.0000
1078829	522.00	523.00	0.4620		1.0000	501.0000	582.0000
1078831	523.00	524.00	26.7420	25.1440	60.0000	21605.0000	33473.0000
1078832	524.00	525.00	5.2080	5.9660	3.0000	398.0000	966.0000
1078833	525.00	526.00	0.2020		2.0000	100.0000	284.0000
1078834	526.00	527.00	0.1420		1.0000	50.0000	145.0000
1078835	527.00	528.00	0.0230		2.0000	43.0000	50.0000
1078836	528.00	529.50	0.0350		5.0000	45.0000	68.0000
1078837	529.50	531.00	0.0290		1.0000	24.0000	46.0000
1078838	531.00	532.50	0.0510		0.5000	40.0000	125.0000
1078839	532.50	534.00	0.0550		1.0000	38.0000	78.0000

Hole Number: TL11207

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078841	534.00	535.50	0.3310		2.0000	25.0000	50.0000
1078842	535.50	537.00	0.1620		0.5000	24.0000	63.0000
1078843	537.00	538.50	0.7060		3.0000	163.0000	547.0000
1078844	538.50	540.00	0.6120		2.0000	47.0000	141.0000
1078845	540.00	541.00	0.1270		1.0000	43.0000	58.0000
1078847	541.00	542.00	0.3670		2.0000	58.0000	82.0000
1078848	542.00	543.00	0.0820		2.0000	33.0000	26.0000
1078849	543.00	544.00	0.3160		6.0000	43.0000	850.0000
1078851	544.00	545.00	0.0660		2.0000	28.0000	99.0000
1078852	545.00	546.50	0.0350		2.0000	27.0000	57.0000
1078853	546.50	547.98	0.0810		2.0000	30.0000	72.0000
1078854	547.98	549.48	0.0240		1.0000	27.0000	98.0000
1078855	549.48	550.98	0.0410		0.5000	29.0000	171.0000
1078856	550.98	552.00	0.3240		2.0000	37.0000	73.0000
1078857	552.00	552.84	0.9390		7.0000	237.0000	156.0000
1078858	552.84	553.67	0.7980		7.0000	810.0000	2000.0000
1078859	553.67	555.33	0.0300		1.0000	50.0000	66.0000
1078861	555.33	555.99	0.4910		3.0000	204.0000	252.0000
1078862	555.99	556.65	0.4630		5.0000	317.0000	324.0000
1078863	556.65	557.37	0.0910		1.0000	59.0000	53.0000
1078864	557.37	558.10	3.5910		23.0000	1006.0000	189.0000
1078865	558.10	559.10	0.1080		0.5000	63.0000	60.0000
1078867	559.10	560.10	0.0620		1.0000	56.0000	94.0000
1078868	560.10	561.10	0.0520		0.5000	52.0000	91.0000
1078869	561.10	562.10	0.2240		0.5000	110.0000	196.0000
1078871	562.10	563.10	2.6420		30.0000	1919.0000	1136.0000
1078872	563.10	564.10	0.2340		2.0000	62.0000	74.0000
1078873	564.10	564.92	0.6400		6.0000	99.0000	211.0000
1078874	564.92	565.85	0.0950		0.5000	47.0000	45.0000
1078875	565.85	567.35	0.0120		0.5000	34.0000	31.0000
1078876	567.35	568.85	0.0100		0.5000	24.0000	31.0000
1078877	568.85	570.35	0.0080		0.5000	21.0000	20.0000
1078878	570.35	571.85	0.0140		0.5000	18.0000	113.0000
1078879	571.85	573.35	0.0100		0.5000	16.0000	33.0000
1078881	573.35	574.85	0.0040		1.0000	20.0000	30.0000
1078882	574.85	576.35	0.0030		1.0000	25.0000	36.0000
1078883	576.35	577.85	0.0060		3.0000	36.0000	52.0000
1078884	577.85	579.35	0.0060		2.0000	29.0000	30.0000
1078885	579.35	580.85	0.0270		4.0000	38.0000	138.0000

Hole Number: TL11207

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078887	580.85	582.35	0.0410		4.0000	36.0000	86.0000
1078888	582.35	583.85	0.0260		1.0000	27.0000	51.0000
1078889	583.85	585.35	0.0100		0.5000	19.0000	22.0000
1078891	585.35	586.85	0.0190		1.0000	18.0000	25.0000
1078892	586.85	588.35	0.0090		0.5000	23.0000	17.0000
1078893	588.35	589.85	0.0090		0.5000	28.0000	17.0000
1078894	589.85	591.33	0.0120		0.5000	31.0000	27.0000
1078895	591.33	592.33	0.1780		3.0000	88.0000	135.0000
1078896	592.33	593.33	0.0810		0.5000	33.0000	60.0000
1078897	593.33	594.33	0.0620		0.5000	54.0000	184.0000
1078898	594.33	595.33	0.0290		0.5000	28.0000	63.0000
1078899	595.33	596.33	0.0240		0.5000	30.0000	43.0000
1078901	596.33	597.33	0.0540		0.5000	28.0000	31.0000
1078902	597.33	598.50	0.0240		0.5000	33.0000	42.0000
1078903	598.50	599.67	0.1620		3.0000	151.0000	446.0000
1078904	599.67	600.67	0.5080		4.0000	1007.0000	1395.0000
1078905	600.67	601.67	0.1260		2.0000	467.0000	1639.0000
1078907	601.67	602.67	0.0650		1.0000	79.0000	302.0000
1078908	602.67	604.17	0.0860		1.0000	41.0000	112.0000
1078909	604.17	605.17	0.0780		0.5000	95.0000	290.0000
1078911	605.17	606.17	0.0230		0.5000	46.0000	70.0000
1078912	606.17	607.17	0.0720		0.5000	45.0000	60.0000
1078913	607.17	608.17	0.0410		0.5000	42.0000	292.0000
1078914	608.17	609.17	0.4280		2.0000	383.0000	1991.0000
1078915	609.17	610.17	2.3940		0.5000	88.0000	355.0000
1078916	610.17	611.75	0.0460		0.5000	42.0000	109.0000
1078917	611.75	613.25	0.0400		0.5000	41.0000	96.0000
1078918	613.25	614.75	0.0860		0.5000	41.0000	98.0000
1078919	614.75	616.25	0.0170		0.5000	21.0000	22.0000
1078921	616.25	617.75	0.0110		0.5000	22.0000	32.0000
1078922	617.75	619.25	0.0080		0.5000	16.0000	36.0000
1078923	619.25	620.75	0.0100		0.5000	17.0000	47.0000
1078924	620.75	622.25	0.0100		1.0000	23.0000	31.0000
1078925	622.25	623.75	0.0540		0.5000	38.0000	83.0000
1078927	623.75	625.25	0.1550		0.5000	98.0000	453.0000
1078928	625.25	626.75	0.1060		0.5000	37.0000	230.0000
1078929	626.75	628.25	0.1450		0.5000	31.0000	96.0000
1078931	628.25	629.25	1.8360		2.0000	252.0000	684.0000
1078932	629.25	630.25	0.0700		1.0000	46.0000	72.0000



Hole Number: TL11207

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078933	630.25	631.47	0.0230		0.5000	28.0000	242.0000
1078934	631.47	632.69	0.0770		0.5000	55.0000	121.0000
1078935	632.69	633.90	0.1270		0.5000	31.0000	53.0000
1078936	633.90	634.80	0.0170		3.0000	308.0000	1532.0000
1078937	634.80	635.70	0.0410		3.0000	110.0000	43708.0000
1078938	635.70	636.70	0.1650		0.5000	54.0000	529.0000
1078939	636.70	637.70	0.1290		2.0000	240.0000	1106.0000
1078941	637.70	639.20	0.0390		0.5000	43.0000	48.0000
1078942	639.20	640.70	0.1110		0.5000	55.0000	91.0000
1078943	640.70	642.20	0.0280		0.5000	31.0000	75.0000
Sample Type	CDUP						
1078746	392.36	393.36	0.0140		0.5000	23.0000	91.0000
1078766	433.60	435.10	0.0110		1.0000	70.0000	104.0000
1078786	456.00	457.00	0.0530		2.0000	68.0000	653.0000
1078806	472.35	473.35	0.0060		0.5000	27.0000	11.0000
1078826	519.30	520.00	2.5320		8.0000	3470.0000	4424.0000
1078846	540.00	541.00	0.1820		1.0000	47.0000	44.0000
1078866	558.10	559.10	0.0980		0.5000	60.0000	79.0000
1078886	579.35	580.85	0.0430		7.0000	31.0000	146.0000
1078906	600.67	601.67	0.2290		2.0000	570.0000	1169.0000
1078926	622.25	623.75	0.0350		0.5000	38.0000	90.0000

# DETAILED LOG

Hole Number: TL11208

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -70.00
Project Number: TMI-TL	North: 5511467.96	North:	Collar Az: 350.00
Location: Zealand Township	East: 527195.72	East:	Length: 570.00
	Elev: 395.77	Elev:	Start Depth: 0.00
Date Started: Aug 15, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Aug 17, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 570.00

Comments: Main zone: 462.90-503.66m  
 C zone: 547.24-557.71m  
 Possible VG w/i transparent qtz veinlets at 558.44-558.60m.  
 RQD interval 372-375m not included due to block error. Data exceeds limits.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	346.00	-70.00	EZ Sho	OK		15.00	346.20	-69.70	EZ Sho	OK	
54.00	348.30	-68.00	EZ Sho	OK		111.00	350.30	-64.50	EZ Sho	OK	
150.00	350.80	-62.30	EZ Sho	OK		201.00	352.70	-60.40	EZ Sho	OK	
252.00	353.00	-59.40	EZ Sho	OK		300.00	353.60	-58.40	EZ Sho	OK	
351.00	354.90	-57.90	EZ Sho	OK		402.00	355.60	-56.70	EZ Sho	OK	
450.00	356.00	-55.90	EZ Sho	OK		510.00	358.10	-54.20	EZ Sho	OK	
564.00	359.40	-52.80	EZ Sho	OK	EOH						

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	6.00	OB, Overburden									
6.00	160.24	BS, Biotite Schist									
160.24	360.49	BMS, Biotite Muscovite Schist	1079357	352.99	354.49	1.50	0.10		0.50	2081.00	2181.00
			1079358	354.49	355.99	1.50	0.62		0.50	546.00	784.00
			1079359	355.99	357.49	1.50	0.11		0.50	269.00	385.00
			1079361	357.49	358.99	1.50	0.09		0.50	77.00	351.00
			1079362	358.99	360.49	1.50	0.05		0.50	93.00	185.00
360.49	365.72	MSS, Muscovite Sericite Schist	1079363	360.49	361.49	1.00	0.03		0.50	209.00	537.00
			1079364	361.49	362.49	1.00	0.01		0.50	57.00	108.00
			1079365	362.49	363.49	1.00	0.01		0.50	37.00	41.00
			1079366	363.49	364.72	1.23	0.01		0.50	33.00	84.00
			1079367	364.72	365.72	1.00	0.01		0.50	154.00	65.00
365.72	391.85	BMS, Biotite Muscovite Schist	1079368	365.72	366.72	1.00	0.01		0.50	36.00	101.00
			1079369	366.72	368.22	1.50	0.01		1.00	1373.00	2051.00
			1079371	390.35	391.85	1.50	0.03		0.50	39.00	172.00

## DETAILED LOG

Hole Number: TL11208

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
391.85	400.51	MSS, Muscovite Sericite Schist	1079372	391.85	392.85	1.00	0.18		0.50	132.00	245.00
			1079373	392.85	393.85	1.00	0.04		0.50	51.00	228.00
			1079374	393.85	394.85	1.00	0.06		0.50	103.00	138.00
			1079376	394.85	395.85	1.00	0.05		2.00	84.00	203.00
			1079375	394.85	395.85	1.00	0.05		0.50	76.00	198.00
			1079377	395.85	396.85	1.00	0.04		0.50	55.00	131.00
			1079378	396.85	397.85	1.00	0.03		0.50	24.00	52.00
			1079379	397.85	398.85	1.00	0.03		0.50	17.00	62.00
			1079381	398.85	399.85	1.00	0.08		0.50	32.00	63.00
			1079382	399.85	400.51	0.66	0.09		2.00	110.00	144.00
400.51	415.92	BMS, Biotite Muscovite Schist	1079383	400.51	402.01	1.50	0.20		0.50	31.00	107.00
			1079384	414.42	415.92	1.50	0.05		0.50	23.00	99.00
415.92	419.33	MSS, Muscovite Sericite Schist	1079385	415.92	416.92	1.00	0.37		4.00	199.00	4751.00
			1079386	416.92	417.92	1.00	0.45		0.50	87.00	166.00
			1079387	417.92	419.33	1.41	0.05		0.50	38.00	66.00
419.33	439.47	BMS, Biotite Muscovite Schist	1079388	419.33	420.83	1.50	0.05		0.50	42.00	118.00
			1079389	437.97	439.47	1.50	0.14		0.50	24.00	76.00
439.47	449.07	MSS, Muscovite Sericite Schist	1079391	439.47	440.47	1.00	0.10		0.50	76.00	160.00
			1079392	440.47	441.47	1.00	0.03		0.50	33.00	112.00
			1079393	441.47	442.47	1.00	0.01		0.50	31.00	42.00
			1079394	442.47	443.47	1.00	0.01		0.50	33.00	91.00
			1079396	443.47	444.47	1.00	0.01		0.50	35.00	120.00
			1079395	443.47	444.47	1.00	0.01		0.50	32.00	140.00
			1079397	444.47	445.47	1.00	0.02		0.50	26.00	51.00
			1079398	445.47	446.47	1.00	0.10		0.50	43.00	93.00
			1079399	446.47	447.47	1.00	0.54		5.00	553.00	1262.00
			1079401	447.47	448.47	1.00	0.06		0.50	53.00	85.00
1079402	448.47	449.07	0.60	0.00		0.50	29.00	18.00			
449.07	462.90	BMS, Biotite Muscovite Schist	1079403	449.07	450.57	1.50	0.01		0.50	55.00	292.00
			1079404	450.57	452.07	1.50	0.01		0.50	33.00	83.00
			1079405	452.07	453.57	1.50	1.03		0.50	294.00	1586.00
			1079406	453.57	455.07	1.50	0.41		0.50	222.00	434.00
			1079407	455.07	456.57	1.50	0.05		0.50	50.00	95.00
			1079408	456.57	458.07	1.50	0.12		0.50	56.00	101.00
			1079409	458.07	459.57	1.50	0.61		2.00	643.00	506.00
			1079411	459.57	461.07	1.50	0.39		0.50	190.00	302.00
			1079412	461.07	462.07	1.00	0.28		0.50	70.00	95.00
			1079413	462.07	462.90	0.83	0.58		0.50	127.00	111.00

DETAILED LOG

Hole Number: TL11208

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
462.90	503.66	MSS, Muscovite Sericite Schist Main Zone MSS. -highly variable alteration, poorly ser to highly ser.	1079414	462.90	463.90	1.00	1.21		0.50	1173.00	2762.00
			1079415	463.90	464.90	1.00	0.45		0.50	833.00	1108.00
			1079416	463.90	464.90	1.00	0.26		1.00	559.00	310.00
			1079417	464.90	465.90	1.00	0.18		0.50	416.00	539.00
			1079418	465.90	466.90	1.00	0.20		6.00	3083.00	6717.00
			1079419	466.90	467.90	1.00	0.07		0.50	93.00	103.00
			1079421	467.90	468.90	1.00	0.27		0.50	374.00	181.00
			1079422	468.90	469.90	1.00	0.28		0.50	566.00	1356.00
			1079423	469.90	470.90	1.00	0.30		1.00	348.00	476.00
			1079424	470.90	471.90	1.00	0.56		0.50	20.00	44.00
			1079425	471.90	472.90	1.00	0.05		0.50	16.00	50.00
			1079426	472.90	473.90	1.00	0.04		0.50	10.00	51.00
			1079427	473.90	474.90	1.00	0.51		0.50	42.00	77.00
			1079428	474.90	475.90	1.00	0.07		0.50	265.00	319.00
			1079429	475.90	476.90	1.00	0.08		0.50	48.00	89.00
			1079431	476.90	477.90	1.00	0.35		3.00	458.00	1266.00
			1079432	477.90	478.90	1.00	0.24		0.50	76.00	144.00
			1079433	478.90	479.90	1.00	0.52		0.50	170.00	275.00
			1079434	479.90	480.90	1.00	0.28		0.50	33.00	90.00
			1079436	480.90	481.90	1.00	0.08		0.50	27.00	75.00
			1079435	480.90	481.90	1.00	0.11		0.50	33.00	74.00
			1079437	481.90	482.90	1.00	0.15		0.50	22.00	74.00
			1079438	482.90	483.90	1.00	0.28		0.50	18.00	72.00
			1079439	483.90	484.90	1.00	0.26		2.00	331.00	2107.00
			1079441	484.90	485.90	1.00	0.14		0.50	26.00	72.00
			1079442	485.90	486.90	1.00	0.13		0.50	41.00	97.00
			1079443	486.90	487.90	1.00	0.34		0.50	60.00	268.00
			1079444	487.90	488.90	1.00	0.02		0.50	28.00	90.00
			1079445	488.90	489.90	1.00	0.02		0.50	41.00	84.00
			1079446	489.90	490.90	1.00	0.04		0.50	361.00	454.00
			1079447	490.90	491.90	1.00	0.07		0.50	164.00	231.00
			1079448	491.90	492.90	1.00	0.17		0.50	109.00	382.00
			1079449	492.90	493.90	1.00	0.03		0.50	29.00	45.00
			1079451	493.90	494.90	1.00	0.05		0.50	0.50	0.50
			1079452	494.90	495.90	1.00	0.07		0.50	75.00	199.00
			1079453	495.90	496.90	1.00	0.08		0.50	277.00	317.00
			1079454	496.90	497.90	1.00	0.10		0.50	185.00	787.00
			1079456	497.90	498.90	1.00	0.17		0.50	35.00	111.00
			1079455	497.90	498.90	1.00	0.22		0.50	39.00	113.00
			1079457	498.90	499.90	1.00	0.69		0.50	21.00	17.00
			1079458	499.90	500.90	1.00	0.09		0.50	27.00	25.00
			1079459	500.90	501.90	1.00	0.62		0.50	127.00	301.00
			1079461	501.90	502.90	1.00	0.12		0.50	122.00	226.00

# DETAILED LOG

Hole Number: TL11208

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1079462	502.90	503.66	0.76	0.10		0.50	186.00	399.00
503.66	547.24	BMS, Biotite Muscovite Schist	1079463	503.66	505.16	1.50	0.08		0.50	54.00	136.00
			1079464	524.74	526.24	1.50	0.02		0.50	16.00	41.00
			1079465	526.24	527.74	1.50	0.06		0.50	383.00	1055.00
			1079466	527.74	529.24	1.50	0.01		0.50	75.00	438.00
			1079467	529.24	530.74	1.50	0.07		2.00	480.00	2970.00
			1079468	530.74	532.24	1.50	0.01		0.50	54.00	139.00
			1079469	532.24	533.74	1.50	0.08		0.50	136.00	158.00
			1079471	533.74	535.24	1.50	0.05		0.50	29.00	40.00
			1079472	535.24	536.74	1.50	0.08		0.50	150.00	382.00
			1079473	536.74	538.24	1.50	0.41		4.00	312.00	1091.00
			1079474	538.24	539.74	1.50	0.24		2.00	233.00	1116.00
			1079475	539.74	541.24	1.50	0.11		0.50	54.00	171.00
			1079476	539.74	541.24	1.50	0.03		1.00	57.00	168.00
			1079477	541.24	542.74	1.50	0.06		0.50	47.00	111.00
			1079478	542.74	544.24	1.50	0.04		0.50	16.00	52.00
			1079479	544.24	545.74	1.50	0.02		0.50	11.00	30.00
1079481	545.74	547.24	1.50	0.02		0.50	20.00	51.00			
547.24	557.71	MSS, Muscovite Sericite Schist C zone Mss. Highly variable alteration.	1079482	547.24	548.24	1.00	0.12		3.00	264.00	481.00
			1079483	548.24	549.24	1.00	0.10		2.00	471.00	993.00
			1079484	549.24	550.24	1.00	0.05		0.50	28.00	48.00
			1079485	550.24	551.24	1.00	0.02		0.50	26.00	38.00
			1079486	551.24	552.24	1.00	1.05		0.50	286.00	347.00
			1079487	552.24	553.24	1.00	0.08		0.50	56.00	80.00
			1079488	553.24	554.24	1.00	0.02		0.50	17.00	50.00
			1079489	554.24	555.24	1.00	0.01		0.50	14.00	53.00
			1079491	555.24	556.24	1.00	0.02		0.50	13.00	34.00
			1079492	556.24	557.71	1.47	1.24		9.00	112.00	290.00
557.71	570.00	BMS, Biotite Muscovite Schist Possible VG w/i transparent qtz veinlets at 558.44-558.60m.	1079493	557.71	558.32	0.61	0.07		0.50	44.00	67.00
			1079494	558.32	558.82	0.50	0.85		8.00	201.00	433.00
			1079496	558.82	560.32	1.50	0.02		0.50	16.00	63.00
			1079495	558.82	560.32	1.50	0.03		2.00	18.00	79.00
			1079497	560.32	561.82	1.50	0.02		1.00	20.00	59.00
			1079498	561.82	563.32	1.50	0.33		0.50	34.00	95.00
			1079499	563.32	564.82	1.50	0.08		1.00	39.00	70.00
			1079501	564.82	566.32	1.50	0.01		0.50	93.00	451.00

**Samples**

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079357	352.99	354.49	0.1030		0.5000	2081.0000	2181.0000
1079358	354.49	355.99	0.6160		0.5000	546.0000	784.0000

Hole Number: TL11208

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079359	355.99	357.49	0.1060		0.5000	269.0000	385.0000
1079361	357.49	358.99	0.0880		0.5000	77.0000	351.0000
1079362	358.99	360.49	0.0460		0.5000	93.0000	185.0000
1079363	360.49	361.49	0.0300		0.5000	209.0000	537.0000
1079364	361.49	362.49	0.0100		0.5000	57.0000	108.0000
1079365	362.49	363.49	0.0110		0.5000	37.0000	41.0000
1079366	363.49	364.72	0.0140		0.5000	33.0000	84.0000
1079367	364.72	365.72	0.0050		0.5000	154.0000	65.0000
1079368	365.72	366.72	0.0070		0.5000	36.0000	101.0000
1079369	366.72	368.22	0.0140		1.0000	1373.0000	2051.0000
1079371	390.35	391.85	0.0260		0.5000	39.0000	172.0000
1079372	391.85	392.85	0.1800		0.5000	132.0000	245.0000
1079373	392.85	393.85	0.0400		0.5000	51.0000	228.0000
1079374	393.85	394.85	0.0630		0.5000	103.0000	138.0000
1079375	394.85	395.85	0.0480		0.5000	76.0000	198.0000
1079377	395.85	396.85	0.0430		0.5000	55.0000	131.0000
1079378	396.85	397.85	0.0330		0.5000	24.0000	52.0000
1079379	397.85	398.85	0.0260		0.5000	17.0000	62.0000
1079381	398.85	399.85	0.0780		0.5000	32.0000	63.0000
1079382	399.85	400.51	0.0920		2.0000	110.0000	144.0000
1079383	400.51	402.01	0.2030		0.5000	31.0000	107.0000
1079384	414.42	415.92	0.0540		0.5000	23.0000	99.0000
1079385	415.92	416.92	0.3660		4.0000	199.0000	4751.0000
1079386	416.92	417.92	0.4490		0.5000	87.0000	166.0000
1079387	417.92	419.33	0.0530		0.5000	38.0000	66.0000
1079388	419.33	420.83	0.0480		0.5000	42.0000	118.0000
1079389	437.97	439.47	0.1370		0.5000	24.0000	76.0000
1079391	439.47	440.47	0.1040		0.5000	76.0000	160.0000
1079392	440.47	441.47	0.0310		0.5000	33.0000	112.0000
1079393	441.47	442.47	0.0130		0.5000	31.0000	42.0000
1079394	442.47	443.47	0.0130		0.5000	33.0000	91.0000
1079395	443.47	444.47	0.0100		0.5000	32.0000	140.0000
1079397	444.47	445.47	0.0170		0.5000	26.0000	51.0000
1079398	445.47	446.47	0.1040		0.5000	43.0000	93.0000
1079399	446.47	447.47	0.5400		5.0000	553.0000	1262.0000
1079401	447.47	448.47	0.0550		0.5000	53.0000	85.0000
1079402	448.47	449.07	0.0030		0.5000	29.0000	18.0000
1079403	449.07	450.57	0.0070		0.5000	55.0000	292.0000
1079404	450.57	452.07	0.0140		0.5000	33.0000	83.0000

Hole Number: TL11208

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079405	452.07	453.57	1.0300		0.5000	294.0000	1586.0000
1079406	453.57	455.07	0.4060		0.5000	222.0000	434.0000
1079407	455.07	456.57	0.0520		0.5000	50.0000	95.0000
1079408	456.57	458.07	0.1200		0.5000	56.0000	101.0000
1079409	458.07	459.57	0.6130		2.0000	643.0000	506.0000
1079411	459.57	461.07	0.3890		0.5000	190.0000	302.0000
1079412	461.07	462.07	0.2790		0.5000	70.0000	95.0000
1079413	462.07	462.90	0.5840		0.5000	127.0000	111.0000
1079414	462.90	463.90	1.2070		0.5000	1173.0000	2762.0000
1079415	463.90	464.90	0.4530		0.5000	833.0000	1108.0000
1079417	464.90	465.90	0.1760		0.5000	416.0000	539.0000
1079418	465.90	466.90	0.1990		6.0000	3083.0000	6717.0000
1079419	466.90	467.90	0.0700		0.5000	93.0000	103.0000
1079421	467.90	468.90	0.2730		0.5000	374.0000	181.0000
1079422	468.90	469.90	0.2760		0.5000	566.0000	1356.0000
1079423	469.90	470.90	0.2990		1.0000	348.0000	476.0000
1079424	470.90	471.90	0.5570		0.5000	20.0000	44.0000
1079425	471.90	472.90	0.0490		0.5000	16.0000	50.0000
1079426	472.90	473.90	0.0410		0.5000	10.0000	51.0000
1079427	473.90	474.90	0.5140		0.5000	42.0000	77.0000
1079428	474.90	475.90	0.0700		0.5000	265.0000	319.0000
1079429	475.90	476.90	0.0770		0.5000	48.0000	89.0000
1079431	476.90	477.90	0.3520		3.0000	458.0000	1266.0000
1079432	477.90	478.90	0.2420		0.5000	76.0000	144.0000
1079433	478.90	479.90	0.5240		0.5000	170.0000	275.0000
1079434	479.90	480.90	0.2820		0.5000	33.0000	90.0000
1079435	480.90	481.90	0.1100		0.5000	33.0000	74.0000
1079437	481.90	482.90	0.1490		0.5000	22.0000	74.0000
1079438	482.90	483.90	0.2800		0.5000	18.0000	72.0000
1079439	483.90	484.90	0.2640		2.0000	331.0000	2107.0000
1079441	484.90	485.90	0.1400		0.5000	26.0000	72.0000
1079442	485.90	486.90	0.1320		0.5000	41.0000	97.0000
1079443	486.90	487.90	0.3400		0.5000	60.0000	268.0000
1079444	487.90	488.90	0.0220		0.5000	28.0000	90.0000
1079445	488.90	489.90	0.0190		0.5000	41.0000	84.0000
1079446	489.90	490.90	0.0430		0.5000	361.0000	454.0000
1079447	490.90	491.90	0.0650		0.5000	164.0000	231.0000
1079448	491.90	492.90	0.1650		0.5000	109.0000	382.0000
1079449	492.90	493.90	0.0310		0.5000	29.0000	45.0000

Hole Number: TL11208

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079451	493.90	494.90	0.0490		0.5000	0.5000	0.5000
1079452	494.90	495.90	0.0670		0.5000	75.0000	199.0000
1079453	495.90	496.90	0.0840		0.5000	277.0000	317.0000
1079454	496.90	497.90	0.1020		0.5000	185.0000	787.0000
1079455	497.90	498.90	0.2190		0.5000	39.0000	113.0000
1079457	498.90	499.90	0.6930		0.5000	21.0000	17.0000
1079458	499.90	500.90	0.0890		0.5000	27.0000	25.0000
1079459	500.90	501.90	0.6230		0.5000	127.0000	301.0000
1079461	501.90	502.90	0.1190		0.5000	122.0000	226.0000
1079462	502.90	503.66	0.1010		0.5000	186.0000	399.0000
1079463	503.66	505.16	0.0810		0.5000	54.0000	136.0000
1079464	524.74	526.24	0.0220		0.5000	16.0000	41.0000
1079465	526.24	527.74	0.0590		0.5000	383.0000	1055.0000
1079466	527.74	529.24	0.0050		0.5000	75.0000	438.0000
1079467	529.24	530.74	0.0660		2.0000	480.0000	2970.0000
1079468	530.74	532.24	0.0050		0.5000	54.0000	139.0000
1079469	532.24	533.74	0.0780		0.5000	136.0000	158.0000
1079471	533.74	535.24	0.0510		0.5000	29.0000	40.0000
1079472	535.24	536.74	0.0770		0.5000	150.0000	382.0000
1079473	536.74	538.24	0.4070		4.0000	312.0000	1091.0000
1079474	538.24	539.74	0.2420		2.0000	233.0000	1116.0000
1079475	539.74	541.24	0.1050		0.5000	54.0000	171.0000
1079477	541.24	542.74	0.0620		0.5000	47.0000	111.0000
1079478	542.74	544.24	0.0370		0.5000	16.0000	52.0000
1079479	544.24	545.74	0.0220		0.5000	11.0000	30.0000
1079481	545.74	547.24	0.0210		0.5000	20.0000	51.0000
1079482	547.24	548.24	0.1240		3.0000	264.0000	481.0000
1079483	548.24	549.24	0.0960		2.0000	471.0000	993.0000
1079484	549.24	550.24	0.0490		0.5000	28.0000	48.0000
1079485	550.24	551.24	0.0190		0.5000	26.0000	38.0000
1079486	551.24	552.24	1.0500		0.5000	286.0000	347.0000
1079487	552.24	553.24	0.0760		0.5000	56.0000	80.0000
1079488	553.24	554.24	0.0190		0.5000	17.0000	50.0000
1079489	554.24	555.24	0.0130		0.5000	14.0000	53.0000
1079491	555.24	556.24	0.0190		0.5000	13.0000	34.0000
1079492	556.24	557.71	1.2390		9.0000	112.0000	290.0000
1079493	557.71	558.32	0.0720		0.5000	44.0000	67.0000
1079494	558.32	558.82	0.8480		8.0000	201.0000	433.0000
1079495	558.82	560.32	0.0250		2.0000	18.0000	79.0000



Hole Number: TL11208

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079497	560.32	561.82	0.0230		1.0000	20.0000	59.0000
1079498	561.82	563.32	0.3300		0.5000	34.0000	95.0000
1079499	563.32	564.82	0.0840		1.0000	39.0000	70.0000
1079501	564.82	566.32	0.0050		0.5000	93.0000	451.0000
Sample Type	CDUP						
1079376	394.85	395.85	0.0510		2.0000	84.0000	203.0000
1079396	443.47	444.47	0.0130		0.5000	35.0000	120.0000
1079416	463.90	464.90	0.2570		1.0000	559.0000	310.0000
1079436	480.90	481.90	0.0750		0.5000	27.0000	75.0000
1079456	497.90	498.90	0.1650		0.5000	35.0000	111.0000
1079476	539.74	541.24	0.0250		1.0000	57.0000	168.0000
1079496	558.82	560.32	0.0200		0.5000	16.0000	63.0000



# DETAILED LOG

Hole Number: TL11209A

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: 50.00
Project Number: TMI-TL	North: 5511708.96	North:	Collar Az: 355.00
Location: Zealand Township	East: 527068.48	East:	Length: 210.00
	Elev: 401.01	Elev:	Start Depth: 0.00
Date Started: Aug 18, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Aug 19, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 210.00

Comments: Main zone- highly variable sericitization.  
 128.83-169.84m  
 C zone- highly variable sericitization.  
 198.70-206.80m

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	350.00	-51.00	EZ Sho	OK		27.00	350.90	-50.90	EZ Sho	OK	
60.00	355.70	-50.00	EZ Sho	OK		102.00	354.80	-48.90	EZ Sho	OK	
150.00	355.40	-46.90	EZ Sho	OK		201.00	354.80	-44.20	EZ Sho	OK	
210.00	354.40	-43.60	EZ Sho	OK							

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	4.50	CAS, Casing									
4.50	9.00	UNK, Unknown Redrilled TL11209. First new rock intercepted at 9m.									
9.00	23.48	BMS, Biotite Muscovite Schist	1079502	21.98	23.48	1.50	0.01		1.00	62.00	223.00
23.48	33.08	MSS, Muscovite Sericite Schist	1079503	23.48	24.48	1.00	0.01		1.00	47.00	92.00
			1079504	24.48	25.48	1.00	0.02		3.00	706.00	1611.00
			1079505	25.48	26.48	1.00	0.07		24.00	2961.00	8051.00
			1079506	26.48	27.48	1.00	0.01		1.00	60.00	177.00
			1079507	27.48	28.48	1.00	0.01		1.00	24.00	106.00
			1079508	28.48	29.48	1.00	0.03		0.50	25.00	88.00
			1079509	29.48	30.48	1.00	0.02		0.50	20.00	85.00
			1079511	30.48	31.48	1.00	0.01		2.00	82.00	89.00
			1079512	31.48	32.48	1.00	0.02		1.00	76.00	170.00
			1079513	32.48	33.08	0.60	0.11		2.00	231.00	771.00
33.08	51.41	BMS, Biotite Muscovite Schist	1079514	33.08	34.58	1.50	0.02		0.50	28.00	87.00
			1079516	49.91	51.41	1.50	3.56		1.00	33.00	113.00
			1079515	49.91	51.41	1.50	3.29		0.50	36.00	180.00

## DETAILED LOG

Hole Number: TL11209A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
51.41	54.17	MSS, Muscovite Sericite Schist	1079517	51.41	52.41	1.00	1.38		2.00	43.00	469.0
			1079518	52.41	53.41	1.00	0.24		0.50	32.00	169.0
			1079519	53.41	54.17	0.76	0.09		0.50	31.00	104.0
54.17	62.66	BMS, Biotite Muscovite Schist	1079521	54.17	55.67	1.50	0.26		0.50	26.00	102.0
			1079522	61.16	62.66	1.50	0.09		0.50	34.00	89.0
62.66	64.10	MSS, Muscovite Sericite Schist	1079523	62.66	64.10	1.44	0.81		1.00	186.00	468.0
64.10	96.44	BMS, Biotite Muscovite Schist	1079524	64.10	65.60	1.50	0.34		0.50	43.00	86.0
			1079525	94.94	96.44	1.50	0.01		0.50	25.00	82.0
96.44	107.77	MSS, Muscovite Sericite Schist	1079526	96.44	97.44	1.00	0.02		0.50	18.00	61.0
			1079527	97.44	98.44	1.00	0.03		0.50	15.00	48.0
			1079528	98.44	99.44	1.00	0.02		0.50	11.00	56.0
			1079529	99.44	100.44	1.00	0.01		0.50	9.00	41.0
			1079531	100.44	101.44	1.00	0.80		0.50	9.00	42.0
			1079532	101.44	102.44	1.00	0.05		0.50	5.00	30.0
			1079533	102.44	103.44	1.00	0.04		0.50	12.00	26.0
			1079534	103.44	104.44	1.00	0.02		0.50	21.00	53.0
			1079536	104.44	105.44	1.00	0.01		0.50	30.00	63.0
			1079535	104.44	105.44	1.00	0.01		0.50	35.00	78.0
			1079537	105.44	106.44	1.00	0.01		0.50	48.00	73.0
1079538	106.44	107.44	1.00	0.23		2.00	51.00	160.0			
1079539	107.44	109.27	1.83	0.01		0.50	26.00	45.0			
107.77	128.83	BMS, Biotite Muscovite Schist	1079541	127.33	128.83	1.50	0.04		0.50	103.00	291.0

## DETAILED LOG

Hole Number: TL11209A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
128.83	169.84	MSS, Muscovite Sericite Schist Main zone Highly variable alteration.	1079542	128.83	129.83	1.00	0.06		0.50	103.00	232.00
			1079543	129.83	130.83	1.00	0.05		0.50	73.00	101.00
			1079544	130.83	131.83	1.00	0.19		2.00	852.00	805.00
			1079545	131.83	132.83	1.00	0.22		1.00	298.00	921.00
			1079546	132.83	133.83	1.00	0.96		6.00	1424.00	698.00
			1079547	133.83	134.83	1.00	0.56		3.00	784.00	1246.00
			1079548	134.83	135.83	1.00	0.03		0.50	62.00	142.00
			1079549	135.83	136.83	1.00	0.07		1.00	127.00	86.00
			1079551	136.83	137.75	0.92	0.23		1.00	405.00	921.00
			1079552	137.75	138.30	0.55	0.08		0.50	136.00	782.00
			1079553	138.30	139.30	1.00	0.71		8.00	1572.00	6724.00
			1079554	139.30	140.30	1.00	0.22		5.00	215.00	407.00
			1079555	140.30	141.30	1.00	2.28		4.00	1693.00	6318.00
			1079556	140.30	141.30	1.00	0.69		3.00	1747.00	3251.00
			1079557	141.30	142.30	1.00	1.23		3.00	1958.00	2000.00
			1079558	142.30	143.30	1.00	0.24		2.00	481.00	739.00
			1079559	143.30	144.30	1.00	0.17		1.00	177.00	347.00
			1079561	144.30	145.30	1.00	0.07		2.00	41.00	636.00
			1079562	145.30	146.30	1.00	0.02		0.50	28.00	60.00
			1079563	146.30	147.30	1.00	0.12		2.00	88.00	204.00
			1079564	147.30	148.30	1.00	0.14		2.00	85.00	118.00
			1079565	148.30	149.30	1.00	0.48		8.00	529.00	440.00
			1079566	149.30	150.30	1.00	1.18		9.00	2005.00	1309.00
			1079567	150.30	151.30	1.00	0.26		1.00	194.00	152.00
			1079568	151.30	152.30	1.00	0.03		0.50	41.00	110.00
			1079569	152.30	153.30	1.00	0.02		0.50	22.00	59.00
			1079571	153.30	154.30	1.00	0.05		1.00	0.50	4.00
			1079572	154.30	155.30	1.00	0.04		0.50	0.50	0.50
			1079573	155.30	156.30	1.00	0.08		0.50	0.50	0.50
			1079574	156.30	157.30	1.00	0.08		1.00	210.00	222.00
			1079576	157.30	158.30	1.00	0.07		1.00	151.00	196.00
			1079575	157.30	158.30	1.00	0.18		1.00	113.00	175.00
			1079577	158.30	159.30	1.00	0.06		1.00	90.00	159.00
			1079578	159.30	160.30	1.00	0.17		1.00	252.00	654.00
			1079579	160.30	161.30	1.00	0.17		2.00	342.00	923.00
			1079581	161.30	162.30	1.00	0.08		2.00	502.00	887.00
			1079582	162.30	163.30	1.00	0.04		0.50	115.00	260.00
			1079583	163.30	164.30	1.00	0.13		4.00	1820.00	2852.00
			1079584	164.30	165.30	1.00	0.04		1.00	362.00	1021.00
			1079585	165.30	166.30	1.00	0.01		2.00	1118.00	6248.00
			1079586	166.30	167.30	1.00	0.03		0.50	172.00	477.00
			1079587	167.30	168.30	1.00	0.03		0.50	115.00	132.00
			1079588	168.30	169.30	1.00	0.05		1.00	325.00	1142.00

DETAILED LOG

Hole Number: TL11209A

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1079589	169.30	169.84	0.54	0.03		1.00	583.00	267.00
169.84	198.70	BMS, Biotite Muscovite Schist	1079591	169.84	171.34	1.50	0.03		1.00	159.00	218.00
			1079592	171.34	172.84	1.50	0.05		0.50	96.00	175.00
			1079593	172.84	174.34	1.50	0.03		0.50	116.00	242.00
			1079594	174.34	175.84	1.50	0.03		0.50	180.00	641.00
			1079595	175.84	177.34	1.50	0.11		2.00	757.00	1445.00
			1079596	175.84	177.34	1.50	0.05		3.00	1189.00	4350.00
			1079597	177.34	178.84	1.50	0.08		1.00	191.00	281.00
			1079598	178.84	180.34	1.50	0.04		0.50	75.00	139.00
			1079599	180.34	181.84	1.50	0.06		1.00	175.00	322.00
			1079601	181.84	183.34	1.50	0.02		0.50	15.00	50.00
			1079602	183.34	184.84	1.50	0.01		0.50	17.00	46.00
			1079603	184.84	186.34	1.50	0.07		0.50	16.00	49.00
			1079604	186.34	187.84	1.50	0.11		0.50	14.00	340.00
			1079605	187.84	189.34	1.50	0.07		0.50	8.00	58.00
			1079606	189.34	190.84	1.50	0.11		0.50	11.00	58.00
		1079607	190.84	192.34	1.50	0.04		0.50	8.00	233.00	
		1079608	192.34	193.84	1.50	0.01		0.50	20.00	62.00	
		1079609	193.84	195.34	1.50	0.03		1.00	87.00	674.00	
		1079611	195.34	196.84	1.50	0.02		1.00	13.00	47.00	
		1079612	196.84	197.84	1.00	0.03		3.00	356.00	630.00	
		1079613	197.84	198.70	0.86	0.03		1.00	36.00	81.00	
198.70	206.80	MSS, Muscovite Sericite Schist C zone Highly variable sericitization.	1079614	198.70	199.70	1.00	0.31		2.00	50.00	145.00
			1079615	199.70	200.70	1.00	0.12		2.00	48.00	617.00
			1079616	199.70	200.70	1.00	0.13		2.00	48.00	514.00
			1079617	200.70	201.70	1.00	0.35		5.00	125.00	266.00
			1079618	201.70	202.70	1.00	0.09		2.00	26.00	580.00
			1079619	202.70	203.70	1.00	0.04		0.50	19.00	50.00
			1079621	203.70	204.70	1.00	0.03		1.00	23.00	53.00
			1079622	204.70	205.70	1.00	0.03		1.00	31.00	115.00
			1079623	205.70	206.80	1.10	0.04		2.00	67.00	135.00
206.80	210.00		BMS, Biotite Muscovite Schist	1079624	206.80	208.30	1.50	0.03		1.00	30.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079502	21.98	23.48	0.0120		1.0000	62.0000	223.0000
1079503	23.48	24.48	0.0140		1.0000	47.0000	92.0000
1079504	24.48	25.48	0.0160		3.0000	706.0000	1611.0000
1079505	25.48	26.48	0.0700		24.0000	2961.0000	8051.0000
1079506	26.48	27.48	0.0130		1.0000	60.0000	177.0000
1079507	27.48	28.48	0.0140		1.0000	24.0000	106.0000

Hole Number: TL11209A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079508	28.48	29.48	0.0290		0.5000	25.0000	88.0000
1079509	29.48	30.48	0.0180		0.5000	20.0000	85.0000
1079511	30.48	31.48	0.0130		2.0000	82.0000	89.0000
1079512	31.48	32.48	0.0230		1.0000	76.0000	170.0000
1079513	32.48	33.08	0.1140		2.0000	231.0000	771.0000
1079514	33.08	34.58	0.0210		0.5000	28.0000	87.0000
1079515	49.91	51.41	3.2880		0.5000	36.0000	180.0000
1079517	51.41	52.41	1.3770		2.0000	43.0000	469.0000
1079518	52.41	53.41	0.2400		0.5000	32.0000	169.0000
1079519	53.41	54.17	0.0870		0.5000	31.0000	104.0000
1079521	54.17	55.67	0.2570		0.5000	26.0000	102.0000
1079522	61.16	62.66	0.0910		0.5000	34.0000	89.0000
1079523	62.66	64.10	0.8060		1.0000	186.0000	468.0000
1079524	64.10	65.60	0.3370		0.5000	43.0000	86.0000
1079525	94.94	96.44	0.0100		0.5000	25.0000	82.0000
1079526	96.44	97.44	0.0220		0.5000	18.0000	61.0000
1079527	97.44	98.44	0.0280		0.5000	15.0000	48.0000
1079528	98.44	99.44	0.0220		0.5000	11.0000	56.0000
1079529	99.44	100.44	0.0130		0.5000	9.0000	41.0000
1079531	100.44	101.44	0.7960		0.5000	9.0000	42.0000
1079532	101.44	102.44	0.0450		0.5000	5.0000	30.0000
1079533	102.44	103.44	0.0370		0.5000	12.0000	26.0000
1079534	103.44	104.44	0.0170		0.5000	21.0000	53.0000
1079535	104.44	105.44	0.0120		0.5000	35.0000	78.0000
1079537	105.44	106.44	0.0140		0.5000	48.0000	73.0000
1079538	106.44	107.44	0.2280		2.0000	51.0000	160.0000
1079539	107.44	109.27	0.0070		0.5000	26.0000	45.0000
1079541	127.33	128.83	0.0370		0.5000	103.0000	291.0000
1079542	128.83	129.83	0.0610		0.5000	103.0000	232.0000
1079543	129.83	130.83	0.0480		0.5000	73.0000	101.0000
1079544	130.83	131.83	0.1860		2.0000	852.0000	805.0000
1079545	131.83	132.83	0.2160		1.0000	298.0000	921.0000
1079546	132.83	133.83	0.9560		6.0000	1424.0000	698.0000
1079547	133.83	134.83	0.5570		3.0000	784.0000	1246.0000
1079548	134.83	135.83	0.0290		0.5000	62.0000	142.0000
1079549	135.83	136.83	0.0670		1.0000	127.0000	86.0000
1079551	136.83	137.75	0.2280		1.0000	405.0000	921.0000
1079552	137.75	138.30	0.0770		0.5000	136.0000	782.0000
1079553	138.30	139.30	0.7130		8.0000	1572.0000	6724.0000

Hole Number: TL11209A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079554	139.30	140.30	0.2210		5.0000	215.0000	407.0000
1079555	140.30	141.30	2.2840		4.0000	1693.0000	6318.0000
1079557	141.30	142.30	1.2280		3.0000	1958.0000	2000.0000
1079558	142.30	143.30	0.2360		2.0000	481.0000	739.0000
1079559	143.30	144.30	0.1690		1.0000	177.0000	347.0000
1079561	144.30	145.30	0.0690		2.0000	41.0000	636.0000
1079562	145.30	146.30	0.0190		0.5000	28.0000	60.0000
1079563	146.30	147.30	0.1200		2.0000	88.0000	204.0000
1079564	147.30	148.30	0.1410		2.0000	85.0000	118.0000
1079565	148.30	149.30	0.4800		8.0000	529.0000	440.0000
1079566	149.30	150.30	1.1770		9.0000	2005.0000	1309.0000
1079567	150.30	151.30	0.2610		1.0000	194.0000	152.0000
1079568	151.30	152.30	0.0300		0.5000	41.0000	110.0000
1079569	152.30	153.30	0.0240		0.5000	22.0000	59.0000
1079571	153.30	154.30	0.0510		1.0000	0.5000	4.0000
1079572	154.30	155.30	0.0350		0.5000	0.5000	0.5000
1079573	155.30	156.30	0.0780		0.5000	0.5000	0.5000
1079574	156.30	157.30	0.0780		1.0000	210.0000	222.0000
1079575	157.30	158.30	0.1760		1.0000	113.0000	175.0000
1079577	158.30	159.30	0.0590		1.0000	90.0000	159.0000
1079578	159.30	160.30	0.1730		1.0000	252.0000	654.0000
1079579	160.30	161.30	0.1730		2.0000	342.0000	923.0000
1079581	161.30	162.30	0.0760		2.0000	502.0000	887.0000
1079582	162.30	163.30	0.0370		0.5000	115.0000	260.0000
1079583	163.30	164.30	0.1340		4.0000	1820.0000	2852.0000
1079584	164.30	165.30	0.0440		1.0000	362.0000	1021.0000
1079585	165.30	166.30	0.0060		2.0000	1118.0000	6248.0000
1079586	166.30	167.30	0.0310		0.5000	172.0000	477.0000
1079587	167.30	168.30	0.0290		0.5000	115.0000	132.0000
1079588	168.30	169.30	0.0510		1.0000	325.0000	1142.0000
1079589	169.30	169.84	0.0280		1.0000	583.0000	267.0000
1079591	169.84	171.34	0.0250		1.0000	159.0000	218.0000
1079592	171.34	172.84	0.0540		0.5000	96.0000	175.0000
1079593	172.84	174.34	0.0260		0.5000	116.0000	242.0000
1079594	174.34	175.84	0.0250		0.5000	180.0000	641.0000
1079595	175.84	177.34	0.1060		2.0000	757.0000	1445.0000
1079597	177.34	178.84	0.0840		1.0000	191.0000	281.0000
1079598	178.84	180.34	0.0430		0.5000	75.0000	139.0000
1079599	180.34	181.84	0.0610		1.0000	175.0000	322.0000



Hole Number: TL11209A

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079601	181.84	183.34	0.0190		0.5000	15.0000	50.0000
1079602	183.34	184.84	0.0100		0.5000	17.0000	46.0000
1079603	184.84	186.34	0.0740		0.5000	16.0000	49.0000
1079604	186.34	187.84	0.1080		0.5000	14.0000	340.0000
1079605	187.84	189.34	0.0690		0.5000	8.0000	58.0000
1079606	189.34	190.84	0.1140		0.5000	11.0000	58.0000
1079607	190.84	192.34	0.0430		0.5000	8.0000	233.0000
1079608	192.34	193.84	0.0130		0.5000	20.0000	62.0000
1079609	193.84	195.34	0.0250		1.0000	87.0000	674.0000
1079611	195.34	196.84	0.0200		1.0000	13.0000	47.0000
1079612	196.84	197.84	0.0290		3.0000	356.0000	630.0000
1079613	197.84	198.70	0.0270		1.0000	36.0000	81.0000
1079614	198.70	199.70	0.3050		2.0000	50.0000	145.0000
1079615	199.70	200.70	0.1170		2.0000	48.0000	617.0000
1079617	200.70	201.70	0.3460		5.0000	125.0000	266.0000
1079618	201.70	202.70	0.0880		2.0000	26.0000	580.0000
1079619	202.70	203.70	0.0360		0.5000	19.0000	50.0000
1079621	203.70	204.70	0.0310		1.0000	23.0000	53.0000
1079622	204.70	205.70	0.0290		1.0000	31.0000	115.0000
1079623	205.70	206.80	0.0390		2.0000	67.0000	135.0000
1079624	206.80	208.30	0.0340		1.0000	30.0000	79.0000
Sample Type	CDUP						
1079516	49.91	51.41	3.5560		1.0000	33.0000	113.0000
1079536	104.44	105.44	0.0120		0.5000	30.0000	63.0000
1079556	140.30	141.30	0.6940		3.0000	1747.0000	3251.0000
1079576	157.30	158.30	0.0740		1.0000	151.0000	196.0000
1079596	175.84	177.34	0.0540		3.0000	1189.0000	4350.0000
1079616	199.70	200.70	0.1280		2.0000	48.0000	514.0000

# DETAILED LOG

Hole Number: TL11210 Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511703.46	North:	Collar Az: 320.00
Location: Zealand Township	East: 527805.70	East:	Length: 450.00
	Elev: 391.96	Elev:	Start Depth: 0.00
Date Started: Jul 11, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Aug 25, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 450.00

Comments: MSS main zone from 278.94-344.71 m w/ moderate to strong silicification and weak to strong sericitization. Increased alteration and mineralization in the bottom 20 m of the interval. 10-11% py, 3-4% sph and galena, 2-3% asp, and trace ank and po. Moderately silicified and weakly sericitized MSS C-zone from 397.68-434.42 m. Increased mineralization adj to the upper and lower contacts. 10-11% py to 411 m, 8-9% py to end of interval. Trace asp to 433.31 m and 4-5 % asp to end of the interval. 2-3% sph and galena.

### Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	320.00	-64.00	EZ Sho	OK	No temp recorded	21.00	319.50	-63.30	EZ Sho	OK	No temp recorded
51.00	320.50	-62.30	EZ Sho	OK		102.00	323.20	-59.70	EZ Sho	OK	
150.00	323.50	-58.80	EZ Sho	OK		201.00	324.90	-57.10	EZ Sho	OK	
252.00	325.40	-55.80	EZ Sho	OK		300.00	325.40	-54.00	EZ Sho	OK	
351.00	327.70	-52.30	EZ Sho	OK		405.00	330.10	-50.00	EZ Sho	OK	
450.00	331.10	-49.00	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	15.00	OB, Overburden									
15.00	182.54	BMS, Biotite Muscovite Schist Typical BMS interval w/ 9-10% diss py to 150.37, 7-8% py to end of interval. 1% sph from 150.37 m to end of the interval. Greater concentration of sulph stringers at lower contact. Two strong faults.	1079004	181.54	182.54	1.00	0.03		2.00	83.00	304.00
182.54	196.02	MSS, Muscovite Sericite Schist Very strongly sericitized and strongly silicified MSS hanging wall. 6-7% py and trace po and sph. Greater conc of sulphides at the bottom contact.	1079005	182.54	183.99	1.45	0.02		2.00	63.00	162.00
			1079006	182.54	183.99	1.45	0.02		2.00	62.00	160.00
			1079007	183.99	185.52	1.53	0.01		1.00	45.00	112.00
			1079008	185.52	186.97	1.45	0.02		2.00	23.00	105.00
			1079009	186.97	188.42	1.45	0.05		2.00	56.00	137.00
			1079011	188.42	189.87	1.45	0.02		1.00	31.00	66.00
			1079012	189.87	191.32	1.45	0.02		2.00	27.00	39.00
			1079013	191.32	192.68	1.36	0.04		2.00	21.00	32.00
			1079014	192.68	194.14	1.46	0.06		3.00	26.00	109.00
			1079015	194.14	195.45	1.31	0.02		2.00	19.00	243.00
			1079016	195.45	196.02	0.57	0.02		2.00	20.00	37.00

DETAILED LOG

Hole Number: TL11210

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
196.02	278.94	BMS, Biotite Muscovite Schist BMS interval w/ very weak to weak sericitization and moderate silicification. Larger concentration of sulph stringers in lower 20 m. 8-9% py, 1-2% asp, 2% sph and trace ank and po.	1079017	196.02	197.07	1.05	0.01		1.00	10.00	61.00
			1079018	256.31	257.81	1.50	0.07		4.00	665.00	2314.00
			1079019	257.81	259.31	1.50	0.03		1.00	98.00	79.00
			1079021	259.31	260.81	1.50	0.03		0.50	39.00	56.00
			1079022	260.81	261.79	0.98	0.15		0.50	74.00	89.00
			1079023	261.79	263.22	1.43	0.03		1.00	290.00	214.00
			1079024	263.22	264.72	1.50	0.03		0.50	26.00	62.00
			1079026	264.72	265.83	1.11	0.38		1.00	23.00	64.00
			1079025	264.72	265.83	1.11	0.15		0.50	20.00	61.00
			1079027	265.83	267.33	1.50	0.17		1.00	125.00	437.00
			1079028	267.33	268.83	1.50	0.28		0.50	22.00	130.00
			1079029	268.83	270.33	1.50	0.19		0.50	27.00	432.00
			1079031	270.33	271.83	1.50	0.06		0.50	20.00	89.00
			1079032	271.83	273.33	1.50	0.02		0.50	22.00	96.00
			1079033	273.33	274.72	1.39	0.01		0.50	13.00	53.00
			1079034	274.72	276.22	1.50	0.00		0.50	26.00	51.00
		1079035	276.22	277.72	1.50	0.01		0.50	23.00	64.00	
		1079036	277.72	278.94	1.22	0.01		0.50	5.00	51.00	

DETAILED LOG

Hole Number: TL11210

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
278.94	344.71	MSS, Muscovite Sericite Schist	1079037	278.94	279.94	1.00	0.03		0.50	30.00	94.00
		MSS main zone w/ moderate to strong silicification and weak to strong sericitization. Increased alteration and mineralization in the bottom 20 m of the interval. 10-11% py, 3-4% sph and galena, 2-3% asp, and trace ank and po.	1079038	279.94	280.94	1.00	0.11		2.00	537.00	542.00
			1079039	280.94	282.00	1.06	0.02		1.00	55.00	81.00
			1079041	282.00	283.00	1.00	0.04		0.50	44.00	197.00
			1079042	283.00	284.00	1.00	0.02		0.50	175.00	354.00
			1079043	284.00	285.00	1.00	0.05		2.00	426.00	810.00
			1079044	285.00	286.00	1.00	0.09		1.00	246.00	240.00
			1079045	286.00	287.00	1.00	0.08		2.00	311.00	84.00
			1079046	286.00	287.00	1.00	0.07		2.00	315.00	103.00
			1079047	287.00	288.26	1.26	0.05		0.50	23.00	50.00
			1079048	288.26	289.30	1.04	0.48		3.00	585.00	1651.00
			1079049	289.30	290.30	1.00	0.06		0.50	26.00	68.00
			1079051	290.30	291.30	1.00	0.07		2.00	143.00	169.00
			1079052	291.30	292.37	1.07	0.04		0.50	67.00	119.00
			1079053	292.37	293.37	1.00	0.08		1.00	80.00	130.00
			1079054	293.37	294.37	1.00	0.06		1.00	63.00	131.00
			1079055	294.37	295.37	1.00	0.04		0.50	31.00	74.00
			1079056	295.37	296.31	0.94	0.08		0.50	17.00	45.00
			1079057	296.31	297.31	1.00	0.20		1.00	52.00	100.00
			1079058	297.31	298.31	1.00	0.11		1.00	15.00	51.00
			1079059	298.31	299.15	0.84	0.04		0.50	17.00	59.00
			1079061	299.15	300.15	1.00	0.46		2.00	163.00	299.00
			1079062	300.15	300.87	0.72	2.64		0.50	27.00	51.00
			1079063	300.87	301.78	0.91	2.27		8.00	1731.00	4549.00
			1079064	301.78	302.78	1.00	0.06		2.00	54.00	138.00
			1079066	302.78	303.78	1.00	0.07		1.00	9.00	52.00
			1079065	302.78	303.78	1.00	0.09		1.00	17.00	64.00
			1079067	303.78	304.78	1.00	0.10		0.50	11.00	50.00
			1079068	304.78	305.78	1.00	0.09		0.50	13.00	55.00
			1079069	305.78	306.78	1.00	0.61		0.50	25.00	76.00
			1079071	306.78	307.78	1.00	0.05		0.50	13.00	58.00
			1079072	307.78	308.78	1.00	0.67		1.00	32.00	210.00
			1079073	308.78	310.00	1.22	0.48		2.00	28.00	100.00
			1079074	310.00	311.00	1.00	5.44		1.00	32.00	101.00
			1079075	311.00	312.00	1.00	0.19		1.00	35.00	48.00
			1079076	312.00	313.00	1.00	0.19		1.00	34.00	87.00
			1079077	313.00	314.00	1.00	0.36		0.50	32.00	94.00
			1079078	314.00	314.85	0.85	0.13		1.00	21.00	64.00
			1079079	314.85	315.85	1.00	0.23		1.00	26.00	87.00
			1079081	315.85	316.75	0.90	0.24		0.50	24.00	60.00
			1079082	316.75	317.75	1.00	0.10		0.50	51.00	109.00
			1079083	317.75	318.75	1.00	1.11		2.00	150.00	157.00
			1079084	318.75	319.75	1.00	0.02		0.50	28.00	56.00

## DETAILED LOG

Hole Number: TL11210

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1079085	319.75	320.75	1.00	0.04		0.50	20.00	33.00
			1079086	319.75	320.75	1.00	0.02		0.50	21.00	45.00
			1079087	320.75	321.59	0.84	0.05		2.00	114.00	175.00
			1079088	321.59	322.59	1.00	0.08		1.00	25.00	130.00
			1079089	322.59	323.59	1.00	0.63		3.00	156.00	128.00
			1079091	323.59	324.59	1.00	0.56		1.00	64.00	758.00
			1079092	324.59	325.64	1.05	0.12		0.50	19.00	48.00
			1079093	325.64	326.64	1.00	0.04		0.50	22.00	49.00
			1079094	326.64	327.41	0.77	0.05		0.50	20.00	76.00
			1079095	327.41	328.41	1.00	0.50		12.00	1223.00	3464.00
			1079096	328.41	329.45	1.04	0.03		1.00	45.00	81.00
			1079097	329.45	330.45	1.00	0.16		1.00	58.00	180.00
			1079098	330.45	331.50	1.05	0.52		5.00	197.00	561.00
			1079099	331.50	332.50	1.00	1.91		4.00	112.00	257.00
			1079101	332.50	333.50	1.00	0.12		2.00	372.00	200.00
			1079102	333.50	334.50	1.00	0.03		0.50	37.00	59.00
			1079103	334.50	335.50	1.00	0.03		1.00	90.00	72.00
			1079104	335.50	336.58	1.08	0.09		1.00	57.00	97.00
			1079105	336.58	337.58	1.00	0.05		0.50	31.00	46.00
			1079106	336.58	337.58	1.00	0.05		1.00	28.00	45.00
			1079107	337.58	338.58	1.00	0.05		0.50	32.00	117.00
			1079108	338.58	339.53	0.95	0.90		9.00	800.00	1484.00
			1079109	339.53	340.53	1.00	0.03		1.00	24.00	256.00
			1079111	340.53	341.67	1.14	0.01		0.50	7.00	45.00
			1079112	341.67	342.67	1.00	0.01		0.50	3.00	35.00
			1079113	342.67	343.71	1.04	0.02		0.50	8.00	118.00
			1079114	343.71	344.71	1.00	0.01		1.00	14.00	30.00
344.71	381.00	BMS, Biotite Muscovite Schist	1079115	344.71	346.21	1.50	0.09		1.00	11.00	50.00
		BMS interval w/ moderate silicification increasing to strong leading up to the lower contact. Interval of increased mineralization near lower contact. 8-9% py to 359.53 m, 10-11% py to 373.37m and 4-5% py to end of interval. Trace sph to 369 m and 2% sph to 372.56 m. Trace asp and gn.	1079116	369.00	370.00	1.00	0.13		5.00	1654.00	3786.00
			1079117	370.00	371.00	1.00	0.05		2.00	77.00	186.00
			1079118	371.00	372.00	1.00	0.13		1.00	32.00	97.00
			1079119	372.00	373.00	1.00	0.01		4.00	913.00	1551.00
			1079121	373.00	374.00	1.00	0.05		0.50	32.00	96.00
			1079122	380.00	381.00	1.00	0.06		1.00	262.00	433.00

Hole Number: TL11210

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
381.00	391.40	MSS, Muscovite Sericite Schist	1079123	381.00	382.00	1.00	0.04		0.50	24.00	102.00
		Moderately silicified and weakly sericitized MSS footwall. Abundant sulphides w/i a ch rich intercal from 387.9-388.1 m w/ 3% gn. 6-7% py over entire interval, and 3% sph from 387.9-390.92 m.	1079124	382.00	383.00	1.00	0.03		0.50	26.00	89.00
			1079125	383.00	384.00	1.00	0.02		0.50	33.00	183.00
			1079126	383.00	384.00	1.00	0.03		1.00	116.00	366.00
			1079127	384.00	385.00	1.00	0.01		1.00	67.00	231.00
			1079128	385.00	386.00	1.00	0.02		0.50	33.00	143.00
			1079129	386.00	387.48	1.48	0.03		0.50	58.00	343.00
			1079131	387.48	388.48	1.00	0.47		19.00	1063.00	12646.00
			1079132	388.48	389.48	1.00	0.06		1.00	42.00	876.00
			1079133	389.48	390.54	1.06	0.04		1.00	274.00	113.00
			1079134	390.54	391.40	0.86	0.08		2.00	274.00	1958.00
391.40	397.68	BMS, Biotite Muscovite Schist	1079135	391.40	392.92	1.52	0.20		6.00	762.00	276.00
		Typical BMS interval. 8-9% py and trace sph and galena.	1079136	396.18	397.68	1.50	0.16		2.00	147.00	232.00



Hole Number: TL11210

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079004	181.54	182.54	0.0330		2.0000	83.0000	304.0000
1079005	182.54	183.99	0.0210		2.0000	63.0000	162.0000
1079007	183.99	185.52	0.0130		1.0000	45.0000	112.0000
1079008	185.52	186.97	0.0160		2.0000	23.0000	105.0000
1079009	186.97	188.42	0.0470		2.0000	56.0000	137.0000
1079011	188.42	189.87	0.0220		1.0000	31.0000	66.0000
1079012	189.87	191.32	0.0210		2.0000	27.0000	39.0000
1079013	191.32	192.68	0.0380		2.0000	21.0000	32.0000
1079014	192.68	194.14	0.0570		3.0000	26.0000	109.0000
1079015	194.14	195.45	0.0170		2.0000	19.0000	243.0000
1079016	195.45	196.02	0.0160		2.0000	20.0000	37.0000
1079017	196.02	197.07	0.0060		1.0000	10.0000	61.0000
1079018	256.31	257.81	0.0740		4.0000	665.0000	2314.0000
1079019	257.81	259.31	0.0340		1.0000	98.0000	79.0000
1079021	259.31	260.81	0.0260		0.5000	39.0000	56.0000
1079022	260.81	261.79	0.1540		0.5000	74.0000	89.0000
1079023	261.79	263.22	0.0300		1.0000	290.0000	214.0000
1079024	263.22	264.72	0.0300		0.5000	26.0000	62.0000
1079025	264.72	265.83	0.1480		0.5000	20.0000	61.0000
1079027	265.83	267.33	0.1700		1.0000	125.0000	437.0000
1079028	267.33	268.83	0.2820		0.5000	22.0000	130.0000
1079029	268.83	270.33	0.1880		0.5000	27.0000	432.0000
1079031	270.33	271.83	0.0630		0.5000	20.0000	89.0000
1079032	271.83	273.33	0.0230		0.5000	22.0000	96.0000
1079033	273.33	274.72	0.0100		0.5000	13.0000	53.0000
1079034	274.72	276.22	0.0040		0.5000	26.0000	51.0000
1079035	276.22	277.72	0.0120		0.5000	23.0000	64.0000
1079036	277.72	278.94	0.0140		0.5000	5.0000	51.0000
1079037	278.94	279.94	0.0330		0.5000	30.0000	94.0000
1079038	279.94	280.94	0.1140		2.0000	537.0000	542.0000
1079039	280.94	282.00	0.0240		1.0000	55.0000	81.0000
1079041	282.00	283.00	0.0370		0.5000	44.0000	197.0000
1079042	283.00	284.00	0.0220		0.5000	175.0000	354.0000
1079043	284.00	285.00	0.0500		2.0000	426.0000	810.0000
1079044	285.00	286.00	0.0920		1.0000	246.0000	240.0000
1079045	286.00	287.00	0.0810		2.0000	311.0000	84.0000
1079047	287.00	288.26	0.0530		0.5000	23.0000	50.0000
1079048	288.26	289.30	0.4820		3.0000	585.0000	1651.0000
1079049	289.30	290.30	0.0550		0.5000	26.0000	68.0000



Hole Number: TL11210

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079051	290.30	291.30	0.0650		2.0000	143.0000	169.0000
1079052	291.30	292.37	0.0440		0.5000	67.0000	119.0000
1079053	292.37	293.37	0.0810		1.0000	80.0000	130.0000
1079054	293.37	294.37	0.0610		1.0000	63.0000	131.0000
1079055	294.37	295.37	0.0420		0.5000	31.0000	74.0000
1079056	295.37	296.31	0.0770		0.5000	17.0000	45.0000
1079057	296.31	297.31	0.1960		1.0000	52.0000	100.0000
1079058	297.31	298.31	0.1110		1.0000	15.0000	51.0000
1079059	298.31	299.15	0.0410		0.5000	17.0000	59.0000
1079061	299.15	300.15	0.4580		2.0000	163.0000	299.0000
1079062	300.15	300.87	2.6390		0.5000	27.0000	51.0000
1079063	300.87	301.78	2.2650		8.0000	1731.0000	4549.0000
1079064	301.78	302.78	0.0580		2.0000	54.0000	138.0000
1079065	302.78	303.78	0.0900		1.0000	17.0000	64.0000
1079067	303.78	304.78	0.0970		0.5000	11.0000	50.0000
1079068	304.78	305.78	0.0890		0.5000	13.0000	55.0000
1079069	305.78	306.78	0.6070		0.5000	25.0000	76.0000
1079071	306.78	307.78	0.0480		0.5000	13.0000	58.0000
1079072	307.78	308.78	0.6710		1.0000	32.0000	210.0000
1079073	308.78	310.00	0.4820		2.0000	28.0000	100.0000
1079074	310.00	311.00	5.4410		1.0000	32.0000	101.0000
1079075	311.00	312.00	0.1880		1.0000	35.0000	48.0000
1079076	312.00	313.00	0.1940		1.0000	34.0000	87.0000
1079077	313.00	314.00	0.3570		0.5000	32.0000	94.0000
1079078	314.00	314.85	0.1270		1.0000	21.0000	64.0000
1079079	314.85	315.85	0.2320		1.0000	26.0000	87.0000
1079081	315.85	316.75	0.2350		0.5000	24.0000	60.0000
1079082	316.75	317.75	0.1040		0.5000	51.0000	109.0000
1079083	317.75	318.75	1.1130		2.0000	150.0000	157.0000
1079084	318.75	319.75	0.0170		0.5000	28.0000	56.0000
1079085	319.75	320.75	0.0410		0.5000	20.0000	33.0000
1079087	320.75	321.59	0.0510		2.0000	114.0000	175.0000
1079088	321.59	322.59	0.0830		1.0000	25.0000	130.0000
1079089	322.59	323.59	0.6300		3.0000	156.0000	128.0000
1079091	323.59	324.59	0.5640		1.0000	64.0000	758.0000
1079092	324.59	325.64	0.1210		0.5000	19.0000	48.0000
1079093	325.64	326.64	0.0400		0.5000	22.0000	49.0000
1079094	326.64	327.41	0.0450		0.5000	20.0000	76.0000
1079095	327.41	328.41	0.5030		12.0000	1223.0000	3464.0000

