

ERL 125 MT. FITCH SOUTH

Hole O3MF01

Co-ordinates: AMG (GPS)8566884 N 711615 E Local grid 60145 N 26330 E

Inclination 70° Direction 50° M Total Depth: 142 m

Start Date: 21 October, 2003 Completion Date: 26 October, 2003

Composite Sample No	From	To	Int	Description
58901	0	1	1	Light brown, weathered shale, sericite
	1	4	3	Greyish orange, weathered shale, sericite
	4	5	1	Dark yellow orange weathered shale, sericite
	5	6	1	Pale yellowish brown (water in hole at 5m)
58902	6	9	3	Greyish orange, quartz vein material weathered shales sericite
	9	10	1	Pale yellowish haematite, weathered shales, sericite
58903	10	15	5	As above
58904	15	17	2	As above
	17	20	3	Medium light grey weathered shales, sericitic
58905	20	25	5	Shale, weathered sericitic
58906	25	30	5	Shale, less weathered, sericitic, light grey
58907	30	33	3	Shale, less weathered, sericitic, light grey
	33	35	2	Shale, light grey, fresh
58908	35	40	5	Shale, light grey, fresh
58909	40	45	5	Shale, dark grey carbonaceous with disseminated sulphides (pyrite, chalcopyrite, others?)
58910	45	47	2	Shale, dark grey carbonaceous with disseminated sulphides (pyrite, chalcopyrite, others?)
	47	50	3	Shale, light grey, sericitic
58911	50	55	5	Shale, light grey, sericitic
58912	55	56	1	Shale, light grey, sericitic
	56	60	4	Weathered shale/quartz rock, limonitic staining
58913	60	65	5	Shale, light grey sericitic/calcareous (dololutite?)
58914	65	68	3	Shale, dark grey, more carbonaceous, with sulphides
	68	70	2	Dololutite (?) light grey, with sulphides
58915	70	75	5	Dololutite (?) light grey, with sulphides
58916	75	78	3	Dololutite (?) light grey, with sulphides
	78	79	1	Quartz vein material - start of much water
	79	80	1	Quartz vein material with dololutite
58917	80	84	4	Quartz vein material with dololutite
	84	85	1	Quartz vein
58918	85	86	1	Quartz vein material
	86	90	4	Dololutite with intermittent quartz vein material, partly weathered
58919	90	95	5	"chert"? and dololutite, light brown honeycombed rock (sil dol?)
58920	95	100	5	"chert"? and dololutite, light brown honeycombed rock (sil dol?)
58921	100	102	2	Mud
	102	103	1	No sample
	103	104	1	Dololutite
	104	105	1	Gossan and siliceous gossan material
58922	105	109	4	Gossan and siliceous gossan material
	109	110	1	Gossan and secondary lead mins (?)

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Co-ordinates: GPS 8566884 N 711615 E Local grid 60145 N 26330 E

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Start Date: 21 October, 2003 Completion Date: 26 October, 2003

Composite Sample No	From	To	Int	Description
58923	110	115	5	Weathered dolomite, limonite/gossan fragments, shale
58924	115	118	3	Weathered dolomite, limonite/gossan fragments, shale
	118	120	2	Fresh dolomite/magnesite, white with interbeds of shale
58925	120	122	2	Fresh dolomite/magnesite, white with interbeds of shale
	122	125	3	Weathered coarse grained dolomite/magnesite with minor fresh shale fragments with minor sulphides in shale
58926	125	130	5	Weathered coarse grained dolomite/magnesite with minor fresh shale fragments with minor sulphides in shale
58927	130	133	3	Weathered coarse grained dolomite/magnesite with minor fresh shale fragments with minor sulphides in shale
	133	135	2	Increasingly weathered/limonitic/gossanous (?) sil dol
58928	135	140	5	Increasingly weathered/limonitic/gossanous (?) sil dol
58929	140	142	2	Increasingly weathered/limonitic/gossanous (?) sil dol