Hole Number: TL11210

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079096	328.41	329.45	0.0340		1.0000	45.0000	81.0000
1079097	329.45	330.45	0.1620		1.0000	58.0000	180.0000
1079098	330.45	331.50	0.5150		5.0000	197.0000	561.0000
1079099	331.50	332.50	1.9050		4.0000	112.0000	257.0000
1079101	332.50	333.50	0.1150		2.0000	372.0000	200.0000
1079102	333.50	334.50	0.0330		0.5000	37.0000	59.0000
1079103	334.50	335.50	0.0300		1.0000	90.0000	72.0000
1079104	335.50	336.58	0.0890		1.0000	57.0000	97.0000
1079105	336.58	337.58	0.0530		0.5000	31.0000	46.0000
1079107	337.58	338.58	0.0490		0.5000	32.0000	117.0000
1079108	338.58	339.53	0.9000		9.0000	800.0000	1484.0000
1079109	339.53	340.53	0.0340		1.0000	24.0000	256.0000
1079111	340.53	341.67	0.0140		0.5000	7.0000	45.0000
1079112	341.67	342.67	0.0080		0.5000	3.0000	35.0000
1079113	342.67	343.71	0.0190		0.5000	8.0000	118.0000
1079114	343.71	344.71	0.0070		1.0000	14.0000	30.0000
1079115	344.71	346.21	0.0910		1.0000	11.0000	50.0000
1079116	369.00	370.00	0.1330		5.0000	1654.0000	3786.0000
1079117	370.00	371.00	0.0530		2.0000	77.0000	186.0000
1079118	371.00	372.00	0.1320		1.0000	32.0000	97.0000
1079119	372.00	373.00	0.0080		4.0000	913.0000	1551.0000
1079121	373.00	374.00	0.0480		0.5000	32.0000	96.0000
1079122	380.00	381.00	0.0590		1.0000	262.0000	433.0000
1079123	381.00	382.00	0.0410		0.5000	24.0000	102.0000
1079124	382.00	383.00	0.0340		0.5000	26.0000	89.0000
1079125	383.00	384.00	0.0200		0.5000	33.0000	183.0000
1079127	384.00	385.00	0.0130		1.0000	67.0000	231.0000
1079128	385.00	386.00	0.0190		0.5000	33.0000	143.0000
1079129	386.00	387.48	0.0250		0.5000	58.0000	343.0000
1079131	387.48	388.48	0.4650		19.0000	1063.0000	12646.0000
1079132	388.48	389.48	0.0600		1.0000	42.0000	876.0000
1079133	389.48	390.54	0.0370		1.0000	274.0000	113.0000
1079134	390.54	391.40	0.0770		2.0000	274.0000	1958.0000
1079135	391.40	392.92	0.2000		6.0000	762.0000	276.0000
1079136	396.18	397.68	0.1600		2.0000	147.0000	232.0000
1079137	397.68	398.60	0.7420		3.0000	386.0000	2940.0000
1079138	398.60	399.60	0.3690		1.0000	131.0000	148.0000
1079139	399.60	400.60	1.1010		2.0000	60.0000	136.0000
1079141	400.60	401.10	0.3310		2.0000	151.0000	346.0000

Hole Number: TL11210

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079142	401.10	402.10	0.3370		3.0000	623.0000	1115.0000
1079143	402.10	402.82	0.0510		1.0000	81.0000	118.0000
1079144	402.82	403.52	0.1790		2.0000	92.0000	590.0000
1079145	403.52	404.52	0.5660		3.0000	243.0000	3556.0000
1079147	404.52	405.52	0.1330		2.0000	43.0000	138.0000
1079148	405.52	406.60	0.1470		2.0000	54.0000	113.0000
1079149	406.60	407.72	0.1780		4.0000	89.0000	399.0000
1079151	407.72	408.72	3.6990		30.0000	998.0000	3080.0000
1079152	408.72	410.06	0.0750		2.0000	60.0000	165.0000
1079153	410.06	411.06	4.3230		46.0000	3165.0000	6250.0000
1079154	411.06	412.06	0.0890		2.0000	120.0000	412.0000
1079155	412.06	413.11	0.0670		2.0000	83.0000	191.0000
1079156	413.11	414.11	0.0790		2.0000	62.0000	158.0000
1079157	414.11	415.25	0.6250		2.0000	48.0000	109.0000
1079158	415.25	416.25	0.3390		10.0000	1244.0000	2003.0000
1079159	416.25	417.25	2.3060		21.0000	969.0000	427.0000
1079161	417.25	418.25	0.0260		1.0000	48.0000	81.0000
1079162	418.25	419.33	0.0850		2.0000	45.0000	158.0000
1079163	419.33	420.33	0.4850		2.0000	152.0000	196.0000
1079164	420.33	421.33	0.0220		1.0000	36.0000	115.0000
1079165	421.33	422.33	0.1410		1.0000	35.0000	103.0000
1079167	422.33	423.33	0.1230		1.0000	32.0000	98.0000
1079168	423.33	424.33	0.1040		2.0000	64.0000	113.0000
1079169	424.33	425.33	0.0790		5.0000	313.0000	855.0000
1079171	425.33	426.33	0.4480		6.0000	278.0000	325.0000
1079172	426.33	427.33	0.5630		5.0000	118.0000	215.0000
1079173	427.33	428.33	0.0630		1.0000	95.0000	168.0000
1079174	428.33	429.33	0.0480		0.5000	63.0000	122.0000
1079175	429.33	430.33	0.1420		2.0000	148.0000	384.0000
1079176	430.33	431.33	0.6800		2.0000	220.0000	730.0000
1079177	431.33	432.33	0.1280		2.0000	161.0000	456.0000
1079178	432.33	432.94	0.2370		1.0000	130.0000	1633.0000
1079179	432.94	433.90	0.2780		2.0000	66.0000	630.0000
1079181	433.90	434.42	0.0640		1.0000	22.0000	193.0000
1079182	434.42	435.93	0.0270		0.5000	25.0000	182.0000
Sample Type	CDUP						
1079006	182.54	183.99	0.0190		2.0000	62.0000	160.0000
1079026	264.72	265.83	0.3780		1.0000	23.0000	64.0000
1079046	286.00	287.00	0.0700		2.0000	315.0000	103.0000

Hole Number: TL11210

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	CDUP						
1079066	302.78	303.78	0.0710		1.0000	9.0000	52.0000
1079086	319.75	320.75	0.0220		0.5000	21.0000	45.0000
1079106	336.58	337.58	0.0480		1.0000	28.0000	45.0000
1079126	383.00	384.00	0.0330		1.0000	116.0000	366.0000
1079146	403.52	404.52	0.4830		3.0000	199.0000	4197.0000
1079166	421.33	422.33	0.2640		2.0000	38.0000	113.0000



## DETAILED LOG

Hole Number: TL11211

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
1.50	105.97	BMS, Biotite Muscovite Schist	1078944	55.50	57.00	1.50	0.01		2.00	46.00	476.00
		Typical BMS until ~70m where it becomes moderately sericitized and silicified.	1078946	57.00	58.00	1.00	0.01		2.00	36.00	189.00
		Transitions into main zone. Within this area there is increased pyrite	1078945	57.00	58.00	1.00	0.01		2.00	33.00	242.00
		mineralization and appearances of other sulfides including sph, cpy, po, and gn	1078947	66.00	67.50	1.50	0.01		0.50	12.00	69.00
			1078948	67.50	69.00	1.50	0.05		1.00	14.00	61.00
			1078949	69.00	70.50	1.50	0.03		1.00	29.00	58.00
			1078951	70.50	72.00	1.50	0.11		3.00	327.00	255.00
			1078952	72.00	73.50	1.50	0.01		1.00	23.00	110.00
			1078953	73.50	75.00	1.50	0.01		0.50	13.00	55.00
			1078954	75.00	76.50	1.50	0.02		1.00	12.00	40.00
			1078955	76.50	78.00	1.50	0.06		1.00	11.00	54.00
			1078956	78.00	79.50	1.50	0.02		1.00	14.00	48.00
			1078957	79.50	81.00	1.50	0.51		1.00	20.00	567.00
			1078958	81.00	82.50	1.50	0.02		0.50	9.00	82.00
			1078959	82.50	84.00	1.50	0.02		1.00	4.00	36.00
			1078961	84.00	85.50	1.50	0.01		1.00	6.00	58.00
			1078962	85.50	87.00	1.50	0.05		3.00	33.00	138.00
			1078963	87.00	88.50	1.50	0.05		5.00	204.00	574.00
			1078964	88.50	90.00	1.50	0.01		1.00	30.00	65.00
			1078965	90.00	91.50	1.50	0.02		0.50	50.00	107.00
			1078966	90.00	91.50	1.50	0.02		0.50	50.00	126.00
			1078967	91.50	93.00	1.50	0.01		0.50	15.00	69.00
			1078968	93.00	94.50	1.50	0.02		0.50	14.00	56.00
			1078969	94.50	96.00	1.50	0.02		0.50	30.00	77.00
			1078971	96.00	97.50	1.50	0.02		0.50	18.00	50.00
			1078972	97.50	99.00	1.50	0.03		1.00	19.00	92.00
			1078973	99.00	100.50	1.50	0.04		2.00	25.00	141.00
			1078974	100.50	102.00	1.50	0.07		0.50	32.00	66.00
			1078975	102.00	103.50	1.50	0.07		2.00	36.00	83.00
			1078976	103.50	105.00	1.50	0.04		0.50	9.00	34.00
			1078977	105.00	105.97	0.97	0.03		2.00	61.00	39.00

DETAILED LOG

Hole Number: TL11211

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
105.97	119.27	MSS, Muscovite Sericite Schist	1078978	105.97	107.00	1.03	0.08		2.00	174.00	265.00
		Strongly sericitized and silicified Main zone. Common sulfide (sph, py, gn, cpy) stringers distributed throughout zone. Best interval between 116.25-116.62 with 3 condensed areas of sulfide bands.	1078979	107.00	108.00	1.00	0.30		3.00	262.00	811.00
			1078981	108.00	109.00	1.00	0.32		2.00	347.00	489.00
			1078982	109.00	110.00	1.00	0.43		6.00	901.00	1136.00
			1078983	110.00	111.00	1.00	0.17		3.00	301.00	1394.00
			1078984	111.00	112.50	1.50	0.13		2.00	116.00	415.00
			1078985	112.50	114.00	1.50	0.06		1.00	48.00	83.00
			1078986	112.50	114.00	1.50	0.04		1.00	38.00	69.00
			1078987	114.00	115.17	1.17	0.27		2.00	136.00	388.00
			1078988	115.17	116.17	1.00	0.06		1.00	56.00	103.00
			1078989	116.17	116.67	0.50	0.06		16.00	8068.00	15043.00
			1078991	116.67	117.67	1.00	0.28		1.00	141.00	409.00
		1078992	117.67	119.27	1.60	0.20		2.00	170.00	506.00	

# DETAILED LOG

Hole Number: TL11211

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
119.27	173.16	BMS, Biotite Muscovite Schist Atypical BMS, light grey looking overall. Contains common sph stringers along with other sulfides distributed through the whole unit.	1078993	119.27	120.27	1.00	0.25		2.00	75.00	147.00
			1078994	120.27	121.50	1.23	0.17		2.00	99.00	148.00
			1078995	121.50	123.00	1.50	0.03		2.00	22.00	71.00
			1078996	123.00	124.50	1.50	0.07		0.50	0.50	0.50
			1078997	124.50	126.00	1.50	0.13		62.00	3837.00	439.00
			1078998	126.00	127.50	1.50	0.34		0.50	51.00	160.00
			1078999	127.50	129.00	1.50	0.09		0.50	183.00	963.00
			1184001	129.00	130.50	1.50	0.06		0.50	38.00	1100.00
			1184002	130.50	132.00	1.50	0.03		0.50	0.50	64.00
			1184003	132.00	133.50	1.50	0.02		2.00	94.00	488.00
			1184004	133.50	135.00	1.50	0.01		98.00	1604.00	46.00
			1184005	135.00	136.50	1.50	0.03		73.00	2874.00	47.00
			1184006	135.00	136.50	1.50	0.03		0.50	14.00	41.00
			1184007	136.50	138.00	1.50	0.11		0.50	35.00	59.00
			1184008	138.00	139.50	1.50	0.00		8.00	830.00	945.00
			1184009	139.50	141.00	1.50	0.18		0.50	14.00	11.00
			1184011	141.00	142.50	1.50	0.04		3.00	116.00	1563.00
			1184012	142.50	144.00	1.50	0.06		32.00	492.00	2473.00
			1184013	144.00	145.50	1.50	0.06		1.00	243.00	578.00
			1184014	145.50	147.00	1.50	0.09		1.00	255.00	1151.00
			1184015	147.00	148.50	1.50	0.02		1.00	139.00	721.00
			1184016	148.50	150.00	1.50	0.07		1.00	156.00	229.00
			1184017	150.00	151.50	1.50	0.61		1.00	103.00	140.00
			1184018	151.50	153.00	1.50	0.07		1.00	342.00	784.00
			1184019	153.00	154.50	1.50	0.02		1.00	201.00	449.00
			1184021	154.50	156.00	1.50	0.09		1.00	103.00	366.00
			1184022	156.00	157.50	1.50	0.09		1.00	36.00	58.00
			1184023	157.50	159.00	1.50	0.07		2.00	99.00	297.00
			1184024	159.00	160.50	1.50	0.01		1.00	35.00	66.00
			1184025	160.50	162.00	1.50	0.02		1.00	29.00	85.00
			1184026	160.50	162.00	1.50	0.01		1.00	27.00	59.00
			1184027	162.00	163.50	1.50	0.01		2.00	54.00	98.00
			1184028	163.50	165.00	1.50	0.03		1.00	55.00	78.00
			1184029	165.00	166.50	1.50	0.26		1.00	13.00	41.00
			1184031	166.50	168.00	1.50	0.06		1.00	9.00	49.00
		1184032	168.00	169.50	1.50	0.03		2.00	155.00	751.00	
		1184033	169.50	171.00	1.50	0.02		0.50	31.00	166.00	
		1184034	171.00	172.00	1.00	0.01		0.50	9.00	40.00	
		1184035	172.00	173.16	1.16	0.02		0.50	25.00	50.00	



# DETAILED LOG

Hole Number: TL11211

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
173.16	201.60	MSS, Muscovite Sericite Schist C-zone, strong sr alt until 191m, then becomes weak with strong patches up to 1m. Uncommon mineralized stringers through the top strongly sr area until ~185m where mineralization increases as you move closer to the contact between the alteration contrast. The best mineralization is between 196.02 - 197.02 which is a strongly sr area within the weak section.	1184036	173.16	174.50	1.34	0.20		0.50	38.00	108.00
			1184037	174.50	175.50	1.00	0.04		1.00	37.00	104.00
			1184038	175.50	176.50	1.00	0.13		1.00	55.00	569.00
			1184039	176.50	177.50	1.00	0.10		0.50	29.00	70.00
			1184041	177.50	178.50	1.00	0.15		1.00	25.00	102.00
			1184042	178.50	179.50	1.00	0.74		5.00	22.00	54.00
			1184043	179.50	180.50	1.00	0.06		0.50	36.00	182.00
			1184044	180.50	181.50	1.00	0.68		3.00	71.00	184.00
			1184045	181.50	182.50	1.00	0.48		1.00	26.00	50.00
			1184046	181.50	182.50	1.00	1.28		1.00	23.00	50.00
			1184047	182.50	183.50	1.00	0.04		0.50	16.00	42.00
			1184048	183.50	184.50	1.00	0.01		0.50	39.00	54.00
			1184049	184.50	185.50	1.00	0.03		1.00	248.00	61.00
			1184051	185.50	186.50	1.00	0.03		1.00	41.00	41.00
			1184052	186.50	187.50	1.00	0.02		0.50	30.00	186.00
			1184053	187.50	188.50	1.00	0.02		1.00	77.00	98.00
			1184054	188.50	189.50	1.00	0.29		3.00	60.00	1239.00
			1184055	189.50	191.00	1.50	0.50		3.00	57.00	328.00
			1184056	191.00	192.50	1.50	0.15		2.00	25.00	94.00
			1184057	192.50	193.50	1.00	0.01		1.00	17.00	44.00
		1184058	193.50	195.00	1.50	0.09		2.00	34.00	103.00	
		1184059	195.00	196.02	1.02	0.54		1.00	47.00	86.00	
		1184061	196.02	197.02	1.00	0.77		80.00	3251.00	4140.00	
		1184062	197.02	198.00	0.98	0.77		3.00	456.00	569.00	
		1184063	198.00	199.00	1.00	0.02		0.50	59.00	99.00	
		1184064	199.00	200.00	1.00	0.08		2.00	29.00	120.00	
		1184065	200.00	201.60	1.60	0.07		3.00	201.00	279.00	
		1184066	200.00	201.60	1.60	0.05		3.00	185.00	229.00	
201.60	213.00	BMS, Biotite Muscovite Schist Typical weakly sericitized and poorly mineralized BMS	1184067	201.60	203.00	1.40	0.14		2.00	37.00	101.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078944	55.50	57.00	0.0130		2.0000	46.0000	476.0000
1078945	57.00	58.00	0.0100		2.0000	33.0000	242.0000
1078947	66.00	67.50	0.0070		0.5000	12.0000	69.0000
1078948	67.50	69.00	0.0530		1.0000	14.0000	61.0000
1078949	69.00	70.50	0.0310		1.0000	29.0000	58.0000
1078951	70.50	72.00	0.1050		3.0000	327.0000	255.0000
1078952	72.00	73.50	0.0070		1.0000	23.0000	110.0000
1078953	73.50	75.00	0.0080		0.5000	13.0000	55.0000

Hole Number: TL11211

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078954	75.00	76.50	0.0180		1.0000	12.0000	40.0000
1078955	76.50	78.00	0.0560		1.0000	11.0000	54.0000
1078956	78.00	79.50	0.0180		1.0000	14.0000	48.0000
1078957	79.50	81.00	0.5090		1.0000	20.0000	567.0000
1078958	81.00	82.50	0.0180		0.5000	9.0000	82.0000
1078959	82.50	84.00	0.0190		1.0000	4.0000	36.0000
1078961	84.00	85.50	0.0140		1.0000	6.0000	58.0000
1078962	85.50	87.00	0.0450		3.0000	33.0000	138.0000
1078963	87.00	88.50	0.0480		5.0000	204.0000	574.0000
1078964	88.50	90.00	0.0100		1.0000	30.0000	65.0000
1078965	90.00	91.50	0.0180		0.5000	50.0000	107.0000
1078967	91.50	93.00	0.0140		0.5000	15.0000	69.0000
1078968	93.00	94.50	0.0200		0.5000	14.0000	56.0000
1078969	94.50	96.00	0.0190		0.5000	30.0000	77.0000
1078971	96.00	97.50	0.0200		0.5000	18.0000	50.0000
1078972	97.50	99.00	0.0250		1.0000	19.0000	92.0000
1078973	99.00	100.50	0.0380		2.0000	25.0000	141.0000
1078974	100.50	102.00	0.0670		0.5000	32.0000	66.0000
1078975	102.00	103.50	0.0650		2.0000	36.0000	83.0000
1078976	103.50	105.00	0.0370		0.5000	9.0000	34.0000
1078977	105.00	105.97	0.0340		2.0000	61.0000	39.0000
1078978	105.97	107.00	0.0820		2.0000	174.0000	265.0000
1078979	107.00	108.00	0.2970		3.0000	262.0000	811.0000
1078981	108.00	109.00	0.3200		2.0000	347.0000	489.0000
1078982	109.00	110.00	0.4250		6.0000	901.0000	1136.0000
1078983	110.00	111.00	0.1690		3.0000	301.0000	1394.0000
1078984	111.00	112.50	0.1250		2.0000	116.0000	415.0000
1078985	112.50	114.00	0.0600		1.0000	48.0000	83.0000
1078987	114.00	115.17	0.2740		2.0000	136.0000	388.0000
1078988	115.17	116.17	0.0630		1.0000	56.0000	103.0000
1078989	116.17	116.67	0.0580		16.0000	8068.0000	15043.0000
1078991	116.67	117.67	0.2780		1.0000	141.0000	409.0000
1078992	117.67	119.27	0.2010		2.0000	170.0000	506.0000
1078993	119.27	120.27	0.2510		2.0000	75.0000	147.0000
1078994	120.27	121.50	0.1720		2.0000	99.0000	148.0000
1078995	121.50	123.00	0.0260		2.0000	22.0000	71.0000
1078996	123.00	124.50	0.0700		0.5000	0.5000	0.5000
1078997	124.50	126.00	0.1340		62.0000	3837.0000	439.0000
1078998	126.00	127.50	0.3390		0.5000	51.0000	160.0000

Hole Number: TL11211

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1078999	127.50	129.00	0.0930		0.5000	183.0000	963.0000
1184001	129.00	130.50	0.0630		0.5000	38.0000	1100.0000
1184002	130.50	132.00	0.0320		0.5000	0.5000	64.0000
1184003	132.00	133.50	0.0190		2.0000	94.0000	488.0000
1184004	133.50	135.00	0.0140		98.0000	1604.0000	46.0000
1184005	135.00	136.50	0.0250		73.0000	2874.0000	47.0000
1184007	136.50	138.00	0.1120		0.5000	35.0000	59.0000
1184008	138.00	139.50	0.0030		8.0000	830.0000	945.0000
1184009	139.50	141.00	0.1830		0.5000	14.0000	11.0000
1184011	141.00	142.50	0.0410		3.0000	116.0000	1563.0000
1184012	142.50	144.00	0.0570		32.0000	492.0000	2473.0000
1184013	144.00	145.50	0.0550		1.0000	243.0000	578.0000
1184014	145.50	147.00	0.0890		1.0000	255.0000	1151.0000
1184015	147.00	148.50	0.0190		1.0000	139.0000	721.0000
1184016	148.50	150.00	0.0700		1.0000	156.0000	229.0000
1184017	150.00	151.50	0.6050		1.0000	103.0000	140.0000
1184018	151.50	153.00	0.0680		1.0000	342.0000	784.0000
1184019	153.00	154.50	0.0160		1.0000	201.0000	449.0000
1184021	154.50	156.00	0.0890		1.0000	103.0000	366.0000
1184022	156.00	157.50	0.0880		1.0000	36.0000	58.0000
1184023	157.50	159.00	0.0720		2.0000	99.0000	297.0000
1184024	159.00	160.50	0.0130		1.0000	35.0000	66.0000
1184025	160.50	162.00	0.0150		1.0000	29.0000	85.0000
1184027	162.00	163.50	0.0100		2.0000	54.0000	98.0000
1184028	163.50	165.00	0.0280		1.0000	55.0000	78.0000
1184029	165.00	166.50	0.2640		1.0000	13.0000	41.0000
1184031	166.50	168.00	0.0580		1.0000	9.0000	49.0000
1184032	168.00	169.50	0.0310		2.0000	155.0000	751.0000
1184033	169.50	171.00	0.0230		0.5000	31.0000	166.0000
1184034	171.00	172.00	0.0120		0.5000	9.0000	40.0000
1184035	172.00	173.16	0.0180		0.5000	25.0000	50.0000
1184036	173.16	174.50	0.1970		0.5000	38.0000	108.0000
1184037	174.50	175.50	0.0420		1.0000	37.0000	104.0000
1184038	175.50	176.50	0.1300		1.0000	55.0000	569.0000
1184039	176.50	177.50	0.0970		0.5000	29.0000	70.0000
1184041	177.50	178.50	0.1480		1.0000	25.0000	102.0000
1184042	178.50	179.50	0.7430		5.0000	22.0000	54.0000
1184043	179.50	180.50	0.0590		0.5000	36.0000	182.0000
1184044	180.50	181.50	0.6820		3.0000	71.0000	184.0000

Hole Number: TL11211

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184045	181.50	182.50	0.4810		1.0000	26.0000	50.0000
1184047	182.50	183.50	0.0440		0.5000	16.0000	42.0000
1184048	183.50	184.50	0.0060		0.5000	39.0000	54.0000
1184049	184.50	185.50	0.0330		1.0000	248.0000	61.0000
1184051	185.50	186.50	0.0310		1.0000	41.0000	41.0000
1184052	186.50	187.50	0.0240		0.5000	30.0000	186.0000
1184053	187.50	188.50	0.0210		1.0000	77.0000	98.0000
1184054	188.50	189.50	0.2870		3.0000	60.0000	1239.0000
1184055	189.50	191.00	0.5030		3.0000	57.0000	328.0000
1184056	191.00	192.50	0.1540		2.0000	25.0000	94.0000
1184057	192.50	193.50	0.0060		1.0000	17.0000	44.0000
1184058	193.50	195.00	0.0850		2.0000	34.0000	103.0000
1184059	195.00	196.02	0.5430		1.0000	47.0000	86.0000
1184061	196.02	197.02	0.7710		80.0000	3251.0000	4140.0000
1184062	197.02	198.00	0.7670		3.0000	456.0000	569.0000
1184063	198.00	199.00	0.0160		0.5000	59.0000	99.0000
1184064	199.00	200.00	0.0770		2.0000	29.0000	120.0000
1184065	200.00	201.60	0.0740		3.0000	201.0000	279.0000
1184067	201.60	203.00	0.1410		2.0000	37.0000	101.0000
Sample Type	CDUP						
1078946	57.00	58.00	0.0120		2.0000	36.0000	189.0000
1078966	90.00	91.50	0.0160		0.5000	50.0000	126.0000
1078986	112.50	114.00	0.0380		1.0000	38.0000	69.0000
1184006	135.00	136.50	0.0280		0.5000	14.0000	41.0000
1184026	160.50	162.00	0.0130		1.0000	27.0000	59.0000
1184046	181.50	182.50	1.2770		1.0000	23.0000	50.0000
1184066	200.00	201.60	0.0450		3.0000	185.0000	229.0000

# DETAILED LOG

Hole Number: TL11212

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511763.17	North:	Collar Az: 335.00
Location: Zealand Township	East: 527796.22	East:	Length: 378.00
	Elev: 390.87	Elev:	Start Depth: 0.00
Date Started: Jul 22, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jul 26, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 378.00

Comments: Main Zone 185 - 215m  
 Atypical patchy sr alteration. Some areas strong and the bottom half is moderate to weakly sr altered. Strong silicification throughout. Abundant mineralization of sulfide stringers with several intervals of condensed stringers. Best intervals between 191.20-191.60 and 195.73-195.85.  
 C-zone 325 - 335  
 Small MSS C-zone, strongly sr and abundant sph stringers until 329.25m, after which sr alt is weak and mineralization is poor.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	335.00	-65.00	EZ Sho	OK		27.00	336.90	-64.30	EZ Sho	OK	
57.00	337.30	-63.60	EZ Sho	OK		108.00	336.90	-60.90	EZ Sho	OK	
150.00	337.50	-58.50	EZ Sho	OK		204.00	336.90	-56.20	EZ Sho	OK	
252.00	336.90	-54.10	EZ Sho	OK		300.00	337.80	-52.10	EZ Sho	OK	
351.00	338.20	-49.60	EZ Sho	OK		378.00	338.60	-49.00	EZ Sho	OK	

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	12.60	OB, Overburden									
12.60	78.60	BMS, Biotite Muscovite Schist Typical BMS and top of hole, weakly sr until getting close to next zone where it gradationally increases. Poorly mineralized.	1184068	77.10	78.60	1.50	0.02		0.50	33.00	109.0

DETAILED LOG

Hole Number: TL11212

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
78.60	92.62	MSS, Muscovite Sericite Schist Hangingwall MSS, strongly sr and sil alteration, poorly mineralized. 83.45-83.75 has two darker green bands that are possibly small mafic dykes.	1184069	78.60	79.60	1.00	0.02		0.50	40.00	66.00
			1184071	79.60	80.60	1.00	0.02		0.50	48.00	86.00
			1184072	80.60	81.60	1.00	0.02		0.50	68.00	131.00
			1184073	81.60	82.60	1.00	0.01		0.50	30.00	72.00
			1184074	82.60	83.60	1.00	0.01		0.50	36.00	193.00
			1184075	83.60	84.60	1.00	0.01		0.50	47.00	131.00
			1184076	84.60	85.60	1.00	0.01		0.50	52.00	90.00
			1184077	85.60	86.60	1.00	0.11		3.00	22.00	35.00
			1184078	86.60	87.60	1.00	0.04		1.00	28.00	35.00
			1184079	87.60	88.60	1.00	0.05		2.00	29.00	46.00
			1184081	88.60	89.60	1.00	0.06		6.00	27.00	125.00
			1184082	89.60	90.60	1.00	0.12		4.00	42.00	183.00
			1184083	90.60	91.60	1.00	0.02		0.50	35.00	82.00
			1184084	91.60	92.60	1.00	0.00		0.50	20.00	40.00
			1184085	92.60	94.10	1.50	0.01		0.50	26.00	43.00
1184086	92.60	94.10	1.50	0.01		0.50	16.00	40.00			
92.62	138.60	BMS, Biotite Muscovite Schist BMS zone with several areas of increased fracturing, including a fault zone at 126-128m. Overall the zone is quite light grey looking, mostly moderate to weak sr alteration. Poorly mineralized.	1184087	137.10	138.60	1.50	0.00		0.50	36.00	88.00
138.60	158.83	MSS, Muscovite Sericite Schist Hangingwall zone, strong sr alteration and poorly mineralized	1184088	138.60	139.60	1.00	0.01		0.50	47.00	112.00
			1184089	139.60	141.00	1.40	3.59		0.50	45.00	101.00
			1184091	141.00	142.00	1.00	0.06		0.50	53.00	65.00
			1184092	142.00	143.00	1.00	0.03		0.50	45.00	69.00
			1184093	143.00	144.00	1.00	0.02		0.50	55.00	142.00
			1184094	144.00	145.00	1.00	0.05		0.50	37.00	236.00
			1184095	145.00	146.00	1.00	0.80		0.50	73.00	2336.00
			1184096	146.00	147.00	1.00	0.21		0.50	182.00	475.00
			1184097	147.00	148.00	1.00	0.04		0.50	101.00	259.00
			1184098	148.00	149.00	1.00	0.06		0.50	103.00	116.00
			1184099	149.00	150.00	1.00	0.01		0.50	72.00	72.00
			1184101	150.00	151.00	1.00	0.05		0.50	44.00	74.00
			1184102	151.00	152.00	1.00	0.01		0.50	22.00	93.00
			1184103	152.00	153.00	1.00	0.01		0.50	17.00	108.00
			1184104	153.00	154.00	1.00	0.01		0.50	29.00	106.00
1184106	154.00	155.00	1.00	0.01		0.50	57.00	101.00			
1184105	154.00	155.00	1.00	0.01		0.50	49.00	100.00			
1184107	155.00	156.00	1.00	0.01		0.50	51.00	109.00			
1184108	156.00	157.00	1.00	0.01		0.50	63.00	76.00			
1184109	157.00	158.00	1.00	0.01		0.50	162.00	381.00			
1184111	158.00	158.83	0.83	0.03		0.50	249.00	257.00			

DETAILED LOG

Hole Number: TL11212

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
158.83	185.71	BMS, Biotite Muscovite Schist	1184112	158.83	160.33	1.50	0.04		0.50	62.00	83.00
		BMS with weak sr that gradually increases toward bottom contact to main zone.	1184113	168.00	169.50	1.50	0.13		0.50	57.00	162.00
		Poorly mineralized, possible VG speck/streak @ 184.72-184.73	1184114	169.50	171.00	1.50	0.03		0.50	32.00	52.00
			1184115	171.00	172.50	1.50	0.11		0.50	32.00	76.00
			1184116	172.50	174.00	1.50	0.93		0.50	17.00	65.00
			1184117	174.00	175.50	1.50	0.03		0.50	18.00	47.00
			1184118	175.50	177.00	1.50	0.04		0.50	32.00	298.00
			1184119	177.00	178.50	1.50	0.01		0.50	37.00	80.00
			1184121	178.50	180.00	1.50	0.00		0.50	28.00	99.00
			1184122	180.00	181.50	1.50	0.01		0.50	62.00	39.00
			1184123	181.50	183.00	1.50	0.01		0.50	37.00	48.00
			1184124	183.00	184.41	1.41	0.01		0.50	23.00	42.00
			1184126	184.41	184.91	0.50	0.01		0.50	21.00	36.00
			1184125	184.41	184.91	0.50	0.04		0.50	23.00	45.00
			1184127	184.91	185.71	0.80	0.04		0.50	24.00	47.00

## DETAILED LOG

Hole Number: TL11212

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
185.71	215.83	MSS, Muscovite Sericite Schist Main zone with atypical patchy sr alteration. Some areas strong and the bottom half is moderate to weakly sr altered. Strong silicification throughout. Abundant mineralization of sulfide stringers with several intervals of condensed stringers. Best intervals between 191.20-191.60 and 195.73-195.85.	1184128	185.71	187.00	1.29	0.13		0.50	87.00	137.00
			1184129	187.00	188.00	1.00	0.04		0.50	102.00	182.00
			1184131	188.00	189.00	1.00	0.42		5.00	1573.00	2016.00
			1184132	189.00	189.90	0.90	0.17		3.00	1056.00	2685.00
			1184133	189.90	190.90	1.00	1.70		0.50	95.00	147.00
			1184134	190.90	191.90	1.00	2.20		15.00	14905.00	18228.00
			1184135	191.90	193.00	1.10	0.49		13.00	3329.00	3708.00
			1184136	193.00	194.00	1.00	0.06		0.50	1778.00	4095.00
			1184137	194.00	194.74	0.74	0.06		0.50	127.00	128.00
			1184138	194.74	195.74	1.00	0.19		0.50	301.00	1346.00
			1184139	195.74	196.74	1.00	1.39		9.00	3253.00	4925.00
			1184141	196.74	198.00	1.26	0.31		3.00	1238.00	5811.00
			1184142	198.00	199.00	1.00	0.10		0.50	87.00	113.00
			1184143	199.00	200.00	1.00	0.10		0.50	61.00	88.00
			1184144	200.00	201.00	1.00	0.14		0.50	38.00	42.00
			1184145	201.00	202.00	1.00	0.70		0.50	47.00	54.00
			1184146	201.00	202.00	1.00	0.28		0.50	43.00	61.00
			1184147	202.00	203.00	1.00	0.77		0.50	62.00	97.00
			1184148	203.00	204.00	1.00	1.59		0.50	55.00	163.00
			1184149	204.00	205.00	1.00	0.28		0.50	64.00	144.00
			1184151	205.00	206.00	1.00	0.56		0.50	117.00	154.00
			1184152	206.00	207.00	1.00	2.41		0.50	107.00	115.00
			1184153	207.00	208.00	1.00	2.99		8.00	3012.00	700.00
			1184154	208.00	209.00	1.00	0.85		0.50	73.00	91.00
			1184155	209.00	210.00	1.00	0.29		0.50	32.00	62.00
			1184156	210.00	211.00	1.00	1.65		0.50	197.00	1318.00
			1184157	211.00	212.00	1.00	3.49		0.50	59.00	86.00
			1184158	212.00	213.00	1.00	0.20		0.50	66.00	81.00
			1184159	213.00	214.00	1.00	0.20		0.50	69.00	84.00
			1184161	214.00	215.00	1.00	0.07		0.50	63.00	108.00
			1184162	215.00	215.83	0.83	0.10		0.50	41.00	63.00
215.83	227.92	BMS, Biotite Muscovite Schist BMS zone with weak to moderate sr alteration and moderate to strong silicification. Contains uncommon sulfide stringers throughout. Could be a weak patch within a large main zone or divides two separate zones.	1184163	215.83	217.00	1.17	2.79		0.50	35.00	85.00
			1184164	217.00	218.50	1.50	0.93		0.50	53.00	109.00
			1184165	218.50	220.00	1.50	0.13		0.50	37.00	78.00
			1184166	218.50	220.00	1.50	0.19		0.50	48.00	139.00
			1184167	220.00	221.00	1.00	0.96		6.00	1728.00	2748.00
			1184168	221.00	222.00	1.00	0.12		0.50	65.00	81.00
			1184169	222.00	223.50	1.50	0.28		0.50	70.00	54.00
			1184171	223.50	225.00	1.50	0.17		0.50	42.00	68.00
			1184172	225.00	226.50	1.50	0.35		0.50	32.00	85.00
			1184173	226.50	227.92	1.42	0.07		0.50	22.00	29.00



DETAILED LOG

Hole Number: TL11212

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
227.92	233.82	MSS, Muscovite Sericite Schist Small MSS zone with strong sr and si alteration. Abundant stringers with a semi-massive back of sulfides @ 231.05-231.18 . Could be the bottom contact of the main zone or possibly a separate MSS independent of main zone.	1184174	227.92	229.00	1.08	0.36		0.50	33.00	54.00
			1184175	229.00	230.44	1.44	0.33		0.50	41.00	121.00
			1184176	230.44	231.44	1.00	2.16		5.00	1809.00	10387.00
			1184177	231.44	232.44	1.00	1.42		4.00	191.00	665.00
			1184178	232.44	233.19	0.75	4.78		26.00	1221.00	2269.00
			1184179	233.19	233.82	0.63	0.44		0.50	61.00	566.00
233.82	325.92	BMS, Biotite Muscovite Schist Large typical BMS zone with weak to moderate sr alteration, moderately silicified, and poorly mineralized. Stays like this Until ~300 m where large groups of up to 2cm porphyroblasts appear. Sr alteration becomes more blended and an increase of sph stringers.	1184181	233.82	235.32	1.50	0.28		0.50	29.00	97.00
			1184182	286.50	288.00	1.50	0.06		0.50	40.00	149.00
			1184183	288.00	289.50	1.50	0.05		0.50	405.00	1134.00
			1184184	289.50	291.00	1.50	0.04		0.50	84.00	312.00
			1184185	291.00	292.50	1.50	0.02		0.50	66.00	202.00
			1184186	291.00	292.50	1.50	0.02		0.50	53.00	175.00
			1184187	292.50	294.00	1.50	0.04		0.50	40.00	99.00
			1184188	294.00	295.50	1.50	0.03		0.50	26.00	94.00
			1184189	295.50	297.00	1.50	0.26		2.00	695.00	1590.00
			1184191	297.00	298.50	1.50	0.17		0.50	79.00	381.00
			1184192	298.50	300.00	1.50	0.09		0.50	61.00	323.00
			1184193	300.00	301.50	1.50	0.11		0.50	60.00	106.00
			1184194	301.50	303.00	1.50	0.80		1.00	459.00	731.00
			1184195	303.00	304.50	1.50	0.17		0.50	102.00	152.00
			1184196	304.50	306.00	1.50	0.00		0.50	99.00	282.00
			1184197	306.00	307.50	1.50	0.03		0.50	108.00	38.00
			1184198	307.50	309.00	1.50	0.18		0.50	89.00	281.00
			1184199	309.00	310.50	1.50	0.11		0.50	124.00	485.00
			1184201	310.50	312.00	1.50	0.09		0.50	73.00	184.00
			1184202	312.00	313.50	1.50	1.32		0.50	69.00	137.00
			1184203	313.50	315.00	1.50	1.02		4.00	356.00	1363.00
			1184204	315.00	316.50	1.50	0.30		0.50	141.00	173.00
			1184205	316.50	318.00	1.50	0.17		2.00	428.00	799.00
			1184206	316.50	318.00	1.50	0.20		2.00	374.00	767.00
1184207	318.00	319.50	1.50	0.09		0.50	67.00	156.00			
1184208	319.50	321.00	1.50	0.01		0.50	39.00	71.00			
1184209	321.00	322.50	1.50	0.06		0.50	41.00	76.00			
1184211	322.50	324.00	1.50	0.03		0.50	30.00	43.00			
1184212	324.00	325.00	1.00	0.04		0.50	38.00	59.00			
1184213	325.00	325.92	0.92	0.05		0.50	75.00	88.00			

DETAILED LOG

Hole Number: TL11212

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
325.92	335.77	MSS, Muscovite Sericite Schist Small MSS C-zone, strongly sr and abundant sph stringers until 329.25m, after which sr alt is weak and mineralization is poor.	1184214	325.92	327.00	1.08	0.71		7.00	1213.00	8057.00
			1184215	327.00	328.00	1.00	1.85		6.00	622.00	3385.00
			1184216	328.00	329.00	1.00	0.86		2.00	212.00	404.00
			1184217	329.00	330.00	1.00	0.20		0.50	120.00	202.00
			1184218	330.00	331.50	1.50	0.02		0.50	63.00	98.00
			1184219	331.50	333.00	1.50	0.23		2.00	297.00	432.00
			1184221	333.00	334.25	1.25	0.34		0.50	82.00	331.00
			1184222	334.25	335.77	1.52	0.81		1.00	181.00	175.00
335.77	378.00	BMS, Biotite Muscovite Schist Typical BMS, weak sr and moderate si alteration. Poorly mineralized.	1184223	335.77	337.00	1.23	0.03		0.50	34.00	63.00
			1184224	353.00	354.00	1.00	0.13		0.50	96.00	440.00
			1184225	357.00	358.00	1.00	0.02		0.50	41.00	291.00
			1184226	357.00	358.00	1.00	0.02		0.50	46.00	264.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184068	77.10	78.60	0.0220		0.5000	33.0000	109.0000
1184069	78.60	79.60	0.0200		0.5000	40.0000	66.0000
1184071	79.60	80.60	0.0160		0.5000	48.0000	86.0000
1184072	80.60	81.60	0.0220		0.5000	68.0000	131.0000
1184073	81.60	82.60	0.0090		0.5000	30.0000	72.0000
1184074	82.60	83.60	0.0060		0.5000	36.0000	193.0000
1184075	83.60	84.60	0.0130		0.5000	47.0000	131.0000
1184076	84.60	85.60	0.0090		0.5000	52.0000	90.0000
1184077	85.60	86.60	0.1060		3.0000	22.0000	35.0000
1184078	86.60	87.60	0.0400		1.0000	28.0000	35.0000
1184079	87.60	88.60	0.0530		2.0000	29.0000	46.0000
1184081	88.60	89.60	0.0560		6.0000	27.0000	125.0000
1184082	89.60	90.60	0.1210		4.0000	42.0000	183.0000
1184083	90.60	91.60	0.0180		0.5000	35.0000	82.0000
1184084	91.60	92.60	0.0030		0.5000	20.0000	40.0000
1184085	92.60	94.10	0.0050		0.5000	26.0000	43.0000
1184087	137.10	138.60	0.0020		0.5000	36.0000	88.0000
1184088	138.60	139.60	0.0070		0.5000	47.0000	112.0000
1184089	139.60	141.00	3.5930		0.5000	45.0000	101.0000
1184091	141.00	142.00	0.0580		0.5000	53.0000	65.0000
1184092	142.00	143.00	0.0290		0.5000	45.0000	69.0000
1184093	143.00	144.00	0.0180		0.5000	55.0000	142.0000
1184094	144.00	145.00	0.0540		0.5000	37.0000	236.0000
1184095	145.00	146.00	0.8010		0.5000	73.0000	2336.0000
1184096	146.00	147.00	0.2050		0.5000	182.0000	475.0000

## DETAILED LOG

Hole Number: TL11212

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184097	147.00	148.00	0.0420		0.5000	101.0000	259.0000
1184098	148.00	149.00	0.0620		0.5000	103.0000	116.0000
1184099	149.00	150.00	0.0120		0.5000	72.0000	72.0000
1184101	150.00	151.00	0.0450		0.5000	44.0000	74.0000
1184102	151.00	152.00	0.0140		0.5000	22.0000	93.0000
1184103	152.00	153.00	0.0110		0.5000	17.0000	108.0000
1184104	153.00	154.00	0.0060		0.5000	29.0000	106.0000
1184105	154.00	155.00	0.0050		0.5000	49.0000	100.0000
1184107	155.00	156.00	0.0060		0.5000	51.0000	109.0000
1184108	156.00	157.00	0.0090		0.5000	63.0000	76.0000
1184109	157.00	158.00	0.0080		0.5000	162.0000	381.0000
1184111	158.00	158.83	0.0330		0.5000	249.0000	257.0000
1184112	158.83	160.33	0.0430		0.5000	62.0000	83.0000
1184113	168.00	169.50	0.1320		0.5000	57.0000	162.0000
1184114	169.50	171.00	0.0340		0.5000	32.0000	52.0000
1184115	171.00	172.50	0.1140		0.5000	32.0000	76.0000
1184116	172.50	174.00	0.9290		0.5000	17.0000	65.0000
1184117	174.00	175.50	0.0280		0.5000	18.0000	47.0000
1184118	175.50	177.00	0.0440		0.5000	32.0000	298.0000
1184119	177.00	178.50	0.0130		0.5000	37.0000	80.0000
1184121	178.50	180.00	0.0040		0.5000	28.0000	99.0000
1184122	180.00	181.50	0.0090		0.5000	62.0000	39.0000
1184123	181.50	183.00	0.0140		0.5000	37.0000	48.0000
1184124	183.00	184.41	0.0140		0.5000	23.0000	42.0000
1184125	184.41	184.91	0.0350		0.5000	23.0000	45.0000
1184127	184.91	185.71	0.0350		0.5000	24.0000	47.0000
1184128	185.71	187.00	0.1300		0.5000	87.0000	137.0000
1184129	187.00	188.00	0.0360		0.5000	102.0000	182.0000
1184131	188.00	189.00	0.4160		5.0000	1573.0000	2016.0000
1184132	189.00	189.90	0.1720		3.0000	1056.0000	2685.0000
1184133	189.90	190.90	1.6970		0.5000	95.0000	147.0000
1184134	190.90	191.90	2.1960		15.0000	14905.0000	18228.0000
1184135	191.90	193.00	0.4900		13.0000	3329.0000	3708.0000
1184136	193.00	194.00	0.0590		0.5000	1778.0000	4095.0000
1184137	194.00	194.74	0.0550		0.5000	127.0000	128.0000
1184138	194.74	195.74	0.1910		0.5000	301.0000	1346.0000
1184139	195.74	196.74	1.3930		9.0000	3253.0000	4925.0000
1184141	196.74	198.00	0.3110		3.0000	1238.0000	5811.0000
1184142	198.00	199.00	0.0990		0.5000	87.0000	113.0000

Hole Number: TL11212

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184143	199.00	200.00	0.0980		0.5000	61.0000	88.0000
1184144	200.00	201.00	0.1380		0.5000	38.0000	42.0000
1184145	201.00	202.00	0.7010		0.5000	47.0000	54.0000
1184147	202.00	203.00	0.7730		0.5000	62.0000	97.0000
1184148	203.00	204.00	1.5860		0.5000	55.0000	163.0000
1184149	204.00	205.00	0.2840		0.5000	64.0000	144.0000
1184151	205.00	206.00	0.5550		0.5000	117.0000	154.0000
1184152	206.00	207.00	2.4080		0.5000	107.0000	115.0000
1184153	207.00	208.00	2.9940		8.0000	3012.0000	700.0000
1184154	208.00	209.00	0.8460		0.5000	73.0000	91.0000
1184155	209.00	210.00	0.2900		0.5000	32.0000	62.0000
1184156	210.00	211.00	1.6540		0.5000	197.0000	1318.0000
1184157	211.00	212.00	3.4860		0.5000	59.0000	86.0000
1184158	212.00	213.00	0.2010		0.5000	66.0000	81.0000
1184159	213.00	214.00	0.2020		0.5000	69.0000	84.0000
1184161	214.00	215.00	0.0670		0.5000	63.0000	108.0000
1184162	215.00	215.83	0.1010		0.5000	41.0000	63.0000
1184163	215.83	217.00	2.7900		0.5000	35.0000	85.0000
1184164	217.00	218.50	0.9310		0.5000	53.0000	109.0000
1184165	218.50	220.00	0.1280		0.5000	37.0000	78.0000
1184167	220.00	221.00	0.9630		6.0000	1728.0000	2748.0000
1184168	221.00	222.00	0.1150		0.5000	65.0000	81.0000
1184169	222.00	223.50	0.2760		0.5000	70.0000	54.0000
1184171	223.50	225.00	0.1740		0.5000	42.0000	68.0000
1184172	225.00	226.50	0.3460		0.5000	32.0000	85.0000
1184173	226.50	227.92	0.0660		0.5000	22.0000	29.0000
1184174	227.92	229.00	0.3610		0.5000	33.0000	54.0000
1184175	229.00	230.44	0.3320		0.5000	41.0000	121.0000
1184176	230.44	231.44	2.1590		5.0000	1809.0000	10387.0000
1184177	231.44	232.44	1.4150		4.0000	191.0000	665.0000
1184178	232.44	233.19	4.7800		26.0000	1221.0000	2269.0000
1184179	233.19	233.82	0.4410		0.5000	61.0000	566.0000
1184181	233.82	235.32	0.2770		0.5000	29.0000	97.0000
1184182	286.50	288.00	0.0620		0.5000	40.0000	149.0000
1184183	288.00	289.50	0.0500		0.5000	405.0000	1134.0000
1184184	289.50	291.00	0.0440		0.5000	84.0000	312.0000
1184185	291.00	292.50	0.0210		0.5000	66.0000	202.0000
1184187	292.50	294.00	0.0350		0.5000	40.0000	99.0000
1184188	294.00	295.50	0.0260		0.5000	26.0000	94.0000

Hole Number: TL11212

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184189	295.50	297.00	0.2610		2.0000	695.0000	1590.0000
1184191	297.00	298.50	0.1700		0.5000	79.0000	381.0000
1184192	298.50	300.00	0.0860		0.5000	61.0000	323.0000
1184193	300.00	301.50	0.1110		0.5000	60.0000	106.0000
1184194	301.50	303.00	0.8010		1.0000	459.0000	731.0000
1184195	303.00	304.50	0.1740		0.5000	102.0000	152.0000
1184196	304.50	306.00	0.0040		0.5000	99.0000	282.0000
1184197	306.00	307.50	0.0290		0.5000	108.0000	38.0000
1184198	307.50	309.00	0.1800		0.5000	89.0000	281.0000
1184199	309.00	310.50	0.1110		0.5000	124.0000	485.0000
1184201	310.50	312.00	0.0940		0.5000	73.0000	184.0000
1184202	312.00	313.50	1.3240		0.5000	69.0000	137.0000
1184203	313.50	315.00	1.0170		4.0000	356.0000	1363.0000
1184204	315.00	316.50	0.3010		0.5000	141.0000	173.0000
1184205	316.50	318.00	0.1710		2.0000	428.0000	799.0000
1184207	318.00	319.50	0.0890		0.5000	67.0000	156.0000
1184208	319.50	321.00	0.0070		0.5000	39.0000	71.0000
1184209	321.00	322.50	0.0580		0.5000	41.0000	76.0000
1184211	322.50	324.00	0.0310		0.5000	30.0000	43.0000
1184212	324.00	325.00	0.0400		0.5000	38.0000	59.0000
1184213	325.00	325.92	0.0490		0.5000	75.0000	88.0000
1184214	325.92	327.00	0.7100		7.0000	1213.0000	8057.0000
1184215	327.00	328.00	1.8490		6.0000	622.0000	3385.0000
1184216	328.00	329.00	0.8560		2.0000	212.0000	404.0000
1184217	329.00	330.00	0.2030		0.5000	120.0000	202.0000
1184218	330.00	331.50	0.0200		0.5000	63.0000	98.0000
1184219	331.50	333.00	0.2260		2.0000	297.0000	432.0000
1184221	333.00	334.25	0.3440		0.5000	82.0000	331.0000
1184222	334.25	335.77	0.8090		1.0000	181.0000	175.0000
1184223	335.77	337.00	0.0340		0.5000	34.0000	63.0000
1184224	353.00	354.00	0.1300		0.5000	96.0000	440.0000
1184225	357.00	358.00	0.0160		0.5000	41.0000	291.0000
Sample Type	CDUP						
1184086	92.60	94.10	0.0080		0.5000	16.0000	40.0000
1184106	154.00	155.00	0.0080		0.5000	57.0000	101.0000
1184126	184.41	184.91	0.0120		0.5000	21.0000	36.0000
1184146	201.00	202.00	0.2790		0.5000	43.0000	61.0000
1184166	218.50	220.00	0.1930		0.5000	48.0000	139.0000
1184186	291.00	292.50	0.0160		0.5000	53.0000	175.0000

Hole Number: TL11212

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	CDUP						
1184206	316.50	318.00	0.1970		2.0000	374.0000	767.0000
1184226	357.00	358.00	0.0190		0.5000	46.0000	264.0000

# DETAILED LOG

Hole Number: TL11213

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511749.22	North:	Collar Az: 340.00
Location: Zealand Township	East: 527861.21	East:	Length: 354.00
	Elev: 393.75	Elev:	Start Depth: 0.00
Date Started: Aug 20, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Aug 22, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 354.00

Comments: Highly mineralized throughout.  
 8x Au blebs in main zone mss at 231.40-231.53m  
 qtz-chl vein/band at 316.94-317.23m with microfractures characteristic of where electrum has been found previously.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	340.00	-65.00	EZ Sho'	OK	No temp recorded	15.00	342.10	-63.20	EZ Sho'	OK	No temp recorded
51.00	345.60	-61.90	EZ Sho'	OK		105.00	349.70	-60.10	EZ Sho'	OK	
150.00	350.20	-57.50	EZ Sho'	OK		207.00	350.90	-54.70	EZ Sho'	OK	
252.00	352.00	-52.20	EZ Sho'	OK		303.00	352.70	-48.90	EZ Sho'	OK	
354.00	354.30	-45.80	EZ Sho'	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	7.00	CAS, Casing									
7.00	96.15	BMS, Biotite Muscovite Schist									
96.15	96.66	MD, Mafic Dyke									
96.66	101.33	BMS, Biotite Muscovite Schist	1079625	99.83	101.33	1.50	0.06		0.50	71.00	130.00
101.33	108.03	MSS, Muscovite Sericite Schist	1079626	101.33	102.33	1.00	0.10		2.00	422.00	1482.00
			1079627	102.33	103.33	1.00	0.05		0.50	224.00	939.00
			1079628	103.33	104.33	1.00	0.07		0.50	145.00	290.00
			1079629	104.33	105.33	1.00	0.03		1.00	172.00	285.00
			1079631	105.33	106.33	1.00	0.04		0.50	67.00	539.00
			1079632	106.33	107.33	1.00	0.02		0.50	195.00	327.00
			1079633	107.33	108.03	0.70	0.04		4.00	693.00	928.00
108.03	113.25	BMS, Biotite Muscovite Schist	1079634	108.03	109.53	1.50	0.02		0.50	60.00	248.00
			1079635	109.53	111.03	1.50	0.01		0.50	24.00	75.00
			1079636	109.53	111.03	1.50	0.05		0.50	30.00	72.00
			1079637	111.03	112.53	1.50	0.01		0.50	35.00	71.00
			1079638	112.53	113.25	0.72	0.08		3.00	27.00	81.00

## DETAILED LOG

Hole Number: TL11213

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
113.25	126.64	MSS, Muscovite Sericite Schist	1079639	113.25	114.25	1.00	0.02		1.00	26.00	260.00
			1079641	114.25	115.25	1.00	0.01		0.50	23.00	55.00
			1079642	115.25	116.25	1.00	0.01		1.00	30.00	57.00
			1079643	116.25	117.25	1.00	0.01		0.50	36.00	48.00
			1079644	117.25	118.25	1.00	0.01		0.50	29.00	40.00
			1079645	118.25	119.25	1.00	0.01		0.50	24.00	64.00
			1079646	119.25	120.25	1.00	0.01		0.50	35.00	50.00
			1079647	120.25	121.25	1.00	0.03		1.00	19.00	27.00
			1079648	121.25	122.25	1.00	0.02		2.00	17.00	21.00
			1079649	122.25	123.25	1.00	0.03		1.00	30.00	233.00
			1079651	123.25	124.25	1.00	0.18		6.00	52.00	182.00
			1079652	124.25	125.25	1.00	0.02		0.50	27.00	64.00
			1079653	125.25	126.64	1.39	0.03		0.50	31.00	121.00
126.64	175.14	BMS, Biotite Muscovite Schist	1079654	126.64	128.14	1.50	0.01		0.50	27.00	69.00
			1079655	173.64	175.14	1.50	0.03		0.50	41.00	261.00
			1079656	173.64	175.14	1.50	0.03		0.50	42.00	301.00
175.14	190.67	MSS, Muscovite Sericite Schist	1079657	175.14	176.14	1.00	0.04		0.50	33.00	742.00
			1079658	176.14	177.14	1.00	0.04		0.50	25.00	632.00
			1079659	177.14	178.14	1.00	0.02		0.50	50.00	380.00
			1079661	178.14	179.14	1.00	0.02		1.00	71.00	320.00
			1079662	179.14	180.14	1.00	0.02		0.50	45.00	154.00
			1079663	180.14	181.14	1.00	0.02		0.50	74.00	302.00
			1079664	181.14	182.14	1.00	0.03		1.00	118.00	291.00
			1079665	182.14	183.14	1.00	0.01		0.50	46.00	200.00
			1079666	183.14	184.14	1.00	0.01		0.50	42.00	102.00
			1079667	184.14	185.14	1.00	0.01		0.50	40.00	34.00
			1079668	185.14	186.14	1.00	0.05		1.00	31.00	69.00
			1079669	186.14	187.14	1.00	0.01		1.00	67.00	126.00
			1079671	187.14	188.14	1.00	0.01		1.00	46.00	57.00
			1079672	188.14	189.14	1.00	0.01		1.00	47.00	86.00
			1079673	189.14	190.14	1.00	0.01		1.00	28.00	29.00
			1079674	190.14	190.67	0.53	0.01		0.50	24.00	46.00
190.67	208.94	BMS, Biotite Muscovite Schist	1079675	190.67	192.17	1.50	0.01		0.50	21.00	58.00
			1079676	190.67	192.17	1.50	0.01		0.50	32.00	66.00
			1079677	207.44	208.94	1.50	0.01		0.50	19.00	19.00
208.94	217.26	MSS, Muscovite Sericite Schist	1079678	208.94	209.94	1.00	0.05		0.50	47.00	102.00
			1079679	209.94	210.94	1.00	0.03		0.50	62.00	75.00
			1079681	210.94	211.94	1.00	0.01		0.50	35.00	42.00
			1079682	211.94	212.94	1.00	0.03		0.50	56.00	61.00
			1079683	212.94	213.94	1.00	0.11		1.00	41.00	51.00
			1079684	213.94	214.94	1.00	0.23		3.00	368.00	210.00
			1079685	214.94	215.94	1.00	0.25		3.00	43.00	161.00
			1079686	215.94	217.26	1.32	0.06		2.00	117.00	372.00



DETAILED LOG

Hole Number: TL11213

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
217.26	225.10	BMS, Biotite Muscovite Schist	1079687	217.26	218.76	1.50	0.03		0.50	44.00	71.00
			1079688	218.76	220.26	1.50	0.05		0.50	26.00	62.00
			1079689	220.26	221.76	1.50	0.08		0.50	31.00	77.00
			1079691	221.76	223.26	1.50	0.07		1.00	49.00	83.00
			1079692	223.26	224.26	1.00	0.05		0.50	9.00	38.00
			1079693	224.26	225.10	0.84	0.03		0.50	14.00	38.00
225.10	255.41	MSS, Muscovite Sericite Schist Main zone MSS. VG at 231.40-231.53m	1079694	225.10	226.10	1.00	0.05		4.00	773.00	65.00
			1079696	226.10	227.10	1.00	0.12		0.50	43.00	884.00
			1079695	226.10	227.10	1.00	0.18		4.00	53.00	648.00
			1079697	227.10	228.10	1.00	0.62		3.00	118.00	769.00
			1079698	228.10	229.10	1.00	0.08		1.00	68.00	26.00
			1079699	229.10	230.10	1.00	0.02		1.00	141.00	138.00
			1079701	230.10	231.10	1.00	2.12		18.00	2183.00	4293.00
			1079702	231.10	231.60	0.50	53.94		1186.00	26248.00	24774.00
			1079703	231.60	232.60	1.00	0.38		23.00	502.00	1299.00
			1079704	232.60	233.60	1.00	1.69		2.00	91.00	109.00
			1079705	233.60	234.60	1.00	1.00		2.00	67.00	182.00
			1079706	234.60	235.60	1.00	0.88		3.00	80.00	328.00
			1079707	235.60	236.60	1.00	0.02		1.00	18.00	62.00
			1079708	236.60	237.60	1.00	0.02		2.00	16.00	84.00
			1079709	237.60	238.60	1.00	0.02		2.00	16.00	70.00
			1079711	238.60	239.60	1.00	0.03		1.00	14.00	58.00
			1079712	239.60	240.60	1.00	0.03		1.00	13.00	30.00
			1079713	240.60	241.60	1.00	0.04		1.00	16.00	37.00
			1079714	241.60	242.60	1.00	0.02		3.00	23.00	54.00
			1079716	242.60	243.60	1.00	0.01		2.00	24.00	85.00
			1079715	242.60	243.60	1.00	0.02		2.00	22.00	102.00
			1079717	243.60	244.60	1.00	0.05		2.00	28.00	68.00
			1079718	244.60	245.60	1.00	0.25		2.00	44.00	124.00
1079719	245.60	246.60	1.00	0.25		2.00	17.00	77.00			
1079721	246.60	247.60	1.00	0.06		1.00	15.00	52.00			
1079722	247.60	248.60	1.00	0.07		2.00	18.00	70.00			
1079723	248.60	249.60	1.00	0.03		1.00	18.00	77.00			
1079724	249.60	250.60	1.00	0.13		2.00	17.00	62.00			
1079725	250.60	251.60	1.00	0.03		2.00	99.00	82.00			
1079726	251.60	252.60	1.00	0.59		3.00	132.00	201.00			
1079727	252.60	253.60	1.00	1.34		15.00	703.00	2208.00			
1079728	253.60	254.60	1.00	5.19		18.00	476.00	392.00			
1079729	254.60	255.41	0.81	0.23		2.00	65.00	252.00			
255.41	259.38	BMS, Biotite Muscovite Schist	1079731	255.41	256.91	1.50	0.54		2.00	30.00	61.00
			1079732	256.91	258.41	1.50	0.06		2.00	28.00	53.00
			1079733	258.41	259.38	0.97	0.14		3.00	93.00	109.00

## DETAILED LOG

Hole Number: TL11213

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
259.38	267.10	MSS, Muscovite Sericite Schist	1079734	259.38	260.38	1.00	0.59		4.00	91.00	182.00
			1079735	260.38	261.38	1.00	0.07		2.00	52.00	83.00
			1079736	260.38	261.38	1.00	0.07		2.00	42.00	68.00
			1079737	261.38	262.38	1.00	0.08		2.00	37.00	275.00
			1079738	262.38	263.38	1.00	0.03		1.00	32.00	97.00
			1079739	263.38	264.38	1.00	0.05		1.00	58.00	119.00
			1079741	264.38	265.38	1.00	0.08		1.00	29.00	52.00
			1079742	265.38	266.38	1.00	0.50		5.00	136.00	399.00
			1079743	266.38	267.10	0.72	0.76		10.00	363.00	1404.00
267.10	282.18	BMS, Biotite Muscovite Schist	1079744	267.10	268.60	1.50	0.01		1.00	20.00	58.00
			1079745	280.68	282.18	1.50	0.01		1.00	12.00	68.00
282.18	290.92	MSS, Muscovite Sericite Schist	1079746	282.18	283.18	1.00	0.02		1.00	13.00	40.00
			1079747	283.18	284.18	1.00	0.03		2.00	28.00	68.00
			1079748	284.18	285.18	1.00	0.03		2.00	27.00	76.00
			1079749	285.18	286.18	1.00	0.01		1.00	18.00	49.00
			1079751	286.18	287.18	1.00	0.02		0.50	21.00	45.00
			1079752	287.18	288.18	1.00	0.01		0.50	21.00	49.00
			1079753	288.18	289.18	1.00	0.05		2.00	18.00	58.00
			1079754	289.18	290.18	1.00	0.11		2.00	96.00	220.00
			1079756	290.18	290.92	0.74	0.19		4.00	417.00	1899.00
1079755	290.18	290.92	0.74	0.18		5.00	538.00	1596.00			

# DETAILED LOG

Hole Number: TL11213

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
290.92	325.42	BMS, Biotite Muscovite Schist highly mineralized bms.	1079757	290.92	292.42	1.50	0.03		0.50	24.00	207.00
			1079758	292.42	293.92	1.50	0.06		1.00	50.00	157.00
			1079759	293.92	295.42	1.50	0.07		0.50	44.00	81.00
			1079761	295.42	296.92	1.50	0.11		0.50	45.00	72.00
			1079762	296.92	298.42	1.50	0.03		1.00	26.00	76.00
			1079763	298.42	299.92	1.50	0.45		2.00	245.00	800.00
			1079764	299.92	301.42	1.50	0.04		0.50	36.00	68.00
			1079765	301.42	302.92	1.50	0.03		0.50	34.00	63.00
			1079766	302.92	304.42	1.50	0.04		1.00	245.00	104.00
			1079767	304.42	305.92	1.50	0.03		0.50	32.00	71.00
			1079768	305.92	307.42	1.50	0.02		1.00	271.00	589.00
			1079769	307.42	308.92	1.50	0.01		0.50	44.00	118.00
			1079771	308.92	310.42	1.50	0.01		0.50	32.00	83.00
			1079772	310.42	311.92	1.50	0.02		0.50	95.00	97.00
			1079773	311.92	313.42	1.50	0.01		1.00	37.00	86.00
			1079774	313.42	314.92	1.50	0.03		2.00	32.00	1203.00
			1079775	314.92	316.66	1.74	0.02		1.00	29.00	403.00
			1079776	314.92	316.66	1.74	0.05		1.00	42.00	307.00
			1079777	316.66	317.20	0.54	0.04		8.00	1937.00	3910.00
			1079778	317.20	318.70	1.50	0.13		1.00	121.00	134.00
		1079779	318.70	320.20	1.50	0.17		2.00	304.00	628.00	
		1079781	320.20	321.70	1.50	0.08		1.00	35.00	391.00	
		1079782	321.70	323.20	1.50	0.11		2.00	216.00	283.00	
		1079783	323.20	324.70	1.50	0.04		0.50	47.00	72.00	
		1079784	324.70	325.42	0.72	0.06		0.50	43.00	77.00	

# DETAILED LOG

Hole Number: TL11213

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
325.42	345.26	MSS, Muscovite Sericite Schist c zone mss.	1079785	325.42	326.42	1.00	0.05		1.00	69.00	89.00
			1079786	326.42	327.42	1.00	0.07		2.00	43.00	145.00
			1079787	327.42	328.42	1.00	0.04		0.50	49.00	50.00
			1079788	328.42	329.42	1.00	0.03		0.50	34.00	46.00
			1079789	329.42	330.42	1.00	0.02		0.50	26.00	52.00
			1079791	330.42	331.42	1.00	0.69		4.00	416.00	1513.00
			1079792	331.42	332.42	1.00	0.07		0.50	33.00	66.00
			1079793	332.42	333.42	1.00	0.04		0.50	29.00	54.00
			1079794	333.42	334.42	1.00	3.00		0.50	28.00	284.00
			1079795	334.42	335.42	1.00	0.06		0.50	26.00	61.00
			1079796	334.42	335.42	1.00	0.07		0.50	29.00	65.00
			1079797	335.42	336.42	1.00	0.03		0.50	23.00	126.00
			1079798	336.42	337.42	1.00	0.07		0.50	32.00	130.00
			1079799	337.42	338.42	1.00	0.04		2.00	23.00	93.00
			1079801	338.42	339.42	1.00	0.05		1.00	21.00	98.00
			1079802	339.42	340.42	1.00	0.10		2.00	76.00	71.00
			1079803	340.42	341.42	1.00	0.05		1.00	31.00	98.00
1079804	341.42	342.42	1.00	0.02		0.50	70.00	100.00			
1079805	342.42	343.42	1.00	0.89		2.00	247.00	528.00			
1079806	343.42	344.42	1.00	0.05		1.00	46.00	69.00			
1079807	344.42	345.26	0.84	0.32		2.00	113.00	267.00			
345.26	354.00	BMS, Biotite Muscovite Schist	1079808	345.26	346.76	1.50	0.08		1.00	49.00	145.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079625	99.83	101.33	0.0590		0.5000	71.0000	130.0000
1079626	101.33	102.33	0.1020		2.0000	422.0000	1482.0000
1079627	102.33	103.33	0.0520		0.5000	224.0000	939.0000
1079628	103.33	104.33	0.0730		0.5000	145.0000	290.0000
1079629	104.33	105.33	0.0340		1.0000	172.0000	285.0000
1079631	105.33	106.33	0.0380		0.5000	67.0000	539.0000
1079632	106.33	107.33	0.0240		0.5000	195.0000	327.0000
1079633	107.33	108.03	0.0420		4.0000	693.0000	928.0000
1079634	108.03	109.53	0.0200		0.5000	60.0000	248.0000
1079635	109.53	111.03	0.0130		0.5000	24.0000	75.0000
1079637	111.03	112.53	0.0110		0.5000	35.0000	71.0000
1079638	112.53	113.25	0.0840		3.0000	27.0000	81.0000
1079639	113.25	114.25	0.0210		1.0000	26.0000	260.0000
1079641	114.25	115.25	0.0060		0.5000	23.0000	55.0000
1079642	115.25	116.25	0.0050		1.0000	30.0000	57.0000

Hole Number: TL11213

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079643	116.25	117.25	0.0130		0.5000	36.0000	48.0000
1079644	117.25	118.25	0.0080		0.5000	29.0000	40.0000
1079645	118.25	119.25	0.0060		0.5000	24.0000	64.0000
1079646	119.25	120.25	0.0100		0.5000	35.0000	50.0000
1079647	120.25	121.25	0.0270		1.0000	19.0000	27.0000
1079648	121.25	122.25	0.0150		2.0000	17.0000	21.0000
1079649	122.25	123.25	0.0290		1.0000	30.0000	233.0000
1079651	123.25	124.25	0.1790		6.0000	52.0000	182.0000
1079652	124.25	125.25	0.0220		0.5000	27.0000	64.0000
1079653	125.25	126.64	0.0310		0.5000	31.0000	121.0000
1079654	126.64	128.14	0.0090		0.5000	27.0000	69.0000
1079655	173.64	175.14	0.0330		0.5000	41.0000	261.0000
1079657	175.14	176.14	0.0420		0.5000	33.0000	742.0000
1079658	176.14	177.14	0.0430		0.5000	25.0000	632.0000
1079659	177.14	178.14	0.0230		0.5000	50.0000	380.0000
1079661	178.14	179.14	0.0200		1.0000	71.0000	320.0000
1079662	179.14	180.14	0.0150		0.5000	45.0000	154.0000
1079663	180.14	181.14	0.0170		0.5000	74.0000	302.0000
1079664	181.14	182.14	0.0260		1.0000	118.0000	291.0000
1079665	182.14	183.14	0.0110		0.5000	46.0000	200.0000
1079666	183.14	184.14	0.0100		0.5000	42.0000	102.0000
1079667	184.14	185.14	0.0100		0.5000	40.0000	34.0000
1079668	185.14	186.14	0.0500		1.0000	31.0000	69.0000
1079669	186.14	187.14	0.0100		1.0000	67.0000	126.0000
1079671	187.14	188.14	0.0090		1.0000	46.0000	57.0000
1079672	188.14	189.14	0.0100		1.0000	47.0000	86.0000
1079673	189.14	190.14	0.0120		1.0000	28.0000	29.0000
1079674	190.14	190.67	0.0080		0.5000	24.0000	46.0000
1079675	190.67	192.17	0.0130		0.5000	21.0000	58.0000
1079677	207.44	208.94	0.0080		0.5000	19.0000	19.0000
1079678	208.94	209.94	0.0490		0.5000	47.0000	102.0000
1079679	209.94	210.94	0.0290		0.5000	62.0000	75.0000
1079681	210.94	211.94	0.0090		0.5000	35.0000	42.0000
1079682	211.94	212.94	0.0270		0.5000	56.0000	61.0000
1079683	212.94	213.94	0.1080		1.0000	41.0000	51.0000
1079684	213.94	214.94	0.2260		3.0000	368.0000	210.0000
1079685	214.94	215.94	0.2530		3.0000	43.0000	161.0000
1079686	215.94	217.26	0.0580		2.0000	117.0000	372.0000
1079687	217.26	218.76	0.0340		0.5000	44.0000	71.0000

Hole Number: TL11213

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079688	218.76	220.26	0.0450		0.5000	26.0000	62.0000
1079689	220.26	221.76	0.0760		0.5000	31.0000	77.0000
1079691	221.76	223.26	0.0660		1.0000	49.0000	83.0000
1079692	223.26	224.26	0.0460		0.5000	9.0000	38.0000
1079693	224.26	225.10	0.0250		0.5000	14.0000	38.0000
1079694	225.10	226.10	0.0490		4.0000	773.0000	65.0000
1079695	226.10	227.10	0.1760		4.0000	53.0000	648.0000
1079697	227.10	228.10	0.6160		3.0000	118.0000	769.0000
1079698	228.10	229.10	0.0820		1.0000	68.0000	26.0000
1079699	229.10	230.10	0.0200		1.0000	141.0000	138.0000
1079701	230.10	231.10	2.1220		18.0000	2183.0000	4293.0000
1079702	231.10	231.60	53.9440		1186.0000	26248.0000	24774.0000
1079703	231.60	232.60	0.3780		23.0000	502.0000	1299.0000
1079704	232.60	233.60	1.6890		2.0000	91.0000	109.0000
1079705	233.60	234.60	1.0000		2.0000	67.0000	182.0000
1079706	234.60	235.60	0.8810		3.0000	80.0000	328.0000
1079707	235.60	236.60	0.0210		1.0000	18.0000	62.0000
1079708	236.60	237.60	0.0180		2.0000	16.0000	84.0000
1079709	237.60	238.60	0.0150		2.0000	16.0000	70.0000
1079711	238.60	239.60	0.0300		1.0000	14.0000	58.0000
1079712	239.60	240.60	0.0260		1.0000	13.0000	30.0000
1079713	240.60	241.60	0.0420		1.0000	16.0000	37.0000
1079714	241.60	242.60	0.0200		3.0000	23.0000	54.0000
1079715	242.60	243.60	0.0200		2.0000	22.0000	102.0000
1079717	243.60	244.60	0.0530		2.0000	28.0000	68.0000
1079718	244.60	245.60	0.2480		2.0000	44.0000	124.0000
1079719	245.60	246.60	0.2460		2.0000	17.0000	77.0000
1079721	246.60	247.60	0.0600		1.0000	15.0000	52.0000
1079722	247.60	248.60	0.0720		2.0000	18.0000	70.0000
1079723	248.60	249.60	0.0330		1.0000	18.0000	77.0000
1079724	249.60	250.60	0.1280		2.0000	17.0000	62.0000
1079725	250.60	251.60	0.0320		2.0000	99.0000	82.0000
1079726	251.60	252.60	0.5850		3.0000	132.0000	201.0000
1079727	252.60	253.60	1.3350		15.0000	703.0000	2208.0000
1079728	253.60	254.60	5.1930		18.0000	476.0000	392.0000
1079729	254.60	255.41	0.2290		2.0000	65.0000	252.0000
1079731	255.41	256.91	0.5400		2.0000	30.0000	61.0000
1079732	256.91	258.41	0.0550		2.0000	28.0000	53.0000
1079733	258.41	259.38	0.1420		3.0000	93.0000	109.0000

Hole Number: TL11213

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079734	259.38	260.38	0.5850		4.0000	91.0000	182.0000
1079735	260.38	261.38	0.0660		2.0000	52.0000	83.0000
1079737	261.38	262.38	0.0810		2.0000	37.0000	275.0000
1079738	262.38	263.38	0.0250		1.0000	32.0000	97.0000
1079739	263.38	264.38	0.0480		1.0000	58.0000	119.0000
1079741	264.38	265.38	0.0780		1.0000	29.0000	52.0000
1079742	265.38	266.38	0.5040		5.0000	136.0000	399.0000
1079743	266.38	267.10	0.7560		10.0000	363.0000	1404.0000
1079744	267.10	268.60	0.0130		1.0000	20.0000	58.0000
1079745	280.68	282.18	0.0120		1.0000	12.0000	68.0000
1079746	282.18	283.18	0.0230		1.0000	13.0000	40.0000
1079747	283.18	284.18	0.0310		2.0000	28.0000	68.0000
1079748	284.18	285.18	0.0290		2.0000	27.0000	76.0000
1079749	285.18	286.18	0.0140		1.0000	18.0000	49.0000
1079751	286.18	287.18	0.0150		0.5000	21.0000	45.0000
1079752	287.18	288.18	0.0070		0.5000	21.0000	49.0000
1079753	288.18	289.18	0.0520		2.0000	18.0000	58.0000
1079754	289.18	290.18	0.1050		2.0000	96.0000	220.0000
1079755	290.18	290.92	0.1840		5.0000	538.0000	1596.0000
1079757	290.92	292.42	0.0250		0.5000	24.0000	207.0000
1079758	292.42	293.92	0.0600		1.0000	50.0000	157.0000
1079759	293.92	295.42	0.0730		0.5000	44.0000	81.0000
1079761	295.42	296.92	0.1050		0.5000	45.0000	72.0000
1079762	296.92	298.42	0.0280		1.0000	26.0000	76.0000
1079763	298.42	299.92	0.4520		2.0000	245.0000	800.0000
1079764	299.92	301.42	0.0410		0.5000	36.0000	68.0000
1079765	301.42	302.92	0.0260		0.5000	34.0000	63.0000
1079766	302.92	304.42	0.0430		1.0000	245.0000	104.0000
1079767	304.42	305.92	0.0300		0.5000	32.0000	71.0000
1079768	305.92	307.42	0.0220		1.0000	271.0000	589.0000
1079769	307.42	308.92	0.0120		0.5000	44.0000	118.0000
1079771	308.92	310.42	0.0120		0.5000	32.0000	83.0000
1079772	310.42	311.92	0.0170		0.5000	95.0000	97.0000
1079773	311.92	313.42	0.0080		1.0000	37.0000	86.0000
1079774	313.42	314.92	0.0270		2.0000	32.0000	1203.0000
1079775	314.92	316.66	0.0220		1.0000	29.0000	403.0000
1079777	316.66	317.20	0.0440		8.0000	1937.0000	3910.0000
1079778	317.20	318.70	0.1290		1.0000	121.0000	134.0000
1079779	318.70	320.20	0.1730		2.0000	304.0000	628.0000

Hole Number: TL11213

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079781	320.20	321.70	0.0780		1.0000	35.0000	391.0000
1079782	321.70	323.20	0.1080		2.0000	216.0000	283.0000
1079783	323.20	324.70	0.0390		0.5000	47.0000	72.0000
1079784	324.70	325.42	0.0590		0.5000	43.0000	77.0000
1079785	325.42	326.42	0.0520		1.0000	69.0000	89.0000
1079786	326.42	327.42	0.0700		2.0000	43.0000	145.0000
1079787	327.42	328.42	0.0380		0.5000	49.0000	50.0000
1079788	328.42	329.42	0.0290		0.5000	34.0000	46.0000
1079789	329.42	330.42	0.0200		0.5000	26.0000	52.0000
1079791	330.42	331.42	0.6860		4.0000	416.0000	1513.0000
1079792	331.42	332.42	0.0730		0.5000	33.0000	66.0000
1079793	332.42	333.42	0.0400		0.5000	29.0000	54.0000
1079794	333.42	334.42	3.0030		0.5000	28.0000	284.0000
1079795	334.42	335.42	0.0620		0.5000	26.0000	61.0000
1079797	335.42	336.42	0.0320		0.5000	23.0000	126.0000
1079798	336.42	337.42	0.0680		0.5000	32.0000	130.0000
1079799	337.42	338.42	0.0430		2.0000	23.0000	93.0000
1079801	338.42	339.42	0.0540		1.0000	21.0000	98.0000
1079802	339.42	340.42	0.1030		2.0000	76.0000	71.0000
1079803	340.42	341.42	0.0470		1.0000	31.0000	98.0000
1079804	341.42	342.42	0.0230		0.5000	70.0000	100.0000
1079805	342.42	343.42	0.8910		2.0000	247.0000	528.0000
1079806	343.42	344.42	0.0450		1.0000	46.0000	69.0000
1079807	344.42	345.26	0.3230		2.0000	113.0000	267.0000
1079808	345.26	346.76	0.0840		1.0000	49.0000	145.0000
Sample Type	CDUP						
1079636	109.53	111.03	0.0450		0.5000	30.0000	72.0000
1079656	173.64	175.14	0.0340		0.5000	42.0000	301.0000
1079676	190.67	192.17	0.0100		0.5000	32.0000	66.0000
1079696	226.10	227.10	0.1180		0.5000	43.0000	884.0000
1079716	242.60	243.60	0.0130		2.0000	24.0000	85.0000
1079736	260.38	261.38	0.0690		2.0000	42.0000	68.0000
1079756	290.18	290.92	0.1940		4.0000	417.0000	1899.0000
1079776	314.92	316.66	0.0520		1.0000	42.0000	307.0000
1079796	334.42	335.42	0.0690		0.5000	29.0000	65.0000





## DETAILED LOG

Hole Number: TL11214

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
2.50	167.95	BMS, Biotite Muscovite Schist Fairly typical BMS unit with 70-80% biotite bands intercalated with 20-30% sericite bands with overall strong silicification and local (1%) chlorite bands parallel to foliation. Large and abundant, 1-7mm quartz porphyroblasts, sub-angular to sub-rounded, often elongated and parallel to foliation.	1226204	3.00	4.50	1.50	0.01		0.50	50.00	242.00
			1226205	4.50	6.00	1.50	0.09		0.50	45.00	282.00
			1226206	6.00	7.50	1.50	0.07		0.50	48.00	148.00
			1226207	7.50	9.00	1.50	0.09		0.50	45.00	326.00
			1226208	9.00	10.50	1.50	0.03		0.50	42.00	112.00
			1226209	10.50	12.00	1.50	0.04		0.50	39.00	131.00
			1226211	12.00	13.50	1.50	0.01		0.50	44.00	100.00
			1226212	13.50	15.00	1.50	0.01		0.50	51.00	90.00
			1226213	15.00	16.50	1.50	0.01		0.50	50.00	99.00
			1226214	16.50	18.00	1.50	0.02		0.50	52.00	780.00
			1226216	18.00	19.50	1.50	0.05		0.50	41.00	226.00
			1226215	18.00	19.50	1.50	0.05		0.50	44.00	288.00
			1226217	19.50	21.00	1.50	0.06		0.50	42.00	204.00
			1226218	21.00	22.50	1.50	0.06		0.50	41.00	254.00
1226219	22.50	24.00	1.50	0.12		0.50	47.00	170.00			
1226221	24.00	25.50	1.50	0.10		1.00	47.00	233.00			
1226222	25.50	27.00	1.50	0.03		0.50	44.00	123.00			
167.95	213.53	BS, Biotite Schist									
213.53	294.15	BMS, Biotite Muscovite Schist	1226223	236.00	237.50	1.50	0.02		0.50	47.00	83.00
			1226224	237.50	239.00	1.50	0.01		0.50	47.00	49.00
			1226225	239.00	240.50	1.50	0.01		0.50	39.00	55.00
			1226226	240.50	242.00	1.50	0.01		0.50	40.00	67.00
			1226227	242.00	243.50	1.50	0.01		0.50	43.00	94.00
			1226228	243.50	245.00	1.50	0.05		0.50	43.00	89.00
			1226229	245.00	246.50	1.50	0.02		0.50	38.00	79.00
			1226231	246.50	248.00	1.50	0.01		3.00	365.00	222.00
294.15	310.26	BS, Biotite Schist									
310.26	336.65	BMS, Biotite Muscovite Schist	1226232	324.65	326.15	1.50	0.02		0.50	57.00	92.00
			1226233	326.15	327.65	1.50	0.01		0.50	63.00	91.00
			1226234	327.65	329.15	1.50	0.02		0.50	56.00	84.00
			1226235	329.15	330.65	1.50	0.04		0.50	66.00	95.00
			1226236	329.15	330.65	1.50	0.02		0.50	51.00	95.00
			1226237	330.65	332.15	1.50	0.10		0.50	87.00	251.00
			1226238	332.15	333.65	1.50	0.02		0.50	64.00	99.00
			1226239	333.65	335.15	1.50	0.03		0.50	90.00	107.00
			1226241	335.15	336.65	1.50	0.04		0.50	58.00	102.00
336.65	343.87	BS, Biotite Schist	1226242	336.65	338.15	1.50	0.07		0.50	67.00	111.00
			1226243	342.37	343.87	1.50	0.15		0.50	72.00	195.00

DETAILED LOG

Hole Number: TL11214

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
343.87	357.68	BMS, Biotite Muscovite Schist	1226244	343.87	345.37	1.50	0.01		0.50	46.00	75.00
			1226245	345.37	346.87	1.50	0.01		0.50	39.00	71.00
			1226246	346.87	348.37	1.50	0.01		0.50	39.00	77.00
			1226247	348.37	349.87	1.50	0.02		0.50	42.00	84.00
			1226248	349.87	351.37	1.50	0.04		0.50	44.00	81.00
			1226249	351.37	352.87	1.50	0.01		0.50	39.00	78.00
			1226251	352.87	354.37	1.50	0.03		0.50	54.00	84.00
			1226252	354.37	355.87	1.50	0.02		0.50	38.00	70.00
			1226253	355.87	357.68	1.81	0.02		0.50	42.00	71.00

## DETAILED LOG

Hole Number: TL11214

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
357.68	397.52	MSS, Muscovite Sericite Schist	1226254	357.68	358.68	1.00	0.08		0.50	59.00	253.00
			1226256	358.68	359.68	1.00	0.02		0.50	39.00	58.00
			1226255	358.68	359.68	1.00	0.04		0.50	44.00	61.00
			1226257	359.68	360.68	1.00	0.03		0.50	49.00	71.00
			1226258	360.68	361.68	1.00	0.02		0.50	45.00	70.00
			1226259	361.68	362.68	1.00	0.01		0.50	39.00	66.00
			1226261	362.68	363.68	1.00	0.01		0.50	43.00	69.00
			1226262	363.68	364.68	1.00	0.02		0.50	46.00	73.00
			1226263	364.68	365.68	1.00	0.02		0.50	56.00	96.00
			1226264	365.68	366.68	1.00	0.03		0.50	45.00	394.00
			1226265	366.68	367.68	1.00	0.02		0.50	45.00	111.00
			1226266	367.68	368.68	1.00	0.01		0.50	43.00	93.00
			1226267	368.68	369.68	1.00	0.04		0.50	47.00	102.00
			1226268	369.68	370.68	1.00	0.02		0.50	47.00	102.00
			1226269	370.68	371.68	1.00	0.01		0.50	44.00	83.00
			1226271	371.68	372.68	1.00	0.02		0.50	80.00	99.00
			1226272	372.68	373.68	1.00	0.02		0.50	88.00	164.00
			1226273	373.68	374.68	1.00	0.02		0.50	55.00	102.00
			1226274	374.68	375.68	1.00	0.02		0.50	57.00	170.00
			1226275	375.68	376.68	1.00	0.05		0.50	65.00	97.00
			1226276	375.68	376.68	1.00	0.01		0.50	69.00	94.00
			1226277	376.68	377.68	1.00	0.01		0.50	62.00	166.00
			1226278	377.68	378.68	1.00	0.01		0.50	54.00	92.00
			1226279	378.68	379.68	1.00	0.01		0.50	59.00	132.00
			1226281	379.68	380.35	0.67	0.01		0.50	74.00	105.00
			1226282	380.35	381.25	0.90	0.03		0.50	127.00	201.00
			1226283	381.25	382.25	1.00	0.01		0.50	91.00	280.00
			1226284	382.25	383.25	1.00	0.02		0.50	52.00	106.00
			1226285	383.25	384.25	1.00	0.01		0.50	46.00	84.00
			1226286	384.25	385.50	1.25	0.04		0.50	69.00	131.00
			1226287	385.50	387.00	1.50	0.11		0.50	96.00	155.00
			1226288	387.00	388.00	1.00	0.13		0.50	122.00	417.00
			1226289	388.00	389.00	1.00	0.06		0.50	113.00	246.00
			1226291	389.00	389.95	0.95	0.04		2.00	142.00	327.00
			1226292	389.95	390.45	0.50	0.07		0.50	108.00	99.00
			1226293	390.45	390.95	0.50	0.83		9.00	1518.00	6309.00
			1226294	390.95	391.95	1.00	0.03		0.50	166.00	413.00
			1226296	391.95	392.95	1.00	0.03		0.50	109.00	235.00
			1226295	391.95	392.95	1.00	0.03		0.50	104.00	270.00
			1226297	392.95	393.95	1.00	0.02		0.50	83.00	90.00
			1226298	393.95	394.95	1.00	0.02		0.50	86.00	124.00
			1226299	394.95	395.95	1.00	0.08		0.50	87.00	128.00
			1226301	395.95	396.95	1.00	0.05		0.50	66.00	95.00



## DETAILED LOG

Hole Number: TL11214

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
424.50	447.56	BMS, Biotite Muscovite Schist	1226331	424.50	425.50	1.00	0.02		0.50	97.00	188.00
			1226332	425.50	427.00	1.50	0.03		1.00	122.00	200.00
			1226333	427.00	428.00	1.00	0.05		6.00	789.00	1475.00
			1226334	428.00	429.00	1.00	0.26		16.00	885.00	2161.00
			1226336	429.00	430.50	1.50	0.06		10.00	1067.00	1182.00
			1226335	429.00	430.50	1.50	0.06		5.00	694.00	702.00
			1226337	430.50	432.00	1.50	0.02		0.50	153.00	137.00
			1226338	432.00	433.50	1.50	0.07		2.00	334.00	388.00
			1226339	433.50	435.00	1.50	0.03		0.50	89.00	253.00
			1226341	435.00	436.50	1.50	0.02		0.50	74.00	249.00
			1226342	436.50	438.00	1.50	0.05		0.50	73.00	185.00
			1226343	438.00	439.50	1.50	0.17		0.50	92.00	180.00
			1226344	439.50	441.00	1.50	0.02		0.50	85.00	234.00
			1226345	441.00	442.50	1.50	0.01		0.50	63.00	256.00
			1226346	442.50	444.00	1.50	0.01		0.50	62.00	179.00
			1226347	444.00	445.00	1.00	0.01		0.50	56.00	161.00
			1226348	445.00	446.50	1.50	0.01		0.50	55.00	105.00
			1226349	446.50	447.56	1.06	0.01		0.50	66.00	80.00
			447.56	455.22	MSS, Muscovite Sericite Schist	1226351	447.56	448.56	1.00	0.05	
1226352	448.56	449.56				1.00	0.02		0.50	54.00	65.00
1226353	449.56	450.56				1.00	0.01		0.50	44.00	55.00
1226354	450.56	451.56				1.00	0.02		0.50	65.00	70.00
1226355	451.56	452.56				1.00	0.02		0.50	81.00	83.00
1226356	451.56	452.56				1.00	0.02		0.50	89.00	89.00
1226357	452.56	453.56				1.00	0.07		0.50	83.00	222.00
1226358	453.56	455.22				1.66	0.03		0.50	68.00	172.00
455.22	501.34	BMS, Biotite Muscovite Schist	1226359	455.22	456.72	1.50	0.01		0.50	62.00	111.00
			1226361	456.72	458.22	1.50	0.02		0.50	84.00	177.00
			1226362	458.22	459.72	1.50	0.01		0.50	61.00	80.00
			1226363	479.70	481.20	1.50	0.06		0.50	51.00	96.00
			1226364	481.20	482.70	1.50	0.04		0.50	57.00	86.00
			1226365	482.70	483.50	0.80	0.04		0.50	62.00	76.00
			1226366	483.50	484.50	1.00	0.06		0.50	65.00	165.00
			1226367	484.50	486.00	1.50	0.02		0.50	66.00	98.00
			1226368	486.00	487.50	1.50	0.02		0.50	58.00	126.00
			1226369	499.84	501.34	1.50	0.02		0.50	61.00	93.00

DETAILED LOG

Hole Number: TL11214

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
501.34	512.29	MSS, Muscovite Sericite Schist	1226371	501.34	502.34	1.00	0.06		0.50	84.00	274.00
			1226372	502.34	503.34	1.00	0.02		0.50	64.00	110.00
			1226373	503.34	504.34	1.00	0.09		0.50	106.00	204.00
			1226374	504.34	505.34	1.00	0.09		0.50	127.00	120.00
			1226375	505.34	506.34	1.00	0.11		0.50	93.00	135.00
			1226376	505.34	506.34	1.00	0.06		0.50	89.00	129.00
			1226377	506.34	507.34	1.00	0.04		0.50	77.00	115.00
			1226378	507.34	508.34	1.00	0.07		0.50	98.00	170.00
			1226379	508.34	509.34	1.00	0.12		0.50	68.00	146.00
			1226381	509.34	510.34	1.00	0.06		0.50	88.00	131.00
			1226382	510.34	511.34	1.00	0.36		2.00	345.00	646.00
			1226383	511.34	512.29	0.95	0.06		0.50	70.00	139.00
			512.29	544.45	BMS, Biotite Muscovite Schist	1226384	512.29	513.79	1.50	0.04	
1226385	513.79	515.29				1.50	0.10		0.50	54.00	130.00
1226386	515.29	516.79				1.50	0.05		0.50	59.00	128.00
1226387	516.79	518.29				1.50	0.07		0.50	72.00	153.00
1226388	518.29	519.40				1.11	0.06		0.50	85.00	103.00
1226389	519.40	519.90				0.50	0.62		2.00	177.00	715.00
1226391	519.90	521.40				1.50	0.07		1.00	185.00	416.00
1226392	521.40	522.00				0.60	0.28		0.50	57.00	1212.00
1226393	522.00	523.50				1.50	0.04		0.50	64.00	226.00
1226394	523.50	525.00				1.50	0.13		0.50	55.00	121.00
1226395	525.00	526.50				1.50	0.07		0.50	53.00	105.00
1226396	525.00	526.50				1.50	0.06		0.50	56.00	105.00
1226397	526.50	528.00				1.50	0.08		0.50	51.00	117.00
1226398	528.00	529.50				1.50	0.16		0.50	46.00	112.00
1226399	529.50	531.00				1.50	0.49		0.50	46.00	119.00
1226401	531.00	532.50				1.50	0.04		0.50	49.00	116.00
1226402	532.50	534.00				1.50	0.02		0.50	50.00	142.00
1226403	534.00	535.10				1.10	0.06		0.50	51.00	190.00
1226404	535.10	536.10				1.00	0.01		0.50	46.00	92.00
1226405	536.10	537.60				1.50	0.01		0.50	52.00	127.00
1226406	537.60	539.10				1.50	0.02		0.50	55.00	157.00
1226407	539.10	540.60				1.50	0.01		0.50	53.00	121.00
1226408	540.60	542.10				1.50	0.02		0.50	65.00	831.00
1226409	542.10	543.60	1.50	0.02		0.50	57.00	226.00			
1226411	543.60	544.45	0.85	0.01		2.00	262.00	212.00			
544.45	549.40	BS, Biotite Schist	1226412	544.45	545.95	1.50	0.01		0.50	58.00	127.00

# DETAILED LOG

Hole Number: TL11214

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
549.40	603.00	BMS, Biotite Muscovite Schist	1226413	564.00	565.50	1.50	0.16		0.50	55.00	188.00
			1226414	565.50	567.00	1.50	0.06		0.50	55.00	247.00
			1226415	567.00	568.50	1.50	0.06		0.50	54.00	274.00
			1226416	567.00	568.50	1.50	0.06		0.50	55.00	251.00
			1226417	568.50	570.00	1.50	0.03		0.50	59.00	140.00
			1226418	570.00	571.50	1.50	0.02		0.50	43.00	122.00
			1226419	571.50	573.00	1.50	0.05		0.50	51.00	297.00
			1226421	573.00	574.50	1.50	0.06		0.50	52.00	1155.00
			1226422	574.50	576.00	1.50	0.05		0.50	71.00	325.00
			1226423	576.00	577.50	1.50	0.15		0.50	68.00	614.00
			1226424	577.50	579.00	1.50	0.06		0.50	51.00	263.00
			1226425	579.00	580.30	1.30	0.10		0.50	49.00	337.00
			1226426	580.30	580.80	0.50	0.57		3.00	83.00	11801.00
			1226427	580.80	582.30	1.50	0.07		0.50	61.00	867.00
			1226428	582.30	583.80	1.50	0.05		0.50	49.00	194.00
			1226429	583.80	585.30	1.50	0.06		0.50	81.00	392.00
			1226431	585.30	586.80	1.50	0.02		0.50	150.00	257.00
			1226432	586.80	588.30	1.50	0.09		2.00	899.00	1157.00
			1226433	588.30	589.80	1.50	0.02		0.50	63.00	124.00
			1226434	589.80	591.30	1.50	0.01		0.50	50.00	269.00
			1226435	591.30	592.80	1.50	0.03		0.50	48.00	218.00
			1226436	591.30	592.80	1.50	0.01		0.50	37.00	270.00
			1226437	592.80	594.30	1.50	0.01		0.50	45.00	87.00
			1226438	594.30	595.80	1.50	0.02		0.50	38.00	90.00
		1226439	595.80	596.80	1.00	0.02		0.50	43.00	102.00	
		1226441	596.80	597.70	0.90	0.02		0.50	45.00	87.00	
		1226442	597.70	598.20	0.50	0.05		0.50	63.00	4036.00	
		1226443	598.20	599.70	1.50	0.02		0.50	58.00	664.00	
		1226444	599.70	601.20	1.50	0.02		0.50	27.00	152.00	
		1226445	601.20	603.00	1.80	0.02		0.50	30.00	76.00	

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226204	3.00	4.50	0.0080		0.5000	50.0000	242.0000
1226205	4.50	6.00	0.0900		0.5000	45.0000	282.0000
1226206	6.00	7.50	0.0650		0.5000	48.0000	148.0000
1226207	7.50	9.00	0.0880		0.5000	45.0000	326.0000
1226208	9.00	10.50	0.0260		0.5000	42.0000	112.0000
1226209	10.50	12.00	0.0380		0.5000	39.0000	131.0000
1226211	12.00	13.50	0.0140		0.5000	44.0000	100.0000
1226212	13.50	15.00	0.0110		0.5000	51.0000	90.0000



Hole Number: TL11214

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226213	15.00	16.50	0.0120		0.5000	50.0000	99.0000
1226214	16.50	18.00	0.0210		0.5000	52.0000	780.0000
1226215	18.00	19.50	0.0500		0.5000	44.0000	288.0000
1226217	19.50	21.00	0.0590		0.5000	42.0000	204.0000
1226218	21.00	22.50	0.0630		0.5000	41.0000	254.0000
1226219	22.50	24.00	0.1230		0.5000	47.0000	170.0000
1226221	24.00	25.50	0.1000		1.0000	47.0000	233.0000
1226222	25.50	27.00	0.0300		0.5000	44.0000	123.0000
1226223	236.00	237.50	0.0190		0.5000	47.0000	83.0000
1226224	237.50	239.00	0.0130		0.5000	47.0000	49.0000
1226225	239.00	240.50	0.0140		0.5000	39.0000	55.0000
1226226	240.50	242.00	0.0060		0.5000	40.0000	67.0000
1226227	242.00	243.50	0.0140		0.5000	43.0000	94.0000
1226228	243.50	245.00	0.0530		0.5000	43.0000	89.0000
1226229	245.00	246.50	0.0160		0.5000	38.0000	79.0000
1226231	246.50	248.00	0.0130		3.0000	365.0000	222.0000
1226232	324.65	326.15	0.0240		0.5000	57.0000	92.0000
1226233	326.15	327.65	0.0120		0.5000	63.0000	91.0000
1226234	327.65	329.15	0.0210		0.5000	56.0000	84.0000
1226235	329.15	330.65	0.0370		0.5000	66.0000	95.0000
1226237	330.65	332.15	0.1040		0.5000	87.0000	251.0000
1226238	332.15	333.65	0.0200		0.5000	64.0000	99.0000
1226239	333.65	335.15	0.0280		0.5000	90.0000	107.0000
1226241	335.15	336.65	0.0350		0.5000	58.0000	102.0000
1226242	336.65	338.15	0.0710		0.5000	67.0000	111.0000
1226243	342.37	343.87	0.1540		0.5000	72.0000	195.0000
1226244	343.87	345.37	0.0130		0.5000	46.0000	75.0000
1226245	345.37	346.87	0.0070		0.5000	39.0000	71.0000
1226246	346.87	348.37	0.0120		0.5000	39.0000	77.0000
1226247	348.37	349.87	0.0150		0.5000	42.0000	84.0000
1226248	349.87	351.37	0.0430		0.5000	44.0000	81.0000
1226249	351.37	352.87	0.0130		0.5000	39.0000	78.0000
1226251	352.87	354.37	0.0330		0.5000	54.0000	84.0000
1226252	354.37	355.87	0.0160		0.5000	38.0000	70.0000
1226253	355.87	357.68	0.0170		0.5000	42.0000	71.0000
1226254	357.68	358.68	0.0760		0.5000	59.0000	253.0000
1226255	358.68	359.68	0.0370		0.5000	44.0000	61.0000
1226257	359.68	360.68	0.0290		0.5000	49.0000	71.0000
1226258	360.68	361.68	0.0210		0.5000	45.0000	70.0000

Hole Number: TL11214

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226259	361.68	362.68	0.0110		0.5000	39.0000	66.0000
1226261	362.68	363.68	0.0140		0.5000	43.0000	69.0000
1226262	363.68	364.68	0.0220		0.5000	46.0000	73.0000
1226263	364.68	365.68	0.0180		0.5000	56.0000	96.0000
1226264	365.68	366.68	0.0250		0.5000	45.0000	394.0000
1226265	366.68	367.68	0.0170		0.5000	45.0000	111.0000
1226266	367.68	368.68	0.0080		0.5000	43.0000	93.0000
1226267	368.68	369.68	0.0380		0.5000	47.0000	102.0000
1226268	369.68	370.68	0.0160		0.5000	47.0000	102.0000
1226269	370.68	371.68	0.0130		0.5000	44.0000	83.0000
1226271	371.68	372.68	0.0200		0.5000	80.0000	99.0000
1226272	372.68	373.68	0.0170		0.5000	88.0000	164.0000
1226273	373.68	374.68	0.0200		0.5000	55.0000	102.0000
1226274	374.68	375.68	0.0200		0.5000	57.0000	170.0000
1226275	375.68	376.68	0.0510		0.5000	65.0000	97.0000
1226277	376.68	377.68	0.0080		0.5000	62.0000	166.0000
1226278	377.68	378.68	0.0120		0.5000	54.0000	92.0000
1226279	378.68	379.68	0.0100		0.5000	59.0000	132.0000
1226281	379.68	380.35	0.0090		0.5000	74.0000	105.0000
1226282	380.35	381.25	0.0330		0.5000	127.0000	201.0000
1226283	381.25	382.25	0.0140		0.5000	91.0000	280.0000
1226284	382.25	383.25	0.0190		0.5000	52.0000	106.0000
1226285	383.25	384.25	0.0130		0.5000	46.0000	84.0000
1226286	384.25	385.50	0.0370		0.5000	69.0000	131.0000
1226287	385.50	387.00	0.1090		0.5000	96.0000	155.0000
1226288	387.00	388.00	0.1310		0.5000	122.0000	417.0000
1226289	388.00	389.00	0.0590		0.5000	113.0000	246.0000
1226291	389.00	389.95	0.0380		2.0000	142.0000	327.0000
1226292	389.95	390.45	0.0720		0.5000	108.0000	99.0000
1226293	390.45	390.95	0.8330		9.0000	1518.0000	6309.0000
1226294	390.95	391.95	0.0270		0.5000	166.0000	413.0000
1226295	391.95	392.95	0.0280		0.5000	104.0000	270.0000
1226297	392.95	393.95	0.0160		0.5000	83.0000	90.0000
1226298	393.95	394.95	0.0150		0.5000	86.0000	124.0000
1226299	394.95	395.95	0.0840		0.5000	87.0000	128.0000
1226301	395.95	396.95	0.0490		0.5000	66.0000	95.0000
1226302	396.95	397.52	0.1010		0.5000	94.0000	97.0000
1226303	397.52	398.52	0.0350		0.5000	71.0000	82.0000
1226304	398.52	399.52	0.0370		0.5000	76.0000	251.0000

Hole Number: TL11214

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226305	399.52	400.52	0.0190		0.5000	70.0000	220.0000
1226306	400.52	401.52	0.0330		0.5000	52.0000	57.0000
1226307	401.52	402.52	0.0240		0.5000	60.0000	63.0000
1226308	402.52	403.52	0.0920		0.5000	69.0000	53.0000
1226309	403.52	404.52	0.0260		0.5000	93.0000	67.0000
1226311	404.52	405.52	0.1420		0.5000	81.0000	188.0000
1226312	405.52	406.52	0.0120		0.5000	56.0000	62.0000
1226313	406.52	407.52	0.0200		0.5000	74.0000	197.0000
1226314	407.52	408.52	0.0100		0.5000	80.0000	117.0000
1226315	408.52	409.52	0.0080		0.5000	65.0000	90.0000
1226317	409.52	410.52	0.0080		0.5000	64.0000	89.0000
1226318	410.52	411.52	0.0050		0.5000	49.0000	74.0000
1226319	411.52	412.52	0.0070		0.5000	54.0000	94.0000
1226321	412.52	413.52	0.0030		0.5000	53.0000	82.0000
1226322	413.52	415.00	0.0070		0.5000	56.0000	82.0000
1226323	415.00	416.50	0.0090		0.5000	50.0000	84.0000
1226324	416.50	418.00	0.0070		0.5000	54.0000	102.0000
1226325	418.00	419.50	0.0150		0.5000	66.0000	105.0000
1226326	419.50	421.00	0.0200		0.5000	63.0000	113.0000
1226327	421.00	422.50	1.0040		0.5000	74.0000	159.0000
1226328	422.50	423.50	0.0980		2.0000	88.0000	217.0000
1226329	423.50	424.50	0.1430		3.0000	95.0000	268.0000
1226331	424.50	425.50	0.0220		0.5000	97.0000	188.0000
1226332	425.50	427.00	0.0260		1.0000	122.0000	200.0000
1226333	427.00	428.00	0.0510		6.0000	789.0000	1475.0000
1226334	428.00	429.00	0.2570		16.0000	885.0000	2161.0000
1226335	429.00	430.50	0.0620		5.0000	694.0000	702.0000
1226337	430.50	432.00	0.0150		0.5000	153.0000	137.0000
1226338	432.00	433.50	0.0730		2.0000	334.0000	388.0000
1226339	433.50	435.00	0.0260		0.5000	89.0000	253.0000
1226341	435.00	436.50	0.0180		0.5000	74.0000	249.0000
1226342	436.50	438.00	0.0460		0.5000	73.0000	185.0000
1226343	438.00	439.50	0.1690		0.5000	92.0000	180.0000
1226344	439.50	441.00	0.0190		0.5000	85.0000	234.0000
1226345	441.00	442.50	0.0120		0.5000	63.0000	256.0000
1226346	442.50	444.00	0.0140		0.5000	62.0000	179.0000
1226347	444.00	445.00	0.0100		0.5000	56.0000	161.0000
1226348	445.00	446.50	0.0110		0.5000	55.0000	105.0000
1226349	446.50	447.56	0.0110		0.5000	66.0000	80.0000

Hole Number: TL11214

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226351	447.56	448.56	0.0520		1.0000	201.0000	229.0000
1226352	448.56	449.56	0.0150		0.5000	54.0000	65.0000
1226353	449.56	450.56	0.0120		0.5000	44.0000	55.0000
1226354	450.56	451.56	0.0230		0.5000	65.0000	70.0000
1226355	451.56	452.56	0.0170		0.5000	81.0000	83.0000
1226357	452.56	453.56	0.0660		0.5000	83.0000	222.0000
1226358	453.56	455.22	0.0300		0.5000	68.0000	172.0000
1226359	455.22	456.72	0.0140		0.5000	62.0000	111.0000
1226361	456.72	458.22	0.0150		0.5000	84.0000	177.0000
1226362	458.22	459.72	0.0140		0.5000	61.0000	80.0000
1226363	479.70	481.20	0.0590		0.5000	51.0000	96.0000
1226364	481.20	482.70	0.0430		0.5000	57.0000	86.0000
1226365	482.70	483.50	0.0350		0.5000	62.0000	76.0000
1226366	483.50	484.50	0.0610		0.5000	65.0000	165.0000
1226367	484.50	486.00	0.0220		0.5000	66.0000	98.0000
1226368	486.00	487.50	0.0240		0.5000	58.0000	126.0000
1226369	499.84	501.34	0.0200		0.5000	61.0000	93.0000
1226371	501.34	502.34	0.0640		0.5000	84.0000	274.0000
1226372	502.34	503.34	0.0230		0.5000	64.0000	110.0000
1226373	503.34	504.34	0.0900		0.5000	106.0000	204.0000
1226374	504.34	505.34	0.0860		0.5000	127.0000	120.0000
1226375	505.34	506.34	0.1060		0.5000	93.0000	135.0000
1226377	506.34	507.34	0.0380		0.5000	77.0000	115.0000
1226378	507.34	508.34	0.0650		0.5000	98.0000	170.0000
1226379	508.34	509.34	0.1180		0.5000	68.0000	146.0000
1226381	509.34	510.34	0.0590		0.5000	88.0000	131.0000
1226382	510.34	511.34	0.3620		2.0000	345.0000	646.0000
1226383	511.34	512.29	0.0640		0.5000	70.0000	139.0000
1226384	512.29	513.79	0.0420		0.5000	67.0000	118.0000
1226385	513.79	515.29	0.0950		0.5000	54.0000	130.0000
1226386	515.29	516.79	0.0480		0.5000	59.0000	128.0000
1226387	516.79	518.29	0.0660		0.5000	72.0000	153.0000
1226388	518.29	519.40	0.0640		0.5000	85.0000	103.0000
1226389	519.40	519.90	0.6210		2.0000	177.0000	715.0000
1226391	519.90	521.40	0.0680		1.0000	185.0000	416.0000
1226392	521.40	522.00	0.2830		0.5000	57.0000	1212.0000
1226393	522.00	523.50	0.0430		0.5000	64.0000	226.0000
1226394	523.50	525.00	0.1320		0.5000	55.0000	121.0000
1226395	525.00	526.50	0.0670		0.5000	53.0000	105.0000

Hole Number: TL11214

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226397	526.50	528.00	0.0750		0.5000	51.0000	117.0000
1226398	528.00	529.50	0.1570		0.5000	46.0000	112.0000
1226399	529.50	531.00	0.4910		0.5000	46.0000	119.0000
1226401	531.00	532.50	0.0420		0.5000	49.0000	116.0000
1226402	532.50	534.00	0.0210		0.5000	50.0000	142.0000
1226403	534.00	535.10	0.0620		0.5000	51.0000	190.0000
1226404	535.10	536.10	0.0110		0.5000	46.0000	92.0000
1226405	536.10	537.60	0.0050		0.5000	52.0000	127.0000
1226406	537.60	539.10	0.0160		0.5000	55.0000	157.0000
1226407	539.10	540.60	0.0050		0.5000	53.0000	121.0000
1226408	540.60	542.10	0.0160		0.5000	65.0000	831.0000
1226409	542.10	543.60	0.0180		0.5000	57.0000	226.0000
1226411	543.60	544.45	0.0110		2.0000	262.0000	212.0000
1226412	544.45	545.95	0.0080		0.5000	58.0000	127.0000
1226413	564.00	565.50	0.1580		0.5000	55.0000	188.0000
1226414	565.50	567.00	0.0570		0.5000	55.0000	247.0000
1226415	567.00	568.50	0.0590		0.5000	54.0000	274.0000
1226417	568.50	570.00	0.0340		0.5000	59.0000	140.0000
1226418	570.00	571.50	0.0220		0.5000	43.0000	122.0000
1226419	571.50	573.00	0.0500		0.5000	51.0000	297.0000
1226421	573.00	574.50	0.0620		0.5000	52.0000	1155.0000
1226422	574.50	576.00	0.0540		0.5000	71.0000	325.0000
1226423	576.00	577.50	0.1540		0.5000	68.0000	614.0000
1226424	577.50	579.00	0.0620		0.5000	51.0000	263.0000
1226425	579.00	580.30	0.0960		0.5000	49.0000	337.0000
1226426	580.30	580.80	0.5690		3.0000	83.0000	11801.0000
1226427	580.80	582.30	0.0740		0.5000	61.0000	867.0000
1226428	582.30	583.80	0.0510		0.5000	49.0000	194.0000
1226429	583.80	585.30	0.0560		0.5000	81.0000	392.0000
1226431	585.30	586.80	0.0200		0.5000	150.0000	257.0000
1226432	586.80	588.30	0.0850		2.0000	899.0000	1157.0000
1226433	588.30	589.80	0.0150		0.5000	63.0000	124.0000
1226434	589.80	591.30	0.0140		0.5000	50.0000	269.0000
1226435	591.30	592.80	0.0250		0.5000	48.0000	218.0000
1226437	592.80	594.30	0.0120		0.5000	45.0000	87.0000
1226438	594.30	595.80	0.0200		0.5000	38.0000	90.0000
1226439	595.80	596.80	0.0220		0.5000	43.0000	102.0000
1226441	596.80	597.70	0.0170		0.5000	45.0000	87.0000
1226442	597.70	598.20	0.0450		0.5000	63.0000	4036.0000

Hole Number: TL11214

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226443	598.20	599.70	0.0180		0.5000	58.0000	664.0000
1226444	599.70	601.20	0.0190		0.5000	27.0000	152.0000
1226445	601.20	603.00	0.0150		0.5000	30.0000	76.0000
Sample Type	CDUP						
1226216	18.00	19.50	0.0510		0.5000	41.0000	226.0000
1226236	329.15	330.65	0.0190		0.5000	51.0000	95.0000
1226256	358.68	359.68	0.0210		0.5000	39.0000	58.0000
1226276	375.68	376.68	0.0100		0.5000	69.0000	94.0000
1226296	391.95	392.95	0.0290		0.5000	109.0000	235.0000
1226316	408.52	409.52	0.0100		0.5000	74.0000	83.0000
1226336	429.00	430.50	0.0590		10.0000	1067.0000	1182.0000
1226356	451.56	452.56	0.0210		0.5000	89.0000	89.0000
1226376	505.34	506.34	0.0580		0.5000	89.0000	129.0000
1226396	525.00	526.50	0.0600		0.5000	56.0000	105.0000
1226416	567.00	568.50	0.0600		0.5000	55.0000	251.0000
1226436	591.30	592.80	0.0140		0.5000	37.0000	270.0000

# DETAILED LOG

Hole Number: TL11215

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511793.24	North:	Collar Az: 330.00
Location: Zealand Township	East: 527781.52	East:	Length: 324.00
	Elev: 390.66	Elev:	Start Depth: 0.00
Date Started: Jul 22, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Jul 29, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 324.00

Comments: Main Zone 132-162m  
 Strong sr/si alteration, common sulfide stringers with a semi-massive/condensed stringer interval from 134.50-134.65. Fault zones from 135.55-138 and 155.90-156.80.

C-Zone 259-291m  
 Strong sr alteration with patches of weak to moderate sr. Weak to strong patches of pervasive silicification. Moderate mineralization near the top and bottom contacts with a poorly mineralized centre of the zone. From 259.84-280 there is abundant 1-10m silicate porphyroblasts grouped in bands and cause folding of foliation around them. RQD intervals 9-12m, 18-21m, 21-24m, 141-144m, 159-162m & 171-174m not included due to block errors. Data exceeds limits.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	332.00	-65.00	EZ Sho	OK		21.00	332.30	-62.80	EZ Sho	OK	
54.00	333.20	-61.90	EZ Sho	OK		102.00	334.10	-59.40	EZ Sho	OK	
150.00	335.60	-56.50	EZ Sho	OK		201.00	336.30	-52.40	EZ Sho	OK	
252.00	336.70	-48.90	EZ Sho	OK		300.00	337.50	-45.30	EZ Sho	OK	
321.00	338.60	-43.60	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	9.00	OB, Overburden									
9.00	16.40	BMS, Biotite Muscovite Schist Typical BMS, weak sr and poorly mineralized	1184227	15.00	16.40	1.40	0.69		0.50	96.00	267.00

## DETAILED LOG

Hole Number: TL11215

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
16.40	41.42	MSS, Muscovite Sericite Schist	1184228	16.40	18.00	1.60	0.07		0.50	134.00	336.00
		Strongly sr and si altered MSS Hangingwall zone, poorly mineralized	1184229	18.00	19.50	1.50	0.03		0.50	106.00	213.00
			1184231	19.50	21.00	1.50	0.03		0.50	95.00	219.00
			1184232	21.00	22.50	1.50	0.05		0.50	79.00	131.00
			1184233	22.50	24.00	1.50	0.05		0.50	97.00	373.00
			1184234	24.00	25.50	1.50	0.04		0.50	46.00	150.00
			1184235	25.50	27.00	1.50	0.02		0.50	32.00	143.00
			1184236	27.00	28.50	1.50	0.01		0.50	23.00	86.00
			1184237	28.50	30.00	1.50	0.02		0.50	20.00	92.00
			1184238	30.00	31.50	1.50	0.01		0.50	16.00	92.00
			1184239	31.50	33.00	1.50	0.03		0.50	58.00	136.00
			1184241	33.00	34.50	1.50	0.02		0.50	68.00	264.00
			1184242	34.50	36.00	1.50	0.02		0.50	24.00	55.00
			1184243	36.00	37.50	1.50	0.01		0.50	17.00	83.00
			1184244	37.50	39.00	1.50	0.02		0.50	23.00	66.00
			1184246	39.00	40.50	1.50	0.00		0.50	30.00	47.00
			1184245	39.00	40.50	1.50	0.00		0.50	31.00	50.00
	1184247	40.50	41.42	0.92	0.00		0.50	14.00	75.00		
41.42	49.86	BMS, Biotite Muscovite Schist	1184248	41.42	43.00	1.58	0.01		0.50	16.00	85.00
		Typical BMS, weak sr and poorly mineralized									
49.86	50.24	MD, Mafic Dyke									
		Dark green, black mafic dyke with sharp contacts through a qz vein									
50.24	132.47	BMS, Biotite Muscovite Schist	1184249	113.83	115.33	1.50	3.83		0.50	82.00	341.00
		Moderate to weakly sr altered BMS zone, poorly mineralized	1184251	131.00	132.47	1.47	0.02		0.50	42.00	149.00



Hole Number: TL11215

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
132.47	162.06	MSS, Muscovite Sericite Schist MSS main zone with strong sr/si alteration, common sulfide stringers with a semi-massive/condensed stringer interval from 134.50-134.65. Fault zones from 135.55-138 and 155.90-156.80.	1184252	132.47	134.00	1.53	0.05		0.50	276.00	1417.00
			1184253	134.00	135.00	1.00	0.35		42.00	14009.00	12406.00
			1184254	135.00	136.00	1.00	0.07		0.50	566.00	944.00
			1184255	136.00	137.00	1.00	0.10		0.50	365.00	1326.00
			1184256	137.00	138.00	1.00	0.06		0.50	141.00	146.00
			1184257	138.00	139.00	1.00	0.08		0.50	172.00	230.00
			1184258	139.00	140.00	1.00	0.44		0.50	771.00	1238.00
			1184259	140.00	141.00	1.00	0.06		0.50	322.00	1113.00
			1184261	141.00	142.00	1.00	0.03		0.50	60.00	200.00
			1184262	142.00	143.00	1.00	0.11		0.50	152.00	164.00
			1184263	143.00	144.00	1.00	0.04		0.50	73.00	89.00
			1184264	144.00	145.00	1.00	0.14		0.50	382.00	1402.00
			1184265	145.00	146.00	1.00	0.30		0.50	180.00	1489.00
			1184266	145.00	146.00	1.00	0.31		0.50	136.00	954.00
			1184267	146.00	147.00	1.00	0.10		0.50	51.00	114.00
			1184268	147.00	148.00	1.00	0.16		0.50	39.00	119.00
			1184269	148.00	149.00	1.00	0.05		0.50	44.00	132.00
			1184271	149.00	150.00	1.00	0.10		0.50	88.00	118.00
			1184272	150.00	151.00	1.00	0.05		0.50	74.00	80.00
			1184273	151.00	152.00	1.00	0.09		0.50	93.00	100.00
			1184274	152.00	153.00	1.00	0.08		0.50	36.00	100.00
			1184275	153.00	154.00	1.00	0.49		0.50	22.00	113.00
			1184276	154.00	155.00	1.00	0.07		0.50	28.00	104.00
			1184277	155.00	156.00	1.00	0.02		0.50	21.00	101.00
			1184278	156.00	157.00	1.00	0.03		0.50	17.00	96.00
			1184279	157.00	158.00	1.00	0.02		0.50	21.00	95.00
			1184281	158.00	159.56	1.56	0.25		0.50	32.00	228.00
1184282	159.56	160.56	1.00	4.75		11.00	2016.00	3775.00			
1184283	160.56	162.06	1.50	0.13		0.50	47.00	133.00			
162.06	182.30	BMS, Biotite Muscovite Schist BMS with strong si alteration, weak to moderate sr alteration. 3-4% diss. py but other than that poorly mineralized	1184284	162.06	163.56	1.50	0.40		0.50	48.00	163.00
			1184285	180.80	182.30	1.50	0.08		0.50	15.00	60.00
			1184286	180.80	182.30	1.50	0.05		0.50	23.00	64.00
182.30	188.93	MSS, Muscovite Sericite Schist Strong sr/si altered MSS zone. Abundant translucent deformed qz veins associated with increased sulfide mineralization. Moderately mineralized with common sulfide stringers	1184287	182.30	183.30	1.00	0.60		2.00	226.00	675.00
			1184288	183.30	184.30	1.00	0.27		0.50	32.00	112.00
			1184289	184.30	185.30	1.00	0.18		0.50	314.00	513.00
			1184291	185.30	186.30	1.00	0.54		0.50	229.00	651.00
			1184292	186.30	187.30	1.00	1.03		3.00	335.00	600.00
1184293	187.30	188.93	1.63	1.04		0.50	37.00	108.00			

## DETAILED LOG

Hole Number: TL11215

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
188.93	259.84	BMS, Biotite Muscovite Schist	1184294	188.93	190.50	1.57	0.04		0.50	20.00	136.00
		BMS with weak sr-si alteration with local strong patches, 3-4% py with rare mineralization of other sulfides	1184295	190.50	192.00	1.50	0.02		0.50	11.00	85.00
			1184296	192.00	193.50	1.50	0.02		0.50	9.00	76.00
			1184297	193.50	195.00	1.50	0.02		0.50	16.00	71.00
			1184298	195.00	196.50	1.50	0.05		0.50	25.00	90.00
			1184299	196.50	198.00	1.50	0.13		0.50	18.00	77.00
			1184301	198.00	199.50	1.50	0.04		0.50	19.00	80.00
			1184302	199.50	201.00	1.50	0.17		0.50	90.00	376.00
			1184303	201.00	202.50	1.50	0.23		0.50	28.00	79.00
			1184304	202.50	204.00	1.50	0.16		0.50	169.00	375.00
			1184305	212.30	213.30	1.00	0.37		0.50	12.00	58.00
			1184306	212.30	213.30	1.00	0.38		0.50	10.00	53.00
			1184307	213.30	214.80	1.50	0.02		0.50	14.00	78.00
			1184308	214.80	216.00	1.20	0.02		0.50	11.00	55.00
			1184309	216.00	217.50	1.50	0.08		0.50	24.00	122.00
			1184311	217.50	219.00	1.50	10.34	14.28	0.50	14.00	114.00
			1184312	219.00	220.50	1.50	0.05		0.50	24.00	89.00
			1184313	220.50	222.00	1.50	0.13		0.50	59.00	107.00
			1184314	222.00	223.50	1.50	0.03		0.50	19.00	81.00
			1184315	223.50	225.00	1.50	0.05		0.50	22.00	162.00
			1184316	225.00	226.50	1.50	0.03		0.50	21.00	217.00
			1184317	226.50	228.00	1.50	0.10		0.50	257.00	877.00
			1184318	246.00	247.50	1.50	0.03		0.50	26.00	86.00
			1184319	247.50	249.00	1.50	0.08		0.50	37.00	116.00
			1184321	253.50	255.00	1.50	2.07		0.50	253.00	248.00
			1184322	255.00	256.50	1.50	0.82		0.50	336.00	810.00
			1184323	256.50	258.00	1.50	0.21		0.50	114.00	515.00
			1184324	258.00	259.84	1.84	0.16		0.50	73.00	132.00

## DETAILED LOG

Hole Number: TL11215

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
259.84	290.93	MSS, Muscovite Sericite Schist	1184325	259.84	261.00	1.16	0.08		0.50	172.00	651.00
		MSS C-zone with strong sr alteration with patches of weak to moderate sr. Weak to strong patches of pervasive silicification.	1184326	259.84	261.00	1.16	0.40		0.50	232.00	909.00
		Moderate mineralization near the top and bottom contacts with a poorly mineralized centre of the zone.	1184327	261.00	262.00	1.00	0.57		24.00	759.00	2629.00
		From 259.84-280 there is abundant 1-10m silicate porphyroblasts grouped in bands and cause folding of foliation around them.	1184328	262.00	263.00	1.00	0.04		0.50	97.00	226.00
			1184329	263.00	264.00	1.00	1.80		1.00	167.00	2569.00
			1184331	264.00	265.00	1.00	0.12		0.50	68.00	181.00
			1184332	265.00	266.00	1.00	0.15		0.50	51.00	188.00
			1184333	266.00	267.00	1.00	0.06		0.50	29.00	123.00
			1184334	267.00	268.00	1.00	0.11		0.50	41.00	120.00
			1184335	268.00	269.00	1.00	0.26		0.50	93.00	414.00
			1184336	269.00	270.00	1.00	0.22		0.50	74.00	344.00
			1184337	270.00	271.00	1.00	0.17		0.50	307.00	1849.00
			1184338	271.00	272.00	1.00	0.07		0.50	90.00	209.00
			1184339	272.00	273.00	1.00	0.12		0.50	39.00	92.00
			1184341	273.00	274.00	1.00	0.10		0.50	35.00	104.00
			1184342	274.00	275.00	1.00	0.08		0.50	34.00	330.00
			1184343	275.00	276.00	1.00	0.89		0.50	21.00	71.00
			1184344	276.00	277.00	1.00	0.03		0.50	24.00	119.00
			1184345	277.00	278.00	1.00	0.07		0.50	20.00	130.00
			1184346	277.00	278.00	1.00	0.19		0.50	20.00	118.00
			1184347	278.00	279.00	1.00	0.06		0.50	19.00	172.00
			1184348	279.00	280.00	1.00	0.39		0.50	33.00	177.00
			1184349	280.00	281.00	1.00	0.33		0.50	98.00	323.00
			1184351	281.00	282.00	1.00	0.18		0.50	125.00	209.00
			1184352	282.00	283.00	1.00	0.24		0.50	61.00	147.00
			1184353	283.00	284.00	1.00	1.50		9.00	622.00	1731.00
			1184354	284.00	285.00	1.00	0.16		0.50	71.00	123.00
			1184355	285.00	286.00	1.00	0.41		0.50	111.00	205.00
			1184356	286.00	287.00	1.00	0.72		0.50	114.00	458.00
			1184357	287.00	288.00	1.00	0.55		0.50	168.00	308.00
			1184358	288.00	288.93	0.93	0.40		0.50	144.00	289.00
			1184359	288.93	289.93	1.00	0.10		0.50	48.00	126.00
			1184361	289.93	290.93	1.00	0.68		2.00	272.00	930.00
290.93	302.58	BMS, Biotite Muscovite Schist	1184362	290.93	292.43	1.50	0.21		0.50	28.00	82.00
		typical BMS, weakly sr, poorly mineralized	1184363	292.43	294.00	1.57	0.08		0.50	20.00	75.00
			1184364	294.00	295.50	1.50	0.04		0.50	20.00	95.00
			1184365	295.50	297.00	1.50	0.13		0.50	20.00	97.00
			1184366	295.50	297.00	1.50	0.33		0.50	20.00	90.00
			1184367	297.00	298.50	1.50	0.05		0.50	12.00	62.00
			1184368	298.50	300.00	1.50	0.11		0.50	15.00	113.00
			1184369	300.00	301.50	1.50	0.07		0.50	14.00	405.00
			1184371	301.50	302.58	1.08	0.03		0.50	34.00	75.00

# DETAILED LOG

Hole Number: TL11215

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
302.58	309.89	MSS, Muscovite Sericite Schist	1184372	302.58	303.58	1.00	0.60		0.50	216.00	369.00
		Small MSS footwall zone, strong sr/si alteration, poor to moderately mineralized.	1184373	303.58	304.58	1.00	0.59		0.50	50.00	110.00
			1184374	304.58	306.00	1.42	0.85		0.50	47.00	103.00
			1184375	306.00	307.00	1.00	0.23		0.50	24.00	78.00
			1184376	307.00	308.00	1.00	0.16		0.50	35.00	143.00
			1184377	308.00	309.00	1.00	0.18		0.50	93.00	94.00
			1184378	309.00	309.89	0.89	0.24		0.50	23.00	94.00
309.89	324.00	BMS, Biotite Muscovite Schist	1184379	309.89	311.39	1.50	0.04		0.50	9.00	79.00
		Typical BMS, weak sr alteration, poorly mineralized									

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184227	15.00	16.40	0.6910		0.5000	96.0000	267.0000
1184228	16.40	18.00	0.0650		0.5000	134.0000	336.0000
1184229	18.00	19.50	0.0310		0.5000	106.0000	213.0000
1184231	19.50	21.00	0.0270		0.5000	95.0000	219.0000
1184232	21.00	22.50	0.0470		0.5000	79.0000	131.0000
1184233	22.50	24.00	0.0490		0.5000	97.0000	373.0000
1184234	24.00	25.50	0.0400		0.5000	46.0000	150.0000
1184235	25.50	27.00	0.0180		0.5000	32.0000	143.0000
1184236	27.00	28.50	0.0120		0.5000	23.0000	86.0000
1184237	28.50	30.00	0.0210		0.5000	20.0000	92.0000
1184238	30.00	31.50	0.0090		0.5000	16.0000	92.0000
1184239	31.50	33.00	0.0310		0.5000	58.0000	136.0000
1184241	33.00	34.50	0.0200		0.5000	68.0000	264.0000
1184242	34.50	36.00	0.0160		0.5000	24.0000	55.0000
1184243	36.00	37.50	0.0080		0.5000	17.0000	83.0000
1184244	37.50	39.00	0.0190		0.5000	23.0000	66.0000
1184245	39.00	40.50	0.0020		0.5000	31.0000	50.0000
1184247	40.50	41.42	0.0030		0.5000	14.0000	75.0000
1184248	41.42	43.00	0.0080		0.5000	16.0000	85.0000
1184249	113.83	115.33	3.8290		0.5000	82.0000	341.0000
1184251	131.00	132.47	0.0160		0.5000	42.0000	149.0000
1184252	132.47	134.00	0.0470		0.5000	276.0000	1417.0000
1184253	134.00	135.00	0.3480		42.0000	14009.0000	12406.0000
1184254	135.00	136.00	0.0650		0.5000	566.0000	944.0000
1184255	136.00	137.00	0.1010		0.5000	365.0000	1326.0000
1184256	137.00	138.00	0.0620		0.5000	141.0000	146.0000
1184257	138.00	139.00	0.0820		0.5000	172.0000	230.0000

Hole Number: TL11215

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184258	139.00	140.00	0.4420		0.5000	771.0000	1238.0000
1184259	140.00	141.00	0.0590		0.5000	322.0000	1113.0000
1184261	141.00	142.00	0.0280		0.5000	60.0000	200.0000
1184262	142.00	143.00	0.1120		0.5000	152.0000	164.0000
1184263	143.00	144.00	0.0390		0.5000	73.0000	89.0000
1184264	144.00	145.00	0.1360		0.5000	382.0000	1402.0000
1184265	145.00	146.00	0.3030		0.5000	180.0000	1489.0000
1184267	146.00	147.00	0.0980		0.5000	51.0000	114.0000
1184268	147.00	148.00	0.1580		0.5000	39.0000	119.0000
1184269	148.00	149.00	0.0480		0.5000	44.0000	132.0000
1184271	149.00	150.00	0.1020		0.5000	88.0000	118.0000
1184272	150.00	151.00	0.0520		0.5000	74.0000	80.0000
1184273	151.00	152.00	0.0890		0.5000	93.0000	100.0000
1184274	152.00	153.00	0.0790		0.5000	36.0000	100.0000
1184275	153.00	154.00	0.4940		0.5000	22.0000	113.0000
1184276	154.00	155.00	0.0730		0.5000	28.0000	104.0000
1184277	155.00	156.00	0.0160		0.5000	21.0000	101.0000
1184278	156.00	157.00	0.0270		0.5000	17.0000	96.0000
1184279	157.00	158.00	0.0190		0.5000	21.0000	95.0000
1184281	158.00	159.56	0.2450		0.5000	32.0000	228.0000
1184282	159.56	160.56	4.7480		11.0000	2016.0000	3775.0000
1184283	160.56	162.06	0.1330		0.5000	47.0000	133.0000
1184284	162.06	163.56	0.4010		0.5000	48.0000	163.0000
1184285	180.80	182.30	0.0820		0.5000	15.0000	60.0000
1184287	182.30	183.30	0.5970		2.0000	226.0000	675.0000
1184288	183.30	184.30	0.2700		0.5000	32.0000	112.0000
1184289	184.30	185.30	0.1750		0.5000	314.0000	513.0000
1184291	185.30	186.30	0.5360		0.5000	229.0000	651.0000
1184292	186.30	187.30	1.0300		3.0000	335.0000	600.0000
1184293	187.30	188.93	1.0370		0.5000	37.0000	108.0000
1184294	188.93	190.50	0.0410		0.5000	20.0000	136.0000
1184295	190.50	192.00	0.0190		0.5000	11.0000	85.0000
1184296	192.00	193.50	0.0170		0.5000	9.0000	76.0000
1184297	193.50	195.00	0.0150		0.5000	16.0000	71.0000
1184298	195.00	196.50	0.0460		0.5000	25.0000	90.0000
1184299	196.50	198.00	0.1250		0.5000	18.0000	77.0000
1184301	198.00	199.50	0.0360		0.5000	19.0000	80.0000
1184302	199.50	201.00	0.1730		0.5000	90.0000	376.0000
1184303	201.00	202.50	0.2310		0.5000	28.0000	79.0000

Hole Number: TL11215

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184304	202.50	204.00	0.1560		0.5000	169.0000	375.0000
1184305	212.30	213.30	0.3710		0.5000	12.0000	58.0000
1184307	213.30	214.80	0.0160		0.5000	14.0000	78.0000
1184308	214.80	216.00	0.0210		0.5000	11.0000	55.0000
1184309	216.00	217.50	0.0800		0.5000	24.0000	122.0000
1184311	217.50	219.00	10.3410	14.2800	0.5000	14.0000	114.0000
1184312	219.00	220.50	0.0450		0.5000	24.0000	89.0000
1184313	220.50	222.00	0.1290		0.5000	59.0000	107.0000
1184314	222.00	223.50	0.0290		0.5000	19.0000	81.0000
1184315	223.50	225.00	0.0510		0.5000	22.0000	162.0000
1184316	225.00	226.50	0.0290		0.5000	21.0000	217.0000
1184317	226.50	228.00	0.0950		0.5000	257.0000	877.0000
1184318	246.00	247.50	0.0290		0.5000	26.0000	86.0000
1184319	247.50	249.00	0.0750		0.5000	37.0000	116.0000
1184321	253.50	255.00	2.0650		0.5000	253.0000	248.0000
1184322	255.00	256.50	0.8200		0.5000	336.0000	810.0000
1184323	256.50	258.00	0.2060		0.5000	114.0000	515.0000
1184324	258.00	259.84	0.1590		0.5000	73.0000	132.0000
1184325	259.84	261.00	0.0770		0.5000	172.0000	651.0000
1184327	261.00	262.00	0.5710		24.0000	759.0000	2629.0000
1184328	262.00	263.00	0.0430		0.5000	97.0000	226.0000
1184329	263.00	264.00	1.7980		1.0000	167.0000	2569.0000
1184331	264.00	265.00	0.1190		0.5000	68.0000	181.0000
1184332	265.00	266.00	0.1520		0.5000	51.0000	188.0000
1184333	266.00	267.00	0.0610		0.5000	29.0000	123.0000
1184334	267.00	268.00	0.1130		0.5000	41.0000	120.0000
1184335	268.00	269.00	0.2590		0.5000	93.0000	414.0000
1184336	269.00	270.00	0.2240		0.5000	74.0000	344.0000
1184337	270.00	271.00	0.1720		0.5000	307.0000	1849.0000
1184338	271.00	272.00	0.0690		0.5000	90.0000	209.0000
1184339	272.00	273.00	0.1170		0.5000	39.0000	92.0000
1184341	273.00	274.00	0.0990		0.5000	35.0000	104.0000
1184342	274.00	275.00	0.0770		0.5000	34.0000	330.0000
1184343	275.00	276.00	0.8900		0.5000	21.0000	71.0000
1184344	276.00	277.00	0.0280		0.5000	24.0000	119.0000
1184345	277.00	278.00	0.0660		0.5000	20.0000	130.0000
1184347	278.00	279.00	0.0550		0.5000	19.0000	172.0000
1184348	279.00	280.00	0.3930		0.5000	33.0000	177.0000
1184349	280.00	281.00	0.3340		0.5000	98.0000	323.0000

Hole Number: TL11215

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184351	281.00	282.00	0.1800		0.5000	125.0000	209.0000
1184352	282.00	283.00	0.2420		0.5000	61.0000	147.0000
1184353	283.00	284.00	1.4960		9.0000	622.0000	1731.0000
1184354	284.00	285.00	0.1600		0.5000	71.0000	123.0000
1184355	285.00	286.00	0.4120		0.5000	111.0000	205.0000
1184356	286.00	287.00	0.7190		0.5000	114.0000	458.0000
1184357	287.00	288.00	0.5490		0.5000	168.0000	308.0000
1184358	288.00	288.93	0.3990		0.5000	144.0000	289.0000
1184359	288.93	289.93	0.0960		0.5000	48.0000	126.0000
1184361	289.93	290.93	0.6830		2.0000	272.0000	930.0000
1184362	290.93	292.43	0.2060		0.5000	28.0000	82.0000
1184363	292.43	294.00	0.0780		0.5000	20.0000	75.0000
1184364	294.00	295.50	0.0410		0.5000	20.0000	95.0000
1184365	295.50	297.00	0.1320		0.5000	20.0000	97.0000
1184367	297.00	298.50	0.0540		0.5000	12.0000	62.0000
1184368	298.50	300.00	0.1130		0.5000	15.0000	113.0000
1184369	300.00	301.50	0.0660		0.5000	14.0000	405.0000
1184371	301.50	302.58	0.0280		0.5000	34.0000	75.0000
1184372	302.58	303.58	0.6030		0.5000	216.0000	369.0000
1184373	303.58	304.58	0.5890		0.5000	50.0000	110.0000
1184374	304.58	306.00	0.8480		0.5000	47.0000	103.0000
1184375	306.00	307.00	0.2330		0.5000	24.0000	78.0000
1184376	307.00	308.00	0.1570		0.5000	35.0000	143.0000
1184377	308.00	309.00	0.1750		0.5000	93.0000	94.0000
1184378	309.00	309.89	0.2430		0.5000	23.0000	94.0000
1184379	309.89	311.39	0.0430		0.5000	9.0000	79.0000
Sample Type	CDUP						
1184246	39.00	40.50	0.0040		0.5000	30.0000	47.0000
1184266	145.00	146.00	0.3060		0.5000	136.0000	954.0000
1184286	180.80	182.30	0.0510		0.5000	23.0000	64.0000
1184306	212.30	213.30	0.3800		0.5000	10.0000	53.0000
1184326	259.84	261.00	0.4020		0.5000	232.0000	909.0000
1184346	277.00	278.00	0.1920		0.5000	20.0000	118.0000
1184366	295.50	297.00	0.3300		0.5000	20.0000	90.0000

# DETAILED LOG

Hole Number: TL11216

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -64.00
Project Number: TMI-TL	North: 5511685.14	North:	Collar Az: 320.00
Location: Zealand Township	East: 527849.95	East:	Length: 466.00
	Elev: 393.43	Elev:	Start Depth: 0.00
Date Started: Aug 22, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Aug 25, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 466.00

Comments: MAIN ZONE: 307.45 - 343.32m  
 C ZONE: 433.60 - 437.03m  
 Highly variable alteration and mineralization throughout hole.  
 RQD intervals 45-48m, 87-90m, 90-93m, 93-96m & 108-111m not included due to block errors. Data exceeds limits.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	320.00	-64.00	EZ Sho	OK		15.00	321.10	-63.20	EZ Sho	OK	
51.00	324.20	-62.10	EZ Sho	OK		111.00	326.60	-60.10	EZ Sho	OK	
153.00	328.80	-57.00	EZ Sho	OK		201.00	329.60	-54.00	EZ Sho	OK	
252.00	332.90	-50.50	EZ Sho	OK		306.00	332.80	-46.30	EZ Sho	OK	
357.00	332.20	-46.30	EZ Sho	OK		408.00	336.30	-39.90	EZ Sho	OK	
450.00	337.00	-36.60	EZ Sho	OK		465.00	338.60	-35.20	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	6.00	CAS, Casing									
6.00	190.96	BMS, Biotite Muscovite Schist	1079809	189.46	190.96	1.50	0.04		0.50	12.00	134.00
190.96	203.95	MSS, Muscovite Sericite Schist	1079811	190.96	191.96	1.00	0.10		4.00	322.00	400.00
			1079812	191.96	192.96	1.00	0.06		1.00	34.00	186.00
			1079813	192.96	193.96	1.00	0.10		1.00	76.00	411.00
			1079814	193.96	194.96	1.00	0.02		0.50	59.00	169.00
			1079815	194.96	195.96	1.00	0.09		0.50	84.00	342.00
			1079816	194.96	195.96	1.00	0.05		0.50	86.00	634.00
			1079817	195.96	196.96	1.00	0.08		1.00	362.00	599.00
			1079818	196.96	197.96	1.00	0.48		1.00	452.00	382.00
			1079819	197.96	198.96	1.00	0.32		2.00	839.00	1572.00
			1079821	198.96	199.96	1.00	0.14		1.00	515.00	1219.00
			1079822	199.96	200.96	1.00	0.04		0.50	83.00	261.00
			1079823	200.96	201.96	1.00	0.03		0.50	50.00	165.00
			1079824	201.96	202.96	1.00	0.02		0.50	29.00	212.00
			1079825	202.96	203.95	0.99	0.02		1.00	123.00	265.00



## DETAILED LOG

Hole Number: TL11216

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
203.95	208.34	BMS, Biotite Muscovite Schist	1079826	203.95	205.45	1.50	0.02		0.50	38.00	209.00
			1079827	205.45	206.95	1.50	0.03		1.00	41.00	167.00
			1079828	206.95	208.34	1.39	0.03		1.00	50.00	172.00
208.34	218.81	MSS, Muscovite Sericite Schist	1079829	208.34	209.34	1.00	0.01		0.50	40.00	146.00
			1079831	209.34	210.34	1.00	0.02		2.00	127.00	462.00
			1079832	210.34	211.34	1.00	0.01		0.50	37.00	103.00
			1079833	211.34	212.34	1.00	0.01		0.50	37.00	103.00
			1079834	212.34	213.34	1.00	0.07		6.00	598.00	1092.00
			1079835	213.34	214.34	1.00	0.02		1.00	30.00	198.00
			1079836	213.34	214.34	1.00	0.02		1.00	24.00	138.00
			1079837	214.34	215.34	1.00	0.03		5.00	59.00	399.00
			1079838	215.34	216.34	1.00	0.11		6.00	100.00	483.00
			1079839	216.34	217.34	1.00	0.04		4.00	41.00	171.00
218.81	223.80	BMS, Biotite Muscovite Schist	1079841	217.34	218.81	1.47	0.02		2.00	18.00	125.00
			1079842	218.81	220.31	1.50	0.01		0.50	11.00	101.00
			1079843	220.31	221.81	1.50	0.01		0.50	12.00	114.00
223.80	228.68	MSS, Muscovite Sericite Schist	1079844	221.81	223.80	1.99	0.01		0.50	61.00	192.00
			1079845	223.80	224.80	1.00	0.03		0.50	99.00	185.00
			1079846	224.80	225.80	1.00	0.03		0.50	114.00	302.00
			1079847	225.80	226.80	1.00	0.03		0.50	72.00	245.00
			1079848	226.80	227.80	1.00	0.02		0.50	31.00	131.00
228.68	255.29	BMS, Biotite Muscovite Schist	1079849	227.80	228.68	0.88	0.02		0.50	35.00	116.00
			1079851	228.68	230.18	1.50	0.03		0.50	43.00	142.00
			1079852	253.79	255.29	1.50	0.01		0.50	20.00	110.00

## DETAILED LOG

Hole Number: TL11216

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
255.29	282.52	MSS, Muscovite Sericite Schist	1079853	255.29	256.29	1.00	0.00		0.50	55.00	163.00
			1079854	256.29	257.29	1.00	0.02		0.50	25.00	126.00
			1079855	257.29	258.29	1.00	0.01		0.50	22.00	128.00
			1079856	257.29	258.29	1.00	0.01		0.50	20.00	116.00
			1079857	258.29	259.29	1.00	0.01		0.50	29.00	124.00
			1079858	259.29	260.48	1.19	0.06		0.50	37.00	165.00
			1079859	260.48	261.48	1.00	7.08	7.37	30.00	785.00	22433.00
			1079861	261.48	262.58	1.10	0.27		1.00	50.00	3258.00
			1079862	262.58	263.58	1.00	0.21		5.00	985.00	2182.00
			1079863	263.58	264.58	1.00	0.02		0.50	71.00	218.00
			1079864	264.58	265.58	1.00	0.11		0.50	28.00	150.00
			1079865	265.58	266.58	1.00	0.02		0.50	34.00	173.00
			1079866	266.58	267.58	1.00	0.03		0.50	111.00	220.00
			1079867	267.58	268.58	1.00	0.76		5.00	998.00	544.00
			1079868	268.58	269.58	1.00	0.02		0.50	81.00	216.00
			1079869	269.58	270.58	1.00	0.01		0.50	88.00	188.00
			1079871	270.58	271.58	1.00	0.01		2.00	217.00	237.00
			1079872	271.58	272.58	1.00	0.02		0.50	73.00	241.00
			1079873	272.58	273.58	1.00	0.02		0.50	194.00	385.00
			1079874	273.58	274.58	1.00	0.06		0.50	64.00	511.00
			1079875	274.58	275.58	1.00	0.01		0.50	161.00	417.00
			1079876	274.58	275.58	1.00	0.12		0.50	204.00	454.00
			1079877	275.58	276.58	1.00	0.00		0.50	56.00	183.00
			1079878	276.58	277.58	1.00	0.02		0.50	37.00	114.00
			1079879	277.58	278.58	1.00	0.01		0.50	74.00	158.00
			1079881	278.58	279.58	1.00	0.13		1.00	501.00	1168.00
1079882	279.58	280.58	1.00	0.21		1.00	585.00	715.00			
1079883	280.58	281.58	1.00	0.07		0.50	43.00	118.00			
1079884	281.58	282.52	0.94	0.04		0.50	22.00	85.00			
282.52	286.66	BMS, Biotite Muscovite Schist	1079885	282.52	284.02	1.50	0.02		2.00	32.00	509.00
			1079886	284.02	285.52	1.50	0.06		0.50	17.00	170.00
			1079887	285.52	286.66	1.14	0.02		0.50	49.00	600.00
286.66	295.25	MSS, Muscovite Sericite Schist	1079888	286.66	287.66	1.00	0.05		0.50	37.00	230.00
			1079889	287.66	288.66	1.00	0.32		0.50	195.00	228.00
			1079891	288.66	289.66	1.00	0.03		0.50	24.00	118.00
			1079892	289.66	290.66	1.00	0.09		0.50	23.00	128.00
			1079893	290.66	291.66	1.00	0.06		0.50	13.00	377.00
			1079894	291.66	292.66	1.00	0.20		0.50	9.00	139.00
			1079895	292.66	293.66	1.00	0.03		0.50	17.00	118.00
			1079896	292.66	293.66	1.00	0.02		0.50	20.00	110.00
			1079897	293.66	294.66	1.00	0.01		0.50	26.00	514.00
			1079898	294.66	295.25	0.59	0.02		0.50	31.00	161.00

# DETAILED LOG

Hole Number: TL11216

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
295.25	307.45	BMS, Biotite Muscovite Schist	1079899	295.25	296.75	1.50	0.01		0.50	37.00	172.00
			1079901	305.95	307.45	1.50	0.05		0.50	23.00	122.00
307.45	343.32	MSS, Muscovite Sericite Schist MAIN ZONE MSS	1079902	307.45	308.45	1.00	0.09		0.50	132.00	495.00
			1079903	308.45	309.45	1.00	0.24		5.00	1381.00	1347.00
			1079904	309.45	310.45	1.00	0.11		0.50	170.00	266.00
			1079905	310.45	311.45	1.00	0.41		0.50	68.00	172.00
			1079906	311.45	312.45	1.00	2.08		9.00	7332.00	11640.00
			1079907	312.45	313.45	1.00	0.25		2.00	565.00	497.00
			1079908	313.45	314.45	1.00	0.23		1.00	741.00	739.00
			1079909	314.45	315.45	1.00	0.15		0.50	148.00	187.00
			1079911	315.45	316.45	1.00	0.44		2.00	637.00	1230.00
			1079912	316.45	317.45	1.00	0.34		2.00	410.00	939.00
			1079913	317.45	318.45	1.00	0.32		1.00	162.00	420.00
			1079914	318.45	319.45	1.00	1.29		4.00	451.00	704.00
			1079915	319.45	320.45	1.00	0.11		0.50	105.00	167.00
			1079916	319.45	320.45	1.00	0.07		0.50	101.00	181.00
			1079917	320.45	321.45	1.00	0.37		2.00	290.00	332.00
			1079918	321.45	322.45	1.00	1.48		1.00	143.00	276.00
			1079919	322.45	323.45	1.00	5.26		2.00	144.00	416.00
			1079921	323.45	324.45	1.00	1.00		2.00	154.00	253.00
			1079922	324.45	325.45	1.00	0.08		1.00	42.00	143.00
			1079923	325.45	326.45	1.00	1.42		1.00	81.00	629.00
			1079924	326.45	327.45	1.00	1.30		1.00	60.00	160.00
			1079925	327.45	330.00	2.55	1.34		2.00	52.00	132.00
			1079926	330.00	331.00	1.00	0.69		3.00	83.00	201.00
			1079927	331.00	332.00	1.00	0.23		2.00	44.00	172.00
			1079928	332.00	333.00	1.00	0.12		1.00	35.00	143.00
			1079929	333.00	334.00	1.00	0.18		1.00	33.00	163.00
			1079931	334.00	335.00	1.00	0.32		3.00	205.00	230.00
			1079932	335.00	336.00	1.00	0.34		2.00	50.00	170.00
			1079933	336.00	337.00	1.00	7.52	5.25	3.00	141.00	338.00
			1079934	337.00	338.00	1.00	0.85		2.00	80.00	170.00
			1079935	338.00	339.00	1.00	0.21		2.00	42.00	253.00
			1079936	338.00	339.00	1.00	2.20		1.00	32.00	138.00
			1079937	339.00	340.00	1.00	0.06		0.50	26.00	114.00
		1079938	340.00	341.00	1.00	1.49		0.50	20.00	119.00	
		1079939	341.00	342.00	1.00	1.15		14.00	1464.00	2626.00	
		1079941	342.00	343.32	1.32	0.21		0.50	72.00	145.00	
343.32	367.86	BMS, Biotite Muscovite Schist	1079942	343.32	344.82	1.50	0.05		0.50	28.00	112.00
			1079943	366.36	367.86	1.50	0.01		0.50	24.00	92.00

## DETAILED LOG

Hole Number: TL11216

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
367.86	372.17	MSS, Muscovite Sericite Schist	1079944	367.86	368.86	1.00	0.07		0.50	25.00	123.00
			1079945	368.86	369.86	1.00	0.06		1.00	28.00	254.00
			1079946	369.86	370.86	1.00	0.07		1.00	33.00	155.00
			1079947	370.86	372.17	1.31	0.17		4.00	125.00	597.00
372.17	377.47	BMS, Biotite Muscovite Schist	1079948	372.17	373.67	1.50	0.03		0.50	36.00	146.00
			1079949	373.67	375.17	1.50	0.11		0.50	21.00	111.00
			1079951	375.17	375.97	0.80	0.06		0.50	33.00	130.00
			1079952	375.97	377.47	1.50	0.10		0.50	25.00	138.00
377.47	381.43	MSS, Muscovite Sericite Schist	1079953	377.47	378.47	1.00	0.01		0.50	33.00	217.00
			1079954	378.47	379.47	1.00	0.01		0.50	24.00	114.00
			1079955	379.47	380.47	1.00	0.02		0.50	131.00	498.00
			1079956	379.47	380.47	1.00	0.03		0.50	117.00	572.00
			1079957	380.47	381.43	0.96	0.09		10.00	3438.00	7032.00
381.43	390.46	BMS, Biotite Muscovite Schist	1079958	381.43	382.93	1.50	0.05		0.50	129.00	273.00
			1079959	388.96	390.46	1.50	0.02		0.50	37.00	163.00
390.46	397.14	MSS, Muscovite Sericite Schist	1079961	390.46	391.46	1.00	0.04		0.50	86.00	253.00
			1079962	391.46	392.46	1.00	0.07		1.00	81.00	295.00
			1079963	392.46	393.46	1.00	0.13		2.00	209.00	838.00
			1079964	393.46	394.46	1.00	0.08		2.00	89.00	266.00
			1079965	394.46	395.46	1.00	0.00		0.50	55.00	112.00
			1079966	395.46	396.46	1.00	0.04		6.00	1165.00	2710.00
			1079967	396.46	397.14	0.68	0.17		0.50	65.00	167.00
397.14	410.51	BMS, Biotite Muscovite Schist	1079968	397.14	398.64	1.50	0.10		1.00	45.00	202.00
			1079969	398.64	400.14	1.50	0.44		3.00	211.00	1596.00
			1079971	409.01	410.51	1.50	1.44		2.00	44.00	147.00
410.51	421.77	MSS, Muscovite Sericite Schist	1079972	410.51	411.51	1.00	0.39		2.00	123.00	206.00
			1079973	411.51	412.51	1.00	1.10		8.00	330.00	1162.00
			1079974	412.51	413.51	1.00	2.48		5.00	382.00	281.00
			1079975	413.51	414.51	1.00	0.21		2.00	122.00	198.00
			1079976	413.51	414.51	1.00	0.18		2.00	101.00	180.00
			1079977	414.51	415.51	1.00	0.49		1.00	83.00	222.00
			1079978	415.51	416.51	1.00	1.27		17.00	2154.00	3222.00
			1079979	416.51	417.51	1.00	0.29		2.00	175.00	383.00
			1079981	417.51	418.51	1.00	0.17		1.00	65.00	191.00
			1079982	418.51	419.51	1.00	0.11		1.00	76.00	617.00
			1079983	419.51	420.51	1.00	0.27		0.50	96.00	573.00
			1079984	420.51	421.77	1.26	0.03		0.50	22.00	126.00

DETAILED LOG

Hole Number: TL11216

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
421.77	433.60	BMS, Biotite Muscovite Schist	1079985	421.77	423.27	1.50	0.55		1.00	35.00	184.00
			1079986	423.27	424.77	1.50	0.20		0.50	25.00	87.00
			1079987	424.77	426.27	1.50	0.08		2.00	25.00	196.00
			1079988	426.27	427.60	1.33	0.06		2.00	35.00	151.00
			1079989	427.60	429.10	1.50	0.62		2.00	48.00	162.00
			1079991	429.10	430.60	1.50	0.11		7.00	791.00	791.00
			1079992	430.60	432.10	1.50	0.18		2.00	170.00	518.00
			1079993	432.10	433.60	1.50	0.04		1.00	60.00	193.00
433.60	437.03	MSS, Muscovite Sericite Schist	1079994	433.60	434.60	1.00	0.17		2.00	74.00	311.00
			1079995	434.60	435.60	1.00	1.07		2.00	72.00	327.00
			1079996	434.60	435.60	1.00	0.37		3.00	76.00	491.00
			1079997	435.60	437.03	1.43	0.55		0.50	49.00	187.00
437.03	457.02	BMS, Biotite Muscovite Schist	1079998	437.03	438.53	1.50	0.02		0.50	35.00	133.00
			1079999	449.52	451.02	1.50	0.12		0.50	86.00	187.00
			1226001	451.02	452.52	1.50	0.12		0.50	182.00	864.00
			1226002	452.52	454.02	1.50	0.02		0.50	24.00	130.00
			1226003	454.02	455.52	1.50	0.03		0.50	11.00	97.00
			1226004	455.52	457.02	1.50	0.07		0.50	27.00	107.00
457.02	460.05	MSS, Muscovite Sericite Schist	1226005	457.02	458.02	1.00	0.14		1.00	71.00	698.00
			1226006	458.02	459.02	1.00	0.04		0.50	25.00	164.00
			1226007	459.02	460.05	1.03	0.09		0.50	130.00	316.00
460.05	466.00	BMS, Biotite Muscovite Schist	1226008	460.05	461.55	1.50	0.01		0.50	17.00	118.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079809	189.46	190.96	0.0430		0.5000	12.0000	134.0000
1079811	190.96	191.96	0.0950		4.0000	322.0000	400.0000
1079812	191.96	192.96	0.0570		1.0000	34.0000	186.0000
1079813	192.96	193.96	0.1000		1.0000	76.0000	411.0000
1079814	193.96	194.96	0.0220		0.5000	59.0000	169.0000
1079815	194.96	195.96	0.0880		0.5000	84.0000	342.0000
1079817	195.96	196.96	0.0760		1.0000	362.0000	599.0000
1079818	196.96	197.96	0.4760		1.0000	452.0000	382.0000
1079819	197.96	198.96	0.3170		2.0000	839.0000	1572.0000
1079821	198.96	199.96	0.1400		1.0000	515.0000	1219.0000
1079822	199.96	200.96	0.0370		0.5000	83.0000	261.0000
1079823	200.96	201.96	0.0330		0.5000	50.0000	165.0000
1079824	201.96	202.96	0.0150		0.5000	29.0000	212.0000
1079825	202.96	203.95	0.0150		1.0000	123.0000	265.0000
1079826	203.95	205.45	0.0200		0.5000	38.0000	209.0000

Hole Number: TL11216

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079827	205.45	206.95	0.0340		1.0000	41.0000	167.0000
1079828	206.95	208.34	0.0260		1.0000	50.0000	172.0000
1079829	208.34	209.34	0.0050		0.5000	40.0000	146.0000
1079831	209.34	210.34	0.0220		2.0000	127.0000	462.0000
1079832	210.34	211.34	0.0060		0.5000	37.0000	103.0000
1079833	211.34	212.34	0.0100		0.5000	37.0000	103.0000
1079834	212.34	213.34	0.0690		6.0000	598.0000	1092.0000
1079835	213.34	214.34	0.0170		1.0000	30.0000	198.0000
1079837	214.34	215.34	0.0330		5.0000	59.0000	399.0000
1079838	215.34	216.34	0.1060		6.0000	100.0000	483.0000
1079839	216.34	217.34	0.0350		4.0000	41.0000	171.0000
1079841	217.34	218.81	0.0160		2.0000	18.0000	125.0000
1079842	218.81	220.31	0.0090		0.5000	11.0000	101.0000
1079843	220.31	221.81	0.0130		0.5000	12.0000	114.0000
1079844	221.81	223.80	0.0140		0.5000	61.0000	192.0000
1079845	223.80	224.80	0.0290		0.5000	99.0000	185.0000
1079846	224.80	225.80	0.0330		0.5000	114.0000	302.0000
1079847	225.80	226.80	0.0320		0.5000	72.0000	245.0000
1079848	226.80	227.80	0.0200		0.5000	31.0000	131.0000
1079849	227.80	228.68	0.0210		0.5000	35.0000	116.0000
1079851	228.68	230.18	0.0300		0.5000	43.0000	142.0000
1079852	253.79	255.29	0.0060		0.5000	20.0000	110.0000
1079853	255.29	256.29	0.0040		0.5000	55.0000	163.0000
1079854	256.29	257.29	0.0160		0.5000	25.0000	126.0000
1079855	257.29	258.29	0.0100		0.5000	22.0000	128.0000
1079857	258.29	259.29	0.0100		0.5000	29.0000	124.0000
1079858	259.29	260.48	0.0590		0.5000	37.0000	165.0000
1079859	260.48	261.48	7.0820	7.3660	30.0000	785.0000	22433.0000
1079861	261.48	262.58	0.2710		1.0000	50.0000	3258.0000
1079862	262.58	263.58	0.2070		5.0000	985.0000	2182.0000
1079863	263.58	264.58	0.0220		0.5000	71.0000	218.0000
1079864	264.58	265.58	0.1060		0.5000	28.0000	150.0000
1079865	265.58	266.58	0.0160		0.5000	34.0000	173.0000
1079866	266.58	267.58	0.0330		0.5000	111.0000	220.0000
1079867	267.58	268.58	0.7590		5.0000	998.0000	544.0000
1079868	268.58	269.58	0.0190		0.5000	81.0000	216.0000
1079869	269.58	270.58	0.0090		0.5000	88.0000	188.0000
1079871	270.58	271.58	0.0100		2.0000	217.0000	237.0000
1079872	271.58	272.58	0.0190		0.5000	73.0000	241.0000

Hole Number: TL11216

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079873	272.58	273.58	0.0170		0.5000	194.0000	385.0000
1079874	273.58	274.58	0.0610		0.5000	64.0000	511.0000
1079875	274.58	275.58	0.0070		0.5000	161.0000	417.0000
1079877	275.58	276.58	0.0020		0.5000	56.0000	183.0000
1079878	276.58	277.58	0.0170		0.5000	37.0000	114.0000
1079879	277.58	278.58	0.0060		0.5000	74.0000	158.0000
1079881	278.58	279.58	0.1250		1.0000	501.0000	1168.0000
1079882	279.58	280.58	0.2120		1.0000	585.0000	715.0000
1079883	280.58	281.58	0.0740		0.5000	43.0000	118.0000
1079884	281.58	282.52	0.0430		0.5000	22.0000	85.0000
1079885	282.52	284.02	0.0180		2.0000	32.0000	509.0000
1079886	284.02	285.52	0.0580		0.5000	17.0000	170.0000
1079887	285.52	286.66	0.0210		0.5000	49.0000	600.0000
1079888	286.66	287.66	0.0530		0.5000	37.0000	230.0000
1079889	287.66	288.66	0.3240		0.5000	195.0000	228.0000
1079891	288.66	289.66	0.0330		0.5000	24.0000	118.0000
1079892	289.66	290.66	0.0930		0.5000	23.0000	128.0000
1079893	290.66	291.66	0.0580		0.5000	13.0000	377.0000
1079894	291.66	292.66	0.1990		0.5000	9.0000	139.0000
1079895	292.66	293.66	0.0300		0.5000	17.0000	118.0000
1079897	293.66	294.66	0.0080		0.5000	26.0000	514.0000
1079898	294.66	295.25	0.0210		0.5000	31.0000	161.0000
1079899	295.25	296.75	0.0110		0.5000	37.0000	172.0000
1079901	305.95	307.45	0.0480		0.5000	23.0000	122.0000
1079902	307.45	308.45	0.0850		0.5000	132.0000	495.0000
1079903	308.45	309.45	0.2420		5.0000	1381.0000	1347.0000
1079904	309.45	310.45	0.1080		0.5000	170.0000	266.0000
1079905	310.45	311.45	0.4070		0.5000	68.0000	172.0000
1079906	311.45	312.45	2.0780		9.0000	7332.0000	11640.0000
1079907	312.45	313.45	0.2460		2.0000	565.0000	497.0000
1079908	313.45	314.45	0.2260		1.0000	741.0000	739.0000
1079909	314.45	315.45	0.1500		0.5000	148.0000	187.0000
1079911	315.45	316.45	0.4410		2.0000	637.0000	1230.0000
1079912	316.45	317.45	0.3400		2.0000	410.0000	939.0000
1079913	317.45	318.45	0.3180		1.0000	162.0000	420.0000
1079914	318.45	319.45	1.2940		4.0000	451.0000	704.0000
1079915	319.45	320.45	0.1120		0.5000	105.0000	167.0000
1079917	320.45	321.45	0.3670		2.0000	290.0000	332.0000
1079918	321.45	322.45	1.4830		1.0000	143.0000	276.0000

Hole Number: TL11216

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079919	322.45	323.45	5.2640		2.0000	144.0000	416.0000
1079921	323.45	324.45	1.0010		2.0000	154.0000	253.0000
1079922	324.45	325.45	0.0770		1.0000	42.0000	143.0000
1079923	325.45	326.45	1.4210		1.0000	81.0000	629.0000
1079924	326.45	327.45	1.2950		1.0000	60.0000	160.0000
1079925	327.45	330.00	1.3380		2.0000	52.0000	132.0000
1079926	330.00	331.00	0.6920		3.0000	83.0000	201.0000
1079927	331.00	332.00	0.2320		2.0000	44.0000	172.0000
1079928	332.00	333.00	0.1240		1.0000	35.0000	143.0000
1079929	333.00	334.00	0.1810		1.0000	33.0000	163.0000
1079931	334.00	335.00	0.3170		3.0000	205.0000	230.0000
1079932	335.00	336.00	0.3410		2.0000	50.0000	170.0000
1079933	336.00	337.00	7.5200	5.2540	3.0000	141.0000	338.0000
1079934	337.00	338.00	0.8460		2.0000	80.0000	170.0000
1079935	338.00	339.00	0.2110		2.0000	42.0000	253.0000
1079937	339.00	340.00	0.0580		0.5000	26.0000	114.0000
1079938	340.00	341.00	1.4870		0.5000	20.0000	119.0000
1079939	341.00	342.00	1.1450		14.0000	1464.0000	2626.0000
1079941	342.00	343.32	0.2140		0.5000	72.0000	145.0000
1079942	343.32	344.82	0.0480		0.5000	28.0000	112.0000
1079943	366.36	367.86	0.0110		0.5000	24.0000	92.0000
1079944	367.86	368.86	0.0740		0.5000	25.0000	123.0000
1079945	368.86	369.86	0.0590		1.0000	28.0000	254.0000
1079946	369.86	370.86	0.0680		1.0000	33.0000	155.0000
1079947	370.86	372.17	0.1740		4.0000	125.0000	597.0000
1079948	372.17	373.67	0.0340		0.5000	36.0000	146.0000
1079949	373.67	375.17	0.1100		0.5000	21.0000	111.0000
1079951	375.17	375.97	0.0600		0.5000	33.0000	130.0000
1079952	375.97	377.47	0.0990		0.5000	25.0000	138.0000
1079953	377.47	378.47	0.0140		0.5000	33.0000	217.0000
1079954	378.47	379.47	0.0070		0.5000	24.0000	114.0000
1079955	379.47	380.47	0.0190		0.5000	131.0000	498.0000
1079957	380.47	381.43	0.0860		10.0000	3438.0000	7032.0000
1079958	381.43	382.93	0.0540		0.5000	129.0000	273.0000
1079959	388.96	390.46	0.0230		0.5000	37.0000	163.0000
1079961	390.46	391.46	0.0380		0.5000	86.0000	253.0000
1079962	391.46	392.46	0.0690		1.0000	81.0000	295.0000
1079963	392.46	393.46	0.1310		2.0000	209.0000	838.0000
1079964	393.46	394.46	0.0750		2.0000	89.0000	266.0000



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Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079965	394.46	395.46	0.0005		0.5000	55.0000	112.0000
1079966	395.46	396.46	0.0390		6.0000	1165.0000	2710.0000
1079967	396.46	397.14	0.1740		0.5000	65.0000	167.0000
1079968	397.14	398.64	0.0950		1.0000	45.0000	202.0000
1079969	398.64	400.14	0.4380		3.0000	211.0000	1596.0000
1079971	409.01	410.51	1.4360		2.0000	44.0000	147.0000
1079972	410.51	411.51	0.3940		2.0000	123.0000	206.0000
1079973	411.51	412.51	1.1000		8.0000	330.0000	1162.0000
1079974	412.51	413.51	2.4800		5.0000	382.0000	281.0000
1079975	413.51	414.51	0.2070		2.0000	122.0000	198.0000
1079977	414.51	415.51	0.4940		1.0000	83.0000	222.0000
1079978	415.51	416.51	1.2700		17.0000	2154.0000	3222.0000
1079979	416.51	417.51	0.2870		2.0000	175.0000	383.0000
1079981	417.51	418.51	0.1700		1.0000	65.0000	191.0000
1079982	418.51	419.51	0.1070		1.0000	76.0000	617.0000
1079983	419.51	420.51	0.2660		0.5000	96.0000	573.0000
1079984	420.51	421.77	0.0310		0.5000	22.0000	126.0000
1079985	421.77	423.27	0.5510		1.0000	35.0000	184.0000
1079986	423.27	424.77	0.1980		0.5000	25.0000	87.0000
1079987	424.77	426.27	0.0830		2.0000	25.0000	196.0000
1079988	426.27	427.60	0.0560		2.0000	35.0000	151.0000
1079989	427.60	429.10	0.6240		2.0000	48.0000	162.0000
1079991	429.10	430.60	0.1060		7.0000	791.0000	791.0000
1079992	430.60	432.10	0.1830		2.0000	170.0000	518.0000
1079993	432.10	433.60	0.0390		1.0000	60.0000	193.0000
1079994	433.60	434.60	0.1650		2.0000	74.0000	311.0000
1079995	434.60	435.60	1.0670		2.0000	72.0000	327.0000
1079997	435.60	437.03	0.5480		0.5000	49.0000	187.0000
1079998	437.03	438.53	0.0210		0.5000	35.0000	133.0000
1079999	449.52	451.02	0.1210		0.5000	86.0000	187.0000
1226001	451.02	452.52	0.1170		0.5000	182.0000	864.0000
1226002	452.52	454.02	0.0160		0.5000	24.0000	130.0000
1226003	454.02	455.52	0.0280		0.5000	11.0000	97.0000
1226004	455.52	457.02	0.0690		0.5000	27.0000	107.0000
1226005	457.02	458.02	0.1410		1.0000	71.0000	698.0000
1226006	458.02	459.02	0.0410		0.5000	25.0000	164.0000
1226007	459.02	460.05	0.0900		0.5000	130.0000	316.0000
1226008	460.05	461.55	0.0130		0.5000	17.0000	118.0000

Hole Number: TL11216

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	CDUP						
1079816	194.96	195.96	0.0460		0.5000	86.0000	634.0000
1079836	213.34	214.34	0.0160		1.0000	24.0000	138.0000
1079856	257.29	258.29	0.0100		0.5000	20.0000	116.0000
1079876	274.58	275.58	0.1180		0.5000	204.0000	454.0000
1079896	292.66	293.66	0.0210		0.5000	20.0000	110.0000
1079916	319.45	320.45	0.0740		0.5000	101.0000	181.0000
1079936	338.00	339.00	2.1990		1.0000	32.0000	138.0000
1079956	379.47	380.47	0.0290		0.5000	117.0000	572.0000
1079976	413.51	414.51	0.1800		2.0000	101.0000	180.0000
1079996	434.60	435.60	0.3650		3.0000	76.0000	491.0000

# DETAILED LOG

Hole Number: TL11217

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -75.00
Project Number: TMI-TL	North: 5512296.06	North:	Collar Az: 320.00
Location: Zealand Township	East: 529365.74	East:	Length: 555.00
	Elev: 399.59	Elev:	Start Depth: 0.00
Date Started: Aug 27, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Aug 29, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 555.00

Comments: MSS zones at:  
 330.83-360.07m  
 360.24-370.81m  
 415.65-417.72m  
 457.65-463.67m  
 523.76-529.69m  
 Possible VG as bleb in qtz eye at 429.77m.  
 RQD interval 384-387m not included due to block error. Data exceeds limits.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	320.00	-75.00	EZ Sho	OK		24.00	321.20	-75.30	EZ Sho	OK	
51.00	322.30	-74.50	EZ Sho	OK		102.00	323.00	-74.00	EZ Sho	OK	
150.00	325.30	-73.10	EZ Sho	OK		201.00	327.10	-71.50	EZ Sho	OK	
252.00	329.00	-70.40	EZ Sho	OK		300.00	329.90	-69.80	EZ Sho	OK	
351.00	330.70	-69.30	EZ Sho	OK		400.00	331.80	-68.10	EZ Sho	OK	
450.00	333.70	-67.30	EZ Sho	OK		501.00	334.20	-66.90	EZ Sho	OK	
555.00	335.20	-66.50	EZ Sho	OK	No temp given						

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	3.60	OB, Overburden									
3.60	244.40	BMS, Biotite Muscovite Schist									
244.40	259.85	BS, Biotite Schist	1079183	258.35	259.85	1.50	0.08		0.50	28.00	172.00

## DETAILED LOG

Hole Number: TL11217

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
259.85	330.83	BMS, Biotite Muscovite Schist	1079184	259.85	261.35	1.50	0.04		0.50	32.00	170.00
			1079186	261.35	262.85	1.50	0.13		2.00	27.00	113.00
			1079185	261.35	262.85	1.50	0.15		2.00	19.00	127.00
			1079187	262.85	264.35	1.50	0.02		1.00	26.00	58.00
			1079188	264.35	265.85	1.50	0.01		0.50	13.00	51.00
			1079189	265.85	267.35	1.50	0.01		1.00	13.00	52.00
			1079191	267.35	268.85	1.50	0.22		3.00	19.00	93.00
			1079192	268.85	270.35	1.50	0.01		0.50	21.00	71.00
			1079193	270.35	271.85	1.50	0.01		0.50	16.00	59.00
			1079194	271.85	273.35	1.50	0.02		0.50	17.00	60.00
			1079195	273.35	274.85	1.50	0.01		0.50	8.00	51.00
			1079196	274.85	276.35	1.50	0.01		0.50	13.00	51.00
			1079197	276.35	277.85	1.50	0.05		0.50	216.00	391.00
			1079198	277.85	279.35	1.50	0.02		0.50	20.00	54.00
			1079199	279.35	280.85	1.50	0.02		0.50	10.00	54.00
			1079201	280.85	282.35	1.50	0.01		0.50	15.00	111.00
			1079202	282.35	283.85	1.50	0.03		0.50	14.00	46.00
			1079203	283.85	285.35	1.50	0.02		0.50	12.00	48.00
			1079204	285.35	286.85	1.50	0.01		0.50	11.00	56.00
			1079205	286.85	288.35	1.50	0.02		0.50	20.00	78.00
			1079206	286.85	288.35	1.50	0.02		0.50	18.00	66.00
			1079207	288.35	289.85	1.50	0.02		0.50	10.00	51.00
			1079208	289.85	291.35	1.50	0.03		0.50	18.00	57.00
			1079209	291.35	292.85	1.50	0.08		0.50	24.00	88.00
			1079211	292.85	294.35	1.50	0.06		1.00	25.00	94.00
			1079212	294.35	295.85	1.50	0.02		0.50	16.00	57.00
			1079213	295.85	297.35	1.50	0.01		0.50	13.00	56.00
			1079214	297.35	298.85	1.50	0.01		0.50	18.00	34.00
			1079215	298.85	300.35	1.50	0.01		0.50	11.00	26.00
			1079216	300.35	301.85	1.50	0.01		0.50	11.00	34.00
			1079217	301.85	303.35	1.50	0.02		0.50	17.00	68.00
			1079218	303.35	304.85	1.50	0.04		0.50	17.00	35.00
			1079219	304.85	306.35	1.50	0.04		0.50	11.00	20.00
			1079221	306.35	307.85	1.50	0.02		1.00	11.00	23.00
			1079222	307.85	309.35	1.50	0.04		0.50	7.00	31.00
			1079223	309.35	310.85	1.50	0.02		0.50	15.00	47.00
			1079224	310.85	312.35	1.50	0.03		0.50	28.00	51.00
			1079225	312.35	313.85	1.50	0.00		0.50	12.00	43.00
			1079226	312.35	313.85	1.50	0.00		0.50	10.00	39.00
			1079227	313.85	315.35	1.50	0.01		0.50	10.00	38.00
			1079228	315.35	316.85	1.50	0.01		0.50	10.00	37.00
			1079229	316.85	318.35	1.50	0.02		0.50	14.00	36.00
			1079231	318.35	319.85	1.50	0.02		3.00	200.00	144.00



## DETAILED LOG

Hole Number: TL11217

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
360.24	370.81	MSS, Muscovite Sericite Schist	1226037	360.64	361.64	1.00	0.01		0.50	26.00	37.00
			1226038	361.64	362.64	1.00	0.01		0.50	24.00	54.00
			1226039	362.64	363.64	1.00	0.01		1.00	23.00	111.00
			1226041	363.64	364.64	1.00	0.01		2.00	12.00	148.00
			1226042	364.64	365.64	1.00	0.03		1.00	17.00	48.00
			1226043	365.64	366.64	1.00	0.01		0.50	10.00	39.00
			1226044	366.64	367.64	1.00	0.01		1.00	16.00	42.00
			1226045	367.64	368.64	1.00	0.01		1.00	14.00	43.00
			1226046	368.64	369.64	1.00	0.01		1.00	9.00	52.00
			1226047	369.64	370.81	1.17	0.01		1.00	19.00	33.00
370.81	382.33	BMS, Biotite Muscovite Schist	1226048	370.81	372.31	1.50	0.01		1.00	18.00	46.00
			1226049	372.31	373.81	1.50	0.01		1.00	18.00	66.00
			1226051	373.81	375.31	1.50	0.01		3.00	215.00	139.00
			1226052	375.31	376.81	1.50	0.02		2.00	28.00	86.00
			1226053	376.81	378.31	1.50	0.02		2.00	27.00	85.00
			1226054	378.31	379.81	1.50	0.01		2.00	34.00	119.00
			1226055	379.81	381.31	1.50	0.01		2.00	85.00	165.00
			1226056	379.81	381.31	1.50	0.02		2.00	90.00	162.00
			1226057	381.31	382.33	1.02	0.01		1.00	57.00	156.00
382.33	382.97	MD, Mafic Dyke	1226058	382.33	383.83	1.50	0.02		2.00	75.00	312.00
382.97	415.65	BMS, Biotite Muscovite Schist	1226059	383.83	385.33	1.50	0.03		4.00	610.00	594.00
			1226061	385.33	386.83	1.50	0.04		4.00	295.00	357.00
			1226062	386.83	388.33	1.50	0.05		3.00	87.00	340.00
			1226063	388.33	389.83	1.50	0.09		3.00	227.00	514.00
			1226064	389.83	391.33	1.50	0.01		1.00	30.00	233.00
			1226065	391.33	392.83	1.50	0.01		1.00	21.00	109.00
			1226066	392.83	394.33	1.50	0.01		1.00	25.00	97.00
			1226067	394.33	395.83	1.50	0.02		1.00	18.00	71.00
			1226068	395.83	397.33	1.50	0.00		0.50	16.00	54.00
			1226069	397.33	398.83	1.50	0.00		0.50	14.00	58.00
			1226071	398.83	400.33	1.50	0.02		1.00	14.00	77.00
			1226072	400.33	401.83	1.50	0.01		1.00	17.00	76.00
			1226073	401.83	403.33	1.50	0.01		1.00	17.00	56.00
			1226074	403.33	404.83	1.50	0.01		0.50	18.00	71.00
			1226075	404.83	406.33	1.50	0.01		1.00	32.00	75.00
			1226076	404.83	406.33	1.50	0.01		1.00	22.00	62.00
			1226077	406.33	407.83	1.50	0.00		1.00	24.00	97.00
			1226078	407.83	409.33	1.50	0.01		1.00	24.00	54.00
			1226079	409.33	410.83	1.50	0.01		1.00	25.00	60.00
			1226081	410.83	412.33	1.50	0.01		0.50	17.00	92.00
			1226082	412.33	413.83	1.50	0.01		1.00	15.00	68.00
			1226083	413.83	415.65	1.82	0.00		1.00	26.00	48.00

## DETAILED LOG

Hole Number: TL11217

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
415.65	417.72	MSS, Muscovite Sericite Schist	1226084	415.65	416.65	1.00	0.71		1.00	33.00	86.00
			1226085	416.65	417.72	1.07	0.02		0.50	20.00	67.00
417.72	457.65	BMS, Biotite Muscovite Schist 429.76-429.78m possible 2mm VG bleb w/i transparent qtz eye.	1226086	417.72	419.22	1.50	0.02		1.00	37.00	72.00
			1226087	419.22	420.72	1.50	0.01		0.50	25.00	56.00
			1226088	420.72	422.22	1.50	0.01		0.50	19.00	54.00
			1226089	422.22	423.72	1.50	0.01		0.50	14.00	45.00
			1226091	423.72	425.22	1.50	0.01		0.50	12.00	41.00
			1226092	425.22	426.72	1.50	0.00		0.50	15.00	53.00
			1226093	426.72	428.22	1.50	0.01	0.00	0.50	16.00	54.00
			1226094	428.22	429.52	1.30	0.01	15.67	0.50	18.00	46.00
			1226095	429.52	430.02	0.50	0.04	0.05	1.00	29.00	60.00
			1226096	429.52	430.02	0.50	0.01	0.01	0.50	25.00	58.00
			1226097	430.02	431.52	1.50	0.03	0.02	0.50	31.00	201.00
			1226098	431.52	433.02	1.50	0.00	0.04	0.50	23.00	74.00
			1226099	433.02	434.52	1.50	0.00		0.50	18.00	42.00
			1226101	434.52	436.02	1.50	0.02		1.00	31.00	107.00
			1226102	436.02	437.02	1.00	0.01		1.00	33.00	273.00
			1226103	437.02	438.02	1.00	0.04		1.00	40.00	472.00
			1226104	438.02	439.52	1.50	0.02		1.00	36.00	78.00
			1226105	439.52	441.02	1.50	0.03		0.50	24.00	50.00
			1226106	441.02	442.52	1.50	0.03		0.50	22.00	59.00
			1226107	442.52	444.02	1.50	0.00		0.50	17.00	46.00
			1226108	444.02	445.52	1.50	0.05		0.50	20.00	71.00
			1226109	445.52	447.02	1.50	0.00		1.00	16.00	56.00
			1226111	447.02	448.52	1.50	0.18		13.00	1108.00	623.00
			1226112	448.52	450.02	1.50	0.02		0.50	27.00	44.00
			1226113	450.02	451.52	1.50	0.00		0.50	0.50	9.00
			1226114	451.52	453.02	1.50	0.01		0.50	0.50	2.00
			1226116	453.02	454.52	1.50	0.00		1.00	1.00	50.00
			1226115	453.02	454.52	1.50	0.00		0.50	0.50	41.00
			1226117	454.52	456.02	1.50	0.01		0.50	9.00	43.00
			1226118	456.02	457.65	1.63	0.01		1.00	20.00	62.00
457.65	463.67	MSS, Muscovite Sericite Schist	1226119	457.65	458.65	1.00	0.14		2.00	88.00	483.00
			1226121	458.65	459.65	1.00	0.25		4.00	409.00	266.00
			1226122	459.65	460.65	1.00	1.37		4.00	152.00	1285.00
			1226123	460.65	461.65	1.00	0.10		0.50	68.00	302.00
			1226124	461.65	462.65	1.00	0.09		1.00	51.00	290.00
			1226125	462.65	463.67	1.02	0.14		1.00	46.00	330.00

DETAILED LOG

Hole Number: TL11217

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
463.67	518.75	BMS, Biotite Muscovite Schist	1226126	463.67	465.17	1.50	0.04		2.00	47.00	115.00
			1226127	465.17	466.67	1.50	0.04		1.00	36.00	133.00
			1226128	466.67	468.17	1.50	0.14		1.00	32.00	176.00
			1226129	468.17	469.67	1.50	0.11		1.00	42.00	90.00
			1226131	469.67	471.17	1.50	0.21		2.00	111.00	168.00
			1226132	471.17	472.67	1.50	0.03		1.00	40.00	77.00
			1226133	472.67	474.17	1.50	0.21		0.50	44.00	130.00
			1226134	474.17	475.67	1.50	0.06		1.00	26.00	98.00
			1226135	475.67	477.17	1.50	0.08		1.00	30.00	113.00
			1226136	475.67	477.17	1.50	0.11		1.00	26.00	87.00
			1226137	477.17	478.67	1.50	0.05		1.00	23.00	88.00
			1226138	478.67	480.17	1.50	0.13		2.00	36.00	113.00
			1226139	480.17	481.67	1.50	0.13		2.00	21.00	123.00
			1226141	481.67	483.17	1.50	0.03		1.00	24.00	280.00
			1226142	483.17	484.67	1.50	0.06		1.00	20.00	100.00
			1226143	484.67	486.17	1.50	0.14		0.50	22.00	81.00
			1226144	486.17	487.67	1.50	0.22		1.00	22.00	85.00
			1226145	487.67	489.17	1.50	0.07		0.50	21.00	66.00
			1226146	489.17	490.67	1.50	0.03		1.00	18.00	66.00
			1226147	490.67	492.17	1.50	0.03		1.00	27.00	103.00
			1226148	492.17	493.67	1.50	0.03		1.00	34.00	584.00
			1226149	493.67	495.17	1.50	0.05		2.00	44.00	340.00
			1226151	495.17	496.67	1.50	0.06		1.00	41.00	331.00
			1226152	496.67	498.17	1.50	0.16		0.50	28.00	1316.00
			1226153	498.17	499.67	1.50	0.23		0.50	28.00	565.00
			1226154	499.67	501.17	1.50	0.04		1.00	22.00	210.00
			1226155	501.17	502.67	1.50	0.03		1.00	22.00	168.00
			1226156	501.17	502.67	1.50	0.03		1.00	20.00	160.00
			1226157	502.67	504.17	1.50	0.01		0.50	18.00	139.00
			1226158	504.17	505.67	1.50	0.01		0.50	25.00	97.00
			1226159	505.67	507.17	1.50	0.32		2.00	14.00	68.00
			1226161	507.17	508.67	1.50	0.03		2.00	17.00	81.00
			1226162	508.67	510.17	1.50	0.03		1.00	22.00	72.00
1226163	510.17	511.67	1.50	0.01		1.00	13.00	29.00			
1226164	511.67	513.17	1.50	0.01		2.00	16.00	20.00			
1226165	513.17	514.67	1.50	0.01		1.00	10.00	18.00			
1226166	514.67	516.17	1.50	0.01		1.00	19.00	30.00			
1226167	516.17	517.67	1.50	0.02		2.00	39.00	49.00			
1226168	517.67	518.75	1.08	0.01		1.00	21.00	34.00			
518.75	523.76	BS, Biotite Schist	1226169	518.75	520.25	1.50	0.02		2.00	36.00	106.00
			1226171	520.25	521.75	1.50	0.04		4.00	228.00	215.00
			1226172	521.75	522.75	1.00	0.04		3.00	37.00	518.00
			1226173	522.75	523.76	1.01	0.04		3.00	52.00	112.00



# DETAILED LOG

Hole Number: TL11217

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
523.76	529.69	MSS, Muscovite Sericite Schist	1226174	523.76	524.76	1.00	0.06		2.00	59.00	191.00
			1226175	524.76	525.76	1.00	0.02		1.00	47.00	158.00
			1226176	524.76	525.76	1.00	0.01		1.00	41.00	132.00
			1226177	525.76	526.76	1.00	0.07		2.00	41.00	151.00
			1226178	526.76	527.76	1.00	0.14		2.00	27.00	106.00
			1226179	527.76	528.76	1.00	0.31		2.00	27.00	1632.00
			1226181	528.76	529.69	0.93	0.11		1.00	41.00	623.00
529.69	555.00	BMS, Biotite Muscovite Schist	1226182	529.69	531.19	1.50	0.02		1.00	45.00	104.00
			1226183	531.19	532.69	1.50	0.05		1.00	23.00	415.00
			1226184	532.69	534.19	1.50	0.07		2.00	16.00	421.00
			1226185	534.19	535.69	1.50	0.07		1.00	21.00	173.00
			1226186	535.69	536.69	1.00	0.05		1.00	35.00	709.00
			1226187	536.69	537.69	1.00	0.04		2.00	22.00	2896.00
			1226188	537.69	539.19	1.50	0.06		1.00	17.00	201.00
			1226189	539.19	540.69	1.50	0.03		2.00	14.00	151.00
			1226191	540.69	541.69	1.00	0.06		2.00	23.00	573.00
			1226192	541.69	542.69	1.00	0.25		2.00	37.00	624.00
			1226193	542.69	544.19	1.50	0.20		2.00	53.00	544.00
			1226194	544.19	545.69	1.50	0.06		1.00	26.00	223.00
			1226196	545.69	547.19	1.50	0.02		1.00	30.00	110.00
			1226195	545.69	547.19	1.50	0.05		2.00	127.00	598.00
			1226197	547.19	548.69	1.50	0.00		1.00	22.00	64.00
			1226198	548.69	550.19	1.50	0.04		2.00	137.00	1372.00
1226199	550.19	551.69	1.50	0.01		0.50	27.00	133.00			
1226201	551.69	553.19	1.50	0.00		1.00	23.00	56.00			
1226202	553.19	554.19	1.00	0.00		1.00	22.00	83.00			
1226203	554.19	555.00	0.81	0.00		1.00	21.00	73.00			

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079183	258.35	259.85	0.0820		0.5000	28.0000	172.0000
1079184	259.85	261.35	0.0400		0.5000	32.0000	170.0000
1079185	261.35	262.85	0.1460		2.0000	19.0000	127.0000
1079187	262.85	264.35	0.0210		1.0000	26.0000	58.0000
1079188	264.35	265.85	0.0120		0.5000	13.0000	51.0000
1079189	265.85	267.35	0.0130		1.0000	13.0000	52.0000
1079191	267.35	268.85	0.2180		3.0000	19.0000	93.0000
1079192	268.85	270.35	0.0140		0.5000	21.0000	71.0000
1079193	270.35	271.85	0.0090		0.5000	16.0000	59.0000
1079194	271.85	273.35	0.0170		0.5000	17.0000	60.0000
1079195	273.35	274.85	0.0100		0.5000	8.0000	51.0000

Hole Number: TL11217

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079196	274.85	276.35	0.0110		0.5000	13.0000	51.0000
1079197	276.35	277.85	0.0480		0.5000	216.0000	391.0000
1079198	277.85	279.35	0.0180		0.5000	20.0000	54.0000
1079199	279.35	280.85	0.0190		0.5000	10.0000	54.0000
1079201	280.85	282.35	0.0130		0.5000	15.0000	111.0000
1079202	282.35	283.85	0.0270		0.5000	14.0000	46.0000
1079203	283.85	285.35	0.0200		0.5000	12.0000	48.0000
1079204	285.35	286.85	0.0140		0.5000	11.0000	56.0000
1079205	286.85	288.35	0.0180		0.5000	20.0000	78.0000
1079207	288.35	289.85	0.0210		0.5000	10.0000	51.0000
1079208	289.85	291.35	0.0310		0.5000	18.0000	57.0000
1079209	291.35	292.85	0.0840		0.5000	24.0000	88.0000
1079211	292.85	294.35	0.0630		1.0000	25.0000	94.0000
1079212	294.35	295.85	0.0230		0.5000	16.0000	57.0000
1079213	295.85	297.35	0.0140		0.5000	13.0000	56.0000
1079214	297.35	298.85	0.0090		0.5000	18.0000	34.0000
1079215	298.85	300.35	0.0100		0.5000	11.0000	26.0000
1079216	300.35	301.85	0.0120		0.5000	11.0000	34.0000
1079217	301.85	303.35	0.0200		0.5000	17.0000	68.0000
1079218	303.35	304.85	0.0400		0.5000	17.0000	35.0000
1079219	304.85	306.35	0.0420		0.5000	11.0000	20.0000
1079221	306.35	307.85	0.0230		1.0000	11.0000	23.0000
1079222	307.85	309.35	0.0390		0.5000	7.0000	31.0000
1079223	309.35	310.85	0.0200		0.5000	15.0000	47.0000
1079224	310.85	312.35	0.0320		0.5000	28.0000	51.0000
1079225	312.35	313.85	0.0020		0.5000	12.0000	43.0000
1079227	313.85	315.35	0.0100		0.5000	10.0000	38.0000
1079228	315.35	316.85	0.0100		0.5000	10.0000	37.0000
1079229	316.85	318.35	0.0150		0.5000	14.0000	36.0000
1079231	318.35	319.85	0.0160		3.0000	200.0000	144.0000
1079232	319.85	321.35	0.0020		0.5000	19.0000	70.0000
1079233	321.35	322.85	0.0005		0.5000	16.0000	152.0000
1079234	322.85	324.35	0.0020		0.5000	18.0000	128.0000
1079235	324.35	325.85	0.0050		0.5000	21.0000	43.0000
1079236	325.85	327.35	0.0050		0.5000	23.0000	48.0000
1079237	327.35	328.85	0.0320		0.5000	18.0000	52.0000
1079238	328.85	329.85	0.0050		0.5000	14.0000	66.0000
1079239	329.85	330.83	0.0010		0.5000	15.0000	59.0000
1079241	330.83	331.83	0.0120		0.5000	30.0000	49.0000

Hole Number: TL11217

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1079242	331.83	332.83	0.0110		0.5000	29.0000	39.0000
1079243	332.83	333.83	0.0210		1.0000	43.0000	46.0000
1079244	333.83	334.83	0.0360		0.5000	47.0000	67.0000
1079245	334.83	335.83	0.2910		3.0000	261.0000	523.0000
1079247	335.83	336.83	0.0670		0.5000	60.0000	86.0000
1079248	336.83	337.83	0.1060		1.0000	63.0000	292.0000
1079249	337.83	338.87	0.0960		0.5000	78.0000	116.0000
1226011	338.87	339.87	0.0440		0.5000	75.0000	103.0000
1226012	339.87	340.87	0.0590		1.0000	96.0000	209.0000
1226013	340.87	341.87	0.1460		2.0000	196.0000	278.0000
1226014	341.87	342.64	0.1170		2.0000	166.0000	203.0000
1226015	342.64	343.64	0.0510		1.0000	176.0000	220.0000
1226017	343.64	344.64	0.0620		0.5000	93.0000	333.0000
1226018	344.64	345.64	0.0740		0.5000	33.0000	47.0000
1226019	345.64	346.64	0.0340		0.5000	43.0000	43.0000
1226021	346.64	347.64	0.0310		0.5000	103.0000	290.0000
1226022	347.64	348.64	0.0320		0.5000	43.0000	116.0000
1226023	348.64	349.64	0.0130		0.5000	37.0000	71.0000
1226024	349.64	350.64	0.0110		0.5000	31.0000	44.0000
1226025	350.64	351.64	0.0120		1.0000	40.0000	46.0000
1226026	351.64	352.64	0.0310		0.5000	32.0000	32.0000
1226027	352.64	353.64	0.1840		0.5000	36.0000	73.0000
1226028	353.64	354.64	0.0290		0.5000	39.0000	38.0000
1226029	354.64	355.64	0.0360		2.0000	138.0000	204.0000
1226031	355.64	356.64	0.0310		1.0000	163.0000	264.0000
1226032	356.64	357.64	0.0330		0.5000	31.0000	18.0000
1226033	357.64	358.64	0.0090		1.0000	36.0000	378.0000
1226034	358.64	359.64	0.0090		1.0000	20.0000	40.0000
1226035	359.64	360.64	0.0130		2.0000	29.0000	54.0000
1226037	360.64	361.64	0.0080		0.5000	26.0000	37.0000
1226038	361.64	362.64	0.0070		0.5000	24.0000	54.0000
1226039	362.64	363.64	0.0070		1.0000	23.0000	111.0000
1226041	363.64	364.64	0.0100		2.0000	12.0000	148.0000
1226042	364.64	365.64	0.0250		1.0000	17.0000	48.0000
1226043	365.64	366.64	0.0050		0.5000	10.0000	39.0000
1226044	366.64	367.64	0.0050		1.0000	16.0000	42.0000
1226045	367.64	368.64	0.0060		1.0000	14.0000	43.0000
1226046	368.64	369.64	0.0080		1.0000	9.0000	52.0000
1226047	369.64	370.81	0.0050		1.0000	19.0000	33.0000

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Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226048	370.81	372.31	0.0060		1.0000	18.0000	46.0000
1226049	372.31	373.81	0.0090		1.0000	18.0000	66.0000
1226051	373.81	375.31	0.0120		3.0000	215.0000	139.0000
1226052	375.31	376.81	0.0150		2.0000	28.0000	86.0000
1226053	376.81	378.31	0.0150		2.0000	27.0000	85.0000
1226054	378.31	379.81	0.0130		2.0000	34.0000	119.0000
1226055	379.81	381.31	0.0130		2.0000	85.0000	165.0000
1226057	381.31	382.33	0.0070		1.0000	57.0000	156.0000
1226058	382.33	383.83	0.0180		2.0000	75.0000	312.0000
1226059	383.83	385.33	0.0270		4.0000	610.0000	594.0000
1226061	385.33	386.83	0.0370		4.0000	295.0000	357.0000
1226062	386.83	388.33	0.0540		3.0000	87.0000	340.0000
1226063	388.33	389.83	0.0870		3.0000	227.0000	514.0000
1226064	389.83	391.33	0.0090		1.0000	30.0000	233.0000
1226065	391.33	392.83	0.0050		1.0000	21.0000	109.0000
1226066	392.83	394.33	0.0050		1.0000	25.0000	97.0000
1226067	394.33	395.83	0.0150		1.0000	18.0000	71.0000
1226068	395.83	397.33	0.0005		0.5000	16.0000	54.0000
1226069	397.33	398.83	0.0030		0.5000	14.0000	58.0000
1226071	398.83	400.33	0.0160		1.0000	14.0000	77.0000
1226072	400.33	401.83	0.0060		1.0000	17.0000	76.0000
1226073	401.83	403.33	0.0080		1.0000	17.0000	56.0000
1226074	403.33	404.83	0.0090		0.5000	18.0000	71.0000
1226075	404.83	406.33	0.0080		1.0000	32.0000	75.0000
1226077	406.33	407.83	0.0020		1.0000	24.0000	97.0000
1226078	407.83	409.33	0.0060		1.0000	24.0000	54.0000
1226079	409.33	410.83	0.0080		1.0000	25.0000	60.0000
1226081	410.83	412.33	0.0110		0.5000	17.0000	92.0000
1226082	412.33	413.83	0.0070		1.0000	15.0000	68.0000
1226083	413.83	415.65	0.0030		1.0000	26.0000	48.0000
1226084	415.65	416.65	0.7060		1.0000	33.0000	86.0000
1226085	416.65	417.72	0.0160		0.5000	20.0000	67.0000
1226086	417.72	419.22	0.0160		1.0000	37.0000	72.0000
1226087	419.22	420.72	0.0090		0.5000	25.0000	56.0000
1226088	420.72	422.22	0.0090		0.5000	19.0000	54.0000
1226089	422.22	423.72	0.0050		0.5000	14.0000	45.0000
1226091	423.72	425.22	0.0070		0.5000	12.0000	41.0000
1226092	425.22	426.72	0.0040		0.5000	15.0000	53.0000
1226093	426.72	428.22	0.0070	0.0005	0.5000	16.0000	54.0000

Hole Number: TL11217

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226094	428.22	429.52	0.0060	15.6710	0.5000	18.0000	46.0000
1226095	429.52	430.02	0.0400	0.0490	1.0000	29.0000	60.0000
1226097	430.02	431.52	0.0330	0.0180	0.5000	31.0000	201.0000
1226098	431.52	433.02	0.0040	0.0400	0.5000	23.0000	74.0000
1226099	433.02	434.52	0.0005		0.5000	18.0000	42.0000
1226101	434.52	436.02	0.0170		1.0000	31.0000	107.0000
1226102	436.02	437.02	0.0070		1.0000	33.0000	273.0000
1226103	437.02	438.02	0.0440		1.0000	40.0000	472.0000
1226104	438.02	439.52	0.0150		1.0000	36.0000	78.0000
1226105	439.52	441.02	0.0320		0.5000	24.0000	50.0000
1226106	441.02	442.52	0.0260		0.5000	22.0000	59.0000
1226107	442.52	444.02	0.0040		0.5000	17.0000	46.0000
1226108	444.02	445.52	0.0510		0.5000	20.0000	71.0000
1226109	445.52	447.02	0.0040		1.0000	16.0000	56.0000
1226111	447.02	448.52	0.1790		13.0000	1108.0000	623.0000
1226112	448.52	450.02	0.0190		0.5000	27.0000	44.0000
1226113	450.02	451.52	0.0020		0.5000	0.5000	9.0000
1226114	451.52	453.02	0.0110		0.5000	0.5000	2.0000
1226115	453.02	454.52	0.0040		0.5000	0.5000	41.0000
1226117	454.52	456.02	0.0050		0.5000	9.0000	43.0000
1226118	456.02	457.65	0.0100		1.0000	20.0000	62.0000
1226119	457.65	458.65	0.1400		2.0000	88.0000	483.0000
1226121	458.65	459.65	0.2490		4.0000	409.0000	266.0000
1226122	459.65	460.65	1.3660		4.0000	152.0000	1285.0000
1226123	460.65	461.65	0.1040		0.5000	68.0000	302.0000
1226124	461.65	462.65	0.0940		1.0000	51.0000	290.0000
1226125	462.65	463.67	0.1410		1.0000	46.0000	330.0000
1226126	463.67	465.17	0.0400		2.0000	47.0000	115.0000
1226127	465.17	466.67	0.0380		1.0000	36.0000	133.0000
1226128	466.67	468.17	0.1360		1.0000	32.0000	176.0000
1226129	468.17	469.67	0.1130		1.0000	42.0000	90.0000
1226131	469.67	471.17	0.2100		2.0000	111.0000	168.0000
1226132	471.17	472.67	0.0330		1.0000	40.0000	77.0000
1226133	472.67	474.17	0.2110		0.5000	44.0000	130.0000
1226134	474.17	475.67	0.0610		1.0000	26.0000	98.0000
1226135	475.67	477.17	0.0790		1.0000	30.0000	113.0000
1226137	477.17	478.67	0.0540		1.0000	23.0000	88.0000
1226138	478.67	480.17	0.1300		2.0000	36.0000	113.0000
1226139	480.17	481.67	0.1300		2.0000	21.0000	123.0000

Hole Number: TL11217

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226141	481.67	483.17	0.0290		1.0000	24.0000	280.0000
1226142	483.17	484.67	0.0570		1.0000	20.0000	100.0000
1226143	484.67	486.17	0.1380		0.5000	22.0000	81.0000
1226144	486.17	487.67	0.2180		1.0000	22.0000	85.0000
1226145	487.67	489.17	0.0690		0.5000	21.0000	66.0000
1226146	489.17	490.67	0.0310		1.0000	18.0000	66.0000
1226147	490.67	492.17	0.0280		1.0000	27.0000	103.0000
1226148	492.17	493.67	0.0330		1.0000	34.0000	584.0000
1226149	493.67	495.17	0.0460		2.0000	44.0000	340.0000
1226151	495.17	496.67	0.0560		1.0000	41.0000	331.0000
1226152	496.67	498.17	0.1590		0.5000	28.0000	1316.0000
1226153	498.17	499.67	0.2280		0.5000	28.0000	565.0000
1226154	499.67	501.17	0.0400		1.0000	22.0000	210.0000
1226155	501.17	502.67	0.0300		1.0000	22.0000	168.0000
1226157	502.67	504.17	0.0140		0.5000	18.0000	139.0000
1226158	504.17	505.67	0.0130		0.5000	25.0000	97.0000
1226159	505.67	507.17	0.3150		2.0000	14.0000	68.0000
1226161	507.17	508.67	0.0280		2.0000	17.0000	81.0000
1226162	508.67	510.17	0.0290		1.0000	22.0000	72.0000
1226163	510.17	511.67	0.0100		1.0000	13.0000	29.0000
1226164	511.67	513.17	0.0110		2.0000	16.0000	20.0000
1226165	513.17	514.67	0.0090		1.0000	10.0000	18.0000
1226166	514.67	516.17	0.0120		1.0000	19.0000	30.0000
1226167	516.17	517.67	0.0240		2.0000	39.0000	49.0000
1226168	517.67	518.75	0.0080		1.0000	21.0000	34.0000
1226169	518.75	520.25	0.0230		2.0000	36.0000	106.0000
1226171	520.25	521.75	0.0370		4.0000	228.0000	215.0000
1226172	521.75	522.75	0.0360		3.0000	37.0000	518.0000
1226173	522.75	523.76	0.0440		3.0000	52.0000	112.0000
1226174	523.76	524.76	0.0550		2.0000	59.0000	191.0000
1226175	524.76	525.76	0.0160		1.0000	47.0000	158.0000
1226177	525.76	526.76	0.0710		2.0000	41.0000	151.0000
1226178	526.76	527.76	0.1360		2.0000	27.0000	106.0000
1226179	527.76	528.76	0.3100		2.0000	27.0000	1632.0000
1226181	528.76	529.69	0.1060		1.0000	41.0000	623.0000
1226182	529.69	531.19	0.0240		1.0000	45.0000	104.0000
1226183	531.19	532.69	0.0460		1.0000	23.0000	415.0000
1226184	532.69	534.19	0.0740		2.0000	16.0000	421.0000
1226185	534.19	535.69	0.0670		1.0000	21.0000	173.0000

Hole Number: TL11217

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226186	535.69	536.69	0.0470		1.0000	35.0000	709.0000
1226187	536.69	537.69	0.0410		2.0000	22.0000	2896.0000
1226188	537.69	539.19	0.0600		1.0000	17.0000	201.0000
1226189	539.19	540.69	0.0320		2.0000	14.0000	151.0000
1226191	540.69	541.69	0.0580		2.0000	23.0000	573.0000
1226192	541.69	542.69	0.2530		2.0000	37.0000	624.0000
1226193	542.69	544.19	0.2030		2.0000	53.0000	544.0000
1226194	544.19	545.69	0.0570		1.0000	26.0000	223.0000
1226195	545.69	547.19	0.0450		2.0000	127.0000	598.0000
1226197	547.19	548.69	0.0020		1.0000	22.0000	64.0000
1226198	548.69	550.19	0.0380		2.0000	137.0000	1372.0000
1226199	550.19	551.69	0.0070		0.5000	27.0000	133.0000
1226201	551.69	553.19	0.0020		1.0000	23.0000	56.0000
1226202	553.19	554.19	0.0005		1.0000	22.0000	83.0000
1226203	554.19	555.00	0.0005		1.0000	21.0000	73.0000
Sample Type	CDUP						
1079186	261.35	262.85	0.1250		2.0000	27.0000	113.0000
1079206	286.85	288.35	0.0160		0.5000	18.0000	66.0000
1079226	312.35	313.85	0.0020		0.5000	10.0000	39.0000
1079246	334.83	335.83	0.1930		2.0000	245.0000	698.0000
1226016	342.64	343.64	0.0300		1.0000	132.0000	187.0000
1226036	359.64	360.64	0.0150		2.0000	21.0000	52.0000
1226056	379.81	381.31	0.0220		2.0000	90.0000	162.0000
1226076	404.83	406.33	0.0090		1.0000	22.0000	62.0000
1226096	429.52	430.02	0.0130	0.0130	0.5000	25.0000	58.0000
1226116	453.02	454.52	0.0030		1.0000	1.0000	50.0000
1226136	475.67	477.17	0.1130		1.0000	26.0000	87.0000
1226156	501.17	502.67	0.0330		1.0000	20.0000	160.0000
1226176	524.76	525.76	0.0130		1.0000	41.0000	132.0000
1226196	545.69	547.19	0.0170		1.0000	30.0000	110.0000

# DETAILED LOG

Hole Number: TL11218 Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511620.08	North:	Collar Az: 360.00
Location: Zealand Township	East: 527655.46	East:	Length: 513.00
	Elev: 394.51	Elev:	Start Depth: 0.00
Date Started: Aug 25, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Aug 30, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 513.00

Comments: Main zone : 328.17-389.13m  
 C zone : 477.90-509.95m  
 Visible gold bleb at 460.65m.  
 RQD interval 69-72m not included due to block error. Data exceeds limit.

### Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	355.00	-65.00	EZ Sho	OK		27.00	355.80	-62.10	EZ Sho	OK	No temp given
51.00	357.10	-61.80	EZ Sho	OK		99.00	358.60	-60.10	EZ Sho	OK	
156.00	1.20	-59.60	EZ Sho	OK		201.00	4.20	-59.40	EZ Sho	OK	
252.00	5.50	-58.00	EZ Sho	OK		300.00	8.90	-56.40	EZ Sho	OK	
354.00	10.80	-53.60	EZ Sho	OK		405.00	11.60	-51.10	EZ Sho	OK	
450.00	11.90	-50.00	EZ Sho	OK		513.00	11.60	-45.30	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	9.00	OB, Overburden									
9.00	243.46	BMS, Biotite Muscovite Schist Large BMS, typical weak sr alteration with moderate to strong silicification. Up to 2m patches of stronger alteration along with chl alt near abundant fracturing.	1184381	241.96	243.46	1.50	0.07		4.00	374.00	315.00
243.46	256.86	MSS, Muscovite Sericite Schist MSS hangingwall with very strong sr/si alteration, with weak pervasive chl. Several qz veins which also have fluorite and/or epidote-carb	1184382	243.46	244.50	1.04	0.01		2.00	54.00	3453.00
			1184383	244.50	246.00	1.50	0.01		2.00	46.00	58.00
			1184384	246.00	247.50	1.50	0.01		1.00	54.00	124.00
			1184386	247.50	249.00	1.50	0.03		2.00	36.00	69.00
			1184385	247.50	249.00	1.50	0.02		1.00	38.00	66.00
			1184387	249.00	250.50	1.50	0.02		2.00	43.00	32.00
			1184388	250.50	252.00	1.50	0.01		2.00	54.00	46.00
			1184389	252.00	253.50	1.50	0.02		2.00	55.00	32.00
			1184391	253.50	255.00	1.50	0.02		3.00	43.00	12.00
			1184392	255.00	256.86	1.86	0.02		3.00	48.00	31.00
256.86	289.12	BMS, Biotite Muscovite Schist BMS zone, Moderate sr alteration with local patches of both strong and weak alt.	1184393	256.86	258.36	1.50	0.00		2.00	57.00	42.00
			1184394	287.62	289.12	1.50	0.15		2.00	246.00	330.00



## DETAILED LOG

Hole Number: TL11218

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
289.12	311.04	MSS, Muscovite Sericite Schist MSS hangingwall zone. Strong sr alteration, poor mineralization with a few condensed sph/cpy stringers at 301-301.5	1184395	289.12	290.12	1.00	0.23		4.00	754.00	1706.00
			1184396	290.12	291.00	0.88	0.02		2.00	300.00	337.00
			1184397	291.00	292.50	1.50	0.02		1.00	72.00	120.00
			1184398	292.50	294.00	1.50	0.02		1.00	49.00	488.00
			1184399	294.00	295.50	1.50	0.02		0.50	45.00	34.00
			1184401	295.50	297.00	1.50	0.02		0.50	45.00	38.00
			1184402	297.00	298.50	1.50	0.07		0.50	55.00	67.00
			1184403	298.50	300.00	1.50	0.02		0.50	53.00	61.00
			1184404	300.00	301.00	1.00	0.03		1.00	57.00	58.00
			1184406	301.00	302.00	1.00	0.12		2.00	70.00	2419.00
			1184405	301.00	302.00	1.00	0.15		2.00	71.00	3156.00
			1184407	302.00	303.00	1.00	0.05		0.50	45.00	80.00
			1184408	303.00	304.50	1.50	0.01		1.00	59.00	59.00
			1184409	304.50	306.00	1.50	0.01		0.50	63.00	36.00
			1184411	306.00	307.50	1.50	0.01		0.50	101.00	95.00
1184412	307.50	309.00	1.50	0.02		1.00	214.00	241.00			
1184413	309.00	310.00	1.00	0.01		0.50	75.00	103.00			
1184414	310.00	311.04	1.04	0.02		0.50	47.00	36.00			
311.04	328.17	BMS, Biotite Muscovite Schist Typical weak sr BMS. Strong patch of sr alt between 322-323m. Poorly mineralized	1184415	311.04	312.54	1.50	0.08		2.00	247.00	273.00
			1184416	322.00	323.00	1.00	0.16		3.00	525.00	605.00
			1184417	323.00	324.00	1.00	0.05		1.00	95.00	104.00
			1184418	324.00	325.50	1.50	0.03		1.00	73.00	145.00
			1184419	325.50	327.00	1.50	0.34		1.00	69.00	611.00
			1184421	327.00	328.17	1.17	0.03		0.50	58.00	181.00

DETAILED LOG

Hole Number: TL11218

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
328.17	389.13	MSS, Muscovite Sericite Schist	1184422	328.17	329.17	1.00	0.01		0.50	49.00	52.00
			1184423	329.17	330.50	1.33	0.05		0.50	68.00	47.00
			1184424	330.50	331.50	1.00	0.04		0.50	77.00	101.00
			1184425	331.50	333.00	1.50	0.03		0.50	69.00	148.00
			1184426	331.50	333.00	1.50	0.05		0.50	78.00	151.00
			1184427	333.00	334.00	1.00	0.14		3.00	774.00	276.00
			1184428	334.00	335.00	1.00	0.02		1.00	77.00	84.00
			1184429	335.00	336.00	1.00	0.02		2.00	113.00	169.00
			1184431	336.00	337.00	1.00	0.03		2.00	77.00	210.00
			1184432	337.00	338.00	1.00	0.08		1.00	102.00	24.00
			1184433	338.00	339.00	1.00	0.10		3.00	516.00	773.00
			1184434	339.00	340.00	1.00	0.08		2.00	229.00	290.00
			1184435	340.00	341.00	1.00	0.03		0.50	88.00	46.00
			1184436	341.00	342.00	1.00	0.03		1.00	103.00	123.00
			1184437	342.00	343.00	1.00	0.05		1.00	74.00	115.00
			1184438	343.00	344.00	1.00	0.06		2.00	238.00	315.00
			1184439	344.00	345.00	1.00	0.06		0.50	84.00	61.00
			1184441	345.00	346.00	1.00	0.13		1.00	92.00	162.00
			1184442	346.00	347.00	1.00	0.05		1.00	63.00	43.00
			1184443	347.00	348.00	1.00	0.18		3.00	419.00	440.00
			1184444	348.00	349.00	1.00	0.05		2.00	114.00	84.00
			1184445	349.00	350.00	1.00	0.05		4.00	531.00	43.00
			1184446	349.00	350.00	1.00	0.13		6.00	596.00	60.00
			1184447	350.00	351.00	1.00	0.04		1.00	85.00	242.00
			1184448	351.00	352.00	1.00	0.20		1.00	67.00	90.00
			1184449	352.00	353.00	1.00	0.05		1.00	95.00	92.00
			1184451	353.00	354.00	1.00	0.06		2.00	101.00	184.00
			1184452	354.00	355.50	1.50	0.03		2.00	56.00	59.00
			1184453	355.50	357.00	1.50	0.32		2.00	62.00	66.00
			1184454	357.00	358.50	1.50	0.16		2.00	46.00	36.00
			1184455	358.50	360.00	1.50	0.05		1.00	41.00	42.00
			1184456	360.00	361.50	1.50	0.09		1.00	47.00	51.00
			1184457	361.50	363.00	1.50	0.11		4.00	72.00	81.00
			1184458	363.00	364.00	1.00	0.06		1.00	60.00	92.00
			1184459	364.00	365.00	1.00	0.21		2.00	116.00	155.00
			1184461	365.00	366.00	1.00	0.38		1.00	65.00	83.00
			1184462	366.00	367.00	1.00	0.27		1.00	83.00	112.00
			1184463	367.00	368.00	1.00	0.75		1.00	46.00	78.00
			1184464	368.00	369.00	1.00	0.06		1.00	42.00	31.00
			1184466	369.00	370.50	1.50	0.06		0.50	42.00	31.00
			1184465	369.00	370.50	1.50	0.35		1.00	48.00	80.00
			1184467	370.50	372.00	1.50	0.08		1.00	41.00	54.00
			1184468	372.00	373.50	1.50	0.35		2.00	202.00	145.00

## DETAILED LOG

Hole Number: TL11218

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1184469	373.50	375.00	1.50	0.11		0.50	54.00	21.00
			1184471	375.00	376.50	1.50	0.06		2.00	161.00	76.00
			1184472	376.50	378.00	1.50	0.28		1.00	70.00	88.00
			1184473	378.00	379.00	1.00	0.23		1.00	82.00	76.00
			1184474	379.00	380.00	1.00	13.49		3.00	36.00	23.00
			1184475	380.00	381.00	1.00	0.40		1.00	46.00	44.00
			1184476	381.00	382.28	1.28	0.51		0.50	48.00	35.00
			1184477	382.28	383.28	1.00	0.10		4.00	595.00	1732.00
			1184478	383.28	384.50	1.22	0.03		1.00	94.00	138.00
			1184479	384.50	386.00	1.50	0.16		3.00	353.00	411.00
			1184481	386.00	387.00	1.00	0.11		2.00	145.00	257.00
			1184482	387.00	388.00	1.00	0.23		1.00	88.00	128.00
			1184483	388.00	389.13	1.13	0.14		0.50	53.00	97.00
389.13	404.63	BMS, Biotite Muscovite Schist	1184484	389.13	390.36	1.23	0.03		0.50	52.00	27.00
			1184485	398.80	400.30	1.50	0.11		3.00	166.00	387.00
			1184486	398.80	400.30	1.50	0.14		4.00	211.00	290.00
			1184487	403.13	404.63	1.50	0.01		0.50	41.00	45.00
404.63	407.34	MSS, Muscovite Sericite Schist	1184488	404.63	405.63	1.00	0.01		0.50	41.00	23.00
			1184489	405.63	406.63	1.00	0.02		1.00	81.00	61.00
			1184491	406.63	407.34	0.71	0.08		1.00	148.00	150.00
407.34	414.75	BMS, Biotite Muscovite Schist	1184492	407.34	408.84	1.50	0.04		0.50	68.00	78.00
			1184493	413.25	414.75	1.50	0.18		2.00	115.00	95.00
414.75	418.91	MSS, Muscovite Sericite Schist	1184494	414.75	415.75	1.00	0.13		2.00	58.00	42.00
			1184495	415.75	416.75	1.00	0.10		1.00	125.00	95.00
			1184496	416.75	417.75	1.00	0.17		0.50	59.00	26.00
			1184497	417.75	418.91	1.16	0.14		2.00	321.00	347.00
418.91	427.85	BMS, Biotite Muscovite Schist	1184498	418.91	420.41	1.50	0.08		3.00	432.00	664.00
			1184499	420.41	421.91	1.50	0.05		1.00	126.00	184.00
			1184501	421.91	423.41	1.50	0.22		3.00	1209.00	622.00
			1184502	423.41	424.91	1.50	0.05		0.50	79.00	61.00
			1184503	424.91	426.35	1.44	0.06		1.00	74.00	103.00
			1184504	426.35	427.85	1.50	0.06		2.00	65.00	80.00

## DETAILED LOG

Hole Number: TL11218

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
427.85	440.29	MSS, Muscovite Sericite Schist	1184505	427.85	428.85	1.00	0.02		0.50	103.00	110.00
			1184506	427.85	428.85	1.00	0.02		1.00	67.00	71.00
			1184507	428.85	429.85	1.00	0.02		0.50	81.00	79.00
			1184508	429.85	430.85	1.00	0.02		0.50	59.00	42.00
			1184509	430.85	431.85	1.00	0.01		1.00	60.00	42.00
			1184511	431.85	432.85	1.00	0.05		0.50	53.00	26.00
			1184512	432.85	433.85	1.00	0.05		0.50	63.00	175.00
			1184513	433.85	434.85	1.00	0.04		0.50	94.00	169.00
			1184514	434.85	435.85	1.00	0.07		1.00	102.00	220.00
			1184515	435.85	436.85	1.00	0.06		0.50	77.00	245.00
			1184516	436.85	437.85	1.00	0.04		1.00	67.00	159.00
			1184517	437.85	438.85	1.00	0.04		0.50	62.00	213.00
			1184518	438.85	440.29	1.44	0.21		1.00	204.00	344.00
440.29	453.52	BMS, Biotite Muscovite Schist	1184519	440.29	441.79	1.50	0.04		2.00	130.00	114.00
			1184521	441.79	443.02	1.23	0.10		2.00	415.00	1181.00
			1184522	443.02	444.52	1.50	0.06		0.50	69.00	105.00
			1184523	444.52	446.02	1.50	0.03		0.50	66.00	76.00
			1184524	446.02	447.52	1.50	0.47		2.00	94.00	1066.00
			1184525	447.52	449.02	1.50	0.12		2.00	132.00	497.00
			1184526	447.52	449.02	1.50	0.08		2.00	152.00	215.00
			1184527	449.02	450.52	1.50	0.12		2.00	248.00	508.00
			1184528	450.52	452.02	1.50	0.18		1.00	142.00	132.00
			1184529	452.02	453.52	1.50	1.41		2.00	180.00	210.00
453.52	465.00	MSS, Muscovite Sericite Schist	1184531	453.52	454.52	1.00	0.49		5.00	813.00	1629.00
			1184532	454.52	455.52	1.00	0.18		3.00	320.00	467.00
			1184533	455.52	456.52	1.00	0.13		2.00	127.00	100.00
			1184534	456.52	457.52	1.00	0.15		2.00	206.00	144.00
			1184535	457.52	458.52	1.00	0.16		2.00	130.00	2334.00
			1184536	458.52	459.52	1.00	0.48		3.00	105.00	998.00
			1184537	459.52	460.40	0.88	1.43		9.00	476.00	230.00
			1184538	460.40	460.90	0.50	0.38		3.00	131.00	119.00
			1184539	460.90	461.90	1.00	2.23		18.00	728.00	1342.00
			1184541	461.90	462.90	1.00	0.12		3.00	285.00	208.00
			1184542	462.90	463.90	1.00	0.17		4.00	131.00	95.00
			1184543	463.90	465.00	1.10	0.23		3.00	132.00	169.00

## DETAILED LOG

Hole Number: TL11218

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
465.00	477.90	BMS, Biotite Muscovite Schist	1184544	465.00	466.50	1.50	0.18		2.00	91.00	178.00
			1184545	466.50	468.00	1.50	0.10		1.00	54.00	89.00
			1184546	466.50	468.00	1.50	0.07		1.00	58.00	82.00
			1184547	468.00	469.50	1.50	0.04		0.50	44.00	68.00
			1184548	469.50	471.00	1.50	0.04		1.00	53.00	108.00
			1184549	471.00	472.50	1.50	0.15		1.00	65.00	85.00
			1184551	472.50	474.00	1.50	0.03		1.00	58.00	73.00
			1184552	474.00	474.90	0.90	0.11		2.00	69.00	103.00
			1184553	474.90	476.40	1.50	1.01		5.00	133.00	955.00
			1184554	476.40	477.90	1.50	0.40		4.00	97.00	133.00

# DETAILED LOG

Hole Number: TL11218

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
477.90	509.95	MSS, Muscovite Sericite Schist c zone	1184555	477.90	478.90	1.00	0.28		5.00	254.00	395.00
			1184556	478.90	479.90	1.00	0.28		4.00	161.00	416.00
			1184557	479.90	480.90	1.00	0.08		1.00	82.00	62.00
			1184558	480.90	481.90	1.00	0.04		1.00	82.00	93.00
			1184559	481.90	482.90	1.00	0.05		2.00	88.00	100.00
			1184561	482.90	483.90	1.00	0.02		1.00	81.00	145.00
			1184562	483.90	484.90	1.00	0.02		1.00	78.00	174.00
			1184563	484.90	485.90	1.00	0.11		1.00	145.00	644.00
			1184564	485.90	486.90	1.00	0.11		1.00	98.00	123.00
			1184565	486.90	487.90	1.00	0.09		1.00	132.00	164.00
			1184566	486.90	487.90	1.00	0.09		1.00	167.00	156.00
			1184567	487.90	488.90	1.00	0.05		1.00	56.00	52.00
			1184568	488.90	489.90	1.00	0.01		0.50	49.00	42.00
			1184569	489.90	490.90	1.00	0.01		0.50	45.00	39.00
			1184571	490.90	491.90	1.00	0.03		1.00	51.00	28.00
			1184572	491.90	492.90	1.00	0.02		3.00	53.00	46.00
			1184573	492.90	493.90	1.00	0.03		0.50	42.00	31.00
			1184574	493.90	494.90	1.00	0.02		0.50	32.00	43.00
			1184575	494.90	495.90	1.00	0.08		0.50	45.00	122.00
			1184576	495.90	496.90	1.00	0.06		0.50	51.00	113.00
			1184577	496.90	497.90	1.00	0.06		0.50	68.00	255.00
			1184578	497.90	498.90	1.00	0.16		2.00	199.00	639.00
			1184579	498.90	499.90	1.00	0.03		1.00	122.00	125.00
			1184581	499.90	500.90	1.00	0.01		0.50	62.00	46.00
			1184582	500.90	501.90	1.00	0.03		0.50	65.00	109.00
			1184583	501.90	502.90	1.00	0.03		0.50	93.00	38.00
			1184584	502.90	503.90	1.00	0.04		1.00	49.00	44.00
			1184586	503.90	504.90	1.00	1.13		1.00	51.00	48.00
1184585	503.90	504.90	1.00	0.09		1.00	47.00	49.00			
1184587	504.90	505.90	1.00	0.18		1.00	105.00	46.00			
1184588	505.90	506.90	1.00	0.04		0.50	46.00	36.00			
1184589	506.90	507.90	1.00	0.10		0.50	54.00	42.00			
1184591	507.90	508.90	1.00	0.54		3.00	343.00	2958.00			
1184592	508.90	509.95	1.05	0.30		2.00	345.00	904.00			
509.95	513.00	BMS, Biotite Muscovite Schist	1184593	509.95	511.45	1.50	0.02		0.50	84.00	98.00

**Samples**

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184381	241.96	243.46	0.0660		4.0000	374.0000	315.0000
1184382	243.46	244.50	0.0070		2.0000	54.0000	3453.0000
1184383	244.50	246.00	0.0130		2.0000	46.0000	58.0000

Hole Number: TL11218

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184384	246.00	247.50	0.0110		1.0000	54.0000	124.0000
1184385	247.50	249.00	0.0240		1.0000	38.0000	66.0000
1184387	249.00	250.50	0.0160		2.0000	43.0000	32.0000
1184388	250.50	252.00	0.0130		2.0000	54.0000	46.0000
1184389	252.00	253.50	0.0230		2.0000	55.0000	32.0000
1184391	253.50	255.00	0.0190		3.0000	43.0000	12.0000
1184392	255.00	256.86	0.0230		3.0000	48.0000	31.0000
1184393	256.86	258.36	0.0020		2.0000	57.0000	42.0000
1184394	287.62	289.12	0.1450		2.0000	246.0000	330.0000
1184395	289.12	290.12	0.2280		4.0000	754.0000	1706.0000
1184396	290.12	291.00	0.0190		2.0000	300.0000	337.0000
1184397	291.00	292.50	0.0160		1.0000	72.0000	120.0000
1184398	292.50	294.00	0.0160		1.0000	49.0000	488.0000
1184399	294.00	295.50	0.0230		0.5000	45.0000	34.0000
1184401	295.50	297.00	0.0230		0.5000	45.0000	38.0000
1184402	297.00	298.50	0.0650		0.5000	55.0000	67.0000
1184403	298.50	300.00	0.0210		0.5000	53.0000	61.0000
1184404	300.00	301.00	0.0320		1.0000	57.0000	58.0000
1184405	301.00	302.00	0.1470		2.0000	71.0000	3156.0000
1184407	302.00	303.00	0.0500		0.5000	45.0000	80.0000
1184408	303.00	304.50	0.0130		1.0000	59.0000	59.0000
1184409	304.50	306.00	0.0090		0.5000	63.0000	36.0000
1184411	306.00	307.50	0.0090		0.5000	101.0000	95.0000
1184412	307.50	309.00	0.0210		1.0000	214.0000	241.0000
1184413	309.00	310.00	0.0100		0.5000	75.0000	103.0000
1184414	310.00	311.04	0.0160		0.5000	47.0000	36.0000
1184415	311.04	312.54	0.0800		2.0000	247.0000	273.0000
1184416	322.00	323.00	0.1590		3.0000	525.0000	605.0000
1184417	323.00	324.00	0.0490		1.0000	95.0000	104.0000
1184418	324.00	325.50	0.0320		1.0000	73.0000	145.0000
1184419	325.50	327.00	0.3400		1.0000	69.0000	611.0000
1184421	327.00	328.17	0.0300		0.5000	58.0000	181.0000
1184422	328.17	329.17	0.0080		0.5000	49.0000	52.0000
1184423	329.17	330.50	0.0510		0.5000	68.0000	47.0000
1184424	330.50	331.50	0.0350		0.5000	77.0000	101.0000
1184425	331.50	333.00	0.0300		0.5000	69.0000	148.0000
1184427	333.00	334.00	0.1390		3.0000	774.0000	276.0000
1184428	334.00	335.00	0.0160		1.0000	77.0000	84.0000
1184429	335.00	336.00	0.0150		2.0000	113.0000	169.0000

Hole Number: TL11218

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184431	336.00	337.00	0.0330		2.0000	77.0000	210.0000
1184432	337.00	338.00	0.0830		1.0000	102.0000	24.0000
1184433	338.00	339.00	0.0970		3.0000	516.0000	773.0000
1184434	339.00	340.00	0.0800		2.0000	229.0000	290.0000
1184435	340.00	341.00	0.0330		0.5000	88.0000	46.0000
1184436	341.00	342.00	0.0320		1.0000	103.0000	123.0000
1184437	342.00	343.00	0.0480		1.0000	74.0000	115.0000
1184438	343.00	344.00	0.0550		2.0000	238.0000	315.0000
1184439	344.00	345.00	0.0580		0.5000	84.0000	61.0000
1184441	345.00	346.00	0.1270		1.0000	92.0000	162.0000
1184442	346.00	347.00	0.0460		1.0000	63.0000	43.0000
1184443	347.00	348.00	0.1770		3.0000	419.0000	440.0000
1184444	348.00	349.00	0.0510		2.0000	114.0000	84.0000
1184445	349.00	350.00	0.0540		4.0000	531.0000	43.0000
1184447	350.00	351.00	0.0420		1.0000	85.0000	242.0000
1184448	351.00	352.00	0.1960		1.0000	67.0000	90.0000
1184449	352.00	353.00	0.0450		1.0000	95.0000	92.0000
1184451	353.00	354.00	0.0610		2.0000	101.0000	184.0000
1184452	354.00	355.50	0.0330		2.0000	56.0000	59.0000
1184453	355.50	357.00	0.3170		2.0000	62.0000	66.0000
1184454	357.00	358.50	0.1550		2.0000	46.0000	36.0000
1184455	358.50	360.00	0.0500		1.0000	41.0000	42.0000
1184456	360.00	361.50	0.0940		1.0000	47.0000	51.0000
1184457	361.50	363.00	0.1080		4.0000	72.0000	81.0000
1184458	363.00	364.00	0.0600		1.0000	60.0000	92.0000
1184459	364.00	365.00	0.2120		2.0000	116.0000	155.0000
1184461	365.00	366.00	0.3760		1.0000	65.0000	83.0000
1184462	366.00	367.00	0.2720		1.0000	83.0000	112.0000
1184463	367.00	368.00	0.7500		1.0000	46.0000	78.0000
1184464	368.00	369.00	0.0610		1.0000	42.0000	31.0000
1184465	369.00	370.50	0.3540		1.0000	48.0000	80.0000
1184467	370.50	372.00	0.0810		1.0000	41.0000	54.0000
1184468	372.00	373.50	0.3540		2.0000	202.0000	145.0000
1184469	373.50	375.00	0.1070		0.5000	54.0000	21.0000
1184471	375.00	376.50	0.0590		2.0000	161.0000	76.0000
1184472	376.50	378.00	0.2780		1.0000	70.0000	88.0000
1184473	378.00	379.00	0.2340		1.0000	82.0000	76.0000
1184474	379.00	380.00	13.4930		3.0000	36.0000	23.0000
1184475	380.00	381.00	0.3960		1.0000	46.0000	44.0000



Hole Number: TL11218

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184476	381.00	382.28	0.5120		0.5000	48.0000	35.0000
1184477	382.28	383.28	0.1040		4.0000	595.0000	1732.0000
1184478	383.28	384.50	0.0280		1.0000	94.0000	138.0000
1184479	384.50	386.00	0.1630		3.0000	353.0000	411.0000
1184481	386.00	387.00	0.1060		2.0000	145.0000	257.0000
1184482	387.00	388.00	0.2280		1.0000	88.0000	128.0000
1184483	388.00	389.13	0.1380		0.5000	53.0000	97.0000
1184484	389.13	390.36	0.0270		0.5000	52.0000	27.0000
1184485	398.80	400.30	0.1120		3.0000	166.0000	387.0000
1184487	403.13	404.63	0.0110		0.5000	41.0000	45.0000
1184488	404.63	405.63	0.0070		0.5000	41.0000	23.0000
1184489	405.63	406.63	0.0190		1.0000	81.0000	61.0000
1184491	406.63	407.34	0.0810		1.0000	148.0000	150.0000
1184492	407.34	408.84	0.0430		0.5000	68.0000	78.0000
1184493	413.25	414.75	0.1800		2.0000	115.0000	95.0000
1184494	414.75	415.75	0.1290		2.0000	58.0000	42.0000
1184495	415.75	416.75	0.0980		1.0000	125.0000	95.0000
1184496	416.75	417.75	0.1670		0.5000	59.0000	26.0000
1184497	417.75	418.91	0.1380		2.0000	321.0000	347.0000
1184498	418.91	420.41	0.0820		3.0000	432.0000	664.0000
1184499	420.41	421.91	0.0470		1.0000	126.0000	184.0000
1184501	421.91	423.41	0.2160		3.0000	1209.0000	622.0000
1184502	423.41	424.91	0.0460		0.5000	79.0000	61.0000
1184503	424.91	426.35	0.0550		1.0000	74.0000	103.0000
1184504	426.35	427.85	0.0560		2.0000	65.0000	80.0000
1184505	427.85	428.85	0.0210		0.5000	103.0000	110.0000
1184507	428.85	429.85	0.0220		0.5000	81.0000	79.0000
1184508	429.85	430.85	0.0210		0.5000	59.0000	42.0000
1184509	430.85	431.85	0.0090		1.0000	60.0000	42.0000
1184511	431.85	432.85	0.0490		0.5000	53.0000	26.0000
1184512	432.85	433.85	0.0530		0.5000	63.0000	175.0000
1184513	433.85	434.85	0.0370		0.5000	94.0000	169.0000
1184514	434.85	435.85	0.0660		1.0000	102.0000	220.0000
1184515	435.85	436.85	0.0590		0.5000	77.0000	245.0000
1184516	436.85	437.85	0.0370		1.0000	67.0000	159.0000
1184517	437.85	438.85	0.0350		0.5000	62.0000	213.0000
1184518	438.85	440.29	0.2060		1.0000	204.0000	344.0000
1184519	440.29	441.79	0.0440		2.0000	130.0000	114.0000
1184521	441.79	443.02	0.0950		2.0000	415.0000	1181.0000

Hole Number: TL11218

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184522	443.02	444.52	0.0550		0.5000	69.0000	105.0000
1184523	444.52	446.02	0.0250		0.5000	66.0000	76.0000
1184524	446.02	447.52	0.4660		2.0000	94.0000	1066.0000
1184525	447.52	449.02	0.1230		2.0000	132.0000	497.0000
1184527	449.02	450.52	0.1200		2.0000	248.0000	508.0000
1184528	450.52	452.02	0.1820		1.0000	142.0000	132.0000
1184529	452.02	453.52	1.4130		2.0000	180.0000	210.0000
1184531	453.52	454.52	0.4920		5.0000	813.0000	1629.0000
1184532	454.52	455.52	0.1750		3.0000	320.0000	467.0000
1184533	455.52	456.52	0.1340		2.0000	127.0000	100.0000
1184534	456.52	457.52	0.1540		2.0000	206.0000	144.0000
1184535	457.52	458.52	0.1550		2.0000	130.0000	2334.0000
1184536	458.52	459.52	0.4790		3.0000	105.0000	998.0000
1184537	459.52	460.40	1.4270		9.0000	476.0000	230.0000
1184538	460.40	460.90	0.3750		3.0000	131.0000	119.0000
1184539	460.90	461.90	2.2250		18.0000	728.0000	1342.0000
1184541	461.90	462.90	0.1160		3.0000	285.0000	208.0000
1184542	462.90	463.90	0.1730		4.0000	131.0000	95.0000
1184543	463.90	465.00	0.2290		3.0000	132.0000	169.0000
1184544	465.00	466.50	0.1830		2.0000	91.0000	178.0000
1184545	466.50	468.00	0.0960		1.0000	54.0000	89.0000
1184547	468.00	469.50	0.0440		0.5000	44.0000	68.0000
1184548	469.50	471.00	0.0440		1.0000	53.0000	108.0000
1184549	471.00	472.50	0.1500		1.0000	65.0000	85.0000
1184551	472.50	474.00	0.0300		1.0000	58.0000	73.0000
1184552	474.00	474.90	0.1060		2.0000	69.0000	103.0000
1184553	474.90	476.40	1.0060		5.0000	133.0000	955.0000
1184554	476.40	477.90	0.4000		4.0000	97.0000	133.0000
1184555	477.90	478.90	0.2840		5.0000	254.0000	395.0000
1184556	478.90	479.90	0.2820		4.0000	161.0000	416.0000
1184557	479.90	480.90	0.0760		1.0000	82.0000	62.0000
1184558	480.90	481.90	0.0440		1.0000	82.0000	93.0000
1184559	481.90	482.90	0.0460		2.0000	88.0000	100.0000
1184561	482.90	483.90	0.0170		1.0000	81.0000	145.0000
1184562	483.90	484.90	0.0230		1.0000	78.0000	174.0000
1184563	484.90	485.90	0.1140		1.0000	145.0000	644.0000
1184564	485.90	486.90	0.1110		1.0000	98.0000	123.0000
1184565	486.90	487.90	0.0910		1.0000	132.0000	164.0000
1184567	487.90	488.90	0.0460		1.0000	56.0000	52.0000

Hole Number: TL11218

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184568	488.90	489.90	0.0080		0.5000	49.0000	42.0000
1184569	489.90	490.90	0.0080		0.5000	45.0000	39.0000
1184571	490.90	491.90	0.0260		1.0000	51.0000	28.0000
1184572	491.90	492.90	0.0210		3.0000	53.0000	46.0000
1184573	492.90	493.90	0.0260		0.5000	42.0000	31.0000
1184574	493.90	494.90	0.0150		0.5000	32.0000	43.0000
1184575	494.90	495.90	0.0750		0.5000	45.0000	122.0000
1184576	495.90	496.90	0.0560		0.5000	51.0000	113.0000
1184577	496.90	497.90	0.0610		0.5000	68.0000	255.0000
1184578	497.90	498.90	0.1550		2.0000	199.0000	639.0000
1184579	498.90	499.90	0.0250		1.0000	122.0000	125.0000
1184581	499.90	500.90	0.0130		0.5000	62.0000	46.0000
1184582	500.90	501.90	0.0250		0.5000	65.0000	109.0000
1184583	501.90	502.90	0.0250		0.5000	93.0000	38.0000
1184584	502.90	503.90	0.0400		1.0000	49.0000	44.0000
1184585	503.90	504.90	0.0870		1.0000	47.0000	49.0000
1184587	504.90	505.90	0.1810		1.0000	105.0000	46.0000
1184588	505.90	506.90	0.0420		0.5000	46.0000	36.0000
1184589	506.90	507.90	0.1030		0.5000	54.0000	42.0000
1184591	507.90	508.90	0.5350		3.0000	343.0000	2958.0000
1184592	508.90	509.95	0.3020		2.0000	345.0000	904.0000
1184593	509.95	511.45	0.0160		0.5000	84.0000	98.0000
Sample Type	CDUP						
1184386	247.50	249.00	0.0320		2.0000	36.0000	69.0000
1184406	301.00	302.00	0.1210		2.0000	70.0000	2419.0000
1184426	331.50	333.00	0.0500		0.5000	78.0000	151.0000
1184446	349.00	350.00	0.1300		6.0000	596.0000	60.0000
1184466	369.00	370.50	0.0640		0.5000	42.0000	31.0000
1184486	398.80	400.30	0.1410		4.0000	211.0000	290.0000
1184506	427.85	428.85	0.0180		1.0000	67.0000	71.0000
1184526	447.52	449.02	0.0750		2.0000	152.0000	215.0000
1184546	466.50	468.00	0.0720		1.0000	58.0000	82.0000
1184566	486.90	487.90	0.0930		1.0000	167.0000	156.0000
1184586	503.90	504.90	1.1300		1.0000	51.0000	48.0000

# DETAILED LOG

Hole Number: TL11219

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -55.00
Project Number: TMI-TL	North: 5512504.61	North:	Collar Az: 320.00
Location: Zealand Township	East: 529780.96	East:	Length: 369.00
	Elev: 400.14	Elev:	Start Depth: 0.00
Date Started: Jul 28, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed:	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 369.00

Comments: North east exploration hole.  
 Possible Main zone 149-169  
 Increased mineralization in strong areas and deformed old qz veins. Several 1-10mm stringers from 161.5-168.6  
  
 Possible C-zone 209-230  
 Some strong areas also have a pervasive fuchsite alteration. Three small intervals (<10cm) with increased mineralization of sph and/or cpy/gn

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	320.00	-57.00	EZ Sho	OK		12.00	322.00	-56.40	EZ Sho	OK	
51.00	323.50	-54.20	EZ Sho	OK		102.00	324.90	-51.90	EZ Sho	OK	
150.00	326.50	-47.10	EZ Sho	OK		201.00	325.80	-44.40	EZ Sho	OK	
255.00	327.40	-42.80	EZ Sho	OK		300.00	330.10	-41.70	EZ Sho	OK	
351.00	331.70	-41.00	EZ Sho	OK		369.00	332.30	-40.80	EZ Sho	OK	

Detailed Lithology					Assay Data								
From	To	Lithology			Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	4.50	OB, Overburden											
4.50	44.08	BMS, Biotite Muscovite Schist Typical BMS, weakly sr and weak to strong silicification. Weak mineralization with a few local sph stringers			1184594	12.50	13.50	1.00	0.05		0.50	529.00	806.00
					1184595	42.58	44.08	1.50	0.05		0.50	47.00	142.00

# DETAILED LOG

Hole Number: TL11219

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
44.08	77.33	MSS, Muscovite Sericite Schist	1184596	44.08	45.00	0.92	0.07		0.50	30.00	58.00
		MSS zone with weak foliation, abundant qz eyes, strong sr alteration. Weakly mineralized	1184597	45.00	46.50	1.50	0.02		0.50	28.00	50.00
			1184598	46.50	48.00	1.50	0.07		0.50	26.00	64.00
			1184599	48.00	49.50	1.50	0.03		0.50	32.00	47.00
			1184601	49.50	51.00	1.50	0.09		0.50	63.00	165.00
			1184602	51.00	52.50	1.50	0.04		0.50	45.00	161.00
			1184603	52.50	54.00	1.50	0.05		0.50	19.00	59.00
			1184604	54.00	55.50	1.50	0.02		0.50	21.00	59.00
			1184605	55.50	57.00	1.50	0.04		0.50	20.00	42.00
			1184606	55.50	57.00	1.50	0.03		0.50	15.00	42.00
			1184607	57.00	58.50	1.50	0.02		0.50	22.00	49.00
			1184608	58.50	60.00	1.50	0.01		0.50	22.00	98.00
			1184609	60.00	61.50	1.50	0.01		0.50	23.00	44.00
			1184611	61.50	63.00	1.50	0.01		0.50	25.00	55.00
			1184612	63.00	64.50	1.50	0.00		0.50	19.00	107.00
			1184613	64.50	66.00	1.50	0.01		0.50	38.00	130.00
			1184614	66.00	67.50	1.50	0.00		0.50	23.00	76.00
			1184615	67.50	69.00	1.50	0.00		0.50	23.00	59.00
			1184616	69.00	70.50	1.50	0.00		0.50	11.00	113.00
			1184617	70.50	72.00	1.50	0.00		0.50	13.00	61.00
			1184618	72.00	73.50	1.50	0.00		0.50	20.00	68.00
			1184619	73.50	75.00	1.50	0.02		0.50	121.00	392.00
	1184621	75.00	76.33	1.33	0.00		0.50	22.00	52.00		
	1184622	76.33	77.33	1.00	0.01		0.50	24.00	54.00		
77.33	106.06	BMS, Biotite Muscovite Schist Typical BMS, weak sr alt and mineralization	1184623	77.33	78.83	1.50	0.02		0.50	30.00	68.00
106.06	107.40	MD, Mafic Dyke Dark green, medium to coarse grained mafic dyke. Folded silicate bands within									
107.40	149.17	BMS, Biotite Muscovite Schist	1184624	147.67	149.17	1.50	0.02		0.50	31.00	58.00

DETAILED LOG

Hole Number: TL11219

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
149.17	168.60	MSS, Muscovite Sericite Schist	1184625	149.17	150.50	1.33	1.49		0.50	235.00	455.00
		MSS zone with strong sr alteration with a weak patch within from ~153-159.	1184626	149.17	150.50	1.33	0.86		0.50	150.00	164.00
		Increased mineralization in strong areas and deformed old qz veins. Several	1184627	150.50	151.50	1.00	4.21		2.00	88.00	445.00
		1-10mm stringers from 161.5-168.6	1184628	151.50	153.00	1.50	0.53		0.50	151.00	358.00
			1184629	153.00	154.50	1.50	0.06		0.50	41.00	73.00
			1184631	154.50	156.00	1.50	0.11		0.50	41.00	104.00
			1184632	156.00	157.50	1.50	0.08		0.50	49.00	80.00
			1184633	157.50	159.00	1.50	0.07		0.50	61.00	119.00
			1184634	159.00	160.00	1.00	1.07		0.50	92.00	102.00
			1184635	160.00	161.48	1.48	0.05		0.50	78.00	125.00
			1184636	161.48	162.48	1.00	0.18		2.00	737.00	2748.00
			1184637	162.48	164.00	1.52	0.07		0.50	74.00	282.00
			1184638	164.00	165.00	1.00	2.42		16.00	1183.00	1381.00
			1184639	165.00	166.00	1.00	0.03		0.50	62.00	77.00
			1184641	166.00	167.00	1.00	0.22		0.50	40.00	66.00
			1184642	167.00	168.60	1.60	0.05		0.50	41.00	97.00

## DETAILED LOG

Hole Number: TL11219

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
168.60	209.18	BMS, Biotite Muscovite Schist	1184643	168.60	170.00	1.40	0.13		0.50	45.00	95.00
		BMS zone with the first half looking like a typical BMS, lower half is more of a pervasive overall grey colour. Poorly mineralized. Several qz veins, some including fluorite (or amyth?) and some rare, small 1mm blue-green mineral (beryl/tourm?)	1184644	170.00	171.00	1.00	0.05		0.50	39.00	76.00
			1184645	171.00	172.50	1.50	0.07		0.50	39.00	96.00
			1184646	171.00	172.50	1.50	0.14		0.50	40.00	99.00
			1184647	172.50	174.00	1.50	0.04		0.50	46.00	81.00
			1184648	174.00	175.50	1.50	0.05		0.50	47.00	91.00
			1184649	175.50	177.00	1.50	0.06		0.50	57.00	101.00
			1184651	177.00	178.50	1.50	0.02		0.50	156.00	165.00
			1184652	178.50	180.00	1.50	0.02		0.50	34.00	128.00
			1184653	180.00	181.50	1.50	0.27		0.50	235.00	333.00
			1184654	181.50	183.00	1.50	0.03		0.50	35.00	140.00
			1184655	183.00	184.50	1.50	0.17		0.50	35.00	1065.00
			1184656	184.50	186.00	1.50	0.04		0.50	36.00	355.00
			1184657	186.00	187.50	1.50	0.02		0.50	35.00	172.00
			1184658	187.50	189.00	1.50	0.02		0.50	41.00	98.00
			1184659	189.00	190.50	1.50	0.03		0.50	118.00	261.00
			1184661	190.50	192.00	1.50	0.02		0.50	59.00	91.00
			1184662	192.00	193.50	1.50	0.02		0.50	45.00	70.00
			1184663	193.50	195.00	1.50	0.02		0.50	49.00	81.00
			1184664	195.00	196.50	1.50	0.02		0.50	120.00	136.00
			1184665	196.50	198.00	1.50	0.02		0.50	59.00	377.00
			1184666	196.50	198.00	1.50	0.02		0.50	56.00	282.00
			1184667	198.00	199.50	1.50	0.02		0.50	43.00	73.00
			1184668	199.50	201.00	1.50	0.02		0.50	27.00	81.00
			1184669	201.00	202.50	1.50	0.05		0.50	154.00	317.00
			1184671	202.50	204.00	1.50	0.04		0.50	269.00	703.00
			1184672	204.00	205.50	1.50	0.02		0.50	48.00	153.00
			1184673	205.50	207.00	1.50	0.48		0.50	51.00	762.00
			1184674	207.00	208.00	1.00	1.33		0.50	35.00	102.00
			1184675	208.00	209.18	1.18	0.04		0.50	47.00	187.00

## DETAILED LOG

Hole Number: TL11219

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
209.18	230.50	MSS, Muscovite Sericite Schist	1184676	209.18	210.68	1.50	0.52		0.50	31.00	231.00
		MSS zone with strong sr alteration with up to 1m weak patches. Some strong areas also have a pervasive fuchsite alteration. Three small intervals (<10cm) with increased mineralization of sph and/or cpy/gn	1184677	210.68	212.00	1.32	0.10		0.50	49.00	537.00
			1184678	212.00	213.00	1.00	0.10		0.50	110.00	203.00
			1184679	213.00	214.00	1.00	0.02		0.50	49.00	72.00
			1184681	214.00	215.00	1.00	0.03		0.50	59.00	73.00
			1184682	215.00	216.00	1.00	0.33		0.50	214.00	759.00
			1184683	216.00	216.80	0.80	0.73		0.50	111.00	224.00
			1184684	216.80	218.15	1.35	1.06		5.00	729.00	1591.00
			1184685	218.15	219.15	1.00	0.12		0.50	45.00	98.00
			1184686	218.15	219.15	1.00	0.12		0.50	42.00	92.00
			1184687	219.15	220.15	1.00	0.88		0.50	39.00	76.00
			1184688	220.15	221.15	1.00	0.08		0.50	83.00	579.00
			1184689	221.15	222.15	1.00	0.12		0.50	50.00	107.00
			1184691	222.15	223.35	1.20	0.30		0.50	59.00	103.00
			1184692	223.35	224.35	1.00	0.12		0.50	58.00	239.00
			1184693	224.35	225.35	1.00	1.20		0.50	504.00	1796.00
			1184694	225.35	226.35	1.00	0.07		0.50	113.00	224.00
			1184695	226.35	227.35	1.00	0.03		0.50	28.00	80.00
			1184696	227.35	228.35	1.00	0.02		0.50	28.00	113.00
			1184697	228.35	229.35	1.00	0.02		0.50	19.00	85.00
			1184698	229.35	230.50	1.15	0.03		0.50	32.00	59.00



# DETAILED LOG

Hole Number: TL11219

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
230.50	369.00	BMS, Biotite Muscovite Schist  Large typical BMS unit. Weak sr and moderate to strong si alteration. Increased chl-epi/silicate? banding/alteration from 281 - 295.50. Moderate sr alteration with increased mineralization from 312 -331.50	1184699	230.50	232.00	1.50	0.03		0.50	55.00	260.00
			1184701	243.00	244.50	1.50	0.02		0.50	18.00	70.00
			1184702	244.50	246.00	1.50	0.27		0.50	9.00	62.00
			1184703	246.00	247.50	1.50	0.01		0.50	13.00	55.00
			1184704	247.50	249.00	1.50	0.03		0.50	43.00	73.00
			1184705	249.00	250.50	1.50	0.04		0.50	44.00	94.00
			1184706	249.00	250.50	1.50	0.04		0.50	45.00	80.00
			1184707	250.50	252.00	1.50	0.05		0.50	54.00	140.00
			1184708	252.00	253.50	1.50	0.03		0.50	84.00	156.00
			1184709	253.50	255.00	1.50	0.07		0.50	483.00	824.00
			1184711	255.00	256.50	1.50	0.03		0.50	225.00	381.00
			1184712	256.50	258.00	1.50	0.09		1.00	833.00	1658.00
			1184713	258.00	259.50	1.50	0.20		0.50	41.00	90.00
			1184714	259.50	261.00	1.50	0.02		0.50	12.00	60.00
			1184715	261.00	262.50	1.50	0.04		0.50	50.00	156.00
			1184716	262.50	264.00	1.50	0.05		0.50	314.00	861.00
			1184717	312.00	313.50	1.50	0.02		0.50	38.00	71.00
			1184718	313.50	315.00	1.50	0.14		0.50	27.00	155.00
			1184719	315.00	316.50	1.50	0.13		0.50	32.00	82.00
			1184721	316.50	318.00	1.50	0.06		0.50	33.00	78.00
			1184722	318.00	319.50	1.50	0.04		0.50	28.00	67.00
			1184723	319.50	321.00	1.50	0.45		0.50	247.00	1318.00
			1184724	321.00	322.50	1.50	0.04		0.50	60.00	75.00
			1184725	322.50	324.00	1.50	0.02		0.50	35.00	52.00
			1184726	322.50	324.00	1.50	0.03		0.50	33.00	47.00
			1184727	324.00	325.50	1.50	0.03		0.50	22.00	83.00
			1184728	325.50	327.00	1.50	0.01		0.50	19.00	59.00
			1184729	327.00	328.50	1.50	0.01		0.50	17.00	79.00
			1184731	328.50	330.00	1.50	0.04		0.50	31.00	99.00
			1184732	330.00	331.50	1.50	0.13		0.50	38.00	584.00
			1184733	343.50	344.50	1.00	0.04		0.50	20.00	959.00

**Samples**

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184594	12.50	13.50	0.0540		0.5000	529.0000	806.0000
1184595	42.58	44.08	0.0470		0.5000	47.0000	142.0000
1184596	44.08	45.00	0.0680		0.5000	30.0000	58.0000
1184597	45.00	46.50	0.0200		0.5000	28.0000	50.0000
1184598	46.50	48.00	0.0660		0.5000	26.0000	64.0000
1184599	48.00	49.50	0.0260		0.5000	32.0000	47.0000
1184601	49.50	51.00	0.0910		0.5000	63.0000	165.0000

Hole Number: TL11219

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184602	51.00	52.50	0.0440		0.5000	45.0000	161.0000
1184603	52.50	54.00	0.0480		0.5000	19.0000	59.0000
1184604	54.00	55.50	0.0200		0.5000	21.0000	59.0000
1184605	55.50	57.00	0.0400		0.5000	20.0000	42.0000
1184607	57.00	58.50	0.0170		0.5000	22.0000	49.0000
1184608	58.50	60.00	0.0070		0.5000	22.0000	98.0000
1184609	60.00	61.50	0.0130		0.5000	23.0000	44.0000
1184611	61.50	63.00	0.0060		0.5000	25.0000	55.0000
1184612	63.00	64.50	0.0030		0.5000	19.0000	107.0000
1184613	64.50	66.00	0.0050		0.5000	38.0000	130.0000
1184614	66.00	67.50	0.0005		0.5000	23.0000	76.0000
1184615	67.50	69.00	0.0005		0.5000	23.0000	59.0000
1184616	69.00	70.50	0.0005		0.5000	11.0000	113.0000
1184617	70.50	72.00	0.0005		0.5000	13.0000	61.0000
1184618	72.00	73.50	0.0005		0.5000	20.0000	68.0000
1184619	73.50	75.00	0.0170		0.5000	121.0000	392.0000
1184621	75.00	76.33	0.0040		0.5000	22.0000	52.0000
1184622	76.33	77.33	0.0080		0.5000	24.0000	54.0000
1184623	77.33	78.83	0.0150		0.5000	30.0000	68.0000
1184624	147.67	149.17	0.0170		0.5000	31.0000	58.0000
1184625	149.17	150.50	1.4870		0.5000	235.0000	455.0000
1184627	150.50	151.50	4.2050		2.0000	88.0000	445.0000
1184628	151.50	153.00	0.5250		0.5000	151.0000	358.0000
1184629	153.00	154.50	0.0590		0.5000	41.0000	73.0000
1184631	154.50	156.00	0.1120		0.5000	41.0000	104.0000
1184632	156.00	157.50	0.0840		0.5000	49.0000	80.0000
1184633	157.50	159.00	0.0650		0.5000	61.0000	119.0000
1184634	159.00	160.00	1.0660		0.5000	92.0000	102.0000
1184635	160.00	161.48	0.0450		0.5000	78.0000	125.0000
1184636	161.48	162.48	0.1800		2.0000	737.0000	2748.0000
1184637	162.48	164.00	0.0650		0.5000	74.0000	282.0000
1184638	164.00	165.00	2.4240		16.0000	1183.0000	1381.0000
1184639	165.00	166.00	0.0260		0.5000	62.0000	77.0000
1184641	166.00	167.00	0.2230		0.5000	40.0000	66.0000
1184642	167.00	168.60	0.0500		0.5000	41.0000	97.0000
1184643	168.60	170.00	0.1260		0.5000	45.0000	95.0000
1184644	170.00	171.00	0.0510		0.5000	39.0000	76.0000
1184645	171.00	172.50	0.0720		0.5000	39.0000	96.0000
1184647	172.50	174.00	0.0430		0.5000	46.0000	81.0000

Hole Number: TL11219

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184648	174.00	175.50	0.0480		0.5000	47.0000	91.0000
1184649	175.50	177.00	0.0640		0.5000	57.0000	101.0000
1184651	177.00	178.50	0.0210		0.5000	156.0000	165.0000
1184652	178.50	180.00	0.0220		0.5000	34.0000	128.0000
1184653	180.00	181.50	0.2680		0.5000	235.0000	333.0000
1184654	181.50	183.00	0.0300		0.5000	35.0000	140.0000
1184655	183.00	184.50	0.1670		0.5000	35.0000	1065.0000
1184656	184.50	186.00	0.0400		0.5000	36.0000	355.0000
1184657	186.00	187.50	0.0190		0.5000	35.0000	172.0000
1184658	187.50	189.00	0.0190		0.5000	41.0000	98.0000
1184659	189.00	190.50	0.0310		0.5000	118.0000	261.0000
1184661	190.50	192.00	0.0220		0.5000	59.0000	91.0000
1184662	192.00	193.50	0.0230		0.5000	45.0000	70.0000
1184663	193.50	195.00	0.0240		0.5000	49.0000	81.0000
1184664	195.00	196.50	0.0160		0.5000	120.0000	136.0000
1184665	196.50	198.00	0.0210		0.5000	59.0000	377.0000
1184667	198.00	199.50	0.0200		0.5000	43.0000	73.0000
1184668	199.50	201.00	0.0240		0.5000	27.0000	81.0000
1184669	201.00	202.50	0.0530		0.5000	154.0000	317.0000
1184671	202.50	204.00	0.0370		0.5000	269.0000	703.0000
1184672	204.00	205.50	0.0230		0.5000	48.0000	153.0000
1184673	205.50	207.00	0.4780		0.5000	51.0000	762.0000
1184674	207.00	208.00	1.3330		0.5000	35.0000	102.0000
1184675	208.00	209.18	0.0380		0.5000	47.0000	187.0000
1184676	209.18	210.68	0.5180		0.5000	31.0000	231.0000
1184677	210.68	212.00	0.1010		0.5000	49.0000	537.0000
1184678	212.00	213.00	0.1040		0.5000	110.0000	203.0000
1184679	213.00	214.00	0.0220		0.5000	49.0000	72.0000
1184681	214.00	215.00	0.0280		0.5000	59.0000	73.0000
1184682	215.00	216.00	0.3250		0.5000	214.0000	759.0000
1184683	216.00	216.80	0.7290		0.5000	111.0000	224.0000
1184684	216.80	218.15	1.0640		5.0000	729.0000	1591.0000
1184685	218.15	219.15	0.1210		0.5000	45.0000	98.0000
1184687	219.15	220.15	0.8780		0.5000	39.0000	76.0000
1184688	220.15	221.15	0.0750		0.5000	83.0000	579.0000
1184689	221.15	222.15	0.1200		0.5000	50.0000	107.0000
1184691	222.15	223.35	0.2950		0.5000	59.0000	103.0000
1184692	223.35	224.35	0.1220		0.5000	58.0000	239.0000
1184693	224.35	225.35	1.2010		0.5000	504.0000	1796.0000

Hole Number: TL11219

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184694	225.35	226.35	0.0720		0.5000	113.0000	224.0000
1184695	226.35	227.35	0.0270		0.5000	28.0000	80.0000
1184696	227.35	228.35	0.0170		0.5000	28.0000	113.0000
1184697	228.35	229.35	0.0170		0.5000	19.0000	85.0000
1184698	229.35	230.50	0.0300		0.5000	32.0000	59.0000
1184699	230.50	232.00	0.0250		0.5000	55.0000	260.0000
1184701	243.00	244.50	0.0200		0.5000	18.0000	70.0000
1184702	244.50	246.00	0.2730		0.5000	9.0000	62.0000
1184703	246.00	247.50	0.0130		0.5000	13.0000	55.0000
1184704	247.50	249.00	0.0330		0.5000	43.0000	73.0000
1184705	249.00	250.50	0.0390		0.5000	44.0000	94.0000
1184707	250.50	252.00	0.0470		0.5000	54.0000	140.0000
1184708	252.00	253.50	0.0250		0.5000	84.0000	156.0000
1184709	253.50	255.00	0.0740		0.5000	483.0000	824.0000
1184711	255.00	256.50	0.0310		0.5000	225.0000	381.0000
1184712	256.50	258.00	0.0900		1.0000	833.0000	1658.0000
1184713	258.00	259.50	0.2020		0.5000	41.0000	90.0000
1184714	259.50	261.00	0.0220		0.5000	12.0000	60.0000
1184715	261.00	262.50	0.0420		0.5000	50.0000	156.0000
1184716	262.50	264.00	0.0520		0.5000	314.0000	861.0000
1184717	312.00	313.50	0.0170		0.5000	38.0000	71.0000
1184718	313.50	315.00	0.1380		0.5000	27.0000	155.0000
1184719	315.00	316.50	0.1290		0.5000	32.0000	82.0000
1184721	316.50	318.00	0.0590		0.5000	33.0000	78.0000
1184722	318.00	319.50	0.0440		0.5000	28.0000	67.0000
1184723	319.50	321.00	0.4470		0.5000	247.0000	1318.0000
1184724	321.00	322.50	0.0420		0.5000	60.0000	75.0000
1184725	322.50	324.00	0.0200		0.5000	35.0000	52.0000
1184727	324.00	325.50	0.0280		0.5000	22.0000	83.0000
1184728	325.50	327.00	0.0090		0.5000	19.0000	59.0000
1184729	327.00	328.50	0.0120		0.5000	17.0000	79.0000
1184731	328.50	330.00	0.0360		0.5000	31.0000	99.0000
1184732	330.00	331.50	0.1340		0.5000	38.0000	584.0000
1184733	343.50	344.50	0.0410		0.5000	20.0000	959.0000
Sample Type	CDUP						
1184606	55.50	57.00	0.0260		0.5000	15.0000	42.0000
1184626	149.17	150.50	0.8560		0.5000	150.0000	164.0000
1184646	171.00	172.50	0.1420		0.5000	40.0000	99.0000
1184666	196.50	198.00	0.0200		0.5000	56.0000	282.0000

Hole Number: TL11219

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	CDUP						
1184686	218.15	219.15	0.1180		0.5000	42.0000	92.0000
1184706	249.00	250.50	0.0410		0.5000	45.0000	80.0000
1184726	322.50	324.00	0.0320		0.5000	33.0000	47.0000

# DETAILED LOG

Hole Number: TL11220

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -65.00
Project Number: TMI-TL	North: 5511660.43	North:	Collar Az: 5.00
Location: Zealand Township	East: 527611.30	East:	Length: 479.00
	Elev: 394.77	Elev:	Start Depth: 0.00
Date Started: Sep 06, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Sep 15, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 479.00

Comments: MAIN ZONE 274-320m  
 C-ZONE 387-420m  
 RQD intervals 9-12m & 432-435m not included due to block errors. Data exceeds limits.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	0.50	-65.00	EZ Sho	OK		12.00	0.90	-64.00	EZ Sho	OK	
51.00	1.60	-62.00	EZ Sho	OK		102.00	3.80	-60.90	EZ Sho	OK	
153.00	7.60	-59.90	EZ Sho	OK		201.00	9.80	-58.30	EZ Sho	OK	
252.00	9.10	-55.20	EZ Sho	OK		303.00	7.80	-52.30	EZ Sho	OK	
354.00	9.60	-51.20	EZ Sho	OK		402.00	9.90	-50.10	EZ Sho	OK	
456.00	9.90	-47.70	EZ Sho	OK		479.00	11.20	-47.20	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	4.17	OB, Overburden									
4.17	170.50	BMS, Biotite Muscovite Schist	1226446	156.00	157.50	1.50	0.05		0.50	42.00	167.00
			1226447	157.50	159.00	1.50	0.04		0.50	329.00	628.00
			1226448	159.00	160.00	1.00	0.02		0.50	156.00	924.00
			1226449	160.00	161.00	1.00	0.02		0.50	36.00	87.00
			1226451	161.00	162.00	1.00	0.08		0.50	34.00	148.00
			1226452	162.00	163.50	1.50	0.18		0.50	54.00	418.00
			1226453	163.50	165.00	1.50	0.16		0.50	104.00	380.00
			1226454	165.00	165.50	0.50	1.07		10.00	158.00	3463.00
			1226456	165.50	166.00	0.50	0.48		1.00	51.00	443.00
			1226455	165.50	166.00	0.50	0.16		0.50	57.00	450.00
			1226457	166.00	167.00	1.00	0.04		0.50	22.00	84.00
			1226458	167.00	168.00	1.00	0.04		0.50	83.00	717.00
			1226459	168.00	169.00	1.00	0.04		0.50	34.00	87.00
			1226461	169.00	170.50	1.50	0.40		0.50	186.00	186.00

## DETAILED LOG

Hole Number: TL11220

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
170.50	182.85	MSS, Muscovite Sericite Schist	1226462	170.50	172.00	1.50	0.14		0.50	45.00	179.00
			1226463	172.00	173.50	1.50	0.03		0.50	77.00	106.00
			1226464	173.50	174.50	1.00	0.67		14.00	4719.00	3064.00
			1226465	174.50	175.50	1.00	0.04		0.50	152.00	118.00
			1226466	175.50	176.50	1.00	0.08		0.50	87.00	242.00
			1226467	176.50	177.50	1.00	0.04		0.50	88.00	144.00
			1226468	177.50	178.50	1.00	0.06		1.00	313.00	643.00
			1226469	178.50	179.50	1.00	0.02		0.50	312.00	1075.00
			1226471	179.50	180.20	0.70	0.02		0.50	242.00	188.00
			1226472	180.20	180.70	0.50	0.16		2.00	397.00	2903.00
			1226473	180.70	181.70	1.00	0.01		0.50	86.00	240.00
			1226474	181.70	182.85	1.15	0.02		0.50	139.00	233.00
182.85	191.94	MSS, Muscovite Sericite Schist	1226475	182.85	183.85	1.00	0.00		0.50	28.00	195.00
			1226476	182.85	183.85	1.00	0.00		0.50	27.00	271.00
			1226477	183.85	184.85	1.00	0.00		0.50	17.00	50.00
			1226478	184.85	185.85	1.00	0.01		0.50	27.00	43.00
			1226479	185.85	186.85	1.00	0.01		0.50	22.00	129.00
			1226481	186.85	187.85	1.00	0.01		2.00	25.00	37.00
			1226482	187.85	188.85	1.00	0.01		0.50	20.00	31.00
			1226483	188.85	189.85	1.00	0.01		0.50	17.00	13.00
			1226484	189.85	190.85	1.00	0.01		1.00	25.00	86.00
			1226485	190.85	191.35	0.50	0.02		0.50	47.00	76.00
			1226486	191.35	191.94	0.59	0.03		0.50	33.00	115.00
			191.94	194.10	BMS, Biotite Muscovite Schist	1226487	191.94	193.44	1.50	0.02	
194.10	194.89	MD, Mafic Dyke									
194.89	210.48	BMS, Biotite Muscovite Schist	1226488	208.98	210.48	1.50	0.02		0.50	41.00	126.00

## DETAILED LOG

Hole Number: TL11220

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
210.48	227.23	MSS, Muscovite Sericite Schist	1226489	210.48	211.48	1.00	0.03		0.50	54.00	170.00
			1226491	211.48	212.20	0.72	0.04		1.00	83.00	118.00
			1226492	212.20	213.00	0.80	2.13		5.00	1249.00	1536.00
			1226493	213.00	214.00	1.00	0.20		0.50	353.00	422.00
			1226494	214.00	215.00	1.00	0.07		0.50	53.00	125.00
			1226495	215.00	215.70	0.70	0.07		0.50	95.00	217.00
			1226496	215.00	215.70	0.70	0.05		0.50	94.00	172.00
			1226497	215.70	216.20	0.50	0.11		0.50	213.00	299.00
			1226498	216.20	217.20	1.00	0.06		0.50	59.00	75.00
			1226499	217.20	218.20	1.00	0.04		2.00	54.00	141.00
			1226501	218.20	219.20	1.00	0.06		1.00	52.00	119.00
			1226502	219.20	220.20	1.00	0.02		0.50	41.00	65.00
			1226503	220.20	221.20	1.00	0.11		0.50	130.00	304.00
			1226504	221.20	222.20	1.00	0.04		0.50	94.00	196.00
			1226505	222.20	223.20	1.00	0.44		23.00	987.00	2018.00
			1226506	223.20	224.20	1.00	0.05		0.50	87.00	112.00
			1226507	224.20	225.20	1.00	0.05		0.50	55.00	81.00
1226508	225.20	226.20	1.00	0.03		0.50	104.00	698.00			
1226509	226.20	227.23	1.03	0.03		0.50	39.00	163.00			
227.23	234.32	BMS, Biotite Muscovite Schist	1226511	227.23	228.73	1.50	0.02		1.00	17.00	89.00
			1226512	228.73	230.23	1.50	0.01		0.50	22.00	88.00
			1226513	230.23	231.73	1.50	0.00		0.50	31.00	48.00
			1226514	231.73	232.82	1.09	0.01		0.50	41.00	59.00
			1226515	232.82	234.32	1.50	0.01		0.50	10.00	41.00
234.32	238.48	MSS, Muscovite Sericite Schist	1226516	234.32	234.32	0.00	0.01		0.50	13.00	41.00
			1226517	234.32	235.32	1.00	0.07		1.00	31.00	191.00
			1226518	235.32	236.32	1.00	0.26		0.50	42.00	489.00
			1226519	236.32	237.32	1.00	0.10		0.50	44.00	485.00
			1226521	237.32	238.48	1.16	0.02		0.50	36.00	66.00
238.48	244.48	BMS, Biotite Muscovite Schist	1226522	238.48	239.98	1.50	0.01		0.50	23.00	56.00
			1226523	239.98	241.48	1.50	0.04		0.50	36.00	51.00
			1226524	241.48	242.48	1.00	0.01		0.50	50.00	57.00
			1226525	242.48	243.48	1.00	0.01		0.50	66.00	125.00
			1226526	243.48	244.48	1.00	0.01		0.50	101.00	78.00
244.48	257.53	BS, Biotite Schist	1226527	244.48	245.48	1.00	0.18		0.50	77.00	109.00
			1226528	256.03	257.53	1.50	2.48		0.50	35.00	73.00



DETAILED LOG

Hole Number: TL11220

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
257.53	274.26	BMS, Biotite Muscovite Schist	1226529	257.53	259.00	1.47	0.01		0.50	45.00	89.00
			1226531	259.00	260.50	1.50	0.02		4.00	545.00	331.00
			1226532	260.50	262.00	1.50	0.06		3.00	178.00	283.00
			1226533	262.00	263.50	1.50	0.03		0.50	48.00	67.00
			1226534	263.50	264.50	1.00	0.03		0.50	57.00	105.00
			1226535	264.50	266.00	1.50	0.02		0.50	42.00	44.00
			1226536	264.50	266.00	1.50	0.05		0.50	37.00	35.00
			1226537	266.00	267.50	1.50	0.03		1.00	60.00	103.00
			1226538	267.50	268.76	1.26	0.04		0.50	33.00	62.00
			1226539	268.76	269.76	1.00	0.10		0.50	38.00	72.00
			1226541	269.76	271.26	1.50	0.03		0.50	30.00	44.00
			1226542	271.26	272.76	1.50	0.03		0.50	57.00	132.00
			1226543	272.76	274.26	1.50	0.14		0.50	40.00	85.00

DETAILED LOG

Hole Number: TL11220

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
274.26	320.24	MSS, Muscovite Sericite Schist MAIN-ZONE MSS.	1226544	274.26	274.76	0.50	1.11		0.50	204.00	4937.00
			1226545	274.76	275.76	1.00	0.10		0.50	62.00	211.00
			1226546	275.76	276.76	1.00	0.07		0.50	91.00	120.00
			1226547	276.76	277.76	1.00	0.20		0.50	80.00	49.00
			1226548	277.76	278.76	1.00	1.17		0.50	118.00	128.00
			1226549	278.76	279.76	1.00	0.17		0.50	384.00	1113.00
			1226551	279.76	280.30	0.54	0.18		0.50	229.00	189.00
			1226552	280.30	280.80	0.50	3.10		7.00	1374.00	2807.00
			1226553	280.80	281.80	1.00	0.06		0.50	70.00	105.00
			1226554	281.80	282.80	1.00	0.04		0.50	31.00	50.00
			1226555	282.80	283.67	0.87	0.02		0.50	23.00	28.00
			1226556	282.80	283.67	0.87	0.02		0.50	19.00	28.00
			1226557	283.67	284.38	0.71	0.09		1.00	35.00	54.00
			1226558	284.38	285.18	0.80	0.05		0.50	35.00	56.00
			1226559	285.18	286.18	1.00	0.13		0.50	33.00	55.00
			1226561	286.18	287.18	1.00	0.04		0.50	26.00	60.00
			1226562	287.18	288.18	1.00	0.88		0.50	24.00	36.00
			1226563	288.18	289.18	1.00	0.24		0.50	25.00	61.00
			1226564	289.18	290.18	1.00	0.16		1.00	31.00	77.00
			1226565	290.18	291.18	1.00	0.05		0.50	27.00	68.00
			1226566	291.18	292.18	1.00	0.05		0.50	19.00	43.00
			1226567	292.18	293.18	1.00	0.11		0.50	22.00	60.00
			1226568	293.18	294.18	1.00	0.38		0.50	50.00	62.00
			1226569	294.18	295.18	1.00	0.25		0.50	27.00	76.00
			1226571	295.18	296.18	1.00	0.08		0.50	25.00	50.00
			1226572	296.18	297.18	1.00	0.04		0.50	28.00	45.00
			1226573	297.18	298.18	1.00	0.03		0.50	43.00	121.00
			1226574	298.18	299.18	1.00	0.38		0.50	335.00	514.00
			1226575	299.18	300.18	1.00	0.06		0.50	55.00	94.00
			1226576	299.18	300.18	1.00	0.06		2.00	47.00	88.00
			1226577	300.18	301.18	1.00	0.07		0.50	25.00	45.00
			1226578	301.18	302.18	1.00	0.92		0.50	30.00	62.00
			1226579	302.18	303.18	1.00	0.14		0.50	27.00	46.00
			1226581	303.18	304.18	1.00	0.34		0.50	49.00	101.00
			1226582	304.18	305.18	1.00	0.03		0.50	58.00	145.00
			1226583	305.18	306.18	1.00	0.16		0.50	44.00	66.00
			1226584	306.18	307.18	1.00	0.10		0.50	29.00	53.00
			1226585	307.18	308.18	1.00	0.13		0.50	22.00	31.00
			1226586	308.18	309.18	1.00	0.04		0.50	43.00	58.00
			1226587	309.18	310.18	1.00	0.08		0.50	88.00	173.00
			1226588	310.18	311.18	1.00	0.03		0.50	36.00	71.00
			1226589	311.18	312.18	1.00	0.01		0.50	26.00	89.00
			1226591	312.18	313.18	1.00	0.07		3.00	241.00	138.00

# DETAILED LOG

Hole Number: TL11220

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1226592	313.18	314.18	1.00	0.03		0.50	23.00	27.00
			1226593	314.18	314.78	0.60	0.03		0.50	36.00	60.00
			1226594	314.78	315.78	1.00	0.14		0.50	33.00	58.00
			1226595	315.78	316.78	1.00	0.27		0.50	117.00	928.00
			1226596	315.78	316.78	1.00	0.36		0.50	141.00	450.00
			1226597	316.78	317.28	0.50	0.30		3.00	547.00	113.00
			1226598	317.28	317.88	0.60	0.03		0.50	418.00	820.00
			1226599	317.88	318.88	1.00	0.06		0.50	42.00	98.00
			1226601	318.88	319.74	0.86	0.22		0.50	24.00	45.00
			1226602	319.74	320.24	0.50	0.07		0.50	26.00	56.00

## DETAILED LOG

Hole Number: TL11220

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
320.24	387.00	BMS, Biotite Muscovite Schist	1226603	320.24	321.74	1.50	0.05		0.50	37.00	62.00
			1226604	321.74	323.14	1.40	0.02		0.50	29.00	40.00
			1226605	323.14	324.14	1.00	0.02		0.50	21.00	163.00
			1226606	324.14	325.64	1.50	0.01		0.50	26.00	251.00
			1226607	325.64	327.14	1.50	0.01		0.50	28.00	127.00
			1226608	327.14	328.64	1.50	0.01		0.50	14.00	75.00
			1226609	328.64	329.64	1.00	0.01		0.50	30.00	44.00
			1226611	329.64	330.64	1.00	0.01		0.50	24.00	65.00
			1226612	330.64	332.14	1.50	0.01		0.50	30.00	90.00
			1226613	332.14	333.64	1.50	0.00		0.50	22.00	53.00
			1226614	333.64	335.14	1.50	0.00		0.50	14.00	35.00
			1226615	335.14	336.64	1.50	0.00		0.50	14.00	36.00
			1226616	335.14	336.64	1.50	0.00		0.50	11.00	33.00
			1226617	336.64	338.14	1.50	0.00		0.50	10.00	38.00
			1226618	338.14	339.64	1.50	0.00		0.50	19.00	83.00
			1226619	339.64	340.64	1.00	0.02		0.50	114.00	268.00
			1226621	340.64	342.14	1.50	0.03		0.50	79.00	98.00
			1226622	342.14	343.64	1.50	0.01		0.50	53.00	91.00
			1226623	343.64	344.64	1.00	0.02		0.50	40.00	103.00
			1226624	344.64	345.64	1.00	0.01		0.50	58.00	164.00
			1226625	345.64	346.64	1.00	5.96	4.52	2.00	1213.00	2748.00
			1226626	346.64	348.14	1.50	17.89	11.45	0.50	443.00	476.00
			1226627	348.14	349.64	1.50	1.54		0.50	247.00	376.00
			1226628	349.64	351.14	1.50	0.17		0.50	43.00	65.00
			1226629	351.14	352.64	1.50	0.06		0.50	224.00	189.00
			1226631	373.00	374.50	1.50	0.04		0.50	514.00	615.00
			1226632	374.50	376.00	1.50	0.02		0.50	94.00	350.00
			1226633	376.00	377.50	1.50	0.05		0.50	33.00	66.00
			1226634	377.50	379.00	1.50	0.50		0.50	59.00	83.00
			1226636	379.00	380.50	1.50	0.03		0.50	53.00	103.00
			1226635	379.00	380.50	1.50	0.04		0.50	51.00	107.00
			1226637	380.50	382.00	1.50	0.07		0.50	144.00	1689.00
			1226638	382.00	383.50	1.50	0.05		0.50	171.00	651.00
			1226639	383.50	385.00	1.50	0.08		0.50	148.00	1648.00
			1226641	385.00	386.00	1.00	0.90		8.00	2084.00	3378.00
			1226642	386.00	387.00	1.00	0.06		0.50	526.00	1402.00

# DETAILED LOG

Hole Number: TL11220

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
387.00	420.42	MSS, Muscovite Sericite Schist C-ZONE MSS.	1226643	387.00	388.00	1.00	0.19		4.00	505.00	3519.00
			1226644	388.00	389.00	1.00	1.41		3.00	206.00	2168.00
			1226645	389.00	390.00	1.00	1.89		6.00	386.00	208.00
			1226646	390.00	391.00	1.00	0.52		4.00	675.00	473.00
			1226647	391.00	392.33	1.33	0.16		0.50	103.00	317.00
			1226648	392.33	393.33	1.00	0.32		12.00	2123.00	4009.00
			1226649	393.33	393.83	0.50	50.32	26.42	35.00	5586.00	5530.00
			1226651	393.83	395.33	1.50	0.07		1.00	360.00	332.00
			1226652	395.33	396.33	1.00	0.07		0.50	104.00	150.00
			1226653	396.33	397.33	1.00	0.12		0.50	166.00	189.00
			1226654	397.33	398.50	1.17	0.15		0.50	137.00	472.00
			1226655	398.50	399.00	0.50	0.07		0.50	152.00	224.00
			1226656	398.50	399.00	0.50	0.05		0.50	153.00	182.00
			1226657	399.00	400.50	1.50	0.18		0.50	153.00	207.00
			1226658	400.50	402.00	1.50	0.44		0.50	111.00	175.00
			1226659	402.00	403.00	1.00	0.04		0.50	74.00	116.00
			1226661	403.00	404.00	1.00	1.53		15.00	1208.00	270.00
			1226662	404.00	405.00	1.00	0.05		0.50	153.00	110.00
			1226663	405.00	406.00	1.00	0.07		0.50	73.00	97.00
			1226664	406.00	407.00	1.00	0.10		0.50	76.00	77.00
			1226665	407.00	408.00	1.00	0.06		0.50	75.00	281.00
			1226666	408.00	409.00	1.00	0.02		0.50	64.00	118.00
			1226667	409.00	410.00	1.00	0.21		2.00	235.00	224.00
			1226668	410.00	411.00	1.00	0.24		0.50	179.00	1949.00
			1226669	411.00	412.00	1.00	0.03		0.50	78.00	96.00
			1226671	412.00	413.46	1.46	0.07		0.50	120.00	157.00
			1226672	413.46	413.96	0.50	90.30	73.11	174.00	12261.00	8189.00
			1226673	413.96	414.96	1.00	4.78		25.00	1419.00	1110.00
			1226674	414.96	416.00	1.04	0.15		0.50	171.00	257.00
1226675	416.00	417.00	1.00	3.22		8.00	617.00	1078.00			
1226676	416.00	417.00	1.00	1.90		7.00	510.00	926.00			
1226677	417.00	418.00	1.00	0.59		0.50	194.00	391.00			
1226678	418.00	419.00	1.00	0.36		0.50	72.00	252.00			
1226679	419.00	420.42	1.42	0.97		0.50	130.00	278.00			
420.42	479.00	BMS, Biotite Muscovite Schist	1226681	420.42	421.92	1.50	0.16		0.50	171.00	145.00
			1226682	465.85	467.50	1.65	0.15		0.50	292.00	699.00

**Samples**

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226446	156.00	157.50	0.0480		0.5000	42.0000	167.0000
1226447	157.50	159.00	0.0350		0.5000	329.0000	628.0000

Hole Number: TL11220

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226448	159.00	160.00	0.0230		0.5000	156.0000	924.0000
1226449	160.00	161.00	0.0210		0.5000	36.0000	87.0000
1226451	161.00	162.00	0.0770		0.5000	34.0000	148.0000
1226452	162.00	163.50	0.1810		0.5000	54.0000	418.0000
1226453	163.50	165.00	0.1620		0.5000	104.0000	380.0000
1226454	165.00	165.50	1.0710		10.0000	158.0000	3463.0000
1226455	165.50	166.00	0.1600		0.5000	57.0000	450.0000
1226457	166.00	167.00	0.0410		0.5000	22.0000	84.0000
1226458	167.00	168.00	0.0430		0.5000	83.0000	717.0000
1226459	168.00	169.00	0.0400		0.5000	34.0000	87.0000
1226461	169.00	170.50	0.3950		0.5000	186.0000	186.0000
1226462	170.50	172.00	0.1380		0.5000	45.0000	179.0000
1226463	172.00	173.50	0.0320		0.5000	77.0000	106.0000
1226464	173.50	174.50	0.6740		14.0000	4719.0000	3064.0000
1226465	174.50	175.50	0.0420		0.5000	152.0000	118.0000
1226466	175.50	176.50	0.0820		0.5000	87.0000	242.0000
1226467	176.50	177.50	0.0400		0.5000	88.0000	144.0000
1226468	177.50	178.50	0.0550		1.0000	313.0000	643.0000
1226469	178.50	179.50	0.0230		0.5000	312.0000	1075.0000
1226471	179.50	180.20	0.0180		0.5000	242.0000	188.0000
1226472	180.20	180.70	0.1570		2.0000	397.0000	2903.0000
1226473	180.70	181.70	0.0140		0.5000	86.0000	240.0000
1226474	181.70	182.85	0.0220		0.5000	139.0000	233.0000
1226475	182.85	183.85	0.0030		0.5000	28.0000	195.0000
1226477	183.85	184.85	0.0030		0.5000	17.0000	50.0000
1226478	184.85	185.85	0.0060		0.5000	27.0000	43.0000
1226479	185.85	186.85	0.0090		0.5000	22.0000	129.0000
1226481	186.85	187.85	0.0080		2.0000	25.0000	37.0000
1226482	187.85	188.85	0.0080		0.5000	20.0000	31.0000
1226483	188.85	189.85	0.0080		0.5000	17.0000	13.0000
1226484	189.85	190.85	0.0090		1.0000	25.0000	86.0000
1226485	190.85	191.35	0.0240		0.5000	47.0000	76.0000
1226486	191.35	191.94	0.0290		0.5000	33.0000	115.0000
1226487	191.94	193.44	0.0200		0.5000	32.0000	72.0000
1226488	208.98	210.48	0.0160		0.5000	41.0000	126.0000
1226489	210.48	211.48	0.0300		0.5000	54.0000	170.0000
1226491	211.48	212.20	0.0370		1.0000	83.0000	118.0000
1226492	212.20	213.00	2.1320		5.0000	1249.0000	1536.0000
1226493	213.00	214.00	0.2040		0.5000	353.0000	422.0000

Hole Number: TL11220

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226494	214.00	215.00	0.0730		0.5000	53.0000	125.0000
1226495	215.00	215.70	0.0670		0.5000	95.0000	217.0000
1226497	215.70	216.20	0.1140		0.5000	213.0000	299.0000
1226498	216.20	217.20	0.0610		0.5000	59.0000	75.0000
1226499	217.20	218.20	0.0440		2.0000	54.0000	141.0000
1226501	218.20	219.20	0.0640		1.0000	52.0000	119.0000
1226502	219.20	220.20	0.0210		0.5000	41.0000	65.0000
1226503	220.20	221.20	0.1120		0.5000	130.0000	304.0000
1226504	221.20	222.20	0.0380		0.5000	94.0000	196.0000
1226505	222.20	223.20	0.4360		23.0000	987.0000	2018.0000
1226506	223.20	224.20	0.0540		0.5000	87.0000	112.0000
1226507	224.20	225.20	0.0450		0.5000	55.0000	81.0000
1226508	225.20	226.20	0.0300		0.5000	104.0000	698.0000
1226509	226.20	227.23	0.0270		0.5000	39.0000	163.0000
1226511	227.23	228.73	0.0200		1.0000	17.0000	89.0000
1226512	228.73	230.23	0.0090		0.5000	22.0000	88.0000
1226513	230.23	231.73	0.0040		0.5000	31.0000	48.0000
1226514	231.73	232.82	0.0100		0.5000	41.0000	59.0000
1226515	232.82	234.32	0.0070		0.5000	10.0000	41.0000
1226517	234.32	235.32	0.0740		1.0000	31.0000	191.0000
1226518	235.32	236.32	0.2580		0.5000	42.0000	489.0000
1226519	236.32	237.32	0.1020		0.5000	44.0000	485.0000
1226521	237.32	238.48	0.0240		0.5000	36.0000	66.0000
1226522	238.48	239.98	0.0110		0.5000	23.0000	56.0000
1226523	239.98	241.48	0.0410		0.5000	36.0000	51.0000
1226524	241.48	242.48	0.0080		0.5000	50.0000	57.0000
1226525	242.48	243.48	0.0140		0.5000	66.0000	125.0000
1226526	243.48	244.48	0.0100		0.5000	101.0000	78.0000
1226527	244.48	245.48	0.1820		0.5000	77.0000	109.0000
1226528	256.03	257.53	2.4750		0.5000	35.0000	73.0000
1226529	257.53	259.00	0.0130		0.5000	45.0000	89.0000
1226531	259.00	260.50	0.0240		4.0000	545.0000	331.0000
1226532	260.50	262.00	0.0570		3.0000	178.0000	283.0000
1226533	262.00	263.50	0.0320		0.5000	48.0000	67.0000
1226534	263.50	264.50	0.0340		0.5000	57.0000	105.0000
1226535	264.50	266.00	0.0200		0.5000	42.0000	44.0000
1226537	266.00	267.50	0.0290		1.0000	60.0000	103.0000
1226538	267.50	268.76	0.0350		0.5000	33.0000	62.0000
1226539	268.76	269.76	0.1020		0.5000	38.0000	72.0000

Hole Number: TL11220

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226541	269.76	271.26	0.0330		0.5000	30.0000	44.0000
1226542	271.26	272.76	0.0280		0.5000	57.0000	132.0000
1226543	272.76	274.26	0.1440		0.5000	40.0000	85.0000
1226544	274.26	274.76	1.1120		0.5000	204.0000	4937.0000
1226545	274.76	275.76	0.0990		0.5000	62.0000	211.0000
1226546	275.76	276.76	0.0720		0.5000	91.0000	120.0000
1226547	276.76	277.76	0.2000		0.5000	80.0000	49.0000
1226548	277.76	278.76	1.1740		0.5000	118.0000	128.0000
1226549	278.76	279.76	0.1730		0.5000	384.0000	1113.0000
1226551	279.76	280.30	0.1820		0.5000	229.0000	189.0000
1226552	280.30	280.80	3.1020		7.0000	1374.0000	2807.0000
1226553	280.80	281.80	0.0550		0.5000	70.0000	105.0000
1226554	281.80	282.80	0.0410		0.5000	31.0000	50.0000
1226555	282.80	283.67	0.0220		0.5000	23.0000	28.0000
1226557	283.67	284.38	0.0940		1.0000	35.0000	54.0000
1226558	284.38	285.18	0.0450		0.5000	35.0000	56.0000
1226559	285.18	286.18	0.1340		0.5000	33.0000	55.0000
1226561	286.18	287.18	0.0410		0.5000	26.0000	60.0000
1226562	287.18	288.18	0.8760		0.5000	24.0000	36.0000
1226563	288.18	289.18	0.2400		0.5000	25.0000	61.0000
1226564	289.18	290.18	0.1550		1.0000	31.0000	77.0000
1226565	290.18	291.18	0.0530		0.5000	27.0000	68.0000
1226566	291.18	292.18	0.0510		0.5000	19.0000	43.0000
1226567	292.18	293.18	0.1090		0.5000	22.0000	60.0000
1226568	293.18	294.18	0.3750		0.5000	50.0000	62.0000
1226569	294.18	295.18	0.2520		0.5000	27.0000	76.0000
1226571	295.18	296.18	0.0790		0.5000	25.0000	50.0000
1226572	296.18	297.18	0.0400		0.5000	28.0000	45.0000
1226573	297.18	298.18	0.0250		0.5000	43.0000	121.0000
1226574	298.18	299.18	0.3770		0.5000	335.0000	514.0000
1226575	299.18	300.18	0.0580		0.5000	55.0000	94.0000
1226577	300.18	301.18	0.0730		0.5000	25.0000	45.0000
1226578	301.18	302.18	0.9200		0.5000	30.0000	62.0000
1226579	302.18	303.18	0.1350		0.5000	27.0000	46.0000
1226581	303.18	304.18	0.3370		0.5000	49.0000	101.0000
1226582	304.18	305.18	0.0300		0.5000	58.0000	145.0000
1226583	305.18	306.18	0.1550		0.5000	44.0000	66.0000
1226584	306.18	307.18	0.1030		0.5000	29.0000	53.0000
1226585	307.18	308.18	0.1300		0.5000	22.0000	31.0000



Hole Number: TL11220

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226586	308.18	309.18	0.0440		0.5000	43.0000	58.0000
1226587	309.18	310.18	0.0820		0.5000	88.0000	173.0000
1226588	310.18	311.18	0.0290		0.5000	36.0000	71.0000
1226589	311.18	312.18	0.0140		0.5000	26.0000	89.0000
1226591	312.18	313.18	0.0710		3.0000	241.0000	138.0000
1226592	313.18	314.18	0.0260		0.5000	23.0000	27.0000
1226593	314.18	314.78	0.0310		0.5000	36.0000	60.0000
1226594	314.78	315.78	0.1410		0.5000	33.0000	58.0000
1226595	315.78	316.78	0.2690		0.5000	117.0000	928.0000
1226597	316.78	317.28	0.2970		3.0000	547.0000	113.0000
1226598	317.28	317.88	0.0280		0.5000	418.0000	820.0000
1226599	317.88	318.88	0.0620		0.5000	42.0000	98.0000
1226601	318.88	319.74	0.2230		0.5000	24.0000	45.0000
1226602	319.74	320.24	0.0740		0.5000	26.0000	56.0000
1226603	320.24	321.74	0.0460		0.5000	37.0000	62.0000
1226604	321.74	323.14	0.0160		0.5000	29.0000	40.0000
1226605	323.14	324.14	0.0200		0.5000	21.0000	163.0000
1226606	324.14	325.64	0.0050		0.5000	26.0000	251.0000
1226607	325.64	327.14	0.0090		0.5000	28.0000	127.0000
1226608	327.14	328.64	0.0120		0.5000	14.0000	75.0000
1226609	328.64	329.64	0.0100		0.5000	30.0000	44.0000
1226611	329.64	330.64	0.0100		0.5000	24.0000	65.0000
1226612	330.64	332.14	0.0100		0.5000	30.0000	90.0000
1226613	332.14	333.64	0.0040		0.5000	22.0000	53.0000
1226614	333.64	335.14	0.0020		0.5000	14.0000	35.0000
1226615	335.14	336.64	0.0010		0.5000	14.0000	36.0000
1226617	336.64	338.14	0.0030		0.5000	10.0000	38.0000
1226618	338.14	339.64	0.0040		0.5000	19.0000	83.0000
1226619	339.64	340.64	0.0190		0.5000	114.0000	268.0000
1226621	340.64	342.14	0.0300		0.5000	79.0000	98.0000
1226622	342.14	343.64	0.0070		0.5000	53.0000	91.0000
1226623	343.64	344.64	0.0240		0.5000	40.0000	103.0000
1226624	344.64	345.64	0.0140		0.5000	58.0000	164.0000
1226625	345.64	346.64	5.9610	4.5200	2.0000	1213.0000	2748.0000
1226626	346.64	348.14	17.8940	11.4460	0.5000	443.0000	476.0000
1226627	348.14	349.64	1.5390		0.5000	247.0000	376.0000
1226628	349.64	351.14	0.1700		0.5000	43.0000	65.0000
1226629	351.14	352.64	0.0630		0.5000	224.0000	189.0000
1226631	373.00	374.50	0.0390		0.5000	514.0000	615.0000

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Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226632	374.50	376.00	0.0190		0.5000	94.0000	350.0000
1226633	376.00	377.50	0.0500		0.5000	33.0000	66.0000
1226634	377.50	379.00	0.4990		0.5000	59.0000	83.0000
1226635	379.00	380.50	0.0390		0.5000	51.0000	107.0000
1226637	380.50	382.00	0.0700		0.5000	144.0000	1689.0000
1226638	382.00	383.50	0.0450		0.5000	171.0000	651.0000
1226639	383.50	385.00	0.0770		0.5000	148.0000	1648.0000
1226641	385.00	386.00	0.9000		8.0000	2084.0000	3378.0000
1226642	386.00	387.00	0.0610		0.5000	526.0000	1402.0000
1226643	387.00	388.00	0.1920		4.0000	505.0000	3519.0000
1226644	388.00	389.00	1.4070		3.0000	206.0000	2168.0000
1226645	389.00	390.00	1.8940		6.0000	386.0000	208.0000
1226646	390.00	391.00	0.5170		4.0000	675.0000	473.0000
1226647	391.00	392.33	0.1630		0.5000	103.0000	317.0000
1226648	392.33	393.33	0.3170		12.0000	2123.0000	4009.0000
1226649	393.33	393.83	50.3220	26.4210	35.0000	5586.0000	5530.0000
1226651	393.83	395.33	0.0670		1.0000	360.0000	332.0000
1226652	395.33	396.33	0.0720		0.5000	104.0000	150.0000
1226653	396.33	397.33	0.1190		0.5000	166.0000	189.0000
1226654	397.33	398.50	0.1520		0.5000	137.0000	472.0000
1226655	398.50	399.00	0.0650		0.5000	152.0000	224.0000
1226657	399.00	400.50	0.1800		0.5000	153.0000	207.0000
1226658	400.50	402.00	0.4390		0.5000	111.0000	175.0000
1226659	402.00	403.00	0.0400		0.5000	74.0000	116.0000
1226661	403.00	404.00	1.5280		15.0000	1208.0000	270.0000
1226662	404.00	405.00	0.0540		0.5000	153.0000	110.0000
1226663	405.00	406.00	0.0680		0.5000	73.0000	97.0000
1226664	406.00	407.00	0.0980		0.5000	76.0000	77.0000
1226665	407.00	408.00	0.0570		0.5000	75.0000	281.0000
1226666	408.00	409.00	0.0190		0.5000	64.0000	118.0000
1226667	409.00	410.00	0.2130		2.0000	235.0000	224.0000
1226668	410.00	411.00	0.2360		0.5000	179.0000	1949.0000
1226669	411.00	412.00	0.0320		0.5000	78.0000	96.0000
1226671	412.00	413.46	0.0650		0.5000	120.0000	157.0000
1226672	413.46	413.96	90.2960	73.1060	174.0000	12261.0000	8189.0000
1226673	413.96	414.96	4.7790		25.0000	1419.0000	1110.0000
1226674	414.96	416.00	0.1500		0.5000	171.0000	257.0000
1226675	416.00	417.00	3.2220		8.0000	617.0000	1078.0000
1226677	417.00	418.00	0.5920		0.5000	194.0000	391.0000

Hole Number: TL11220

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226678	418.00	419.00	0.3640		0.5000	72.0000	252.0000
1226679	419.00	420.42	0.9740		0.5000	130.0000	278.0000
1226681	420.42	421.92	0.1550		0.5000	171.0000	145.0000
1226682	465.85	467.50	0.1530		0.5000	292.0000	699.0000
Sample Type	CDUP						
1226456	165.50	166.00	0.4770		1.0000	51.0000	443.0000
1226476	182.85	183.85	0.0030		0.5000	27.0000	271.0000
1226496	215.00	215.70	0.0450		0.5000	94.0000	172.0000
1226516	234.32	234.32	0.0110		0.5000	13.0000	41.0000
1226536	264.50	266.00	0.0480		0.5000	37.0000	35.0000
1226556	282.80	283.67	0.0190		0.5000	19.0000	28.0000
1226576	299.18	300.18	0.0550		2.0000	47.0000	88.0000
1226596	315.78	316.78	0.3590		0.5000	141.0000	450.0000
1226616	335.14	336.64	0.0030		0.5000	11.0000	33.0000
1226636	379.00	380.50	0.0250		0.5000	53.0000	103.0000
1226656	398.50	399.00	0.0470		0.5000	153.0000	182.0000
1226676	416.00	417.00	1.8970		7.0000	510.0000	926.0000

# DETAILED LOG

Hole Number: TL11221

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -55.00
Project Number: TMI-TL	North: 5512540.72	North:	Collar Az: 320.00
Location: Zealand Township	East: 529748.31	East:	Length: 285.00
	Elev: 400.87	Elev:	Start Depth: 0.00
Date Started: Sep 18, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Sep 20, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 285.00

Comments: MSS zones:  
 109.8 - 119.2 m  
 166.55 - 179.64 m  
 267.7 - 283.4 m  
 RQD interval 27-30m not included due to block error. Data exceeds limit.

### Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	320.00	-55.00	EZ Sho	OK		18.00	320.30	-54.90	EZ Sho	OK	
51.00	321.50	-54.00	EZ Sho	OK		102.00	322.60	-52.60	EZ Sho	OK	
150.00	323.50	-50.80	EZ Sho	OK		204.00	324.40	-49.80	EZ Sho	OK	
252.00	325.80	-48.70	EZ Sho	OK							

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	9.00	OB, Overburden									
9.00	21.79	BMS, Biotite Muscovite Schist									
21.79	109.80	BS, Biotite Schist	1226683	108.30	109.80	1.50	0.04		0.50	52.00	106.00
109.80	119.20	MSS, Muscovite Sericite Schist	1226684	109.80	110.80	1.00	0.03		0.50	48.00	67.00
			1226685	110.80	111.80	1.00	0.05		0.50	77.00	157.00
			1226686	111.80	112.80	1.00	0.10		0.50	429.00	811.00
			1226687	112.80	113.80	1.00	0.04		0.50	45.00	85.00
			1226688	113.80	114.80	1.00	0.03		0.50	37.00	77.00
			1226689	114.80	115.80	1.00	0.06		0.50	37.00	77.00
			1226691	115.80	116.80	1.00	0.03		0.50	36.00	47.00
			1226692	116.80	117.80	1.00	0.17		0.50	34.00	72.00
			1226693	117.80	119.20	1.40	1.03		0.50	49.00	239.00
119.20	166.55	BMS, Biotite Muscovite Schist	1226694	119.20	120.70	1.50	2.40		0.50	35.00	266.00
			1226696	165.05	166.55	1.50	0.24		0.50	60.00	153.00
			1226695	165.05	166.55	1.50	0.21		0.50	65.00	237.00

## DETAILED LOG

Hole Number: TL11221

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
166.55	179.64	MSS, Muscovite Sericite Schist	1226697	166.55	167.55	1.00	0.07		0.50	439.00	733.00
			1226698	167.55	168.77	1.22	0.20		0.50	284.00	361.00
			1226699	168.77	169.96	1.19	0.93		0.50	134.00	689.00
			1226701	169.96	170.96	1.00	0.12		0.50	46.00	57.00
			1226702	170.96	171.96	1.00	0.01		0.50	25.00	38.00
			1226703	171.96	172.96	1.00	0.01		0.50	39.00	38.00
			1226704	172.96	173.96	1.00	0.02		0.50	27.00	38.00
			1226705	173.96	174.96	1.00	0.02		0.50	30.00	41.00
			1226706	174.96	175.65	0.69	0.05		0.50	55.00	217.00
			1226707	175.65	176.65	1.00	0.08		0.50	161.00	249.00
			1226708	176.65	177.65	1.00	0.05		0.50	217.00	142.00
			1226709	177.65	178.65	1.00	0.07		0.50	124.00	220.00
			1226711	178.65	179.64	0.99	0.15		0.50	306.00	186.00
179.64	203.04	BMS, Biotite Muscovite Schist	1226712	179.64	181.14	1.50	0.02		0.50	46.00	42.00
203.04	212.34	BMS, Biotite Muscovite Schist	1226713	203.04	204.34	1.30	0.03		0.50	29.00	61.00
			1226714	204.34	205.84	1.50	0.02		0.50	37.00	78.00
			1226715	205.84	207.34	1.50	0.03		0.50	52.00	90.00
			1226716	205.84	207.34	1.50	0.03		0.50	61.00	93.00
			1226717	207.34	208.84	1.50	0.08		0.50	51.00	94.00
			1226718	208.84	210.34	1.50	0.08		0.50	116.00	254.00
			1226719	210.34	211.84	1.50	0.11		0.50	192.00	919.00
			1226721	211.84	212.34	0.50	1.85		0.50	496.00	921.00
212.34	227.82	BS, Biotite Schist	1226722	212.34	213.84	1.50	0.02		0.50	40.00	64.00
227.82	267.70	BMS, Biotite Muscovite Schist	1226723	266.20	267.70	1.50	0.02		0.50	49.00	98.00
267.70	283.40	MSS, Muscovite Sericite Schist	1226724	267.70	268.20	0.50	0.01		0.50	33.00	35.00
			1226725	268.20	269.70	1.50	0.02		0.50	21.00	37.00
			1226726	269.70	271.20	1.50	0.02		0.50	27.00	49.00
			1226727	271.20	272.70	1.50	0.13		0.50	32.00	57.00
			1226728	272.70	273.66	0.96	0.07		0.50	32.00	59.00
			1226729	273.66	274.96	1.30	0.31		0.50	41.00	143.00
			1226731	274.96	276.06	1.10	0.06		0.50	30.00	44.00
			1226732	276.06	277.23	1.17	0.04		0.50	40.00	71.00
			1226733	277.23	278.23	1.00	0.24		0.50	27.00	58.00
			1226734	278.23	278.85	0.62	0.09		0.50	37.00	57.00
			1226735	278.85	279.59	0.74	0.23		0.50	31.00	53.00
			1226736	278.85	279.59	0.74	0.21		0.50	30.00	55.00
			1226737	279.59	280.59	1.00	0.06		0.50	44.00	65.00
			1226738	280.59	281.90	1.31	0.02		0.50	37.00	45.00
			1226739	281.90	282.90	1.00	0.01		0.50	44.00	87.00
			1226741	282.90	283.40	0.50	0.17		0.50	68.00	707.00
283.40	285.00	BMS, Biotite Muscovite Schist	1226742	283.40	285.00	1.60	0.02		0.50	37.00	81.00

Hole Number: TL11221

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226683	108.30	109.80	0.0420		0.5000	52.0000	106.0000
1226684	109.80	110.80	0.0280		0.5000	48.0000	67.0000
1226685	110.80	111.80	0.0470		0.5000	77.0000	157.0000
1226686	111.80	112.80	0.0970		0.5000	429.0000	811.0000
1226687	112.80	113.80	0.0350		0.5000	45.0000	85.0000
1226688	113.80	114.80	0.0330		0.5000	37.0000	77.0000
1226689	114.80	115.80	0.0570		0.5000	37.0000	77.0000
1226691	115.80	116.80	0.0310		0.5000	36.0000	47.0000
1226692	116.80	117.80	0.1740		0.5000	34.0000	72.0000
1226693	117.80	119.20	1.0280		0.5000	49.0000	239.0000
1226694	119.20	120.70	2.3960		0.5000	35.0000	266.0000
1226695	165.05	166.55	0.2120		0.5000	65.0000	237.0000
1226697	166.55	167.55	0.0670		0.5000	439.0000	733.0000
1226698	167.55	168.77	0.2030		0.5000	284.0000	361.0000
1226699	168.77	169.96	0.9300		0.5000	134.0000	689.0000
1226701	169.96	170.96	0.1160		0.5000	46.0000	57.0000
1226702	170.96	171.96	0.0140		0.5000	25.0000	38.0000
1226703	171.96	172.96	0.0140		0.5000	39.0000	38.0000
1226704	172.96	173.96	0.0160		0.5000	27.0000	38.0000
1226705	173.96	174.96	0.0210		0.5000	30.0000	41.0000
1226706	174.96	175.65	0.0500		0.5000	55.0000	217.0000
1226707	175.65	176.65	0.0820		0.5000	161.0000	249.0000
1226708	176.65	177.65	0.0490		0.5000	217.0000	142.0000
1226709	177.65	178.65	0.0730		0.5000	124.0000	220.0000
1226711	178.65	179.64	0.1460		0.5000	306.0000	186.0000
1226712	179.64	181.14	0.0150		0.5000	46.0000	42.0000
1226713	203.04	204.34	0.0260		0.5000	29.0000	61.0000
1226714	204.34	205.84	0.0230		0.5000	37.0000	78.0000
1226715	205.84	207.34	0.0320		0.5000	52.0000	90.0000
1226717	207.34	208.84	0.0830		0.5000	51.0000	94.0000
1226718	208.84	210.34	0.0830		0.5000	116.0000	254.0000
1226719	210.34	211.84	0.1060		0.5000	192.0000	919.0000
1226721	211.84	212.34	1.8450		0.5000	496.0000	921.0000
1226722	212.34	213.84	0.0230		0.5000	40.0000	64.0000
1226723	266.20	267.70	0.0170		0.5000	49.0000	98.0000
1226724	267.70	268.20	0.0120		0.5000	33.0000	35.0000
1226725	268.20	269.70	0.0180		0.5000	21.0000	37.0000
1226726	269.70	271.20	0.0200		0.5000	27.0000	49.0000
1226727	271.20	272.70	0.1300		0.5000	32.0000	57.0000

Hole Number: TL11221

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226728	272.70	273.66	0.0680		0.5000	32.0000	59.0000
1226729	273.66	274.96	0.3090		0.5000	41.0000	143.0000
1226731	274.96	276.06	0.0590		0.5000	30.0000	44.0000
1226732	276.06	277.23	0.0420		0.5000	40.0000	71.0000
1226733	277.23	278.23	0.2410		0.5000	27.0000	58.0000
1226734	278.23	278.85	0.0910		0.5000	37.0000	57.0000
1226735	278.85	279.59	0.2260		0.5000	31.0000	53.0000
1226737	279.59	280.59	0.0590		0.5000	44.0000	65.0000
1226738	280.59	281.90	0.0170		0.5000	37.0000	45.0000
1226739	281.90	282.90	0.0130		0.5000	44.0000	87.0000
1226741	282.90	283.40	0.1700		0.5000	68.0000	707.0000
1226742	283.40	285.00	0.0200		0.5000	37.0000	81.0000
Sample Type	CDUP						
1226696	165.05	166.55	0.2440		0.5000	60.0000	153.0000
1226716	205.84	207.34	0.0340		0.5000	61.0000	93.0000
1226736	278.85	279.59	0.2100		0.5000	30.0000	55.0000

# DETAILED LOG

Hole Number: TL11222

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -55.00
Project Number: TMI-TL	North: 5512515.31	North:	Collar Az: 320.00
Location: Zealand Township	East: 529811.39	East:	Length: 372.00
	Elev: 400.79	Elev:	Start Depth: 0.00
Date Started: Sep 20, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Sep 22, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 372.00

Comments: Visible gold at:  
 334.27m  
 345.43m  
 366.31m  
 MSS zones:  
 53.37 - 83.55m  
 149.6 - 152.73m  
 185.29 - 196.67m  
 202.7 - 230.63m  
 330.44 - 337.13m

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	318.50	-55.00	EZ Sho	OK		18.00	318.70	-54.80	EZ Sho	OK	
51.00	320.20	-53.40	EZ Sho	OK		102.00	321.30	-51.40	EZ Sho	OK	
153.00	322.50	-49.30	EZ Sho	OK		201.00	323.30	-46.40	EZ Sho	OK	
255.00	324.30	-45.50	EZ Sho	OK		285.00	326.90	-48.30	EZ Sho	OK	
300.00	326.00	-43.90	EZ Sho	OK		350.00	327.30	-42.40	EZ Sho	OK	
372.00	328.60	-41.80	EZ Sho	OK							

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	4.50	OB, Overburden									
4.50	53.37	BS, Biotite Schist	1226743	51.87	53.37	1.50	0.07		0.50	25.00	179.0



## DETAILED LOG

Hole Number: TL11222

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
53.37	83.55	MSS, Muscovite Sericite Schist	1226744	53.37	54.37	1.00	0.02		0.50	10.00	58.00
			1226745	54.37	55.37	1.00	0.07		0.50	25.00	76.00
			1226746	55.37	56.37	1.00	0.08		0.50	24.00	57.00
			1226747	56.37	57.37	1.00	0.04		0.50	43.00	157.00
			1226748	57.37	58.37	1.00	0.01		0.50	23.00	56.00
			1226749	58.37	59.37	1.00	0.02		0.50	37.00	123.00
			1226751	59.37	60.37	1.00	0.03		0.50	17.00	52.00
			1226752	60.37	61.37	1.00	0.02		0.50	12.00	58.00
			1226753	61.37	62.37	1.00	0.06		0.50	13.00	126.00
			1226754	62.37	63.37	1.00	0.04		0.50	12.00	188.00
			1226755	63.37	64.37	1.00	0.04		0.50	11.00	229.00
			1226756	63.37	64.37	1.00	0.04		0.50	8.00	191.00
			1226757	64.37	65.37	1.00	0.02		0.50	15.00	157.00
			1226758	65.37	66.07	0.70	0.02		0.50	10.00	59.00
			1226759	66.07	66.57	0.50	0.20		0.50	11.00	3478.00
			1226761	66.57	67.57	1.00	0.03		0.50	9.00	465.00
			1226762	67.57	68.57	1.00	0.02		0.50	9.00	485.00
			1226763	68.57	69.57	1.00	0.01		0.50	10.00	130.00
			1226764	69.57	70.57	1.00	0.02		0.50	13.00	66.00
			1226765	70.57	71.57	1.00	0.02		0.50	15.00	57.00
			1226766	71.57	72.57	1.00	0.02		0.50	13.00	54.00
			1226767	72.57	73.57	1.00	0.01		0.50	10.00	59.00
			1226768	73.57	74.57	1.00	0.01		0.50	12.00	56.00
			1226769	74.57	75.57	1.00	0.02		0.50	8.00	57.00
			1226771	75.57	76.57	1.00	0.02		0.50	16.00	61.00
			1226772	76.57	77.57	1.00	0.02		0.50	11.00	69.00
			1226773	77.57	78.57	1.00	0.01		0.50	10.00	66.00
			1226774	78.57	79.57	1.00	0.01		0.50	14.00	76.00
			1226775	79.57	80.57	1.00	0.01		0.50	16.00	81.00
			1226776	79.57	80.57	1.00	0.01		0.50	18.00	96.00
			1226777	80.57	81.57	1.00	0.02		0.50	16.00	71.00
			1226778	81.57	82.57	1.00	0.01		0.50	23.00	79.00
			1226779	82.57	83.55	0.98	0.02		0.50	40.00	150.00
83.55	132.07	BS, Biotite Schist	1226781	83.55	85.05	1.50	0.02		0.50	36.00	98.00
132.07	134.69	MD, Mafic Dyke									
134.69	149.60	BS, Biotite Schist	1226782	148.10	149.60	1.50	0.06		0.50	33.00	107.00
149.60	152.73	MSS, Muscovite Sericite Schist	1226783	149.60	150.60	1.00	0.01		0.50	17.00	39.00
			1226784	150.60	151.60	1.00	0.01		0.50	16.00	46.00
			1226785	151.60	152.73	1.13	0.00		0.50	19.00	50.00

## DETAILED LOG

Hole Number: TL11222

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
152.73	162.41	BS, Biotite Schist	1226786	152.73	154.23	1.50	0.01		0.50	25.00	74.00
			1226787	154.23	155.73	1.50	0.02		0.50	16.00	81.00
			1226788	155.73	156.41	0.68	0.36		0.50	47.00	97.00
			1226789	156.41	157.05	0.64	0.25		2.00	258.00	242.00
			1226791	157.05	158.55	1.50	0.04		0.50	33.00	85.00
			1226792	158.55	160.05	1.50	0.02		0.50	28.00	79.00
			1226793	160.05	161.55	1.50	0.14		0.50	29.00	89.00
			1226794	161.55	162.41	0.86	0.44		0.50	27.00	71.00
162.41	179.64	BMS, Biotite Muscovite Schist	1226795	162.41	163.91	1.50	0.10		0.50	23.00	127.00
			1226796	162.41	163.91	1.50	0.02		0.50	21.00	124.00
			1226797	163.91	165.41	1.50	0.26		0.50	26.00	72.00
			1226798	165.41	166.40	0.99	0.04		0.50	41.00	62.00
			1226799	166.40	167.40	1.00	0.12		0.50	56.00	280.00
			1226801	167.40	168.40	1.00	0.07		0.50	35.00	66.00
			1226802	168.40	169.53	1.13	0.32		2.00	240.00	563.00
			1226803	169.53	170.23	0.70	0.66		1.00	98.00	509.00
			1226804	170.23	171.10	0.87	0.11		0.50	78.00	195.00
			1226805	171.10	171.70	0.60	0.26		3.00	357.00	1993.00
			1226806	171.70	172.70	1.00	0.15		0.50	72.00	173.00
			1226807	172.70	174.20	1.50	0.23		0.50	41.00	145.00
			1226808	174.20	175.70	1.50	0.06		0.50	28.00	90.00
			1226809	175.70	176.87	1.17	0.12		0.50	26.00	79.00
		1226811	176.87	177.87	1.00	4.62		0.50	71.00	473.00	
		1226812	177.87	178.87	1.00	0.12		0.50	117.00	384.00	
		1226813	178.87	179.64	0.77	0.76		0.50	29.00	61.00	
179.64	185.29	BS, Biotite Schist	1226814	179.64	181.14	1.50	0.15		0.50	26.00	94.00
			1226815	181.14	182.64	1.50	0.23		0.50	221.00	374.00
			1226816	181.14	182.64	1.50	0.32		0.50	203.00	353.00
			1226817	182.64	184.14	1.50	0.06		1.00	56.00	141.00
			1226818	184.14	185.29	1.15	0.06		0.50	51.00	118.00
185.29	196.67	MSS, Muscovite Sericite Schist	1226819	185.29	186.29	1.00	0.03		0.50	88.00	269.00
			1226821	186.29	187.29	1.00	0.02		0.50	24.00	79.00
			1226822	187.29	188.29	1.00	0.01		0.50	11.00	39.00
			1226823	188.29	189.29	1.00	0.01		0.50	14.00	50.00
			1226824	189.29	190.29	1.00	0.10		0.50	16.00	107.00
			1226825	190.29	191.29	1.00	0.02		0.50	14.00	118.00
			1226826	191.29	192.29	1.00	0.03		0.50	19.00	118.00
			1226827	192.29	193.29	1.00	0.02		0.50	14.00	133.00
			1226828	193.29	194.29	1.00	0.02		0.50	14.00	144.00
			1226829	194.29	195.29	1.00	0.02		0.50	16.00	115.00
			1226831	195.29	196.67	1.38	0.02		0.50	67.00	112.00

## DETAILED LOG

Hole Number: TL11222

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
196.67	202.70	BS, Biotite Schist	1226832	196.67	198.17	1.50	0.04		0.50	19.00	296.00
			1226833	198.17	199.67	1.50	0.11		0.50	28.00	351.00
			1226834	199.67	201.17	1.50	0.20		1.00	40.00	911.00
			1226835	201.17	202.70	1.53	0.47		0.50	12.00	2067.00
			1226836	201.17	202.70	1.53	0.02		0.50	27.00	1738.00
202.70	230.63	MSS, Muscovite Sericite Schist	1226837	202.70	203.70	1.00	0.01		0.50	18.00	225.00
			1226838	203.70	204.70	1.00	0.01		0.50	13.00	46.00
			1226839	204.70	205.70	1.00	0.01		0.50	18.00	49.00
			1226841	205.70	206.70	1.00	0.02		0.50	21.00	56.00
			1226842	206.70	207.70	1.00	0.02		0.50	25.00	70.00
			1226843	207.70	208.70	1.00	0.01		0.50	15.00	59.00
			1226844	208.70	209.70	1.00	0.03		0.50	17.00	76.00
			1226845	209.70	210.70	1.00	0.03		0.50	32.00	150.00
			1226846	210.70	211.70	1.00	0.01		0.50	26.00	149.00
			1226847	211.70	212.70	1.00	0.04		0.50	14.00	45.00
			1226848	212.70	213.70	1.00	0.04		0.50	21.00	44.00
			1226849	213.70	214.70	1.00	0.01		0.50	15.00	46.00
			1226851	214.70	215.70	1.00	0.01		0.50	16.00	50.00
			1226852	215.70	216.70	1.00	0.01		0.50	25.00	44.00
			1226853	216.70	217.70	1.00	0.07		0.50	24.00	46.00
			1226854	217.70	218.70	1.00	0.15		0.50	55.00	410.00
			1226855	218.70	219.70	1.00	0.56		2.00	246.00	807.00
			1226856	218.70	219.70	1.00	0.97		1.00	242.00	918.00
			1226857	219.70	220.70	1.00	0.46		0.50	441.00	623.00
			1226858	220.70	221.70	1.00	0.10		0.50	106.00	199.00
			1226859	221.70	222.70	1.00	0.08		0.50	165.00	2060.00
			1226861	222.70	223.70	1.00	0.09		0.50	197.00	413.00
			1226862	223.70	224.70	1.00	0.21		1.00	308.00	1382.00
			1226863	224.70	225.70	1.00	1.82		0.50	173.00	2173.00
			1226864	225.70	226.70	1.00	0.03		0.50	74.00	220.00
			1226865	226.70	227.70	1.00	0.04		0.50	106.00	282.00
			1226866	227.70	228.70	1.00	0.04		0.50	142.00	262.00
			1226867	228.70	229.70	1.00	0.06		0.50	100.00	317.00
		1226868	229.70	230.63	0.93	0.86		2.00	562.00	1245.00	
230.63	240.31	BS, Biotite Schist	1226869	230.63	232.13	1.50	0.09		0.50	428.00	386.00
			1226871	238.81	240.31	1.50	0.02		0.50	26.00	76.00

## DETAILED LOG

Hole Number: TL11222

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
240.31	330.44	BMS, Biotite Muscovite Schist	1226872	240.31	241.81	1.50	0.02		0.50	26.00	95.00
			1226873	241.81	243.31	1.50	0.10		2.00	111.00	206.00
			1226874	243.31	244.81	1.50	0.03		0.50	168.00	88.00
			1226875	244.81	246.31	1.50	0.07		3.00	54.00	145.00
			1226876	244.81	246.31	1.50	0.11		4.00	59.00	168.00
			1226877	246.31	247.81	1.50	0.05		5.00	29.00	108.00
			1226878	247.81	249.31	1.50	0.03		1.00	37.00	64.00
			1226879	249.31	250.81	1.50	0.02		0.50	24.00	42.00
			1226881	250.81	252.31	1.50	0.01		2.00	29.00	95.00
			1226882	256.70	258.20	1.50	0.04		8.00	75.00	260.00
			1226883	258.20	259.33	1.13	0.25		60.00	177.00	578.00
			1226884	259.33	260.33	1.00	0.03		2.00	55.00	84.00
			1226885	260.33	261.33	1.00	0.03		2.00	54.00	178.00
			1226886	261.33	262.83	1.50	0.02		1.00	88.00	354.00
			1226887	265.40	266.90	1.50	0.03		1.00	178.00	284.00
			1226888	266.90	267.60	0.70	0.03		1.00	98.00	357.00
			1226889	267.60	269.10	1.50	0.05		1.00	251.00	1123.00
			1226891	269.10	270.10	1.00	0.02		2.00	156.00	711.00
			1226892	270.10	270.95	0.85	0.02		0.50	72.00	294.00
			1226893	270.95	271.45	0.50	0.02		0.50	48.00	341.00
			1226894	271.45	272.95	1.50	0.04		2.00	209.00	896.00
			1226895	275.92	277.42	1.50	0.04		0.50	57.00	104.00
			1226896	275.92	277.42	1.50	0.04		1.00	53.00	89.00
			1226897	277.42	277.92	0.50	0.10		2.00	64.00	913.00
			1226898	277.92	279.42	1.50	0.13		2.00	61.00	889.00
			1226899	289.23	290.73	1.50	0.02		2.00	159.00	121.00
1226901	290.73	291.23	0.50	0.71		14.00	364.00	721.00			
1226902	291.23	292.73	1.50	0.27		5.00	78.00	137.00			
1226903	299.61	301.11	1.50	0.07		0.50	53.00	110.00			
1226904	301.11	302.11	1.00	0.36		0.50	60.00	258.00			
1226905	302.11	303.61	1.50	0.03		0.50	37.00	110.00			
1226906	328.94	330.44	1.50	0.07		0.50	33.00	86.00			
330.44	337.13	MSS, Muscovite Sericite Schist	1226907	330.44	331.44	1.00	0.14		0.50	29.00	71.00
			1226908	331.44	332.44	1.00	0.02		0.50	31.00	62.00
			1226909	332.44	333.44	1.00	0.04		0.50	34.00	56.00
			1226911	333.44	334.02	0.58	0.11		0.50	47.00	68.00
			1226912	334.02	334.52	0.50	0.63		2.00	171.00	887.00
			1226913	334.52	335.02	0.50	0.40		0.50	119.00	421.00
			1226914	335.02	335.52	0.50	0.45		0.50	48.00	89.00
			1226915	335.52	336.15	0.63	0.10		0.50	54.00	71.00
			1226916	335.52	336.15	0.63	0.03		0.50	46.00	74.00
			1226917	336.15	337.13	0.98	0.73		0.50	43.00	48.00

# DETAILED LOG

Hole Number: TL11222

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
337.13	372.00	BMS, Biotite Muscovite Schist	1226918	337.13	338.63	1.50	0.70		0.50	47.00	203.00
			1226919	343.71	345.21	1.50	0.01		0.50	23.00	97.00
			1226921	345.21	345.91	0.70	0.33		1.00	50.00	4234.00
			1226922	345.91	347.41	1.50	0.05		0.50	20.00	235.00
			1226923	347.41	348.41	1.00	0.02		0.50	14.00	76.00
			1226924	348.41	349.36	0.95	0.02		0.50	17.00	64.00
			1226925	349.36	349.86	0.50	0.14		0.50	26.00	193.00
			1226926	349.86	350.50	0.64	0.02		0.50	20.00	72.00
			1226927	350.50	351.00	0.50	0.05		0.50	14.00	74.00
			1226928	351.00	352.10	1.10	0.02		0.50	13.00	56.00
			1226929	352.10	353.10	1.00	0.04		0.50	17.00	44.00
			1226931	353.10	353.95	0.85	0.05		0.50	16.00	59.00
			1226932	353.95	354.95	1.00	0.07		0.50	16.00	67.00
			1226933	354.95	356.45	1.50	0.05		0.50	11.00	87.00
			1226934	356.45	356.95	0.50	0.03		0.50	19.00	58.00
			1226935	356.95	358.45	1.50	0.04		0.50	23.00	654.00
			1226936	358.45	358.45	1.50	0.03		0.50	26.00	533.00
			1226937	364.67	366.17	1.50	0.08		0.50	22.00	89.00
			1226938	366.17	366.67	0.50	0.33		0.50	32.00	212.00
1226939	366.67	368.17	1.50	0.00		0.50	35.00	113.00			

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226743	51.87	53.37	0.0730		0.5000	25.0000	179.0000
1226744	53.37	54.37	0.0170		0.5000	10.0000	58.0000
1226745	54.37	55.37	0.0710		0.5000	25.0000	76.0000
1226746	55.37	56.37	0.0760		0.5000	24.0000	57.0000
1226747	56.37	57.37	0.0360		0.5000	43.0000	157.0000
1226748	57.37	58.37	0.0130		0.5000	23.0000	56.0000
1226749	58.37	59.37	0.0210		0.5000	37.0000	123.0000
1226751	59.37	60.37	0.0250		0.5000	17.0000	52.0000
1226752	60.37	61.37	0.0220		0.5000	12.0000	58.0000
1226753	61.37	62.37	0.0620		0.5000	13.0000	126.0000
1226754	62.37	63.37	0.0430		0.5000	12.0000	188.0000
1226755	63.37	64.37	0.0430		0.5000	11.0000	229.0000
1226757	64.37	65.37	0.0170		0.5000	15.0000	157.0000
1226758	65.37	66.07	0.0190		0.5000	10.0000	59.0000
1226759	66.07	66.57	0.1960		0.5000	11.0000	3478.0000
1226761	66.57	67.57	0.0330		0.5000	9.0000	465.0000
1226762	67.57	68.57	0.0230		0.5000	9.0000	485.0000

Hole Number: TL11222

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226763	68.57	69.57	0.0140		0.5000	10.0000	130.0000
1226764	69.57	70.57	0.0170		0.5000	13.0000	66.0000
1226765	70.57	71.57	0.0240		0.5000	15.0000	57.0000
1226766	71.57	72.57	0.0180		0.5000	13.0000	54.0000
1226767	72.57	73.57	0.0110		0.5000	10.0000	59.0000
1226768	73.57	74.57	0.0120		0.5000	12.0000	56.0000
1226769	74.57	75.57	0.0160		0.5000	8.0000	57.0000
1226771	75.57	76.57	0.0150		0.5000	16.0000	61.0000
1226772	76.57	77.57	0.0160		0.5000	11.0000	69.0000
1226773	77.57	78.57	0.0140		0.5000	10.0000	66.0000
1226774	78.57	79.57	0.0100		0.5000	14.0000	76.0000
1226775	79.57	80.57	0.0100		0.5000	16.0000	81.0000
1226777	80.57	81.57	0.0170		0.5000	16.0000	71.0000
1226778	81.57	82.57	0.0130		0.5000	23.0000	79.0000
1226779	82.57	83.55	0.0150		0.5000	40.0000	150.0000
1226781	83.55	85.05	0.0170		0.5000	36.0000	98.0000
1226782	148.10	149.60	0.0630		0.5000	33.0000	107.0000
1226783	149.60	150.60	0.0060		0.5000	17.0000	39.0000
1226784	150.60	151.60	0.0100		0.5000	16.0000	46.0000
1226785	151.60	152.73	0.0020		0.5000	19.0000	50.0000
1226786	152.73	154.23	0.0070		0.5000	25.0000	74.0000
1226787	154.23	155.73	0.0160		0.5000	16.0000	81.0000
1226788	155.73	156.41	0.3570		0.5000	47.0000	97.0000
1226789	156.41	157.05	0.2540		2.0000	258.0000	242.0000
1226791	157.05	158.55	0.0360		0.5000	33.0000	85.0000
1226792	158.55	160.05	0.0190		0.5000	28.0000	79.0000
1226793	160.05	161.55	0.1420		0.5000	29.0000	89.0000
1226794	161.55	162.41	0.4350		0.5000	27.0000	71.0000
1226795	162.41	163.91	0.0960		0.5000	23.0000	127.0000
1226797	163.91	165.41	0.2570		0.5000	26.0000	72.0000
1226798	165.41	166.40	0.0350		0.5000	41.0000	62.0000
1226799	166.40	167.40	0.1200		0.5000	56.0000	280.0000
1226801	167.40	168.40	0.0680		0.5000	35.0000	66.0000
1226802	168.40	169.53	0.3220		2.0000	240.0000	563.0000
1226803	169.53	170.23	0.6570		1.0000	98.0000	509.0000
1226804	170.23	171.10	0.1110		0.5000	78.0000	195.0000
1226805	171.10	171.70	0.2600		3.0000	357.0000	1993.0000
1226806	171.70	172.70	0.1450		0.5000	72.0000	173.0000
1226807	172.70	174.20	0.2280		0.5000	41.0000	145.0000

Hole Number: TL11222

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226808	174.20	175.70	0.0570		0.5000	28.0000	90.0000
1226809	175.70	176.87	0.1180		0.5000	26.0000	79.0000
1226811	176.87	177.87	4.6180		0.5000	71.0000	473.0000
1226812	177.87	178.87	0.1210		0.5000	117.0000	384.0000
1226813	178.87	179.64	0.7610		0.5000	29.0000	61.0000
1226814	179.64	181.14	0.1460		0.5000	26.0000	94.0000
1226815	181.14	182.64	0.2320		0.5000	221.0000	374.0000
1226817	182.64	184.14	0.0620		1.0000	56.0000	141.0000
1226818	184.14	185.29	0.0610		0.5000	51.0000	118.0000
1226819	185.29	186.29	0.0310		0.5000	88.0000	269.0000
1226821	186.29	187.29	0.0200		0.5000	24.0000	79.0000
1226822	187.29	188.29	0.0080		0.5000	11.0000	39.0000
1226823	188.29	189.29	0.0090		0.5000	14.0000	50.0000
1226824	189.29	190.29	0.1000		0.5000	16.0000	107.0000
1226825	190.29	191.29	0.0180		0.5000	14.0000	118.0000
1226826	191.29	192.29	0.0290		0.5000	19.0000	118.0000
1226827	192.29	193.29	0.0150		0.5000	14.0000	133.0000
1226828	193.29	194.29	0.0180		0.5000	14.0000	144.0000
1226829	194.29	195.29	0.0180		0.5000	16.0000	115.0000
1226831	195.29	196.67	0.0220		0.5000	67.0000	112.0000
1226832	196.67	198.17	0.0390		0.5000	19.0000	296.0000
1226833	198.17	199.67	0.1110		0.5000	28.0000	351.0000
1226834	199.67	201.17	0.1950		1.0000	40.0000	911.0000
1226835	201.17	202.70	0.4700		0.5000	12.0000	2067.0000
1226837	202.70	203.70	0.0130		0.5000	18.0000	225.0000
1226838	203.70	204.70	0.0140		0.5000	13.0000	46.0000
1226839	204.70	205.70	0.0080		0.5000	18.0000	49.0000
1226841	205.70	206.70	0.0180		0.5000	21.0000	56.0000
1226842	206.70	207.70	0.0190		0.5000	25.0000	70.0000
1226843	207.70	208.70	0.0120		0.5000	15.0000	59.0000
1226844	208.70	209.70	0.0330		0.5000	17.0000	76.0000
1226845	209.70	210.70	0.0280		0.5000	32.0000	150.0000
1226846	210.70	211.70	0.0100		0.5000	26.0000	149.0000
1226847	211.70	212.70	0.0380		0.5000	14.0000	45.0000
1226848	212.70	213.70	0.0360		0.5000	21.0000	44.0000
1226849	213.70	214.70	0.0110		0.5000	15.0000	46.0000
1226851	214.70	215.70	0.0050		0.5000	16.0000	50.0000
1226852	215.70	216.70	0.0100		0.5000	25.0000	44.0000
1226853	216.70	217.70	0.0700		0.5000	24.0000	46.0000

Hole Number: TL11222

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226854	217.70	218.70	0.1520		0.5000	55.0000	410.0000
1226855	218.70	219.70	0.5590		2.0000	246.0000	807.0000
1226857	219.70	220.70	0.4640		0.5000	441.0000	623.0000
1226858	220.70	221.70	0.1010		0.5000	106.0000	199.0000
1226859	221.70	222.70	0.0760		0.5000	165.0000	2060.0000
1226861	222.70	223.70	0.0870		0.5000	197.0000	413.0000
1226862	223.70	224.70	0.2060		1.0000	308.0000	1382.0000
1226863	224.70	225.70	1.8220		0.5000	173.0000	2173.0000
1226864	225.70	226.70	0.0300		0.5000	74.0000	220.0000
1226865	226.70	227.70	0.0350		0.5000	106.0000	282.0000
1226866	227.70	228.70	0.0360		0.5000	142.0000	262.0000
1226867	228.70	229.70	0.0630		0.5000	100.0000	317.0000
1226868	229.70	230.63	0.8630		2.0000	562.0000	1245.0000
1226869	230.63	232.13	0.0890		0.5000	428.0000	386.0000
1226871	238.81	240.31	0.0150		0.5000	26.0000	76.0000
1226872	240.31	241.81	0.0170		0.5000	26.0000	95.0000
1226873	241.81	243.31	0.0970		2.0000	111.0000	206.0000
1226874	243.31	244.81	0.0290		0.5000	168.0000	88.0000
1226875	244.81	246.31	0.0720		3.0000	54.0000	145.0000
1226877	246.31	247.81	0.0520		5.0000	29.0000	108.0000
1226878	247.81	249.31	0.0310		1.0000	37.0000	64.0000
1226879	249.31	250.81	0.0170		0.5000	24.0000	42.0000
1226881	250.81	252.31	0.0140		2.0000	29.0000	95.0000
1226882	256.70	258.20	0.0410		8.0000	75.0000	260.0000
1226883	258.20	259.33	0.2530		60.0000	177.0000	578.0000
1226884	259.33	260.33	0.0270		2.0000	55.0000	84.0000
1226885	260.33	261.33	0.0280		2.0000	54.0000	178.0000
1226886	261.33	262.83	0.0180		1.0000	88.0000	354.0000
1226887	265.40	266.90	0.0280		1.0000	178.0000	284.0000
1226888	266.90	267.60	0.0260		1.0000	98.0000	357.0000
1226889	267.60	269.10	0.0450		1.0000	251.0000	1123.0000
1226891	269.10	270.10	0.0230		2.0000	156.0000	711.0000
1226892	270.10	270.95	0.0150		0.5000	72.0000	294.0000
1226893	270.95	271.45	0.0150		0.5000	48.0000	341.0000
1226894	271.45	272.95	0.0380		2.0000	209.0000	896.0000
1226895	275.92	277.42	0.0390		0.5000	57.0000	104.0000
1226897	277.42	277.92	0.0970		2.0000	64.0000	913.0000
1226898	277.92	279.42	0.1280		2.0000	61.0000	889.0000
1226899	289.23	290.73	0.0160		2.0000	159.0000	121.0000



Hole Number: TL11222

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1226901	290.73	291.23	0.7070		14.0000	364.0000	721.0000
1226902	291.23	292.73	0.2670		5.0000	78.0000	137.0000
1226903	299.61	301.11	0.0700		0.5000	53.0000	110.0000
1226904	301.11	302.11	0.3600		0.5000	60.0000	258.0000
1226905	302.11	303.61	0.0340		0.5000	37.0000	110.0000
1226906	328.94	330.44	0.0710		0.5000	33.0000	86.0000
1226907	330.44	331.44	0.1360		0.5000	29.0000	71.0000
1226908	331.44	332.44	0.0210		0.5000	31.0000	62.0000
1226909	332.44	333.44	0.0360		0.5000	34.0000	56.0000
1226911	333.44	334.02	0.1070		0.5000	47.0000	68.0000
1226912	334.02	334.52	0.6320		2.0000	171.0000	887.0000
1226913	334.52	335.02	0.3960		0.5000	119.0000	421.0000
1226914	335.02	335.52	0.4520		0.5000	48.0000	89.0000
1226915	335.52	336.15	0.1020		0.5000	54.0000	71.0000
1226917	336.15	337.13	0.7280		0.5000	43.0000	48.0000
1226918	337.13	338.63	0.6970		0.5000	47.0000	203.0000
1226919	343.71	345.21	0.0080		0.5000	23.0000	97.0000
1226921	345.21	345.91	0.3310		1.0000	50.0000	4234.0000
1226922	345.91	347.41	0.0470		0.5000	20.0000	235.0000
1226923	347.41	348.41	0.0190		0.5000	14.0000	76.0000
1226924	348.41	349.36	0.0230		0.5000	17.0000	64.0000
1226925	349.36	349.86	0.1370		0.5000	26.0000	193.0000
1226926	349.86	350.50	0.0230		0.5000	20.0000	72.0000
1226927	350.50	351.00	0.0480		0.5000	14.0000	74.0000
1226928	351.00	352.10	0.0160		0.5000	13.0000	56.0000
1226929	352.10	353.10	0.0430		0.5000	17.0000	44.0000
1226931	353.10	353.95	0.0530		0.5000	16.0000	59.0000
1226932	353.95	354.95	0.0740		0.5000	16.0000	67.0000
1226933	354.95	356.45	0.0450		0.5000	11.0000	87.0000
1226934	356.45	356.95	0.0250		0.5000	19.0000	58.0000
1226935	356.95	358.45	0.0370		0.5000	23.0000	654.0000
1226937	364.67	366.17	0.0780		0.5000	22.0000	89.0000
1226938	366.17	366.67	0.3330		0.5000	32.0000	212.0000
1226939	366.67	368.17	0.0040		0.5000	35.0000	113.0000
Sample Type	CDUP						
1226756	63.37	64.37	0.0350		0.5000	8.0000	191.0000
1226776	79.57	80.57	0.0100		0.5000	18.0000	96.0000
1226796	162.41	163.91	0.0170		0.5000	21.0000	124.0000
1226816	181.14	182.64	0.3170		0.5000	203.0000	353.0000

Hole Number: TL11222

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type CDUP							
1226836	201.17	202.70	0.0190		0.5000	27.0000	1738.0000
1226856	218.70	219.70	0.9730		1.0000	242.0000	918.0000
1226876	244.81	246.31	0.1090		4.0000	59.0000	168.0000
1226896	275.92	277.42	0.0380		1.0000	53.0000	89.0000
1226916	335.52	336.15	0.0310		0.5000	46.0000	74.0000
1226936	356.95	358.45	0.0280		0.5000	26.0000	533.0000

# DETAILED LOG

Hole Number: TL11223

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -70.00
Project Number: TMI-TL	North: 5511650.50	North:	Collar Az: 350.00
Location: Zealand Township	East: 527844.17	East:	Length: 552.00
	Elev: 393.72	Elev:	Start Depth: 0.00
Date Started: Aug 09, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Aug 17, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 552.00

Comments: Large Main zone from 344-438m  
 The majority is very strong sr/si altered up to ~405m where biotite becomes slightly more abundant. There is an abundance of well-developed F2 folds in and around the zone  
 There are several small intervals of abundant sulfide stringers through the top and middle of the zone including: 346.20-348m and 379.04-381.80m.  
 The best interval of mineralization is from 395.75-405m which contains abundant sulfide stringers and bands from 1-4cm wide.  
 After BMS increases, there is a small interval of stringers from 425-431m.  
 Also, there are boudinaged qz veins containing approx. 15 blebs of VG from 430.55 - 430.61m.  
 C-zone absent, predicted ~535m.  
 There are a few sections near that which have increased mineralizations, could be C-zone with Weak sr alt.  
 Moderately sericitized at EOH with a few sph stringers, could be start of C-zone or other HW.  
 RQD intervals not included due to block errors:  
 12-15m  
 39-42m  
 66-69m  
 69-72m  
 75-78m  
 81-84m  
 210-213m  
 309-312m  
 372-375m  
 411-414m  
 444-447m  
 537-540m  
 543-546m

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	350.00	-70.00	EZ Sho	OK		12.00	352.20	-70.10	EZ Sho	OK	
51.00	353.20	-69.80	EZ Sho	OK		105.00	355.40	-68.70	EZ Sho	OK	
150.00	356.60	-67.90	EZ Sho	OK		201.00	358.80	-67.60	EZ Sho	OK	
252.00	359.60	-66.80	EZ Sho	OK		306.00	358.50	-65.30	EZ Sho	OK	
351.00	359.60	-64.20	EZ Sho	OK		402.00	358.10	-60.90	EZ Sho	OK	
456.00	358.90	-58.60	EZ Sho	OK		501.00	359.70	-57.20	EZ Sho	OK	
552.00	0.70	-54.60	EZ Sho	OK							

# DETAILED LOG

Hole Number: TL11223

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	3.00	OB, Overburden									
3.00	36.00	BS, Biotite Schist Typical BS, weak alteration and mineralization. Large rubble piles from increased fracturing									
36.00	281.46	BMS, Biotite Muscovite Schist Typical dark BMS zone with very weak sr and moderate to strong si alteration. Some fracture controlled potassic and chl alteration. Fracture sets throughout with increased fracture/faulting from 68-92m. Weakly mineralized. A few boxes were broken open by drillers and spilled. These areas are: Bx 60: ~244-248m - not reconstructed very well Bx 67: ~276-280m - not reconstructed very well	1184734	271.50	273.00	1.50	0.13		2.00	455.00	983.00
			1184735	273.00	274.50	1.50	0.07		2.00	482.00	1049.00
			1184736	274.50	276.00	1.50	0.08		0.50	321.00	724.00
			1184737	280.00	281.46	1.46	0.05		0.50	51.00	147.00
281.46	294.58	MSS, Muscovite Sericite Schist Hangingwall MSS zone, strong sr/si alteration with weak chl-epi alt. Poorly mineralized	1184738	281.46	283.00	1.54	0.02		2.00	40.00	49.00
			1184739	283.00	284.00	1.00	0.02		2.00	67.00	108.00
			1184741	284.00	285.00	1.00	0.02		0.50	29.00	38.00
			1184742	285.00	286.50	1.50	0.02		2.00	35.00	26.00
			1184743	286.50	288.00	1.50	0.01		0.50	25.00	17.00
			1184744	288.00	289.50	1.50	0.02		3.00	30.00	16.00
			1184745	289.50	291.00	1.50	0.04		2.00	79.00	67.00
			1184746	289.50	291.00	1.50	0.02		2.00	75.00	120.00
			1184747	291.00	292.50	1.50	0.04		2.00	106.00	145.00
			1184748	292.50	293.50	1.00	0.07		0.50	84.00	160.00
			1184749	293.50	294.58	1.08	0.06		0.50	44.00	108.00
294.58	344.11	BMS, Biotite Muscovite Schist Typical BMS, weakly sr, moderate si alt. Poorly mineralized  Bx 83: ~343-348m - this box is on the bottom contact that goes into MSS main zone. Was reconstructed relatively well.	1184751	294.58	296.08	1.50	0.02		1.00	24.00	45.00
			1184752	342.61	344.11	1.50	0.04		2.00	30.00	86.00

DETAILED LOG

Hole Number: TL11223

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
344.11	438.62	MSS, Muscovite Sericite Schist	1184753	344.11	345.11	1.00	0.03		0.50	37.00	42.00
		Very large MSS main zone. The majority is very strong sr/si altered up to ~405m where biotite becomes slightly more abundant. There is an abundance of well-developed F2 folds in and around the zone There are several small intervals of abundant sulfide stringers through the top and middle of the zone including: 346.20-348m and 379.04-381.80m. The best interval of mineralization is from 395.75-405m which contains abundant sulfide stringers and bands from 1-4cm wide. After BMS increases, there is a small interval of stringers from 425-431m. Also, there are boudinaged qz veins containing approx. 15 blebs of VG from 430.55 - 430.61m.  Bx 83: ~343-348m - this box contains the top contact. Was reconstructed relatively well.	1184754	345.11	346.22	1.11	0.11		2.00	193.00	273.00
			1184755	346.22	347.47	1.25	1.00		13.00	1536.00	4396.00
			1184756	347.47	348.50	1.03	0.34		5.00	90.00	808.00
			1184757	348.50	349.50	1.00	0.13		1.00	24.00	482.00
			1184758	349.50	350.50	1.00	0.06		2.00	86.00	278.00
			1184759	350.50	351.50	1.00	0.05		3.00	283.00	1064.00
			1184761	351.50	352.50	1.00	0.01		0.50	105.00	285.00
			1184762	352.50	353.50	1.00	0.02		1.00	195.00	422.00
			1184763	353.50	354.50	1.00	0.03		0.50	164.00	617.00
			1184764	354.50	355.50	1.00	0.01		0.50	42.00	118.00
			1184766	355.50	357.00	1.50	0.01		2.00	40.00	79.00
			1184765	355.50	357.00	1.50	0.01		2.00	12.00	77.00
			1184767	357.00	358.50	1.50	0.01		1.00	32.00	48.00
			1184768	358.50	360.00	1.50	0.01		0.50	34.00	82.00
			1184769	360.00	361.50	1.50	0.01		0.50	28.00	146.00
			1184771	361.50	363.00	1.50	0.01		1.00	47.00	29.00
			1184772	363.00	364.50	1.50	0.02		2.00	9.00	9.00
			1184773	364.50	366.00	1.50	0.01		0.50	12.00	9.00
			1184774	366.00	367.00	1.00	0.08		0.50	8.00	8.00
			1184775	367.00	368.00	1.00	0.01		0.50	6.00	8.00
			1184776	368.00	369.00	1.00	0.02		2.00	14.00	14.00
			1184777	369.00	370.50	1.50	0.03		0.50	13.00	21.00
			1184778	370.50	372.00	1.50	0.05		1.00	20.00	87.00
			1184779	372.00	373.50	1.50	0.14		1.00	10.00	105.00
			1184781	373.50	375.00	1.50	0.04		2.00	25.00	90.00
			1184782	375.00	376.00	1.00	0.03		2.00	36.00	342.00
			1184783	376.00	377.00	1.00	0.01		1.00	37.00	187.00
			1184784	377.00	378.00	1.00	0.01		3.00	154.00	280.00
		1184785	378.00	378.90	0.90	0.02		5.00	100.00	89.00	
		1184786	378.00	378.90	0.90	0.01		2.00	111.00	111.00	
		1184787	378.90	379.90	1.00	0.01		0.50	109.00	321.00	
		1184788	379.90	381.00	1.10	0.07		3.00	314.00	953.00	
		1184789	381.00	382.00	1.00	0.10		0.50	501.00	1303.00	
		1184791	382.00	383.00	1.00	0.04		0.50	47.00	91.00	
		1184792	383.00	384.00	1.00	0.02		0.50	143.00	149.00	
		1184793	384.00	385.50	1.50	0.02		2.00	68.00	123.00	
		1184794	385.50	387.00	1.50	0.04		0.50	214.00	112.00	
		1184795	387.00	388.50	1.50	0.05		1.00	113.00	259.00	
		1184796	388.50	390.00	1.50	0.16		0.50	170.00	265.00	
		1184797	390.00	391.50	1.50	0.24		0.50	28.00	80.00	
		1184798	391.50	393.00	1.50	0.09		0.50	12.00	47.00	
		1184799	393.00	394.50	1.50	0.06		0.50	69.00	64.00	

## DETAILED LOG

Hole Number: TL11223

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1184801	394.50	395.80	1.30	0.08		0.50	151.00	169.00
			1184802	395.80	396.80	1.00	0.04		2.00	905.00	2007.00
			1184803	396.80	397.80	1.00	0.04		3.00	994.00	811.00
			1184804	397.80	398.80	1.00	0.02		1.00	639.00	491.00
			1184805	398.80	399.80	1.00	0.09		0.50	247.00	827.00
			1184806	398.80	399.80	1.00	0.37		3.00	213.00	795.00
			1184807	399.80	400.80	1.00	0.73		3.00	544.00	416.00
			1184808	400.80	401.80	1.00	1.84		7.00	3797.00	3223.00
			1184809	401.80	403.20	1.40	0.20		1.00	309.00	331.00
			1184811	403.20	404.70	1.50	3.11		16.00	6367.00	13127.00
			1184812	404.70	405.70	1.00	1.94		2.00	287.00	609.00
			1184813	405.70	406.70	1.00	0.09		3.00	75.00	196.00
			1184814	406.70	408.00	1.30	0.54		2.00	79.00	134.00
			1184815	408.00	409.50	1.50	0.03		1.00	26.00	60.00
			1184816	409.50	411.00	1.50	0.01		3.00	22.00	52.00
			1184817	411.00	412.50	1.50	0.34		4.00	155.00	205.00
			1184818	412.50	414.00	1.50	2.25		40.00	136.00	257.00
			1184819	414.00	415.50	1.50	0.26		2.00	125.00	143.00
			1184821	415.50	417.00	1.50	0.18		2.00	52.00	86.00
			1184822	417.00	418.50	1.50	1.91		3.00	143.00	175.00
			1184823	418.50	420.00	1.50	0.15		0.50	38.00	95.00
			1184824	420.00	421.00	1.00	0.04		0.50	35.00	37.00
			1184826	421.00	422.00	1.00	0.09		3.00	95.00	52.00
			1184825	421.00	422.00	1.00	0.20		3.00	272.00	119.00
			1184827	422.00	423.00	1.00	0.03		0.50	45.00	105.00
			1184828	423.00	424.00	1.00	0.05		2.00	30.00	55.00
			1184829	424.00	425.43	1.43	0.05		1.00	42.00	67.00
			1184831	425.43	426.78	1.35	0.48		4.00	602.00	984.00
			1184832	426.78	427.78	1.00	2.22		7.00	1214.00	6533.00
			1184833	427.78	429.00	1.22	0.12		0.50	69.00	80.00
			1184834	429.00	430.48	1.48	0.32		4.00	198.00	149.00
			1184835	430.48	430.98	0.50	104.67		19.00	927.00	2903.00
			1184836	430.98	432.00	1.02	0.44		3.00	123.00	207.00
			1184837	432.00	433.62	1.62	0.31		3.00	96.00	569.00
			1184838	433.62	434.62	1.00	0.08		2.00	48.00	231.00
			1184839	434.62	435.62	1.00	0.37		6.00	348.00	381.00
			1184841	435.62	436.62	1.00	0.21		1.00	126.00	110.00
			1184842	436.62	437.62	1.00	0.22		0.50	33.00	50.00
			1184843	437.62	438.62	1.00	0.52		7.00	136.00	170.00

# DETAILED LOG

Hole Number: TL11223

Units: METRIC

Detailed Lithology		Lithology	Assay Data									
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP	
438.62	552.00	BMS, Biotite Muscovite Schist Large BMS that gradationally increases in bio from top contact. There are scattered 1-2m intervals of moderate to strong sr alteration which often contain several stringers with sph, gn, and cpy. Stringers also found within darker BMS from 492-513m. Sr alt increases at EOH and has a few small stringers, could be start of C-zone and hole was not deep enough. Or the mineralization near the projected C-zone could be it but without the sr.	1184844	438.62	440.00	1.38	0.02		2.00	34.00	45.00	
			1184845	440.00	441.00	1.00	0.02			2.00	21.00	32.00
			1184846	440.00	441.00	1.00	0.03			2.00	13.00	38.00
			1184847	441.00	442.50	1.50	0.01			0.50	8.00	29.00
			1184848	442.50	444.00	1.50	0.01			1.00	8.00	37.00
			1184849	444.00	445.50	1.50	0.01			0.50	9.00	28.00
			1184851	445.50	447.00	1.50	0.01			0.50	15.00	29.00
			1184852	447.00	448.50	1.50	0.01			1.00	27.00	36.00
			1184853	448.50	450.00	1.50	0.01			2.00	92.00	61.00
			1184854	450.00	451.00	1.00	0.13			1.00	276.00	2249.00
			1184855	451.00	452.00	1.00	0.02			2.00	59.00	136.00
			1184856	452.00	453.00	1.00	0.02			0.50	25.00	94.00
			1184857	453.00	454.50	1.50	0.01			0.50	29.00	30.00
			1184858	454.50	456.00	1.50	0.01			0.50	26.00	35.00
			1184859	456.00	457.50	1.50	0.01			2.00	19.00	35.00
			1184861	457.50	459.00	1.50	0.00			2.00	21.00	26.00
			1184862	459.00	460.50	1.50	0.01			3.00	15.00	35.00
			1184863	460.50	462.00	1.50	0.02			2.00	23.00	34.00
			1184864	462.00	463.50	1.50	0.01			0.50	19.00	34.00
			1184866	463.50	465.00	1.50	0.03			3.00	23.00	49.00
			1184865	463.50	465.00	1.50	0.03			2.00	24.00	59.00
			1184867	465.00	466.50	1.50	0.01			0.50	29.00	53.00
			1184868	466.50	468.00	1.50	0.08			2.00	43.00	70.00
			1184869	468.00	469.50	1.50	0.14			2.00	717.00	1559.00
			1184871	469.50	471.00	1.50	0.07			0.50	57.00	99.00
			1184872	482.00	483.00	1.00	0.09			2.00	50.00	123.00
			1184873	483.00	484.00	1.00	0.14			4.00	120.00	1518.00
			1184874	494.70	496.20	1.50	0.20			2.00	72.00	1100.00
		1184875	496.20	497.70	1.50	0.10			2.00	57.00	113.00	
		1184876	497.70	499.20	1.50	0.09			0.50	27.00	113.00	
		1184877	499.20	500.00	0.80	0.07			2.00	26.00	210.00	
		1184878	500.00	501.00	1.00	0.02			2.00	31.00	85.00	
		1184879	501.00	502.50	1.50	0.03			4.00	290.00	671.00	
		1184881	502.50	504.00	1.50	0.13			2.00	864.00	753.00	
		1184882	508.50	510.00	1.50	0.28			1.00	355.00	505.00	
		1184883	510.00	511.50	1.50	0.41			2.00	749.00	1170.00	
		1184884	511.50	513.00	1.50	0.76			4.00	841.00	805.00	
		1184885	516.00	517.00	1.00	0.27			2.00	158.00	79.00	
		1184886	516.00	517.00	1.00	0.40			0.50	135.00	64.00	
		1184887	544.50	546.00	1.50	0.02			3.00	30.00	53.00	
		1184888	546.00	547.50	1.50	0.05			0.50	26.00	57.00	
		1184889	547.50	549.00	1.50	0.23			0.50	52.00	439.00	
		1184891	549.00	550.00	1.00	0.14			2.00	96.00	343.00	

# DETAILED LOG

Hole Number: TL11223

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1184892	550.00	551.00	1.00	0.11		2.00	81.00	610.00
			1184893	551.00	552.00	1.00	0.04		1.00	24.00	252.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184734	271.50	273.00	0.1320		2.0000	455.0000	983.0000
1184735	273.00	274.50	0.0730		2.0000	482.0000	1049.0000
1184736	274.50	276.00	0.0770		0.5000	321.0000	724.0000
1184737	280.00	281.46	0.0460		0.5000	51.0000	147.0000
1184738	281.46	283.00	0.0220		2.0000	40.0000	49.0000
1184739	283.00	284.00	0.0170		2.0000	67.0000	108.0000
1184741	284.00	285.00	0.0180		0.5000	29.0000	38.0000
1184742	285.00	286.50	0.0150		2.0000	35.0000	26.0000
1184743	286.50	288.00	0.0090		0.5000	25.0000	17.0000
1184744	288.00	289.50	0.0150		3.0000	30.0000	16.0000
1184745	289.50	291.00	0.0440		2.0000	79.0000	67.0000
1184747	291.00	292.50	0.0380		2.0000	106.0000	145.0000
1184748	292.50	293.50	0.0730		0.5000	84.0000	160.0000
1184749	293.50	294.58	0.0600		0.5000	44.0000	108.0000
1184751	294.58	296.08	0.0240		1.0000	24.0000	45.0000
1184752	342.61	344.11	0.0430		2.0000	30.0000	86.0000
1184753	344.11	345.11	0.0250		0.5000	37.0000	42.0000
1184754	345.11	346.22	0.1080		2.0000	193.0000	273.0000
1184755	346.22	347.47	1.0030		13.0000	1536.0000	4396.0000
1184756	347.47	348.50	0.3380		5.0000	90.0000	808.0000
1184757	348.50	349.50	0.1340		1.0000	24.0000	482.0000
1184758	349.50	350.50	0.0560		2.0000	86.0000	278.0000
1184759	350.50	351.50	0.0510		3.0000	283.0000	1064.0000
1184761	351.50	352.50	0.0090		0.5000	105.0000	285.0000
1184762	352.50	353.50	0.0170		1.0000	195.0000	422.0000
1184763	353.50	354.50	0.0280		0.5000	164.0000	617.0000
1184764	354.50	355.50	0.0140		0.5000	42.0000	118.0000
1184765	355.50	357.00	0.0080		2.0000	12.0000	77.0000
1184767	357.00	358.50	0.0090		1.0000	32.0000	48.0000
1184768	358.50	360.00	0.0100		0.5000	34.0000	82.0000
1184769	360.00	361.50	0.0070		0.5000	28.0000	146.0000
1184771	361.50	363.00	0.0130		1.0000	47.0000	29.0000
1184772	363.00	364.50	0.0150		2.0000	9.0000	9.0000
1184773	364.50	366.00	0.0090		0.5000	12.0000	9.0000



Hole Number: TL11223

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184774	366.00	367.00	0.0770		0.5000	8.0000	8.0000
1184775	367.00	368.00	0.0100		0.5000	6.0000	8.0000
1184776	368.00	369.00	0.0160		2.0000	14.0000	14.0000
1184777	369.00	370.50	0.0280		0.5000	13.0000	21.0000
1184778	370.50	372.00	0.0510		1.0000	20.0000	87.0000
1184779	372.00	373.50	0.1380		1.0000	10.0000	105.0000
1184781	373.50	375.00	0.0400		2.0000	25.0000	90.0000
1184782	375.00	376.00	0.0280		2.0000	36.0000	342.0000
1184783	376.00	377.00	0.0080		1.0000	37.0000	187.0000
1184784	377.00	378.00	0.0080		3.0000	154.0000	280.0000
1184785	378.00	378.90	0.0210		5.0000	100.0000	89.0000
1184787	378.90	379.90	0.0140		0.5000	109.0000	321.0000
1184788	379.90	381.00	0.0650		3.0000	314.0000	953.0000
1184789	381.00	382.00	0.1040		0.5000	501.0000	1303.0000
1184791	382.00	383.00	0.0410		0.5000	47.0000	91.0000
1184792	383.00	384.00	0.0210		0.5000	143.0000	149.0000
1184793	384.00	385.50	0.0160		2.0000	68.0000	123.0000
1184794	385.50	387.00	0.0440		0.5000	214.0000	112.0000
1184795	387.00	388.50	0.0530		1.0000	113.0000	259.0000
1184796	388.50	390.00	0.1590		0.5000	170.0000	265.0000
1184797	390.00	391.50	0.2430		0.5000	28.0000	80.0000
1184798	391.50	393.00	0.0860		0.5000	12.0000	47.0000
1184799	393.00	394.50	0.0600		0.5000	69.0000	64.0000
1184801	394.50	395.80	0.0760		0.5000	151.0000	169.0000
1184802	395.80	396.80	0.0440		2.0000	905.0000	2007.0000
1184803	396.80	397.80	0.0350		3.0000	994.0000	811.0000
1184804	397.80	398.80	0.0220		1.0000	639.0000	491.0000
1184805	398.80	399.80	0.0940		0.5000	247.0000	827.0000
1184807	399.80	400.80	0.7260		3.0000	544.0000	416.0000
1184808	400.80	401.80	1.8440		7.0000	3797.0000	3223.0000
1184809	401.80	403.20	0.2040		1.0000	309.0000	331.0000
1184811	403.20	404.70	3.1080		16.0000	6367.0000	13127.0000
1184812	404.70	405.70	1.9370		2.0000	287.0000	609.0000
1184813	405.70	406.70	0.0910		3.0000	75.0000	196.0000
1184814	406.70	408.00	0.5440		2.0000	79.0000	134.0000
1184815	408.00	409.50	0.0290		1.0000	26.0000	60.0000
1184816	409.50	411.00	0.0140		3.0000	22.0000	52.0000
1184817	411.00	412.50	0.3430		4.0000	155.0000	205.0000
1184818	412.50	414.00	2.2480		40.0000	136.0000	257.0000

Hole Number: TL11223

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184819	414.00	415.50	0.2560		2.0000	125.0000	143.0000
1184821	415.50	417.00	0.1840		2.0000	52.0000	86.0000
1184822	417.00	418.50	1.9110		3.0000	143.0000	175.0000
1184823	418.50	420.00	0.1450		0.5000	38.0000	95.0000
1184824	420.00	421.00	0.0390		0.5000	35.0000	37.0000
1184825	421.00	422.00	0.2030		3.0000	272.0000	119.0000
1184827	422.00	423.00	0.0300		0.5000	45.0000	105.0000
1184828	423.00	424.00	0.0500		2.0000	30.0000	55.0000
1184829	424.00	425.43	0.0500		1.0000	42.0000	67.0000
1184831	425.43	426.78	0.4790		4.0000	602.0000	984.0000
1184832	426.78	427.78	2.2160		7.0000	1214.0000	6533.0000
1184833	427.78	429.00	0.1200		0.5000	69.0000	80.0000
1184834	429.00	430.48	0.3150		4.0000	198.0000	149.0000
1184835	430.48	430.98	104.6710		19.0000	927.0000	2903.0000
1184836	430.98	432.00	0.4390		3.0000	123.0000	207.0000
1184837	432.00	433.62	0.3110		3.0000	96.0000	569.0000
1184838	433.62	434.62	0.0770		2.0000	48.0000	231.0000
1184839	434.62	435.62	0.3730		6.0000	348.0000	381.0000
1184841	435.62	436.62	0.2130		1.0000	126.0000	110.0000
1184842	436.62	437.62	0.2160		0.5000	33.0000	50.0000
1184843	437.62	438.62	0.5160		7.0000	136.0000	170.0000
1184844	438.62	440.00	0.0170		2.0000	34.0000	45.0000
1184845	440.00	441.00	0.0210		2.0000	21.0000	32.0000
1184847	441.00	442.50	0.0050		0.5000	8.0000	29.0000
1184848	442.50	444.00	0.0050		1.0000	8.0000	37.0000
1184849	444.00	445.50	0.0060		0.5000	9.0000	28.0000
1184851	445.50	447.00	0.0060		0.5000	15.0000	29.0000
1184852	447.00	448.50	0.0050		1.0000	27.0000	36.0000
1184853	448.50	450.00	0.0050		2.0000	92.0000	61.0000
1184854	450.00	451.00	0.1280		1.0000	276.0000	2249.0000
1184855	451.00	452.00	0.0200		2.0000	59.0000	136.0000
1184856	452.00	453.00	0.0160		0.5000	25.0000	94.0000
1184857	453.00	454.50	0.0060		0.5000	29.0000	30.0000
1184858	454.50	456.00	0.0050		0.5000	26.0000	35.0000
1184859	456.00	457.50	0.0080		2.0000	19.0000	35.0000
1184861	457.50	459.00	0.0020		2.0000	21.0000	26.0000
1184862	459.00	460.50	0.0070		3.0000	15.0000	35.0000
1184863	460.50	462.00	0.0150		2.0000	23.0000	34.0000
1184864	462.00	463.50	0.0130		0.5000	19.0000	34.0000

Hole Number: TL11223

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184865	463.50	465.00	0.0280		2.0000	24.0000	59.0000
1184867	465.00	466.50	0.0100		0.5000	29.0000	53.0000
1184868	466.50	468.00	0.0790		2.0000	43.0000	70.0000
1184869	468.00	469.50	0.1420		2.0000	717.0000	1559.0000
1184871	469.50	471.00	0.0700		0.5000	57.0000	99.0000
1184872	482.00	483.00	0.0870		2.0000	50.0000	123.0000
1184873	483.00	484.00	0.1390		4.0000	120.0000	1518.0000
1184874	494.70	496.20	0.1970		2.0000	72.0000	1100.0000
1184875	496.20	497.70	0.0970		2.0000	57.0000	113.0000
1184876	497.70	499.20	0.0860		0.5000	27.0000	113.0000
1184877	499.20	500.00	0.0670		2.0000	26.0000	210.0000
1184878	500.00	501.00	0.0170		2.0000	31.0000	85.0000
1184879	501.00	502.50	0.0300		4.0000	290.0000	671.0000
1184881	502.50	504.00	0.1270		2.0000	864.0000	753.0000
1184882	508.50	510.00	0.2780		1.0000	355.0000	505.0000
1184883	510.00	511.50	0.4060		2.0000	749.0000	1170.0000
1184884	511.50	513.00	0.7580		4.0000	841.0000	805.0000
1184885	516.00	517.00	0.2730		2.0000	158.0000	79.0000
1184887	544.50	546.00	0.0200		3.0000	30.0000	53.0000
1184888	546.00	547.50	0.0510		0.5000	26.0000	57.0000
1184889	547.50	549.00	0.2310		0.5000	52.0000	439.0000
1184891	549.00	550.00	0.1390		2.0000	96.0000	343.0000
1184892	550.00	551.00	0.1070		2.0000	81.0000	610.0000
1184893	551.00	552.00	0.0390		1.0000	24.0000	252.0000
Sample Type	CDUP						
1184746	289.50	291.00	0.0240		2.0000	75.0000	120.0000
1184766	355.50	357.00	0.0080		2.0000	40.0000	79.0000
1184786	378.00	378.90	0.0110		2.0000	111.0000	111.0000
1184806	398.80	399.80	0.3710		3.0000	213.0000	795.0000
1184826	421.00	422.00	0.0890		3.0000	95.0000	52.0000
1184846	440.00	441.00	0.0280		2.0000	13.0000	38.0000
1184866	463.50	465.00	0.0260		3.0000	23.0000	49.0000
1184886	516.00	517.00	0.4020		0.5000	135.0000	64.0000

# DETAILED LOG

Hole Number: TL11224

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -55.00
Project Number: TMI-TL	North: 5512563.75	North:	Collar Az: 320.00
Location: Zealand Township	East: 529786.37	East:	Length: 291.00
	Elev: 400.50	Elev:	Start Depth: 0.00
Date Started: Sep 26, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Sep 27, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 291.00

Comments: MSS zones:  
 116.45 - 121.75m  
 124.9 - 141.46m  
 144.91 - 171.63m  
 183.56 - 187.45m  
 232.35 - 235.67m = best mineralized zone of hole (CP, PB, Sph, Py)  
 242.13 - 245.94m  
 272.29 - 278.95m  
 RQD intervals 21-24m, 24-27m & 33-36m not included due to block error. Data exceeds limits.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	320.00	-55.00	EZ Sho	OK		42.00	319.90	-54.60	EZ Sho	OK	
102.00	322.70	-51.90	EZ Sho	OK		150.00	326.40	-49.90	EZ Sho	OK	
201.00	329.30	-48.80	EZ Sho	OK		246.00	332.30	-47.00	EZ Sho	OK	
291.00	333.00	-44.00	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	14.00	OB, Overburden									
14.00	99.50	BS, Biotite Schist									
99.50	116.45	BMS, Biotite Muscovite Schist	1227048	110.95	112.45	1.50	0.02		2.00	84.00	131.00
			1227049	112.45	113.45	1.00	0.27		2.00	52.00	187.00
			1227051	113.45	114.45	1.00	0.16		1.00	45.00	149.00
			1227052	114.45	115.45	1.00	0.03		1.00	26.00	91.00
			1227053	115.45	116.45	1.00	0.02		1.00	26.00	99.00
116.45	121.75	MSS, Muscovite Sericite Schist	1227054	116.45	117.45	1.00	0.22		0.50	35.00	146.00
			1227055	117.45	118.45	1.00	0.05		2.00	136.00	453.00
			1227056	117.45	118.45	1.00	0.06		2.00	189.00	920.00
			1227057	118.45	119.45	1.00	0.04		1.00	72.00	84.00
			1227058	119.45	120.45	1.00	0.15		2.00	82.00	191.00
			1227059	120.45	121.75	1.30	0.36		2.00	45.00	162.00
121.75	124.90	BMS, Biotite Muscovite Schist	1227061	121.75	123.25	1.50	0.10		2.00	85.00	197.00
			1227062	123.25	124.90	1.65	0.04		2.00	47.00	130.00

## DETAILED LOG

Hole Number: TL11224

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
124.90	141.46	MSS, Muscovite Sericite Schist	1227063	124.90	126.40	1.50	0.05		1.00	38.00	89.00
			1227064	126.40	127.40	1.00	0.01		1.00	11.00	49.00
			1227065	127.40	128.40	1.00	0.01		1.00	12.00	60.00
			1227066	128.40	129.40	1.00	0.01		1.00	15.00	55.00
			1227067	129.40	130.40	1.00	0.01		1.00	15.00	58.00
			1227068	130.40	131.40	1.00	0.02		1.00	17.00	98.00
			1227069	131.40	132.40	1.00	0.01		1.00	15.00	114.00
			1227071	132.40	133.40	1.00	0.01		1.00	17.00	105.00
			1227072	133.40	134.40	1.00	0.01		1.00	29.00	123.00
			1227073	134.40	135.40	1.00	0.01		1.00	34.00	168.00
			1227074	135.40	136.40	1.00	0.02		1.00	18.00	89.00
			1227075	136.40	137.40	1.00	0.01		2.00	13.00	63.00
			1227076	136.40	137.40	1.00	0.01		1.00	10.00	61.00
			1227077	137.40	138.40	1.00	0.01		1.00	13.00	78.00
			1227078	138.40	139.40	1.00	0.03		1.00	23.00	682.00
			1227079	139.40	140.40	1.00	0.01		0.50	15.00	121.00
		1227081	140.40	141.46	1.06	0.06		0.50	18.00	128.00	
141.46	144.91	BS, Biotite Schist	1227082	141.46	142.96	1.50	0.04		2.00	30.00	257.00
			1227083	142.96	143.96	1.00	0.10		2.00	37.00	882.00
			1227084	143.96	144.91	0.95	0.31		2.00	35.00	3593.00

## DETAILED LOG

Hole Number: TL11224

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
144.91	171.63	MSS, Muscovite Sericite Schist	1227085	144.91	145.91	1.00	0.02		1.00	16.00	700.0
			1227086	145.91	146.91	1.00	0.01		2.00	13.00	79.0
			1227087	146.91	147.91	1.00	0.01		1.00	16.00	68.0
			1227088	147.91	148.91	1.00	0.04		1.00	12.00	67.0
			1227089	148.91	149.91	1.00	0.02		1.00	18.00	84.0
			1227091	149.91	151.41	1.50	0.01		0.50	15.00	92.0
			1227092	151.41	152.41	1.00	0.03		1.00	24.00	245.0
			1227093	152.41	153.91	1.50	0.08		1.00	14.00	1176.0
			1227094	153.91	154.91	1.00	0.02		0.50	15.00	70.0
			1227096	154.91	155.91	1.00	0.02		0.50	16.00	64.0
			1227095	154.91	155.91	1.00	0.02		0.50	13.00	66.0
			1227097	155.91	156.91	1.00	0.02		0.50	17.00	58.0
			1227098	156.91	157.91	1.00	0.04		0.50	25.00	61.0
			1227099	157.91	158.91	1.00	1.31		2.00	275.00	735.0
			1227101	158.91	159.91	1.00	0.10		0.50	70.00	168.0
			1227102	159.91	160.91	1.00	0.79		2.00	79.00	1035.0
			1227103	160.91	161.91	1.00	3.61		24.00	367.00	2218.0
			1227104	161.91	162.91	1.00	0.31		3.00	400.00	521.0
			1227105	162.91	163.91	1.00	0.19		2.00	215.00	393.0
			1227106	163.91	164.91	1.00	0.48		1.00	158.00	874.0
			1227107	164.91	165.91	1.00	0.25		3.00	309.00	1427.0
			1227108	165.91	166.91	1.00	0.07		0.50	119.00	296.0
			1227109	166.91	167.91	1.00	0.03		0.50	53.00	156.0
			1227111	167.91	168.91	1.00	0.05		0.50	75.00	223.0
			1227112	168.91	169.91	1.00	0.04		0.50	138.00	277.0
			1227113	169.91	171.63	1.72	0.24		2.00	672.00	1048.0
171.63	183.56	BS, Biotite Schist	1227114	171.63	172.63	1.00	0.35		2.00	471.00	693.0
			1227115	172.63	173.63	1.00	0.41		2.00	193.00	561.0
			1227116	172.63	173.63	1.00	0.20		2.00	186.00	382.0
			1227117	173.63	175.13	1.50	0.10		1.00	117.00	281.0
			1227118	175.13	176.13	1.00	0.26		1.00	78.00	155.0
			1227119	176.13	177.25	1.12	0.08		1.00	108.00	161.0
			1227121	177.25	178.00	0.75	0.22		2.00	129.00	630.0
			1227122	178.00	179.00	1.00	0.11		2.00	121.00	162.0
			1227123	179.00	180.66	1.66	0.03		2.00	71.00	175.0
			1227124	180.66	181.66	1.00	0.06		3.00	68.00	161.0
			1227125	181.66	182.56	0.90	0.12		4.00	243.00	1089.0
			1227126	182.56	183.56	1.00	0.19		8.00	109.00	343.0
183.56	187.45	MSS, Muscovite Sericite Schist	1227127	183.56	184.56	1.00	0.09		4.00	91.00	347.0
			1227128	184.56	185.56	1.00	0.17		5.00	34.00	92.0
			1227129	185.56	186.56	1.00	0.46		13.00	62.00	582.0
			1227131	186.56	187.45	0.89	0.22		8.00	65.00	222.0

## DETAILED LOG

Hole Number: TL11224

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
187.45	232.35	BMS, Biotite Muscovite Schist	1227132	187.45	188.95	1.50	0.04		3.00	26.00	123.00
			1227133	188.95	190.45	1.50	0.06		3.00	25.00	134.00
			1227134	190.45	191.95	1.50	0.02		2.00	24.00	122.00
			1227135	191.95	193.45	1.50	0.02		2.00	22.00	133.00
			1227136	191.95	193.45	1.50	0.02		2.00	25.00	131.00
			1227137	193.45	194.95	1.50	0.01		2.00	32.00	102.00
			1227138	194.95	196.45	1.50	0.02		4.00	97.00	201.00
			1227139	196.45	197.95	1.50	0.02		2.00	24.00	64.00
			1227141	197.95	199.45	1.50	0.03		2.00	25.00	75.00
			1227142	199.45	200.95	1.50	0.05		7.00	86.00	225.00
			1227143	200.95	202.45	1.50	0.04		3.00	232.00	762.00
			1227144	202.45	203.95	1.50	0.02		3.00	154.00	2235.00
			1227145	203.95	204.95	1.00	0.03		1.00	108.00	230.00
			1227146	204.95	205.95	1.00	0.11		7.00	857.00	1388.00
			1227147	205.95	207.45	1.50	0.02		2.00	230.00	314.00
			1227148	207.45	208.95	1.50	0.04		3.00	628.00	1139.00
			1227149	208.95	210.45	1.50	0.04		3.00	578.00	1325.00
			1227151	210.45	211.95	1.50	0.05		4.00	542.00	1436.00
			1227152	211.95	213.45	1.50	0.02		2.00	144.00	389.00
			1227153	213.45	214.95	1.50	0.02		2.00	121.00	272.00
			1227154	214.95	216.45	1.50	0.02		2.00	129.00	324.00
			1227156	216.45	217.95	1.50	0.02		2.00	98.00	337.00
			1227155	216.45	217.95	1.50	0.02		2.00	89.00	306.00
			1227157	217.95	219.45	1.50	0.02		2.00	94.00	218.00
			1227158	219.45	220.95	1.50	0.15		4.00	55.00	242.00
			1227159	220.95	222.45	1.50	0.02		2.00	38.00	272.00
			1227161	222.45	223.95	1.50	0.01		2.00	24.00	75.00
			1227162	223.95	225.45	1.50	0.02		2.00	23.00	78.00
			1227163	225.45	226.95	1.50	0.07		2.00	28.00	96.00
			1227164	226.95	228.45	1.50	0.02		2.00	30.00	63.00
1227165	228.45	229.35	0.90	0.02		2.00	26.00	53.00			
1227166	229.35	230.85	1.50	0.02		2.00	45.00	128.00			
1227167	230.85	232.35	1.50	0.05		3.00	118.00	441.00			
232.35	235.67	MSS, Muscovite Sericite Schist	1227168	232.35	232.85	0.50	1.33		48.00	2028.00	2559.00
			1227169	232.85	233.35	0.50	0.78		15.00	903.00	3452.00
			1227171	233.35	234.56	1.21	0.05		1.00	52.00	69.00
			1227172	234.56	235.67	1.11	0.10		6.00	185.00	332.00

# DETAILED LOG

Hole Number: TL11224

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
235.67	242.13	BMS, Biotite Muscovite Schist	1227173	235.67	236.87	1.20	0.02		4.00	72.00	94.00
			1227174	236.87	237.37	0.50	0.29		185.00	229.00	1381.00
			1227175	237.37	238.63	1.26	0.02		5.00	46.00	108.00
			1227176	237.37	238.63	1.26	0.02		4.00	41.00	96.00
			1227177	238.63	239.63	1.00	0.01		2.00	39.00	79.00
			1227178	239.63	240.63	1.00	0.02		6.00	40.00	115.00
			1227179	240.63	242.13	1.50	0.02		2.00	39.00	110.00
242.13	245.94	MSS, Muscovite Sericite Schist	1227181	242.13	242.86	0.73	0.49		2.00	55.00	389.00
			1227182	242.86	244.10	1.24	0.28		1.00	49.00	93.00
			1227183	244.10	245.15	1.05	0.44		3.00	135.00	290.00
			1227184	245.15	245.94	0.79	0.09		2.00	51.00	105.00
245.94	272.29	BS, Biotite Schist	1227185	245.94	247.46	1.52	0.01		1.00	16.00	72.00
			1227186	270.79	272.29	1.50	0.02		1.00	18.00	80.00
272.29	278.95	MSS, Muscovite Sericite Schist	1227187	272.29	273.29	1.00	0.12		1.00	29.00	147.00
			1227188	273.29	274.00	0.71	0.04		0.50	23.00	59.00
			1227189	274.00	274.50	0.50	0.03		0.50	16.00	41.00
			1227191	274.50	275.40	0.90	0.02		1.00	48.00	74.00
			1227192	275.40	276.40	1.00	0.09		1.00	29.00	84.00
			1227193	276.40	277.40	1.00	0.29		2.00	48.00	187.00
			1227194	277.40	277.95	0.55	0.81		2.00	106.00	715.00
			1227196	277.95	278.95	1.00	1.33		5.00	361.00	788.00
278.95	291.00	BS, Biotite Schist	1227195	277.95	278.95	1.00	1.66		3.00	303.00	889.00
			1227197	278.95	280.45	1.50	0.03		1.00	38.00	87.00
			1227198	280.45	281.95	1.50	0.04		0.50	16.00	65.00
			1227199	281.95	283.45	1.50	0.02		0.50	6.00	51.00
			1227201	283.45	284.95	1.50	0.02		0.50	5.00	61.00
			1227202	284.95	286.50	1.55	0.02		0.50	11.00	62.00
			1227203	286.50	287.00	0.50	0.13		1.00	20.00	148.00
			1227204	287.00	288.50	1.50	0.02		1.00	13.00	76.00
			1227205	288.50	289.70	1.20	0.10		1.00	14.00	80.00
			1227206	289.70	290.20	0.50	0.02		1.00	19.00	1525.00
1227207	290.20	291.00	0.80	0.02		1.00	12.00	124.00			

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227048	110.95	112.45	0.0200		2.0000	84.0000	131.0000
1227049	112.45	113.45	0.2720		2.0000	52.0000	187.0000
1227051	113.45	114.45	0.1580		1.0000	45.0000	149.0000
1227052	114.45	115.45	0.0280		1.0000	26.0000	91.0000
1227053	115.45	116.45	0.0220		1.0000	26.0000	99.0000
1227054	116.45	117.45	0.2200		0.5000	35.0000	146.0000



Hole Number: TL11224

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227055	117.45	118.45	0.0530		2.0000	136.0000	453.0000
1227057	118.45	119.45	0.0350		1.0000	72.0000	84.0000
1227058	119.45	120.45	0.1510		2.0000	82.0000	191.0000
1227059	120.45	121.75	0.3580		2.0000	45.0000	162.0000
1227061	121.75	123.25	0.0960		2.0000	85.0000	197.0000
1227062	123.25	124.90	0.0410		2.0000	47.0000	130.0000
1227063	124.90	126.40	0.0480		1.0000	38.0000	89.0000
1227064	126.40	127.40	0.0110		1.0000	11.0000	49.0000
1227065	127.40	128.40	0.0070		1.0000	12.0000	60.0000
1227066	128.40	129.40	0.0070		1.0000	15.0000	55.0000
1227067	129.40	130.40	0.0110		1.0000	15.0000	58.0000
1227068	130.40	131.40	0.0230		1.0000	17.0000	98.0000
1227069	131.40	132.40	0.0060		1.0000	15.0000	114.0000
1227071	132.40	133.40	0.0060		1.0000	17.0000	105.0000
1227072	133.40	134.40	0.0090		1.0000	29.0000	123.0000
1227073	134.40	135.40	0.0130		1.0000	34.0000	168.0000
1227074	135.40	136.40	0.0180		1.0000	18.0000	89.0000
1227075	136.40	137.40	0.0050		2.0000	13.0000	63.0000
1227077	137.40	138.40	0.0070		1.0000	13.0000	78.0000
1227078	138.40	139.40	0.0320		1.0000	23.0000	682.0000
1227079	139.40	140.40	0.0130		0.5000	15.0000	121.0000
1227081	140.40	141.46	0.0580		0.5000	18.0000	128.0000
1227082	141.46	142.96	0.0430		2.0000	30.0000	257.0000
1227083	142.96	143.96	0.1040		2.0000	37.0000	882.0000
1227084	143.96	144.91	0.3070		2.0000	35.0000	3593.0000
1227085	144.91	145.91	0.0180		1.0000	16.0000	700.0000
1227086	145.91	146.91	0.0120		2.0000	13.0000	79.0000
1227087	146.91	147.91	0.0090		1.0000	16.0000	68.0000
1227088	147.91	148.91	0.0380		1.0000	12.0000	67.0000
1227089	148.91	149.91	0.0170		1.0000	18.0000	84.0000
1227091	149.91	151.41	0.0120		0.5000	15.0000	92.0000
1227092	151.41	152.41	0.0330		1.0000	24.0000	245.0000
1227093	152.41	153.91	0.0780		1.0000	14.0000	1176.0000
1227094	153.91	154.91	0.0150		0.5000	15.0000	70.0000
1227095	154.91	155.91	0.0160		0.5000	13.0000	66.0000
1227097	155.91	156.91	0.0150		0.5000	17.0000	58.0000
1227098	156.91	157.91	0.0400		0.5000	25.0000	61.0000
1227099	157.91	158.91	1.3120		2.0000	275.0000	735.0000
1227101	158.91	159.91	0.1010		0.5000	70.0000	168.0000

Hole Number: TL11224

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227102	159.91	160.91	0.7940		2.0000	79.0000	1035.0000
1227103	160.91	161.91	3.6060		24.0000	367.0000	2218.0000
1227104	161.91	162.91	0.3090		3.0000	400.0000	521.0000
1227105	162.91	163.91	0.1920		2.0000	215.0000	393.0000
1227106	163.91	164.91	0.4790		1.0000	158.0000	874.0000
1227107	164.91	165.91	0.2490		3.0000	309.0000	1427.0000
1227108	165.91	166.91	0.0690		0.5000	119.0000	296.0000
1227109	166.91	167.91	0.0320		0.5000	53.0000	156.0000
1227111	167.91	168.91	0.0490		0.5000	75.0000	223.0000
1227112	168.91	169.91	0.0400		0.5000	138.0000	277.0000
1227113	169.91	171.63	0.2430		2.0000	672.0000	1048.0000
1227114	171.63	172.63	0.3470		2.0000	471.0000	693.0000
1227115	172.63	173.63	0.4120		2.0000	193.0000	561.0000
1227117	173.63	175.13	0.0980		1.0000	117.0000	281.0000
1227118	175.13	176.13	0.2550		1.0000	78.0000	155.0000
1227119	176.13	177.25	0.0820		1.0000	108.0000	161.0000
1227121	177.25	178.00	0.2170		2.0000	129.0000	630.0000
1227122	178.00	179.00	0.1090		2.0000	121.0000	162.0000
1227123	179.00	180.66	0.0330		2.0000	71.0000	175.0000
1227124	180.66	181.66	0.0610		3.0000	68.0000	161.0000
1227125	181.66	182.56	0.1220		4.0000	243.0000	1089.0000
1227126	182.56	183.56	0.1890		8.0000	109.0000	343.0000
1227127	183.56	184.56	0.0910		4.0000	91.0000	347.0000
1227128	184.56	185.56	0.1720		5.0000	34.0000	92.0000
1227129	185.56	186.56	0.4630		13.0000	62.0000	582.0000
1227131	186.56	187.45	0.2210		8.0000	65.0000	222.0000
1227132	187.45	188.95	0.0390		3.0000	26.0000	123.0000
1227133	188.95	190.45	0.0630		3.0000	25.0000	134.0000
1227134	190.45	191.95	0.0230		2.0000	24.0000	122.0000
1227135	191.95	193.45	0.0200		2.0000	22.0000	133.0000
1227137	193.45	194.95	0.0110		2.0000	32.0000	102.0000
1227138	194.95	196.45	0.0150		4.0000	97.0000	201.0000
1227139	196.45	197.95	0.0180		2.0000	24.0000	64.0000
1227141	197.95	199.45	0.0250		2.0000	25.0000	75.0000
1227142	199.45	200.95	0.0470		7.0000	86.0000	225.0000
1227143	200.95	202.45	0.0430		3.0000	232.0000	762.0000
1227144	202.45	203.95	0.0220		3.0000	154.0000	2235.0000
1227145	203.95	204.95	0.0280		1.0000	108.0000	230.0000
1227146	204.95	205.95	0.1090		7.0000	857.0000	1388.0000

Hole Number: TL11224

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227147	205.95	207.45	0.0200		2.0000	230.0000	314.0000
1227148	207.45	208.95	0.0390		3.0000	628.0000	1139.0000
1227149	208.95	210.45	0.0430		3.0000	578.0000	1325.0000
1227151	210.45	211.95	0.0470		4.0000	542.0000	1436.0000
1227152	211.95	213.45	0.0220		2.0000	144.0000	389.0000
1227153	213.45	214.95	0.0180		2.0000	121.0000	272.0000
1227154	214.95	216.45	0.0190		2.0000	129.0000	324.0000
1227155	216.45	217.95	0.0150		2.0000	89.0000	306.0000
1227157	217.95	219.45	0.0200		2.0000	94.0000	218.0000
1227158	219.45	220.95	0.1530		4.0000	55.0000	242.0000
1227159	220.95	222.45	0.0240		2.0000	38.0000	272.0000
1227161	222.45	223.95	0.0110		2.0000	24.0000	75.0000
1227162	223.95	225.45	0.0180		2.0000	23.0000	78.0000
1227163	225.45	226.95	0.0720		2.0000	28.0000	96.0000
1227164	226.95	228.45	0.0230		2.0000	30.0000	63.0000
1227165	228.45	229.35	0.0160		2.0000	26.0000	53.0000
1227166	229.35	230.85	0.0210		2.0000	45.0000	128.0000
1227167	230.85	232.35	0.0490		3.0000	118.0000	441.0000
1227168	232.35	232.85	1.3260		48.0000	2028.0000	2559.0000
1227169	232.85	233.35	0.7780		15.0000	903.0000	3452.0000
1227171	233.35	234.56	0.0480		1.0000	52.0000	69.0000
1227172	234.56	235.67	0.1000		6.0000	185.0000	332.0000
1227173	235.67	236.87	0.0190		4.0000	72.0000	94.0000
1227174	236.87	237.37	0.2910		185.0000	229.0000	1381.0000
1227175	237.37	238.63	0.0160		5.0000	46.0000	108.0000
1227177	238.63	239.63	0.0080		2.0000	39.0000	79.0000
1227178	239.63	240.63	0.0160		6.0000	40.0000	115.0000
1227179	240.63	242.13	0.0170		2.0000	39.0000	110.0000
1227181	242.13	242.86	0.4930		2.0000	55.0000	389.0000
1227182	242.86	244.10	0.2790		1.0000	49.0000	93.0000
1227183	244.10	245.15	0.4370		3.0000	135.0000	290.0000
1227184	245.15	245.94	0.0910		2.0000	51.0000	105.0000
1227185	245.94	247.46	0.0090		1.0000	16.0000	72.0000
1227186	270.79	272.29	0.0190		1.0000	18.0000	80.0000
1227187	272.29	273.29	0.1200		1.0000	29.0000	147.0000
1227188	273.29	274.00	0.0410		0.5000	23.0000	59.0000
1227189	274.00	274.50	0.0260		0.5000	16.0000	41.0000
1227191	274.50	275.40	0.0230		1.0000	48.0000	74.0000
1227192	275.40	276.40	0.0870		1.0000	29.0000	84.0000

Hole Number: TL11224

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227193	276.40	277.40	0.2920		2.0000	48.0000	187.0000
1227194	277.40	277.95	0.8140		2.0000	106.0000	715.0000
1227195	277.95	278.95	1.6550		3.0000	303.0000	889.0000
1227197	278.95	280.45	0.0260		1.0000	38.0000	87.0000
1227198	280.45	281.95	0.0440		0.5000	16.0000	65.0000
1227199	281.95	283.45	0.0170		0.5000	6.0000	51.0000
1227201	283.45	284.95	0.0150		0.5000	5.0000	61.0000
1227202	284.95	286.50	0.0210		0.5000	11.0000	62.0000
1227203	286.50	287.00	0.1320		1.0000	20.0000	148.0000
1227204	287.00	288.50	0.0220		1.0000	13.0000	76.0000
1227205	288.50	289.70	0.1010		1.0000	14.0000	80.0000
1227206	289.70	290.20	0.0240		1.0000	19.0000	1525.0000
1227207	290.20	291.00	0.0240		1.0000	12.0000	124.0000
Sample Type	CDUP						
1227056	117.45	118.45	0.0640		2.0000	189.0000	920.0000
1227076	136.40	137.40	0.0070		1.0000	10.0000	61.0000
1227096	154.91	155.91	0.0180		0.5000	16.0000	64.0000
1227116	172.63	173.63	0.2020		2.0000	186.0000	382.0000
1227136	191.95	193.45	0.0150		2.0000	25.0000	131.0000
1227156	216.45	217.95	0.0170		2.0000	98.0000	337.0000
1227176	237.37	238.63	0.0190		4.0000	41.0000	96.0000
1227196	277.95	278.95	1.3250		5.0000	361.0000	788.0000

# DETAILED LOG

Hole Number: TL11225

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -55.00
Project Number: TMI-TL	North: 5512599.02	North:	Collar Az: 320.00
Location: Zealand Township	East: 529735.50	East:	Length: 294.00
	Elev: 401.38	Elev:	Start Depth: 0.00
Date Started: Oct 01, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Oct 02, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 294.00

Comments: Mss zones:  
 39.43 - 46.35m  
 97.56 - 104.14m  
 107.88 - 116.17m  
 203.55 - 213.31m  
 241 - 245.31m  
 RQD interval 180-183m not included due to block error. Data exceeds limits.

## Sample Averages

### Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	320.00	-55.00	EZ Sho	OK		24.00	319.80	-54.70	EZ Sho	OK	
60.00	321.90	-52.90	EZ Sho	OK		102.00	322.80	-51.30	EZ Sho	OK	
150.00	325.30	-48.30	EZ Sho	OK		204.00	326.30	-44.60	EZ Sho	OK	
252.00	328.30	-42.30	EZ Sho	OK		294.00	328.70	-39.60	EZ Sho	OK	

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	12.00	OB, Overburden									
12.00	21.74	BS, Biotite Schist	1227208	20.24	21.74	1.50	0.23		0.50	17.00	99.00
21.74	29.27	BMS, Biotite Muscovite Schist	1227209	21.74	23.24	1.50	0.03		0.50	18.00	72.00
			1227211	23.24	24.20	0.96	0.02		0.50	40.00	81.00
			1227212	24.20	25.00	0.80	0.02		0.50	23.00	48.00
			1227213	25.00	26.20	1.20	0.02		0.50	34.00	75.00
			1227214	26.20	27.20	1.00	0.05		0.50	45.00	1306.00
			1227215	27.20	28.00	0.80	0.14		0.50	68.00	333.00
			1227216	27.20	28.00	0.80	0.15		0.50	71.00	823.00
			1227217	28.00	28.67	0.67	0.69		0.50	76.00	134.00
			1227218	28.67	29.27	0.60	0.74		1.00	455.00	1243.00
29.27	39.43	BS, Biotite Schist	1227219	29.27	30.77	1.50	1.50		0.50	41.00	109.00
			1227221	37.93	39.43	1.50	0.06		0.50	72.00	199.00

## DETAILED LOG

Hole Number: TL11225

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
39.43	46.35	MSS, Muscovite Sericite Schist	1227222	39.43	40.43	1.00	0.04		0.50	61.00	65.00
			1227223	40.43	41.43	1.00	0.05		0.50	20.00	36.00
			1227224	41.43	42.43	1.00	0.03		0.50	69.00	64.00
			1227225	42.43	43.43	1.00	0.05		0.50	64.00	202.00
			1227226	43.43	44.43	1.00	0.03		0.50	36.00	91.00
			1227227	44.43	45.43	1.00	0.08		0.50	51.00	66.00
			1227228	45.43	46.35	0.92	0.14		0.50	46.00	71.00
46.35	57.30	BS, Biotite Schist	1227229	46.35	47.85	1.50	1.32		0.50	60.00	359.00
57.30	97.56	BMS, Biotite Muscovite Schist	1227231	94.56	96.06	1.50	0.35		0.50	220.00	1662.00
			1227232	96.06	97.56	1.50	0.13		0.50	103.00	1375.00
97.56	104.14	MSS, Muscovite Sericite Schist	1227233	97.56	98.56	1.00	1.56		0.50	278.00	2694.00
			1227234	98.56	99.08	0.52	1.06		0.50	253.00	6904.00
			1227235	99.08	100.55	1.47	0.03		0.50	50.00	183.00
			1227236	99.08	100.55	1.47	0.04		0.50	41.00	120.00
			1227237	100.55	101.55	1.00	0.06		0.50	41.00	193.00
			1227238	101.55	102.64	1.09	0.09		0.50	255.00	495.00
			1227239	102.64	103.64	1.00	0.16		0.50	280.00	258.00
104.14	107.88	BS, Biotite Schist	1227241	103.64	104.14	0.50	0.30		0.50	98.00	142.00
			1227242	104.14	105.64	1.50	0.26		0.50	84.00	161.00
			1227243	105.64	106.88	1.24	0.16		0.50	59.00	136.00
107.88	116.17	MSS, Muscovite Sericite Schist	1227244	106.88	107.88	1.00	0.06		0.50	46.00	106.00
			1227245	107.88	108.88	1.00	0.02		0.50	52.00	276.00
			1227246	108.88	109.88	1.00	0.17		0.50	162.00	207.00
			1227247	109.88	110.88	1.00	0.04		0.50	61.00	462.00
			1227248	110.88	111.88	1.00	0.01		0.50	42.00	61.00
			1227249	111.88	112.88	1.00	0.25		0.50	103.00	254.00
			1227251	112.88	113.88	1.00	0.03		0.50	87.00	216.00
1227252	113.88	114.88	1.00	0.03		0.50	30.00	100.00			
1227253	114.88	116.17	1.29	0.02		0.50	28.00	120.00			
116.17	127.50	BMS, Biotite Muscovite Schist	1227254	116.17	117.67	1.50	0.03		0.50	32.00	123.00
127.50	142.80	BMS, Biotite Muscovite Schist									
142.80	153.95	BMS, Biotite Muscovite Schist	1227255	152.45	153.95	1.50	0.03		0.50	115.00	468.00
			1227256	152.45	153.95	1.50	0.03		0.50	143.00	487.00
153.95	162.58	BMS, Biotite Muscovite Schist	1227257	153.95	154.95	1.00	0.21		11.00	1568.00	2569.00
			1227258	154.95	155.95	1.00	0.30		13.00	814.00	1441.00
			1227259	155.95	156.95	1.00	0.55		47.00	435.00	960.00
			1227261	156.95	158.40	1.45	0.03		0.50	148.00	277.00
			1227262	158.40	159.40	1.00	0.08		2.00	150.00	760.00
			1227263	159.40	160.40	1.00	0.07		0.50	125.00	304.00
			1227264	160.40	161.40	1.00	0.07		0.50	62.00	194.00
1227265	161.40	162.58	1.18	0.01		0.50	26.00	77.00			



# DETAILED LOG

Hole Number: TL11225

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
249.90	294.00	BMS, Biotite Muscovite Schist	1227305	249.90	251.26	1.36	0.03		0.50	11.00	98.00
			1227306	251.26	252.26	1.00	0.03		0.50	16.00	90.00
			1227307	252.26	253.26	1.00	0.28		0.50	18.00	180.00
			1227308	253.26	254.26	1.00	0.26		0.50	22.00	633.00
			1227309	254.26	254.76	0.50	0.38		0.50	33.00	992.00
			1227311	254.76	256.26	1.50	0.19		0.50	110.00	231.00
			1227312	256.26	257.76	1.50	0.62		0.50	113.00	359.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227208	20.24	21.74	0.2290		0.5000	17.0000	99.0000
1227209	21.74	23.24	0.0310		0.5000	18.0000	72.0000
1227211	23.24	24.20	0.0150		0.5000	40.0000	81.0000
1227212	24.20	25.00	0.0160		0.5000	23.0000	48.0000
1227213	25.00	26.20	0.0150		0.5000	34.0000	75.0000
1227214	26.20	27.20	0.0510		0.5000	45.0000	1306.0000
1227215	27.20	28.00	0.1430		0.5000	68.0000	333.0000
1227217	28.00	28.67	0.6900		0.5000	76.0000	134.0000
1227218	28.67	29.27	0.7360		1.0000	455.0000	1243.0000
1227219	29.27	30.77	1.4970		0.5000	41.0000	109.0000
1227221	37.93	39.43	0.0630		0.5000	72.0000	199.0000
1227222	39.43	40.43	0.0400		0.5000	61.0000	65.0000
1227223	40.43	41.43	0.0500		0.5000	20.0000	36.0000
1227224	41.43	42.43	0.0300		0.5000	69.0000	64.0000
1227225	42.43	43.43	0.0520		0.5000	64.0000	202.0000
1227226	43.43	44.43	0.0310		0.5000	36.0000	91.0000
1227227	44.43	45.43	0.0830		0.5000	51.0000	66.0000
1227228	45.43	46.35	0.1440		0.5000	46.0000	71.0000
1227229	46.35	47.85	1.3180		0.5000	60.0000	359.0000
1227231	94.56	96.06	0.3530		0.5000	220.0000	1662.0000
1227232	96.06	97.56	0.1260		0.5000	103.0000	1375.0000
1227233	97.56	98.56	1.5550		0.5000	278.0000	2694.0000
1227234	98.56	99.08	1.0570		0.5000	253.0000	6904.0000
1227235	99.08	100.55	0.0300		0.5000	50.0000	183.0000
1227237	100.55	101.55	0.0590		0.5000	41.0000	193.0000
1227238	101.55	102.64	0.0890		0.5000	255.0000	495.0000
1227239	102.64	103.64	0.1570		0.5000	280.0000	258.0000
1227241	103.64	104.14	0.3030		0.5000	98.0000	142.0000
1227242	104.14	105.64	0.2560		0.5000	84.0000	161.0000



Hole Number: TL11225

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227243	105.64	106.88	0.1570		0.5000	59.0000	136.0000
1227244	106.88	107.88	0.0560		0.5000	46.0000	106.0000
1227245	107.88	108.88	0.0190		0.5000	52.0000	276.0000
1227246	108.88	109.88	0.1700		0.5000	162.0000	207.0000
1227247	109.88	110.88	0.0360		0.5000	61.0000	462.0000
1227248	110.88	111.88	0.0140		0.5000	42.0000	61.0000
1227249	111.88	112.88	0.2450		0.5000	103.0000	254.0000
1227251	112.88	113.88	0.0250		0.5000	87.0000	216.0000
1227252	113.88	114.88	0.0300		0.5000	30.0000	100.0000
1227253	114.88	116.17	0.0210		0.5000	28.0000	120.0000
1227254	116.17	117.67	0.0260		0.5000	32.0000	123.0000
1227255	152.45	153.95	0.0260		0.5000	115.0000	468.0000
1227257	153.95	154.95	0.2080		11.0000	1568.0000	2569.0000
1227258	154.95	155.95	0.3020		13.0000	814.0000	1441.0000
1227259	155.95	156.95	0.5520		47.0000	435.0000	960.0000
1227261	156.95	158.40	0.0290		0.5000	148.0000	277.0000
1227262	158.40	159.40	0.0780		2.0000	150.0000	760.0000
1227263	159.40	160.40	0.0660		0.5000	125.0000	304.0000
1227264	160.40	161.40	0.0700		0.5000	62.0000	194.0000
1227265	161.40	162.58	0.0110		0.5000	26.0000	77.0000
1227266	162.58	164.08	0.0120		0.5000	16.0000	74.0000
1227267	202.05	203.55	0.0240		0.5000	18.0000	72.0000
1227268	203.55	204.05	0.1290		0.5000	40.0000	294.0000
1227269	204.05	205.05	0.5150		0.5000	35.0000	990.0000
1227271	205.05	206.05	0.0270		0.5000	77.0000	82.0000
1227272	206.05	206.73	0.0700		0.5000	27.0000	69.0000
1227273	206.73	207.23	0.1040		0.5000	23.0000	69.0000
1227274	207.23	208.73	0.0260		0.5000	50.0000	112.0000
1227275	208.73	209.73	0.1020		0.5000	53.0000	239.0000
1227277	209.73	210.28	1.1950		1.0000	54.0000	1359.0000
1227278	210.28	211.25	0.0370		0.5000	45.0000	99.0000
1227279	211.25	211.75	0.0180		0.5000	23.0000	143.0000
1227281	211.75	212.81	0.0290		0.5000	29.0000	80.0000
1227282	212.81	213.31	0.0380		0.5000	25.0000	114.0000
1227283	213.31	214.81	0.1070		0.5000	26.0000	68.0000
1227284	214.81	216.31	0.0340		0.5000	21.0000	75.0000
1227285	216.31	217.81	0.0150		0.5000	14.0000	76.0000
1227286	217.81	219.31	0.0140		0.5000	13.0000	75.0000
1227287	219.31	220.14	0.0240		0.5000	18.0000	94.0000

Hole Number: TL11225

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227288	220.14	220.64	0.6280		0.5000	26.0000	3672.0000
1227289	220.64	221.81	0.0350		0.5000	24.0000	127.0000
1227291	221.81	223.31	0.0140		0.5000	17.0000	83.0000
1227292	223.31	223.81	0.1950		0.5000	25.0000	72.0000
1227293	223.81	225.31	0.0170		0.5000	13.0000	65.0000
1227294	239.50	241.00	0.0310		0.5000	18.0000	100.0000
1227295	241.00	241.95	0.0520		0.5000	18.0000	82.0000
1227297	241.95	242.75	0.0810		0.5000	23.0000	88.0000
1227298	242.75	243.81	0.1230		0.5000	70.0000	636.0000
1227299	243.81	244.81	0.8710		0.5000	161.0000	1190.0000
1227301	244.81	245.31	0.0340		0.5000	37.0000	76.0000
1227302	245.31	246.81	0.0260		0.5000	27.0000	72.0000
1227303	246.81	248.31	0.0240		0.5000	23.0000	128.0000
1227304	248.31	249.90	0.0300		0.5000	15.0000	98.0000
1227305	249.90	251.26	0.0290		0.5000	11.0000	98.0000
1227306	251.26	252.26	0.0330		0.5000	16.0000	90.0000
1227307	252.26	253.26	0.2750		0.5000	18.0000	180.0000
1227308	253.26	254.26	0.2640		0.5000	22.0000	633.0000
1227309	254.26	254.76	0.3830		0.5000	33.0000	992.0000
1227311	254.76	256.26	0.1910		0.5000	110.0000	231.0000
1227312	256.26	257.76	0.6170		0.5000	113.0000	359.0000
Sample Type	CDUP						
1227216	27.20	28.00	0.1500		0.5000	71.0000	823.0000
1227236	99.08	100.55	0.0430		0.5000	41.0000	120.0000
1227256	152.45	153.95	0.0280		0.5000	143.0000	487.0000
1227276	208.73	209.73	0.1260		0.5000	55.0000	218.0000
1227296	241.00	241.95	0.0590		0.5000	17.0000	87.0000



## DETAILED LOG

Hole Number: TL11226

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
78.00	290.26	BMS, Biotite Muscovite Schist Dark, non-banded BMS zone. Several 0.5-2m fault zones throughout. poorly altered and mineralized. From 273.75 until the bottom contact there is an increase of strongly altered patches with increased sulfide mineralization.	1184894	274.20	275.20	1.00	0.10		0.50	114.00	451.00
			1184895	275.20	276.20	1.00	1.00		70.00	1093.00	1870.00
			1184896	276.20	277.70	1.50	0.05		0.50	80.00	122.00
			1184897	277.70	279.00	1.30	0.02		0.50	53.00	52.00
			1184898	279.00	280.50	1.50	0.04		0.50	61.00	86.00
			1184899	280.50	282.00	1.50	0.03		0.50	45.00	43.00
			1184901	282.00	283.50	1.50	0.04		0.50	91.00	138.00
			1184902	283.50	285.00	1.50	0.01		0.50	70.00	252.00
			1184903	285.00	286.50	1.50	0.05		2.00	1279.00	1358.00
			1184904	286.50	288.00	1.50	0.02		0.50	86.00	129.00
			1184905	288.00	289.00	1.00	0.02		0.50	76.00	120.00
			1184906	288.00	289.00	1.00	0.01		0.50	76.00	99.00
			1184907	289.00	290.26	1.26	0.02		0.50	123.00	334.00
290.26	298.83	MSS, Muscovite Sericite Schist MSS HW zone, strong sr/si alt. Poorly mineralized	1184908	290.26	291.76	1.50	0.01		0.50	72.00	58.00
			1184909	291.76	293.26	1.50	0.00		0.50	55.00	11.00
			1184911	293.26	294.76	1.50	0.01		0.50	53.00	70.00
			1184912	294.76	296.26	1.50	0.00		0.50	55.00	33.00
			1184913	296.26	297.76	1.50	0.00		0.50	54.00	6.00
			1184914	297.76	298.83	1.07	0.01		0.50	42.00	10.00
298.83	353.66	BMS, Biotite Muscovite Schist BMS, weak sr and moderate to strong si alt. Poorly mineralized	1184915	298.83	300.33	1.50	0.01		0.50	44.00	22.00
			1184916	352.16	353.66	1.50	0.03		0.50	62.00	36.00
353.66	373.45	MSS, Muscovite Sericite Schist MSS HW zone. Strong sr and si alteration. Trace sph with abundant py stringers from 358.65-364.45.	1184917	353.66	355.00	1.34	0.05		0.50	65.00	44.00
			1184918	355.00	356.00	1.00	0.12		0.50	79.00	649.00
			1184919	356.00	357.00	1.00	0.03		0.50	56.00	186.00
			1184921	357.00	358.50	1.50	0.12		0.50	137.00	792.00
			1184922	358.50	360.00	1.50	0.02		0.50	58.00	122.00
			1184923	360.00	361.50	1.50	0.04		0.50	76.00	107.00
			1184924	361.50	363.00	1.50	0.02		0.50	71.00	129.00
			1184926	363.00	364.50	1.50	0.01		0.50	55.00	276.00
			1184925	363.00	364.50	1.50	0.02		0.50	59.00	254.00
			1184927	364.50	366.00	1.50	0.01		0.50	46.00	94.00
			1184928	366.00	367.50	1.50	0.01		0.50	43.00	122.00
			1184929	367.50	369.00	1.50	0.02		0.50	32.00	13.00
			1184931	369.00	370.50	1.50	0.01		0.50	44.00	31.00
			1184932	370.50	372.00	1.50	0.02		0.50	43.00	61.00
1184933	372.00	373.45	1.45	0.01		0.50	67.00	66.00			

## DETAILED LOG

Hole Number: TL11226

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
373.45	384.95	BMS, Biotite Muscovite Schist BMS with weak to moderate sr alt and moderate to strong silicification. Patches of strong sr sometimes contain old deformed qz veins with increased mineralization.	1184934	373.45	375.00	1.55	0.03		0.50	39.00	45.00
			1184935	375.00	376.50	1.50	0.02		0.50	43.00	42.00
			1184936	376.50	378.00	1.50	0.00		0.50	43.00	47.00
			1184937	378.00	379.50	1.50	0.03		0.50	52.00	89.00
			1184938	379.50	381.00	1.50	0.06		0.50	52.00	65.00
			1184939	381.00	382.50	1.50	0.05		0.50	74.00	103.00
			1184941	382.50	384.00	1.50	0.45		0.50	134.00	402.00
			1184942	384.00	384.95	0.95	0.02		0.50	55.00	57.00
384.95	392.98	MSS, Muscovite Sericite Schist Small MSS HW zone. Looks similar to a main zone, strong sr/si alteration. Abundant deformed translucent qz veins stretched parallel to foliation which contain the majority of increased sulfide mineralization. These qz veins are commonly micro-folded. Condensed band of sulfide stringers from 387.22-387.30m	1184943	384.95	386.00	1.05	0.01		0.50	74.00	88.00
			1184944	386.00	387.00	1.00	0.09		0.50	117.00	64.00
			1184945	387.00	388.00	1.00	0.33		2.00	960.00	2690.00
			1184946	387.00	388.00	1.00	0.10		2.00	937.00	1707.00
			1184947	388.00	389.00	1.00	0.37		0.50	134.00	722.00
			1184948	389.00	390.00	1.00	0.30		0.50	85.00	86.00
			1184949	390.00	391.00	1.00	0.36		0.50	70.00	50.00
			1184951	391.00	392.00	1.00	2.07		0.50	237.00	117.00
1184952	392.00	392.98	0.98	0.37		0.50	293.00	266.00			
392.98	411.27	BMS, Biotite Muscovite Schist BMS zone with moderate sr alteration and fine banding. Moderate silicification. Mineralized stringers found near some qz veins and in strong sr altered areas	1184953	392.98	394.50	1.52	0.02		0.50	68.00	32.00
			1184954	394.50	396.00	1.50	0.06		0.50	76.00	73.00
			1184955	396.00	397.50	1.50	0.04		5.00	708.00	758.00
			1184956	397.50	399.00	1.50	0.03		7.00	316.00	609.00
			1184957	399.00	400.50	1.50	0.01		0.50	88.00	70.00
			1184958	400.50	402.00	1.50	0.01		0.50	161.00	49.00
			1184959	402.00	403.50	1.50	0.01		0.50	103.00	92.00
			1184961	403.50	405.00	1.50	0.04		0.50	113.00	40.00
			1184962	405.00	406.00	1.00	0.01		0.50	136.00	355.00
			1184963	406.00	407.00	1.00	0.04		6.00	1503.00	2713.00
			1184964	407.00	408.00	1.00	0.01		0.50	160.00	108.00
			1184965	408.00	409.77	1.77	0.02		0.50	53.00	47.00
			1184966	408.00	409.77	1.77	0.06		0.50	54.00	41.00
			1184967	409.77	411.27	1.50	0.06		0.50	50.00	52.00

## DETAILED LOG

Hole Number: TL11226

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
411.27	426.29	MSS, Muscovite Sericite Schist MSS main zone with strong sr/si alt. Several condensed stringers throughout zone. VG found at both contacts of zone. 411.27-411.29 - Two small blebs near margin of qz vein at the top contact 426.13-426.20 - 30-40 blebs of VG up to 2-3mm in size (mostly <1mm), 3 separate micro fractures filled with gold, 1mm wide by up to 5mm long. All found within a 1-2cm wide sulfide stringer parallel to foliation	1184968	411.27	411.77	0.50	0.22		1.00	237.00	2198.00
			1184969	411.77	412.77	1.00	0.07		0.50	121.00	136.00
			1184971	412.77	414.00	1.23	0.04		0.50	184.00	478.00
			1184972	414.00	415.00	1.00	0.07		0.50	97.00	95.00
			1184973	415.00	416.00	1.00	0.13		0.50	144.00	223.00
			1184974	416.00	417.00	1.00	0.69		0.50	80.00	78.00
			1184975	417.00	418.00	1.00	0.82		2.00	128.00	226.00
			1184976	418.00	419.00	1.00	1.38		4.00	207.00	372.00
			1184977	419.00	420.00	1.00	0.77		3.00	127.00	305.00
			1184978	420.00	421.00	1.00	0.14		0.50	63.00	65.00
			1184979	421.00	422.00	1.00	0.30		0.50	169.00	204.00
			1184981	422.00	423.00	1.00	0.26		0.50	130.00	207.00
			1184982	423.00	424.00	1.00	1.89		12.00	2655.00	2336.00
			1184983	424.00	425.79	1.79	4.14		0.50	149.00	154.00
1184984	425.79	426.29	0.50	49.97		13.00	864.00	1572.00			
426.29	449.70	BMS, Biotite Muscovite Schist Small BMS zone, weak sr/si alt. poorly mineralized. Abundant, large chl-epi/silicate? bands near end of zone	1184985	426.29	427.29	1.00	0.29		0.50	64.00	84.00
			1184986	426.29	427.29	1.00	0.67		0.50	108.00	93.00
			1184987	427.29	428.79	1.50	0.41		0.50	112.00	105.00
			1184988	448.20	449.70	1.50	0.02		7.00	57.00	105.00
449.70	459.09	MSS, Muscovite Sericite Schist Small MSS FW zone, strong sr/si alteration. Poorly mineralized other than interval from 457-457.50 with condensed sulfide stringers	1184989	449.70	451.20	1.50	0.03		9.00	80.00	133.00
			1184991	451.20	452.70	1.50	0.02		0.50	51.00	32.00
			1184992	452.70	454.00	1.30	0.05		0.50	63.00	105.00
			1184993	454.00	455.00	1.00	0.17		0.50	66.00	63.00
			1184994	455.00	456.00	1.00	0.19		1.00	69.00	104.00
			1184995	456.00	457.00	1.00	0.08		0.50	65.00	59.00
			1184996	457.00	458.00	1.00	0.12		16.00	608.00	1478.00
1184997	458.00	459.09	1.09	0.12		13.00	172.00	332.00			
459.09	476.31	BMS, Biotite Muscovite Schist BMS zone, weak sr alt and strong si alt. Poorly mineralized	1184998	459.09	460.69	1.60	0.09		4.00	76.00	133.00
			1184999	474.81	476.31	1.50	0.01		0.50	46.00	38.00
476.31	480.58	MSS, Muscovite Sericite Schist MSS FW zone. Strong sr/si alteration. Poorly mineralized	1185001	476.31	478.00	1.69	0.01		0.50	45.00	14.00
			1185002	478.00	479.00	1.00	0.01		0.50	46.00	11.00
			1185003	479.00	480.58	1.58	0.01		0.50	44.00	41.00

# DETAILED LOG

Hole Number: TL11226

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
480.58	513.00	BMS, Biotite Muscovite Schist BMS with weak sr and very strong si alteration. There are patches up to .5m of strong sr alt. Sometimes include increased mineralization. Best interval from 499-502.35. Mineralized area could be C-zone with weak sr alt, or possibly have not reached it yet.	1185004	480.58	482.08	1.50	0.02		0.50	58.00	80.00
			1185005	496.00	497.00	1.00	0.08		0.50	49.00	62.00
			1185006	496.00	497.00	1.00	0.05		0.50	80.00	325.00
			1185007	497.00	498.00	1.00	0.07		0.50	75.00	411.00
			1185008	498.00	499.15	1.15	0.04		0.50	55.00	101.00
			1185009	499.15	500.15	1.00	0.23		0.50	91.00	1807.00
			1185011	500.15	501.15	1.00	0.26		1.00	258.00	738.00
			1185012	501.15	502.50	1.35	0.60		0.50	112.00	775.00
			1185013	502.50	504.00	1.50	0.04		0.50	68.00	72.00
			1185014	504.00	505.50	1.50	0.08		0.50	58.00	95.00
			1185015	505.50	507.00	1.50	0.13		0.50	46.00	130.00
			1185016	507.00	508.50	1.50	0.07		0.50	50.00	300.00
			1185017	508.50	510.00	1.50	0.08		0.50	50.00	86.00
			1185018	510.00	511.50	1.50	0.21		0.50	68.00	387.00

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184894	274.20	275.20	0.1020		0.5000	114.0000	451.0000
1184895	275.20	276.20	0.9990		70.0000	1093.0000	1870.0000
1184896	276.20	277.70	0.0520		0.5000	80.0000	122.0000
1184897	277.70	279.00	0.0210		0.5000	53.0000	52.0000
1184898	279.00	280.50	0.0380		0.5000	61.0000	86.0000
1184899	280.50	282.00	0.0260		0.5000	45.0000	43.0000
1184901	282.00	283.50	0.0360		0.5000	91.0000	138.0000
1184902	283.50	285.00	0.0090		0.5000	70.0000	252.0000
1184903	285.00	286.50	0.0500		2.0000	1279.0000	1358.0000
1184904	286.50	288.00	0.0160		0.5000	86.0000	129.0000
1184905	288.00	289.00	0.0220		0.5000	76.0000	120.0000
1184907	289.00	290.26	0.0150		0.5000	123.0000	334.0000
1184908	290.26	291.76	0.0110		0.5000	72.0000	58.0000
1184909	291.76	293.26	0.0005		0.5000	55.0000	11.0000
1184911	293.26	294.76	0.0060		0.5000	53.0000	70.0000
1184912	294.76	296.26	0.0005		0.5000	55.0000	33.0000
1184913	296.26	297.76	0.0005		0.5000	54.0000	6.0000
1184914	297.76	298.83	0.0090		0.5000	42.0000	10.0000
1184915	298.83	300.33	0.0070		0.5000	44.0000	22.0000
1184916	352.16	353.66	0.0310		0.5000	62.0000	36.0000
1184917	353.66	355.00	0.0540		0.5000	65.0000	44.0000
1184918	355.00	356.00	0.1240		0.5000	79.0000	649.0000
1184919	356.00	357.00	0.0250		0.5000	56.0000	186.0000

Hole Number: TL11226

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184921	357.00	358.50	0.1220		0.5000	137.0000	792.0000
1184922	358.50	360.00	0.0180		0.5000	58.0000	122.0000
1184923	360.00	361.50	0.0430		0.5000	76.0000	107.0000
1184924	361.50	363.00	0.0190		0.5000	71.0000	129.0000
1184925	363.00	364.50	0.0170		0.5000	59.0000	254.0000
1184927	364.50	366.00	0.0060		0.5000	46.0000	94.0000
1184928	366.00	367.50	0.0060		0.5000	43.0000	122.0000
1184929	367.50	369.00	0.0190		0.5000	32.0000	13.0000
1184931	369.00	370.50	0.0070		0.5000	44.0000	31.0000
1184932	370.50	372.00	0.0190		0.5000	43.0000	61.0000
1184933	372.00	373.45	0.0130		0.5000	67.0000	66.0000
1184934	373.45	375.00	0.0320		0.5000	39.0000	45.0000
1184935	375.00	376.50	0.0150		0.5000	43.0000	42.0000
1184936	376.50	378.00	0.0040		0.5000	43.0000	47.0000
1184937	378.00	379.50	0.0250		0.5000	52.0000	89.0000
1184938	379.50	381.00	0.0570		0.5000	52.0000	65.0000
1184939	381.00	382.50	0.0530		0.5000	74.0000	103.0000
1184941	382.50	384.00	0.4470		0.5000	134.0000	402.0000
1184942	384.00	384.95	0.0220		0.5000	55.0000	57.0000
1184943	384.95	386.00	0.0090		0.5000	74.0000	88.0000
1184944	386.00	387.00	0.0890		0.5000	117.0000	64.0000
1184945	387.00	388.00	0.3290		2.0000	960.0000	2690.0000
1184947	388.00	389.00	0.3730		0.5000	134.0000	722.0000
1184948	389.00	390.00	0.2970		0.5000	85.0000	86.0000
1184949	390.00	391.00	0.3570		0.5000	70.0000	50.0000
1184951	391.00	392.00	2.0650		0.5000	237.0000	117.0000
1184952	392.00	392.98	0.3670		0.5000	293.0000	266.0000
1184953	392.98	394.50	0.0180		0.5000	68.0000	32.0000
1184954	394.50	396.00	0.0560		0.5000	76.0000	73.0000
1184955	396.00	397.50	0.0390		5.0000	708.0000	758.0000
1184956	397.50	399.00	0.0330		7.0000	316.0000	609.0000
1184957	399.00	400.50	0.0110		0.5000	88.0000	70.0000
1184958	400.50	402.00	0.0070		0.5000	161.0000	49.0000
1184959	402.00	403.50	0.0060		0.5000	103.0000	92.0000
1184961	403.50	405.00	0.0400		0.5000	113.0000	40.0000
1184962	405.00	406.00	0.0070		0.5000	136.0000	355.0000
1184963	406.00	407.00	0.0360		6.0000	1503.0000	2713.0000
1184964	407.00	408.00	0.0120		0.5000	160.0000	108.0000
1184965	408.00	409.77	0.0230		0.5000	53.0000	47.0000



Hole Number: TL11226

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1184967	409.77	411.27	0.0630		0.5000	50.0000	52.0000
1184968	411.27	411.77	0.2210		1.0000	237.0000	2198.0000
1184969	411.77	412.77	0.0670		0.5000	121.0000	136.0000
1184971	412.77	414.00	0.0440		0.5000	184.0000	478.0000
1184972	414.00	415.00	0.0660		0.5000	97.0000	95.0000
1184973	415.00	416.00	0.1250		0.5000	144.0000	223.0000
1184974	416.00	417.00	0.6910		0.5000	80.0000	78.0000
1184975	417.00	418.00	0.8160		2.0000	128.0000	226.0000
1184976	418.00	419.00	1.3760		4.0000	207.0000	372.0000
1184977	419.00	420.00	0.7700		3.0000	127.0000	305.0000
1184978	420.00	421.00	0.1410		0.5000	63.0000	65.0000
1184979	421.00	422.00	0.2970		0.5000	169.0000	204.0000
1184981	422.00	423.00	0.2550		0.5000	130.0000	207.0000
1184982	423.00	424.00	1.8910		12.0000	2655.0000	2336.0000
1184983	424.00	425.79	4.1380		0.5000	149.0000	154.0000
1184984	425.79	426.29	49.9660		13.0000	864.0000	1572.0000
1184985	426.29	427.29	0.2910		0.5000	64.0000	84.0000
1184987	427.29	428.79	0.4130		0.5000	112.0000	105.0000
1184988	448.20	449.70	0.0210		7.0000	57.0000	105.0000
1184989	449.70	451.20	0.0300		9.0000	80.0000	133.0000
1184991	451.20	452.70	0.0150		0.5000	51.0000	32.0000
1184992	452.70	454.00	0.0540		0.5000	63.0000	105.0000
1184993	454.00	455.00	0.1710		0.5000	66.0000	63.0000
1184994	455.00	456.00	0.1920		1.0000	69.0000	104.0000
1184995	456.00	457.00	0.0820		0.5000	65.0000	59.0000
1184996	457.00	458.00	0.1240		16.0000	608.0000	1478.0000
1184997	458.00	459.09	0.1220		13.0000	172.0000	332.0000
1184998	459.09	460.69	0.0920		4.0000	76.0000	133.0000
1184999	474.81	476.31	0.0110		0.5000	46.0000	38.0000
1185001	476.31	478.00	0.0060		0.5000	45.0000	14.0000
1185002	478.00	479.00	0.0080		0.5000	46.0000	11.0000
1185003	479.00	480.58	0.0140		0.5000	44.0000	41.0000
1185004	480.58	482.08	0.0210		0.5000	58.0000	80.0000
1185005	496.00	497.00	0.0780		0.5000	49.0000	62.0000
1185007	497.00	498.00	0.0670		0.5000	75.0000	411.0000
1185008	498.00	499.15	0.0360		0.5000	55.0000	101.0000
1185009	499.15	500.15	0.2330		0.5000	91.0000	1807.0000
1185011	500.15	501.15	0.2580		1.0000	258.0000	738.0000
1185012	501.15	502.50	0.6030		0.5000	112.0000	775.0000

Hole Number: TL11226

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type ASSAY							
1185013	502.50	504.00	0.0410		0.5000	68.0000	72.0000
1185014	504.00	505.50	0.0800		0.5000	58.0000	95.0000
1185015	505.50	507.00	0.1270		0.5000	46.0000	130.0000
1185016	507.00	508.50	0.0660		0.5000	50.0000	300.0000
1185017	508.50	510.00	0.0750		0.5000	50.0000	86.0000
1185018	510.00	511.50	0.2130		0.5000	68.0000	387.0000
Sample Type CDUP							
1184906	288.00	289.00	0.0140		0.5000	76.0000	99.0000
1184926	363.00	364.50	0.0100		0.5000	55.0000	276.0000
1184946	387.00	388.00	0.1040		2.0000	937.0000	1707.0000
1184966	408.00	409.77	0.0570		0.5000	54.0000	41.0000
1184986	426.29	427.29	0.6740		0.5000	108.0000	93.0000
1185006	496.00	497.00	0.0500		0.5000	80.0000	325.0000

# DETAILED LOG

Hole Number: TL11227

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -55.00
Project Number: TMI-TL	North: 5512500.00	North:	Collar Az: 314.00
Location: Zealand Township	East: 530075.00	East:	Length: 139.80
	Elev: 413.00	Elev:	Start Depth: 0.00
Date Started: Oct 03, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Oct 03, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 139.80

Comments: Hole caved in and was lost at 139.80m. Core recovered between 1.5m - 139.80m only.  
NO MSS zones. Abundant Po.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	314.00	-55.00	EZ Sho	OK		12.00	314.20	-54.80	EZ Sho	OK	
51.00	321.10	-53.10	EZ Sho	OK		102.00	326.10	-50.90	EZ Sho	OK	

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	1.50	OB, Overburden									
1.50	64.45	BS, Biotite Schist	1227313	38.90	40.40	1.50	0.03		2.00	72.00	345.00
			1227314	40.40	41.90	1.50	0.27		8.00	202.00	942.00
			1227315	41.90	43.40	1.50	0.04		2.00	59.00	127.00
			1227316	41.90	43.40	1.50	0.04		2.00	57.00	122.00
			1227317	43.40	44.90	1.50	0.02		1.00	29.00	86.00
			1227318	44.90	46.40	1.50	0.01		1.00	21.00	82.00
			1227319	46.40	47.23	0.83	0.04		2.00	35.00	117.00
			1227321	47.23	48.73	1.50	0.11		3.00	61.00	654.00
			1227322	48.73	50.23	1.50	0.04		1.00	24.00	355.00
			1227323	50.23	51.73	1.50	0.07		2.00	283.00	1804.00
			1227324	51.73	52.73	1.00	0.04		2.00	53.00	670.00
			1227325	52.73	53.73	1.00	0.09		2.00	30.00	1148.00
			1227326	53.73	54.23	0.50	0.03		1.00	14.00	197.00

DETAILED LOG

Hole Number: TL11227

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
64.45	103.80	BMS, Biotite Muscovite Schist	1227327	71.40	72.90	1.50	0.02		0.50	6.00	65.00
			1227328	72.90	74.40	1.50	0.04		1.00	6.00	489.00
			1227329	74.40	75.40	1.00	0.03		0.50	4.00	123.00
			1227331	75.40	76.20	0.80	0.08		1.00	7.00	334.00
			1227332	76.20	77.70	1.50	0.20		0.50	8.00	71.00
			1227333	92.90	94.40	1.50	0.01		1.00	10.00	65.00
			1227334	94.40	95.90	1.50	0.08		1.00	24.00	83.00
			1227335	95.90	97.50	1.60	0.02		0.50	23.00	109.00
			1227336	95.90	97.50	1.60	0.01		1.00	16.00	83.00
			1227337	97.50	98.50	1.00	0.03		1.00	101.00	277.00
			1227338	98.50	99.27	0.77	0.02		1.00	30.00	141.00
			1227339	99.27	100.27	1.00	0.03		2.00	325.00	1182.00
			1227341	100.27	101.27	1.00	0.03		1.00	29.00	397.00
			1227342	101.27	101.77	0.50	0.05		1.00	45.00	650.00
			1227343	101.77	102.77	1.00	0.03		1.00	25.00	420.00
1227344	102.77	103.80	1.03	0.03		1.00	22.00	273.00			
103.80	139.80	BS, Biotite Schist	1227345	103.80	105.30	1.50	0.03		1.00	27.00	125.00
			1227346	135.80	137.30	1.50	0.05		2.00	41.00	124.00
			1227347	137.30	138.80	1.50	0.06		1.00	43.00	212.00
			1227348	138.80	139.30	0.50	0.10		3.00	784.00	3150.00
			1227349	139.30	139.80	0.50	0.06		1.00	33.00	132.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227313	38.90	40.40	0.0280		2.0000	72.0000	345.0000
1227314	40.40	41.90	0.2660		8.0000	202.0000	942.0000
1227315	41.90	43.40	0.0380		2.0000	59.0000	127.0000
1227317	43.40	44.90	0.0210		1.0000	29.0000	86.0000
1227318	44.90	46.40	0.0120		1.0000	21.0000	82.0000
1227319	46.40	47.23	0.0420		2.0000	35.0000	117.0000
1227321	47.23	48.73	0.1060		3.0000	61.0000	654.0000
1227322	48.73	50.23	0.0410		1.0000	24.0000	355.0000
1227323	50.23	51.73	0.0650		2.0000	283.0000	1804.0000
1227324	51.73	52.73	0.0390		2.0000	53.0000	670.0000
1227325	52.73	53.73	0.0850		2.0000	30.0000	1148.0000
1227326	53.73	54.23	0.0300		1.0000	14.0000	197.0000
1227327	71.40	72.90	0.0170		0.5000	6.0000	65.0000
1227328	72.90	74.40	0.0430		1.0000	6.0000	489.0000
1227329	74.40	75.40	0.0290		0.5000	4.0000	123.0000
1227331	75.40	76.20	0.0840		1.0000	7.0000	334.0000

Hole Number: TL11227

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227332	76.20	77.70	0.2030		0.5000	8.0000	71.0000
1227333	92.90	94.40	0.0130		1.0000	10.0000	65.0000
1227334	94.40	95.90	0.0770		1.0000	24.0000	83.0000
1227335	95.90	97.50	0.0170		0.5000	23.0000	109.0000
1227337	97.50	98.50	0.0290		1.0000	101.0000	277.0000
1227338	98.50	99.27	0.0210		1.0000	30.0000	141.0000
1227339	99.27	100.27	0.0280		2.0000	325.0000	1182.0000
1227341	100.27	101.27	0.0280		1.0000	29.0000	397.0000
1227342	101.27	101.77	0.0500		1.0000	45.0000	650.0000
1227343	101.77	102.77	0.0250		1.0000	25.0000	420.0000
1227344	102.77	103.80	0.0280		1.0000	22.0000	273.0000
1227345	103.80	105.30	0.0280		1.0000	27.0000	125.0000
1227346	135.80	137.30	0.0470		2.0000	41.0000	124.0000
1227347	137.30	138.80	0.0640		1.0000	43.0000	212.0000
1227348	138.80	139.30	0.0970		3.0000	784.0000	3150.0000
1227349	139.30	139.80	0.0630		1.0000	33.0000	132.0000
Sample Type	CDUP						
1227316	41.90	43.40	0.0380		2.0000	57.0000	122.0000
1227336	95.90	97.50	0.0130		1.0000	16.0000	83.0000

# DETAILED LOG

Hole Number: TL11228

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -70.00
Project Number: TMI-TL	North: 5511569.15	North:	Collar Az: 350.00
Location: Zealand Township	East: 527775.98	East:	Length: 624.00
	Elev: 389.40	Elev:	Start Depth: 0.00
Date Started: Aug 19, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Sep 01, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 624.00

Comments: Main zone 472-517m mostly very strong sr alteration, and moderate silicification. Common sph stringers containing gn and cpy from 475.10-479.62m. The rest of the unit is poorly mineralized other than a few uncommon stringers.

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	350.00	-70.00	EZ Sho	OK		12.00	350.40	-69.80	EZ Sho	OK	
51.00	354.20	-69.70	EZ Sho	OK		108.00	357.40	-68.10	EZ Sho	OK	
150.00	358.60	-66.80	EZ Sho	OK		201.00	359.90	-66.40	EZ Sho	OK	
249.00	6.20	-64.70	EZ Sho	OK		300.00	7.60	-63.70	EZ Sho	OK	
354.00	8.40	-62.00	EZ Sho	OK		402.00	5.90	-60.70	EZ Sho	OK	
456.00	5.50	-59.00	EZ Sho	OK		504.00	6.10	-57.40	EZ Sho	OK	
550.00	5.00	-56.00	EZ Sho	OK		600.00	4.10	-54.10	EZ Sho	OK	
624.00	3.80	-53.20	EZ Sho	OK							

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	3.00	OB, Overburden									
3.00	161.44	BS, Biotite Schist Large, dark typical BS zone.									
161.44	366.18	BMS, Biotite Muscovite Schist Large BMS zone, weak sr/si alt. Poorly mineralized	1185019	364.68	366.18	1.50	0.05		3.00	40.00	307.00
366.18	378.09	MSS, Muscovite Sericite Schist Small MSS HW zone. Strong sr/si alt, poorly mineralized	1185021	366.18	367.50	1.32	0.01		0.50	52.00	135.00
			1185022	367.50	369.00	1.50	0.02		0.50	8.00	75.00
			1185023	369.00	370.50	1.50	0.01		0.50	11.00	72.00
			1185024	370.50	372.00	1.50	0.01		0.50	23.00	51.00
			1185025	372.00	373.50	1.50	0.01		0.50	16.00	37.00
			1185026	372.00	373.50	1.50	0.01		0.50	15.00	34.00
			1185027	373.50	375.00	1.50	0.01		0.50	9.00	34.00
			1185028	375.00	376.50	1.50	0.03		0.50	32.00	76.00
			1185029	376.50	378.09	1.59	0.06		0.50	22.00	130.00
378.09	422.13	BMS, Biotite Muscovite Schist Typical BMS with weak sr/si alt. Poorly mineralized	1185031	378.09	379.59	1.50	0.02		0.50	23.00	197.00
			1185032	420.63	422.13	1.50	0.01		0.50	9.00	74.00

Hole Number: TL11228

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
422.13	444.00	MSS, Muscovite Sericite Schist	1185033	422.13	423.13	1.00	0.14		1.00	222.00	1167.00
		MSS HW zone, top half very strong sr alt, moderate to strong si alt. Common sph stringers.	1185034	423.13	424.13	1.00	0.15		0.50	69.00	1500.00
		Lower half with strong sr and very strong si alt. poorly mineralized	1185035	424.13	425.13	1.00	0.10		0.50	79.00	568.00
			1185036	425.13	426.13	1.00	0.07		0.50	61.00	293.00
			1185037	426.13	427.50	1.37	0.06		0.50	77.00	354.00
			1185038	427.50	429.00	1.50	0.12		1.00	98.00	324.00
			1185039	429.00	430.50	1.50	0.09		1.00	108.00	527.00
			1185041	430.50	432.00	1.50	0.12		0.50	36.00	314.00
			1185042	432.00	433.50	1.50	0.03		0.50	109.00	415.00
			1185043	433.50	435.00	1.50	0.01		0.50	19.00	40.00
			1185044	435.00	436.50	1.50	0.02		0.50	30.00	162.00
			1185046	436.50	438.00	1.50	0.01		0.50	1.00	29.00
			1185045	436.50	438.00	1.50	0.00		0.50	4.00	33.00
			1185047	438.00	439.50	1.50	0.01		0.50	0.50	26.00
			1185048	439.50	441.00	1.50	0.01		0.50	2.00	88.00
			1185049	441.00	442.50	1.50	0.01		0.50	16.00	70.00
			1185051	442.50	444.00	1.50	0.01		0.50	11.00	51.00
444.00	472.33	BMS, Biotite Muscovite Schist	1185052	444.00	445.50	1.50	0.01		0.50	16.00	121.00
		Typical BMS, weak sr/si alt. Poorly mineralized	1185053	470.83	472.33	1.50	0.04		0.50	110.00	201.00

DETAILED LOG

Hole Number: TL11228

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
472.33	517.15	MSS, Muscovite Sericite Schist	1185054	472.33	473.33	1.00	0.04		0.50	67.00	628.00
		MSS Main zone with mostly very strong sr alteration, and moderate silicification.	1185055	473.33	474.10	0.77	0.05		0.50	23.00	64.00
		Common sph stringers containing gn and cpy from 475.10-479.62m. The rest of the unit is poorly mineralized other than a few uncommon stringers.	1185056	474.10	475.10	1.00	0.02		0.50	38.00	84.00
			1185057	475.10	476.10	1.00	0.13		0.50	453.00	1515.00
			1185058	476.10	477.62	1.52	0.02		0.50	158.00	180.00
			1185059	477.62	478.62	1.00	0.19		0.50	158.00	341.00
			1185061	478.62	479.62	1.00	1.94		5.00	1604.00	3947.00
			1185062	479.62	480.62	1.00	0.34		0.50	97.00	128.00
			1185063	480.62	481.62	1.00	0.35		1.00	257.00	486.00
			1185064	481.62	483.00	1.38	2.39		0.50	46.00	189.00
			1185065	483.00	484.50	1.50	0.45		0.50	66.00	88.00
			1185066	483.00	484.50	1.50	4.82		0.50	45.00	105.00
			1185067	484.50	486.00	1.50	0.28		0.50	25.00	121.00
			1185068	486.00	487.50	1.50	0.63		1.00	89.00	259.00
			1185069	487.50	489.00	1.50	0.05		0.50	4.00	73.00
			1185071	489.00	490.50	1.50	0.01		0.50	61.00	98.00
			1185072	490.50	492.00	1.50	0.03		0.50	3.00	69.00
			1185073	492.00	493.50	1.50	0.07		0.50	29.00	94.00
			1185074	493.50	495.00	1.50	0.59		0.50	54.00	121.00
			1185075	495.00	496.50	1.50	0.07		0.50	128.00	390.00
			1185076	496.50	498.00	1.50	0.03		0.50	68.00	122.00
			1185077	498.00	499.50	1.50	0.12		0.50	26.00	147.00
			1185078	499.50	501.00	1.50	0.33		3.00	33.00	177.00
			1185079	501.00	502.00	1.00	0.17		0.50	37.00	73.00
			1185081	502.00	503.00	1.00	0.64		4.00	247.00	175.00
			1185082	503.00	504.00	1.00	0.05		0.50	27.00	79.00
			1185083	504.00	505.00	1.00	0.08		0.50	29.00	80.00
			1185084	505.00	506.00	1.00	0.05		0.50	12.00	47.00
			1185086	506.00	507.00	1.00	0.57		4.00	338.00	3689.00
			1185085	506.00	507.00	1.00	0.57		4.00	573.00	2578.00
			1185087	507.00	508.00	1.00	1.06		1.00	160.00	314.00
			1185088	508.00	509.00	1.00	0.42		2.00	386.00	398.00
			1185089	509.00	510.00	1.00	0.34		3.00	415.00	292.00
			1185091	510.00	511.50	1.50	0.04		0.50	22.00	67.00
			1185092	511.50	513.00	1.50	0.04		2.00	331.00	205.00
			1185093	513.00	514.00	1.00	0.08		0.50	156.00	447.00
			1185094	514.00	515.00	1.00	0.16		0.50	48.00	144.00
			1185095	515.00	516.00	1.00	0.11		0.50	76.00	677.00
			1185096	516.00	517.15	1.15	0.08		0.50	60.00	183.00



# DETAILED LOG

Hole Number: TL11228

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
517.15	624.00	BMS, Biotite Muscovite Schist Large typical BMS, weak sr/si alt. Weak mineralization other than uncommon sph stringers. Also, a large alkaline-carb dyke? (lamprophyre?) from 571.20-572.95 which contains abundant semi-massive sph and small amounts of gn and po/pent.	1185097	517.15	518.65	1.50	0.03		0.50	31.00	73.00
			1185098	540.00	541.50	1.50	0.10		1.00	116.00	181.00
			1185099	541.50	543.00	1.50	0.05		0.50	67.00	172.00
			1185101	543.00	544.50	1.50	0.16		0.50	31.00	132.00
			1185102	544.50	546.00	1.50	0.23		3.00	169.00	335.00
			1185103	546.00	547.00	1.00	0.10		2.00	261.00	716.00
			1185104	567.00	568.50	1.50	0.13		0.50	36.00	674.00
			1185105	568.50	570.00	1.50	0.32		0.50	206.00	2100.00
			1185106	568.50	570.00	1.50	0.27		2.00	408.00	1103.00
			1185107	570.00	571.20	1.20	0.08		0.50	59.00	136.00
			1185108	571.20	572.20	1.00	0.05		10.00	6354.00	23342.00
			1185109	572.20	573.00	0.80	0.13		10.00	5779.00	11626.00
		1185111	573.00	574.50	1.50	0.26		0.50	258.00	414.00	

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1185019	364.68	366.18	0.0480		3.0000	40.0000	307.0000
1185021	366.18	367.50	0.0080		0.5000	52.0000	135.0000
1185022	367.50	369.00	0.0180		0.5000	8.0000	75.0000
1185023	369.00	370.50	0.0110		0.5000	11.0000	72.0000
1185024	370.50	372.00	0.0080		0.5000	23.0000	51.0000
1185025	372.00	373.50	0.0100		0.5000	16.0000	37.0000
1185027	373.50	375.00	0.0110		0.5000	9.0000	34.0000
1185028	375.00	376.50	0.0260		0.5000	32.0000	76.0000
1185029	376.50	378.09	0.0570		0.5000	22.0000	130.0000
1185031	378.09	379.59	0.0180		0.5000	23.0000	197.0000
1185032	420.63	422.13	0.0100		0.5000	9.0000	74.0000
1185033	422.13	423.13	0.1440		1.0000	222.0000	1167.0000
1185034	423.13	424.13	0.1540		0.5000	69.0000	1500.0000
1185035	424.13	425.13	0.1000		0.5000	79.0000	568.0000
1185036	425.13	426.13	0.0720		0.5000	61.0000	293.0000
1185037	426.13	427.50	0.0600		0.5000	77.0000	354.0000
1185038	427.50	429.00	0.1240		1.0000	98.0000	324.0000
1185039	429.00	430.50	0.0940		1.0000	108.0000	527.0000
1185041	430.50	432.00	0.1160		0.5000	36.0000	314.0000
1185042	432.00	433.50	0.0250		0.5000	109.0000	415.0000
1185043	433.50	435.00	0.0110		0.5000	19.0000	40.0000
1185044	435.00	436.50	0.0170		0.5000	30.0000	162.0000
1185045	436.50	438.00	0.0030		0.5000	4.0000	33.0000
1185047	438.00	439.50	0.0070		0.5000	0.5000	26.0000

Hole Number: TL11228

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1185048	439.50	441.00	0.0070		0.5000	2.0000	88.0000
1185049	441.00	442.50	0.0110		0.5000	16.0000	70.0000
1185051	442.50	444.00	0.0100		0.5000	11.0000	51.0000
1185052	444.00	445.50	0.0070		0.5000	16.0000	121.0000
1185053	470.83	472.33	0.0390		0.5000	110.0000	201.0000
1185054	472.33	473.33	0.0350		0.5000	67.0000	628.0000
1185055	473.33	474.10	0.0520		0.5000	23.0000	64.0000
1185056	474.10	475.10	0.0200		0.5000	38.0000	84.0000
1185057	475.10	476.10	0.1290		0.5000	453.0000	1515.0000
1185058	476.10	477.62	0.0230		0.5000	158.0000	180.0000
1185059	477.62	478.62	0.1920		0.5000	158.0000	341.0000
1185061	478.62	479.62	1.9440		5.0000	1604.0000	3947.0000
1185062	479.62	480.62	0.3360		0.5000	97.0000	128.0000
1185063	480.62	481.62	0.3520		1.0000	257.0000	486.0000
1185064	481.62	483.00	2.3860		0.5000	46.0000	189.0000
1185065	483.00	484.50	0.4530		0.5000	66.0000	88.0000
1185067	484.50	486.00	0.2780		0.5000	25.0000	121.0000
1185068	486.00	487.50	0.6320		1.0000	89.0000	259.0000
1185069	487.50	489.00	0.0500		0.5000	4.0000	73.0000
1185071	489.00	490.50	0.0100		0.5000	61.0000	98.0000
1185072	490.50	492.00	0.0260		0.5000	3.0000	69.0000
1185073	492.00	493.50	0.0650		0.5000	29.0000	94.0000
1185074	493.50	495.00	0.5890		0.5000	54.0000	121.0000
1185075	495.00	496.50	0.0690		0.5000	128.0000	390.0000
1185076	496.50	498.00	0.0250		0.5000	68.0000	122.0000
1185077	498.00	499.50	0.1210		0.5000	26.0000	147.0000
1185078	499.50	501.00	0.3300		3.0000	33.0000	177.0000
1185079	501.00	502.00	0.1730		0.5000	37.0000	73.0000
1185081	502.00	503.00	0.6350		4.0000	247.0000	175.0000
1185082	503.00	504.00	0.0450		0.5000	27.0000	79.0000
1185083	504.00	505.00	0.0790		0.5000	29.0000	80.0000
1185084	505.00	506.00	0.0530		0.5000	12.0000	47.0000
1185085	506.00	507.00	0.5680		4.0000	573.0000	2578.0000
1185087	507.00	508.00	1.0600		1.0000	160.0000	314.0000
1185088	508.00	509.00	0.4160		2.0000	386.0000	398.0000
1185089	509.00	510.00	0.3400		3.0000	415.0000	292.0000
1185091	510.00	511.50	0.0350		0.5000	22.0000	67.0000
1185092	511.50	513.00	0.0430		2.0000	331.0000	205.0000
1185093	513.00	514.00	0.0790		0.5000	156.0000	447.0000

Hole Number: TL11228

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1185094	514.00	515.00	0.1550		0.5000	48.0000	144.0000
1185095	515.00	516.00	0.1090		0.5000	76.0000	677.0000
1185096	516.00	517.15	0.0790		0.5000	60.0000	183.0000
1185097	517.15	518.65	0.0260		0.5000	31.0000	73.0000
1185098	540.00	541.50	0.1040		1.0000	116.0000	181.0000
1185099	541.50	543.00	0.0470		0.5000	67.0000	172.0000
1185101	543.00	544.50	0.1570		0.5000	31.0000	132.0000
1185102	544.50	546.00	0.2330		3.0000	169.0000	335.0000
1185103	546.00	547.00	0.1020		2.0000	261.0000	716.0000
1185104	567.00	568.50	0.1280		0.5000	36.0000	674.0000
1185105	568.50	570.00	0.3210		0.5000	206.0000	2100.0000
1185107	570.00	571.20	0.0820		0.5000	59.0000	136.0000
1185108	571.20	572.20	0.0460		10.0000	6354.0000	23342.0000
1185109	572.20	573.00	0.1250		10.0000	5779.0000	11626.0000
1185111	573.00	574.50	0.2610		0.5000	258.0000	414.0000
Sample Type	CDUP						
1185026	372.00	373.50	0.0090		0.5000	15.0000	34.0000
1185046	436.50	438.00	0.0050		0.5000	1.0000	29.0000
1185066	483.00	484.50	4.8170		0.5000	45.0000	105.0000
1185086	506.00	507.00	0.5710		4.0000	338.0000	3689.0000
1185106	568.50	570.00	0.2720		2.0000	408.0000	1103.0000

# DETAILED LOG

Hole Number: TL11229

Units: METRIC

Project Name: Thunder Lake	Primary Coordinates Grid: UTM83-15	Destination Coordinates Grid: UTM83-15	Collar Dip: -50.00
Project Number: TMI-TL	North: 5512553.11	North:	Collar Az: 324.00
Location: Zealand Township	East: 529994.90	East:	Length: 357.00
	Elev: 407.51	Elev:	Start Depth: 0.00
Date Started: Oct 03, 2011	Collar Survey: Y	Plugged: N	Contractor: Distinctive Drilling
Date Completed: Oct 05, 2011	Multishot Survey: N	Hole Size: NQ2	Core Storage: Tree Nursery
	Pulse EM Survey: N	Casing: Left in Hole and Capped	Final Depth: 357.00

Comments: Interesting ser alteration. Thin-sections of this hole would be useful.

MSS zones:  
 77.47-89.55m  
 231.24-242.16m  
 242.16-301.6m  
 321.6-344.75m  
 348.77-352.85m

## Sample Averages

## Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	324.00	-50.00	EZ Sho	OK		15.00	325.20	-50.20	EZ Sho	OK	
51.00	327.40	-49.20	EZ Sho	OK		102.00	329.20	-47.50	EZ Sho	OK	
150.00	330.90	-46.20	EZ Sho	OK		201.00	331.60	-44.70	EZ Sho	OK	
252.00	333.20	-43.20	EZ Sho	OK		300.00	334.50	-41.50	EZ Sho	OK	
357.00	336.60	-40.30	EZ Sho	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
0.00	3.00	OB, Overburden									
3.00	13.28	BS, Biotite Schist	1227351	10.28	11.78	1.50	0.06		1.00	20.00	152.00
			1227352	11.78	13.28	1.50	0.03		0.50	7.00	138.00

DETAILED LOG

Hole Number: TL11229

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
13.28	38.73	BMS, Biotite Muscovite Schist	1227353	13.28	14.78	1.50	0.01		0.50	6.00	53.0
			1227354	14.78	16.28	1.50	0.01		0.50	5.00	42.0
			1227356	16.28	17.78	1.50	0.06		1.00	9.00	50.0
			1227355	16.28	17.78	1.50	0.01		0.50	8.00	42.0
			1227357	17.78	19.28	1.50	0.06		0.50	7.00	46.0
			1227358	19.28	20.78	1.50	0.02		0.50	6.00	109.0
			1227359	20.78	22.28	1.50	0.08		0.50	6.00	228.0
			1227361	22.28	23.78	1.50	0.07		0.50	8.00	110.0
			1227362	23.78	25.28	1.50	0.03		0.50	5.00	69.0
			1227363	25.28	26.78	1.50	0.01		0.50	4.00	52.0
			1227364	26.78	28.28	1.50	0.04		0.50	10.00	70.0
			1227365	28.28	29.28	1.00	0.02		0.50	14.00	82.0
			1227366	29.28	29.78	0.50	0.15		0.50	11.00	2157.0
			1227367	29.78	30.78	1.00	0.01		0.50	11.00	53.0
			1227368	30.78	32.28	1.50	0.01		0.50	8.00	63.0
			1227369	32.28	33.78	1.50	0.02		0.50	15.00	61.0
			1227371	33.78	35.28	1.50	0.02		0.50	13.00	93.0
1227372	35.28	36.28	1.00	0.05		0.50	24.00	155.0			
1227373	36.28	37.28	1.00	0.03		0.50	14.00	73.0			
1227374	37.28	38.73	1.45	0.08		0.50	10.00	85.0			
38.73	53.80	BMS, Biotite Muscovite Schist	1227376	38.73	40.23	1.50	0.02		0.50	33.00	155.0
			1227375	38.73	40.23	1.50	0.02		0.50	33.00	132.0
			1227377	52.30	53.80	1.50	0.02		0.50	31.00	106.0
53.80	62.28	BMS, Biotite Muscovite Schist	1227378	53.80	55.30	1.50	0.04		0.50	69.00	433.0
			1227379	55.30	57.00	1.70	0.03		1.00	31.00	180.0
			1227381	57.00	58.05	1.05	0.49		1.00	88.00	211.0
			1227382	58.05	58.99	0.94	0.11		1.00	103.00	180.0
			1227383	58.99	59.49	0.50	0.96		2.00	111.00	617.0
			1227384	59.49	60.99	1.50	0.27		2.00	72.00	137.0
			1227385	60.99	62.28	1.29	0.05		1.00	51.00	107.0
62.28	77.47	BS, Biotite Schist	1227386	62.28	63.78	1.50	0.04		1.00	44.00	147.0
			1227387	74.47	75.97	1.50	0.04		2.00	160.00	424.0
			1227388	75.97	77.47	1.50	0.04		1.00	99.00	356.0

DETAILED LOG

Hole Number: TL11229

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
77.47	89.55	MSS, Muscovite Sericite Schist	1227389	77.47	78.47	1.00	0.07		1.00	37.00	231.00
			1227391	78.47	79.47	1.00	0.04		0.50	15.00	236.00
			1227392	79.47	80.47	1.00	0.04		0.50	15.00	67.00
			1227393	80.47	81.47	1.00	0.01		0.50	11.00	52.00
			1227394	81.47	82.47	1.00	0.02		0.50	12.00	47.00
			1227395	82.47	83.47	1.00	0.01		0.50	13.00	50.00
			1227396	82.47	83.47	1.00	0.01		0.50	13.00	52.00
			1227397	83.47	84.47	1.00	0.01		1.00	23.00	49.00
			1227398	84.47	85.47	1.00	0.05		1.00	37.00	109.00
			1227399	85.47	86.47	1.00	0.77		1.00	143.00	266.00
			1227401	86.47	87.47	1.00	0.03		0.50	6.00	50.00
			1227402	87.47	88.52	1.05	0.04		0.50	12.00	64.00
			1227403	88.52	89.55	1.03	0.04		2.00	34.00	120.00
89.55	203.18	BS, Biotite Schist	1227404	89.55	91.05	1.50	0.03		0.50	30.00	110.00
			1227405	151.44	152.94	1.50	0.02		1.00	20.00	93.00
			1227406	152.94	154.44	1.50	0.06		1.00	22.00	85.00
			1227407	154.44	155.44	1.00	0.12		1.00	30.00	92.00
			1227408	155.44	156.94	1.50	0.04		0.50	18.00	77.00
			1227409	156.94	158.44	1.50	0.02		0.50	18.00	79.00
			1227411	201.68	203.18	1.50	0.06		1.00	19.00	178.00
203.18	231.24	BMS, Biotite Muscovite Schist	1227412	203.18	204.68	1.50	0.06		1.00	18.00	86.00
			1227413	204.68	206.18	1.50	0.02		0.50	5.00	75.00
			1227414	206.18	207.22	1.04	0.02		0.50	5.00	140.00
			1227415	207.22	208.22	1.00	0.11		0.50	9.00	3406.00
			1227416	207.22	208.22	1.00	0.10		1.00	9.00	3154.00
			1227417	208.22	209.72	1.50	0.01		0.50	8.00	74.00
			1227418	209.72	211.22	1.50	0.06		0.50	7.00	55.00
			1227419	211.22	212.72	1.50	0.02		0.50	9.00	41.00
			1227421	212.72	214.22	1.50	0.02		0.50	15.00	49.00
			1227422	214.22	215.72	1.50	0.02		0.50	28.00	59.00
			1227423	215.72	217.22	1.50	0.02		0.50	17.00	45.00
			1227424	217.22	218.72	1.50	0.01		0.50	14.00	38.00
			1227425	218.72	220.22	1.50	0.03		0.50	18.00	66.00
			1227426	220.22	221.57	1.35	0.13		1.00	16.00	79.00
			1227427	221.57	222.57	1.00	0.05		1.00	22.00	137.00
			1227428	222.57	224.07	1.50	0.06		1.00	37.00	162.00
			1227429	224.07	225.57	1.50	0.05		0.50	15.00	59.00
1227431	225.57	227.07	1.50	0.02		0.50	21.00	50.00			
1227432	227.07	228.57	1.50	0.01		0.50	19.00	76.00			
1227433	228.57	230.07	1.50	0.03		0.50	16.00	70.00			
1227434	230.07	231.24	1.17	0.04		0.50	34.00	83.00			

DETAILED LOG

Hole Number: TL11229

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
231.24	242.16	MSS, Muscovite Sericite Schist	1227435	231.24	231.74	0.50	0.03		0.50	23.00	72.00
			1227436	231.24	231.74	0.50	0.03		0.50	26.00	72.00
			1227437	231.74	232.74	1.00	0.72		13.00	5840.00	6026.00
			1227438	232.74	233.74	1.00	0.42		3.00	544.00	1251.00
			1227439	233.74	234.74	1.00	0.06		1.00	161.00	502.00
			1227441	234.74	235.74	1.00	0.13		2.00	481.00	795.00
			1227442	235.74	236.74	1.00	0.07		1.00	247.00	556.00
			1227443	236.74	237.74	1.00	0.02		0.50	115.00	116.00
			1227444	237.74	238.74	1.00	0.01		0.50	29.00	50.00
			1227445	238.74	239.74	1.00	0.04		0.50	17.00	60.00
			1227446	239.74	240.74	1.00	0.02		0.50	16.00	45.00
			1227447	240.74	241.24	0.50	0.04		0.50	26.00	47.00
			1227448	241.24	242.16	0.92	0.03		0.50	62.00	67.00

DETAILED LOG

Hole Number: TL11229

Units: METRIC

Detailed Lithology		Lithology	Assay Data								
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
242.16	301.60	MSS, Muscovite Sericite Schist	1227449	242.16	243.16	1.00	0.01		1.00	8.00	48.00
			1227451	243.16	244.16	1.00	0.01		0.50	6.00	43.00
			1227452	244.16	245.16	1.00	0.02		0.50	7.00	33.00
			1227453	245.16	246.16	1.00	0.02		0.50	4.00	25.00
			1227454	246.16	247.16	1.00	0.02		0.50	8.00	48.00
			1227455	247.16	248.16	1.00	0.01		0.50	9.00	27.00
			1227456	247.16	248.16	1.00	0.02		0.50	6.00	29.00
			1227457	248.16	249.16	1.00	0.03		0.50	6.00	29.00
			1227458	249.16	250.16	1.00	0.00		0.50	7.00	30.00
			1227459	250.16	251.16	1.00	0.01		0.50	6.00	58.00
			1227461	251.16	252.16	1.00	0.01		0.50	12.00	88.00
			1227462	252.16	253.16	1.00	0.00		0.50	8.00	31.00
			1227463	253.16	254.16	1.00	0.01		0.50	8.00	35.00
			1227464	254.16	255.16	1.00	0.01		0.50	12.00	48.00
			1227465	255.16	256.16	1.00	0.01		0.50	11.00	37.00
			1227466	256.16	257.59	1.43	0.02		0.50	12.00	61.00
			1227467	257.59	258.73	1.14	0.02		0.50	14.00	54.00
			1227468	258.73	259.73	1.00	0.01		0.50	12.00	42.00
			1227469	259.73	260.73	1.00	0.02		0.50	12.00	60.00
			1227471	260.73	261.73	1.00	0.03		0.50	14.00	86.00
			1227472	261.73	262.73	1.00	0.05		0.50	12.00	65.00
			1227473	262.73	263.73	1.00	0.04		0.50	13.00	51.00
			1227474	263.73	264.73	1.00	0.03		0.50	18.00	56.00
			1227476	264.73	265.73	1.00	0.03		0.50	19.00	63.00
			1227475	264.73	265.73	1.00	0.02		0.50	10.00	89.00
			1227477	265.73	266.73	1.00	0.03		0.50	19.00	58.00
			1227478	266.73	267.73	1.00	0.08		3.00	13.00	48.00
			1227479	267.73	268.73	1.00	0.10		0.50	11.00	50.00
			1227481	268.73	269.73	1.00	0.02		0.50	10.00	49.00
			1227482	269.73	270.73	1.00	0.05		0.50	12.00	46.00
			1227483	270.73	271.73	1.00	0.06		0.50	8.00	72.00
			1227484	271.73	272.73	1.00	0.02		0.50	16.00	46.00
			1227485	272.73	273.73	1.00	0.03		0.50	17.00	103.00
			1227486	273.73	274.73	1.00	0.04		0.50	15.00	75.00
			1227487	274.73	275.73	1.00	0.02		0.50	13.00	39.00
			1227488	275.73	276.73	1.00	0.03		0.50	14.00	42.00
			1227489	276.73	277.73	1.00	0.10		0.50	20.00	101.00
			1227491	277.73	278.73	1.00	0.10		1.00	32.00	141.00
			1227492	278.73	279.73	1.00	0.06		0.50	26.00	52.00
			1227493	279.73	280.70	0.97	0.02		0.50	9.00	34.00
			1227494	280.70	281.70	1.00	0.02		0.50	13.00	32.00
			1227495	281.70	283.00	1.30	0.04		1.00	13.00	33.00
			1227496	281.70	283.00	1.30	1.36		2.00	25.00	36.00



## DETAILED LOG

Hole Number: TL11229

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
			1227497	283.00	284.00	1.00	0.72		0.50	24.00	37.00
			1227498	284.00	284.90	0.90	0.32		5.00	1800.00	3107.00
			1227499	284.90	285.60	0.70	0.35		3.00	217.00	429.00
			1227501	285.60	286.24	0.64	0.45		2.00	91.00	213.00
			1227502	286.24	287.11	0.87	0.59		2.00	82.00	194.00
			1227503	287.11	287.61	0.50	0.16		2.00	60.00	105.00
			1227504	287.61	288.84	1.23	0.03		0.50	40.00	59.00
			1227505	288.84	289.84	1.00	0.01		0.50	20.00	44.00
			1227506	289.84	291.23	1.39	0.03		0.50	29.00	68.00
			1227507	291.23	291.73	0.50	0.16		3.00	1390.00	4637.00
			1227508	291.73	292.73	1.00	0.04		0.50	67.00	73.00
			1227509	292.73	293.56	0.83	0.05		2.00	80.00	136.00
			1227511	293.56	294.56	1.00	0.02		0.50	38.00	335.00
			1227512	294.56	295.56	1.00	0.02		0.50	26.00	552.00
			1227513	295.56	296.30	0.74	0.02		0.50	73.00	152.00
			1227514	296.30	296.80	0.50	0.05		0.50	77.00	144.00
			1227515	296.80	297.45	0.65	0.03		1.00	68.00	107.00
			1227516	296.80	297.45	0.65	0.03		0.50	72.00	101.00
			1227517	297.45	298.45	1.00	0.06		0.50	56.00	269.00
			1227518	298.45	298.95	0.50	0.38		4.00	933.00	1394.00
			1227519	298.95	299.95	1.00	0.12		0.50	118.00	283.00
			1227521	299.95	301.10	1.15	0.13		1.00	116.00	234.00
			1227522	301.10	301.60	0.50	0.25		6.00	681.00	433.00
301.60	321.60	BMS, Biotite Muscovite Schist	1227523	301.60	303.10	1.50	0.09		1.00	115.00	116.00
			1227524	303.10	304.60	1.50	0.03		2.00	49.00	112.00
			1227525	320.10	321.60	1.50	0.03		0.50	11.00	68.00

# DETAILED LOG

Hole Number: TL11229

Units: METRIC

Detailed Lithology		Lithology	Assay Data									
From	To		Sample Number	From	To	Length	Au_gpt_ALFA	Au_ppm_ALPM	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP	
321.60	344.75	MSS, Muscovite Sericite Schist	1227526	321.60	322.60	1.00	0.01		1.00	11.00	58.00	
			1227527	322.60	323.60	1.00	0.01		0.50	11.00	146.00	
			1227528	323.60	324.60	1.00	0.01			0.50	9.00	138.00
			1227529	324.60	325.60	1.00	0.01			0.50	12.00	99.00
			1227531	325.60	326.60	1.00	0.01			0.50	9.00	124.00
			1227532	326.60	327.60	1.00	0.02			1.00	9.00	162.00
			1227533	327.60	328.60	1.00	0.02			1.00	11.00	133.00
			1227534	328.60	329.60	1.00	0.02			1.00	11.00	78.00
			1227536	329.60	330.60	1.00	0.01			1.00	5.00	91.00
			1227535	329.60	330.60	1.00	0.01			1.00	9.00	103.00
			1227537	330.60	331.60	1.00	0.01			1.00	7.00	142.00
			1227538	331.60	332.60	1.00	0.01			1.00	6.00	79.00
			1227539	332.60	333.60	1.00	0.01			0.50	7.00	46.00
			1227541	333.60	334.60	1.00	0.01			1.00	7.00	57.00
			1227542	334.60	335.60	1.00	0.01			1.00	10.00	120.00
			1227543	335.60	336.60	1.00	0.01			1.00	11.00	60.00
			1227544	336.60	337.60	1.00	0.01			1.00	15.00	79.00
			1227545	337.60	338.60	1.00	0.01			1.00	10.00	52.00
			1227546	338.60	339.60	1.00	0.01			2.00	10.00	81.00
			1227547	339.60	340.60	1.00	0.01			2.00	6.00	59.00
1227548	340.60	341.60	1.00	0.01			2.00	8.00	45.00			
1227549	341.60	342.60	1.00	0.01			1.00	7.00	39.00			
1227551	342.60	343.60	1.00	0.01			4.00	165.00	200.00			
1227552	343.60	344.75	1.15	0.01			1.00	14.00	80.00			
344.75	348.77	BMS, Biotite Muscovite Schist	1227553	344.75	346.25	1.50	0.01		2.00	9.00	67.00	
			1227554	346.25	347.75	1.50	0.01		1.00	8.00	42.00	
			1227555	347.75	348.77	1.02	0.02			1.00	9.00	71.00
			1227556	347.75	348.77	1.02	0.01			1.00	11.00	127.00
348.77	352.85	MSS, Muscovite Sericite Schist	1227557	348.77	349.77	1.00	0.01		1.00	6.00	56.00	
			1227558	349.77	350.77	1.00	0.01			1.00	10.00	46.00
			1227559	350.77	351.77	1.00	0.01			1.00	8.00	41.00
			1227561	351.77	352.85	1.08	0.01			0.50	8.00	40.00
352.85	357.00	BMS, Biotite Muscovite Schist	1227562	352.85	354.35	1.50	0.01		1.00	13.00	101.00	
			1227563	354.35	355.85	1.50	0.01			2.00	15.00	133.00
			1227564	355.85	357.00	1.15	0.01			2.00	13.00	65.00

Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227351	10.28	11.78	0.0590		1.0000	20.0000	152.0000
1227352	11.78	13.28	0.0280		0.5000	7.0000	138.0000
1227353	13.28	14.78	0.0080		0.5000	6.0000	53.0000

Hole Number: TL11229

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227354	14.78	16.28	0.0090		0.5000	5.0000	42.0000
1227355	16.28	17.78	0.0120		0.5000	8.0000	42.0000
1227357	17.78	19.28	0.0570		0.5000	7.0000	46.0000
1227358	19.28	20.78	0.0230		0.5000	6.0000	109.0000
1227359	20.78	22.28	0.0830		0.5000	6.0000	228.0000
1227361	22.28	23.78	0.0700		0.5000	8.0000	110.0000
1227362	23.78	25.28	0.0300		0.5000	5.0000	69.0000
1227363	25.28	26.78	0.0080		0.5000	4.0000	52.0000
1227364	26.78	28.28	0.0440		0.5000	10.0000	70.0000
1227365	28.28	29.28	0.0210		0.5000	14.0000	82.0000
1227366	29.28	29.78	0.1460		0.5000	11.0000	2157.0000
1227367	29.78	30.78	0.0130		0.5000	11.0000	53.0000
1227368	30.78	32.28	0.0130		0.5000	8.0000	63.0000
1227369	32.28	33.78	0.0160		0.5000	15.0000	61.0000
1227371	33.78	35.28	0.0220		0.5000	13.0000	93.0000
1227372	35.28	36.28	0.0500		0.5000	24.0000	155.0000
1227373	36.28	37.28	0.0250		0.5000	14.0000	73.0000
1227374	37.28	38.73	0.0840		0.5000	10.0000	85.0000
1227375	38.73	40.23	0.0210		0.5000	33.0000	132.0000
1227377	52.30	53.80	0.0200		0.5000	31.0000	106.0000
1227378	53.80	55.30	0.0410		0.5000	69.0000	433.0000
1227379	55.30	57.00	0.0270		1.0000	31.0000	180.0000
1227381	57.00	58.05	0.4870		1.0000	88.0000	211.0000
1227382	58.05	58.99	0.1140		1.0000	103.0000	180.0000
1227383	58.99	59.49	0.9560		2.0000	111.0000	617.0000
1227384	59.49	60.99	0.2690		2.0000	72.0000	137.0000
1227385	60.99	62.28	0.0540		1.0000	51.0000	107.0000
1227386	62.28	63.78	0.0370		1.0000	44.0000	147.0000
1227387	74.47	75.97	0.0360		2.0000	160.0000	424.0000
1227388	75.97	77.47	0.0380		1.0000	99.0000	356.0000
1227389	77.47	78.47	0.0710		1.0000	37.0000	231.0000
1227391	78.47	79.47	0.0420		0.5000	15.0000	236.0000
1227392	79.47	80.47	0.0350		0.5000	15.0000	67.0000
1227393	80.47	81.47	0.0130		0.5000	11.0000	52.0000
1227394	81.47	82.47	0.0160		0.5000	12.0000	47.0000
1227395	82.47	83.47	0.0130		0.5000	13.0000	50.0000
1227397	83.47	84.47	0.0140		1.0000	23.0000	49.0000
1227398	84.47	85.47	0.0460		1.0000	37.0000	109.0000
1227399	85.47	86.47	0.7670		1.0000	143.0000	266.0000

Hole Number: TL11229

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227401	86.47	87.47	0.0250		0.5000	6.0000	50.0000
1227402	87.47	88.52	0.0380		0.5000	12.0000	64.0000
1227403	88.52	89.55	0.0390		2.0000	34.0000	120.0000
1227404	89.55	91.05	0.0260		0.5000	30.0000	110.0000
1227405	151.44	152.94	0.0190		1.0000	20.0000	93.0000
1227406	152.94	154.44	0.0610		1.0000	22.0000	85.0000
1227407	154.44	155.44	0.1160		1.0000	30.0000	92.0000
1227408	155.44	156.94	0.0420		0.5000	18.0000	77.0000
1227409	156.94	158.44	0.0190		0.5000	18.0000	79.0000
1227411	201.68	203.18	0.0610		1.0000	19.0000	178.0000
1227412	203.18	204.68	0.0620		1.0000	18.0000	86.0000
1227413	204.68	206.18	0.0170		0.5000	5.0000	75.0000
1227414	206.18	207.22	0.0180		0.5000	5.0000	140.0000
1227415	207.22	208.22	0.1080		0.5000	9.0000	3406.0000
1227417	208.22	209.72	0.0110		0.5000	8.0000	74.0000
1227418	209.72	211.22	0.0550		0.5000	7.0000	55.0000
1227419	211.22	212.72	0.0210		0.5000	9.0000	41.0000
1227421	212.72	214.22	0.0170		0.5000	15.0000	49.0000
1227422	214.22	215.72	0.0190		0.5000	28.0000	59.0000
1227423	215.72	217.22	0.0180		0.5000	17.0000	45.0000
1227424	217.22	218.72	0.0120		0.5000	14.0000	38.0000
1227425	218.72	220.22	0.0250		0.5000	18.0000	66.0000
1227426	220.22	221.57	0.1300		1.0000	16.0000	79.0000
1227427	221.57	222.57	0.0460		1.0000	22.0000	137.0000
1227428	222.57	224.07	0.0610		1.0000	37.0000	162.0000
1227429	224.07	225.57	0.0540		0.5000	15.0000	59.0000
1227431	225.57	227.07	0.0200		0.5000	21.0000	50.0000
1227432	227.07	228.57	0.0100		0.5000	19.0000	76.0000
1227433	228.57	230.07	0.0250		0.5000	16.0000	70.0000
1227434	230.07	231.24	0.0380		0.5000	34.0000	83.0000
1227435	231.24	231.74	0.0300		0.5000	23.0000	72.0000
1227437	231.74	232.74	0.7240		13.0000	5840.0000	6026.0000
1227438	232.74	233.74	0.4240		3.0000	544.0000	1251.0000
1227439	233.74	234.74	0.0560		1.0000	161.0000	502.0000
1227441	234.74	235.74	0.1300		2.0000	481.0000	795.0000
1227442	235.74	236.74	0.0650		1.0000	247.0000	556.0000
1227443	236.74	237.74	0.0210		0.5000	115.0000	116.0000
1227444	237.74	238.74	0.0140		0.5000	29.0000	50.0000
1227445	238.74	239.74	0.0380		0.5000	17.0000	60.0000

Hole Number: TL11229

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227446	239.74	240.74	0.0160		0.5000	16.0000	45.0000
1227447	240.74	241.24	0.0410		0.5000	26.0000	47.0000
1227448	241.24	242.16	0.0340		0.5000	62.0000	67.0000
1227449	242.16	243.16	0.0070		1.0000	8.0000	48.0000
1227451	243.16	244.16	0.0120		0.5000	6.0000	43.0000
1227452	244.16	245.16	0.0190		0.5000	7.0000	33.0000
1227453	245.16	246.16	0.0220		0.5000	4.0000	25.0000
1227454	246.16	247.16	0.0170		0.5000	8.0000	48.0000
1227455	247.16	248.16	0.0130		0.5000	9.0000	27.0000
1227457	248.16	249.16	0.0280		0.5000	6.0000	29.0000
1227458	249.16	250.16	0.0040		0.5000	7.0000	30.0000
1227459	250.16	251.16	0.0090		0.5000	6.0000	58.0000
1227461	251.16	252.16	0.0070		0.5000	12.0000	88.0000
1227462	252.16	253.16	0.0040		0.5000	8.0000	31.0000
1227463	253.16	254.16	0.0090		0.5000	8.0000	35.0000
1227464	254.16	255.16	0.0120		0.5000	12.0000	48.0000
1227465	255.16	256.16	0.0070		0.5000	11.0000	37.0000
1227466	256.16	257.59	0.0170		0.5000	12.0000	61.0000
1227467	257.59	258.73	0.0180		0.5000	14.0000	54.0000
1227468	258.73	259.73	0.0130		0.5000	12.0000	42.0000
1227469	259.73	260.73	0.0160		0.5000	12.0000	60.0000
1227471	260.73	261.73	0.0270		0.5000	14.0000	86.0000
1227472	261.73	262.73	0.0540		0.5000	12.0000	65.0000
1227473	262.73	263.73	0.0350		0.5000	13.0000	51.0000
1227474	263.73	264.73	0.0340		0.5000	18.0000	56.0000
1227475	264.73	265.73	0.0160		0.5000	10.0000	89.0000
1227477	265.73	266.73	0.0290		0.5000	19.0000	58.0000
1227478	266.73	267.73	0.0760		3.0000	13.0000	48.0000
1227479	267.73	268.73	0.1030		0.5000	11.0000	50.0000
1227481	268.73	269.73	0.0200		0.5000	10.0000	49.0000
1227482	269.73	270.73	0.0480		0.5000	12.0000	46.0000
1227483	270.73	271.73	0.0600		0.5000	8.0000	72.0000
1227484	271.73	272.73	0.0230		0.5000	16.0000	46.0000
1227485	272.73	273.73	0.0330		0.5000	17.0000	103.0000
1227486	273.73	274.73	0.0410		0.5000	15.0000	75.0000
1227487	274.73	275.73	0.0230		0.5000	13.0000	39.0000
1227488	275.73	276.73	0.0320		0.5000	14.0000	42.0000
1227489	276.73	277.73	0.1040		0.5000	20.0000	101.0000
1227491	277.73	278.73	0.0960		1.0000	32.0000	141.0000

Hole Number: TL11229

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227492	278.73	279.73	0.0560		0.5000	26.0000	52.0000
1227493	279.73	280.70	0.0220		0.5000	9.0000	34.0000
1227494	280.70	281.70	0.0180		0.5000	13.0000	32.0000
1227495	281.70	283.00	0.0420		1.0000	13.0000	33.0000
1227497	283.00	284.00	0.7150		0.5000	24.0000	37.0000
1227498	284.00	284.90	0.3190		5.0000	1800.0000	3107.0000
1227499	284.90	285.60	0.3520		3.0000	217.0000	429.0000
1227501	285.60	286.24	0.4520		2.0000	91.0000	213.0000
1227502	286.24	287.11	0.5860		2.0000	82.0000	194.0000
1227503	287.11	287.61	0.1600		2.0000	60.0000	105.0000
1227504	287.61	288.84	0.0290		0.5000	40.0000	59.0000
1227505	288.84	289.84	0.0060		0.5000	20.0000	44.0000
1227506	289.84	291.23	0.0310		0.5000	29.0000	68.0000
1227507	291.23	291.73	0.1620		3.0000	1390.0000	4637.0000
1227508	291.73	292.73	0.0360		0.5000	67.0000	73.0000
1227509	292.73	293.56	0.0520		2.0000	80.0000	136.0000
1227511	293.56	294.56	0.0160		0.5000	38.0000	335.0000
1227512	294.56	295.56	0.0230		0.5000	26.0000	552.0000
1227513	295.56	296.30	0.0210		0.5000	73.0000	152.0000
1227514	296.30	296.80	0.0540		0.5000	77.0000	144.0000
1227515	296.80	297.45	0.0320		1.0000	68.0000	107.0000
1227517	297.45	298.45	0.0550		0.5000	56.0000	269.0000
1227518	298.45	298.95	0.3760		4.0000	933.0000	1394.0000
1227519	298.95	299.95	0.1220		0.5000	118.0000	283.0000
1227521	299.95	301.10	0.1320		1.0000	116.0000	234.0000
1227522	301.10	301.60	0.2540		6.0000	681.0000	433.0000
1227523	301.60	303.10	0.0900		1.0000	115.0000	116.0000
1227524	303.10	304.60	0.0310		2.0000	49.0000	112.0000
1227525	320.10	321.60	0.0260		0.5000	11.0000	68.0000
1227526	321.60	322.60	0.0080		1.0000	11.0000	58.0000
1227527	322.60	323.60	0.0060		0.5000	11.0000	146.0000
1227528	323.60	324.60	0.0060		0.5000	9.0000	138.0000
1227529	324.60	325.60	0.0100		0.5000	12.0000	99.0000
1227531	325.60	326.60	0.0090		0.5000	9.0000	124.0000
1227532	326.60	327.60	0.0210		1.0000	9.0000	162.0000
1227533	327.60	328.60	0.0190		1.0000	11.0000	133.0000
1227534	328.60	329.60	0.0160		1.0000	11.0000	78.0000
1227535	329.60	330.60	0.0080		1.0000	9.0000	103.0000
1227537	330.60	331.60	0.0070		1.0000	7.0000	142.0000

Hole Number: TL11229

Units: METRIC

## Samples

Sample Number	From	To	Au_gpt_ALFA1	Au_ppm_ALPM1	Ag_ppm_ICP	Pb_ppm_ICP	Zn_ppm_ICP
Sample Type	ASSAY						
1227538	331.60	332.60	0.0090		1.0000	6.0000	79.0000
1227539	332.60	333.60	0.0060		0.5000	7.0000	46.0000
1227541	333.60	334.60	0.0120		1.0000	7.0000	57.0000
1227542	334.60	335.60	0.0080		1.0000	10.0000	120.0000
1227543	335.60	336.60	0.0050		1.0000	11.0000	60.0000
1227544	336.60	337.60	0.0090		1.0000	15.0000	79.0000
1227545	337.60	338.60	0.0080		1.0000	10.0000	52.0000
1227546	338.60	339.60	0.0090		2.0000	10.0000	81.0000
1227547	339.60	340.60	0.0140		2.0000	6.0000	59.0000
1227548	340.60	341.60	0.0070		2.0000	8.0000	45.0000
1227549	341.60	342.60	0.0070		1.0000	7.0000	39.0000
1227551	342.60	343.60	0.0090		4.0000	165.0000	200.0000
1227552	343.60	344.75	0.0100		1.0000	14.0000	80.0000
1227553	344.75	346.25	0.0070		2.0000	9.0000	67.0000
1227554	346.25	347.75	0.0060		1.0000	8.0000	42.0000
1227555	347.75	348.77	0.0170		1.0000	9.0000	71.0000
1227557	348.77	349.77	0.0060		1.0000	6.0000	56.0000
1227558	349.77	350.77	0.0080		1.0000	10.0000	46.0000
1227559	350.77	351.77	0.0090		1.0000	8.0000	41.0000
1227561	351.77	352.85	0.0060		0.5000	8.0000	40.0000
1227562	352.85	354.35	0.0120		1.0000	13.0000	101.0000
1227563	354.35	355.85	0.0110		2.0000	15.0000	133.0000
1227564	355.85	357.00	0.0070		2.0000	13.0000	65.0000
Sample Type	CDUP						
1227356	16.28	17.78	0.0640		1.0000	9.0000	50.0000
1227376	38.73	40.23	0.0240		0.5000	33.0000	155.0000
1227396	82.47	83.47	0.0110		0.5000	13.0000	52.0000
1227416	207.22	208.22	0.0980		1.0000	9.0000	3154.0000
1227436	231.24	231.74	0.0280		0.5000	26.0000	72.0000
1227456	247.16	248.16	0.0150		0.5000	6.0000	29.0000
1227476	264.73	265.73	0.0260		0.5000	19.0000	63.0000
1227496	281.70	283.00	1.3630		2.0000	25.0000	36.0000
1227516	296.80	297.45	0.0280		0.5000	72.0000	101.0000
1227536	329.60	330.60	0.0080		1.0000	5.0000	91.0000
1227556	347.75	348.77	0.0080		1.0000	11.0000	127.0000