End of hole 142 metres

ERL 125 MT. FITCH SOUTH

Hole O3MF02

Co-ordinates: GPS 8566938 N 711484 E Local grid 60200 N 26195 E

Inclination 60° Direction 048° M Total Depth: 142 m

Start Date: 27 October, 2003 Completion Date: 28 October, 2003

Composite Sample No	From	To	Int	Description
58930	0	3	3	Laterite, iron zone, light brown
	3	5	2	Laterite, pallid zone, pale yellowish orange
58931	5	6	1	Laterite, pallid zone, pale yellowish orange
	6	9	3	Laterite, pallid zone, pale yellowish grey
	9	10	1	quartz vein, yellowish grey
58932	10	13	3	Weathered shale, sericite, yellowish grey
	13	15	2	Weathered shale, sericite, light olive grey
58933	15	17	2	Weathered shale, sericite, light olive grey
	17	18	1	Shale, dark grey fresh, light olive grey
	18	20	2	Shale, dark grey, fresh medium light grey
58934	20	25	5	Shale/siltstone, sericitic
58935	25	26	1	Shale/siltstone, sericitic
	26	29	3	Shale, dark grey
	29	30	1	Siltstone, light grey
58936	30	35	5	Shale, dark grey with minor disseminated sulphides
58937	35	36	1	Shale, dark grey with minor disseminated sulphides
	36	40	4	Shale/siltstone, interbeds of weathered material
58938	40	42	2	Shale/siltstone, interbeds of weathered material
	42	45	3	Shale/siltstone, medium grey, calcareous
58939	45	50	5	Shale/siltstone, medium grey, calcareous
58940	50	55	5	Shale/siltstone, medium grey, calcareous
58941	55	57	2	Shale, light grey, sericitic
	57	60	3	Shale/siltstone, medium grey, calcareous?
58942	60	62	2	Shale/siltstone, medium grey, calcareous? much water
	62	65	3	Shale/siltstone, medium grey, calcareous? with sulphides, pyrite
58943	65	67	2	Shale/siltstone, medium grey, calcareous? with sulphides, pyrite
	67	70	3	Shale, more distinct shaley cleavage, with sulphides, pyrite, dark-medium grey
58944	70	72	2	Shale, more distinct shaley cleavage, dark-medium grey
	72	75	3	Shale/siltstone, medium grey
58945	75	80	5	Shale/siltstone, medium grey
58946	80	85	5	Shale, siltstone (dololutite?) medium grey
58947	85	86	1	Shale, siltstone (dololutite?) medium grey
	86	90	4	Shale, siltstone (dololutite?) medium grey, with sulphides, disseminated pyrite
58948	90	91	1	Shale, siltstone (dololutite?) medium grey, with sulphides, disseminated pyrite
	91	95	4	Shale, siltstone (dololutite?) medium grey, with sulphides, disseminated pyrite, with calcite veining

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Co-ordinates: GPS 8566938 N 711484 E Local grid 60200 N 26195 E

Inclination 60° Direction 048° M Total Depth: 142 m

Start Date: 27 October, 2003 Completion Date: 28 October, 2003

Composite Sample No	From	To	Int	Description
58949	95	97	2	Shale, siltstone (dololutite?) medium grey, with sulphides, disseminated pyrite, with calcite veining
	97	98	1	Shale, siltstone (dololutite?) medium grey, minor chalcopryrite disseminated
	98	100	2	Shale, siltstone (dololutite?) medium grey, ?tourmaline/wollastonite, chalcopryrite
58950	100	102	2	Shale, siltstone (dololutite?) medium grey, ?tourmaline/wollastonite, chalcopryrite
	102	105	3	Shale, siltstone (dololutite?) medium grey, increasing calcite, veining, white
58951	105	110	5	Shale, siltstone (dololutite?) medium grey, increasing calcite, veining, white
58952	110	114	4	Shale/siltstone/dololutite

End of Hole 114 m

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Hole O3MF03

Co-ordinates: GPS 8567108 N 711497 E Local grid 60370 N 26215 E

Inclination 60° Direction 048° M Total Depth: 142 m

Start Date: 27 October, 2003 Completion Date: 28 October, 2003

Composite Sample No	From	To	Int	Description
58953	0	5	5	Weathered shale, sericitic
58954	5	10	5	Weathered shale, sericitic
58955	10	11	1	Weathered shale, sericitic
	11	12	1	White muds, ex calcareous/calcite vein
	12	15	3	Shales, weathered, sericitic
58956	15	19	4	Shales, weathered, sericitic
	19	20	1	Shales, fresh, intermittent sulphide, pyrite?
58957	20	24	4	Shales, fresh, intermittent sulphide, pyrite?
	24	25	1	Shales, fresh intermittent sulphide, minor pyrite?
58958	25	27	2	Shales, fresh intermittent sulphide, minor pyrite?
	27	30	3	Weathered shales, limonitic
58959	30	34	4	Weathered shales, limonitic
	34	35	1	Shales, fresh, sericitic, light grey
58960	35	40	5	Shales, fresh, sericitic, light grey
58961	40	43	3	Shales, fresh, sericitic, light grey
	43	45	2	Shales, fresh, sericitic, light grey, visible chalcopyrite, minor
58962	45	49	4	Shales, fresh, medium grey, less sericitic
	49	50	1	Shales, fresh, medium grey, less sericitic, visible chalcopyrite, minor
58963	50	53	3	Shales, fresh, medium grey, less sericitic, visible chalcopyrite, minor
	53	55	2	Shales "khaki" alteration zone
58964	55	57	2	Khaki alteration of shales
	57	60	3	Siltstone/dololomite? medium grey, fresh
58965	60	65	5	Siltstone/dololomite? medium grey, fresh - water from here on
58966	65	70	5	Shale, highly carbonaceous with sulphides
58967	70	74	4	Shale, highly carbonaceous with sulphides
	74	75	1	Weathered (?) dololomite, light brown with silicified dolomite
58968	75	80	5	Weathered (?) dololomite, light brown with silicified dolomite
58969	80	85	5	Weathered (?) dololomite, light brown with silicified dolomite
58970	85	89	4	Weathered (?) dololomite, light brown with silicified dolomite
	89	90	1	Dololomite and broken ground (caves?)
58971	90	95	5	Dololomite and broken ground (caves?)
58972	95	100	5	Dololomite slightly weathered
58973	100	105	5	Dololomite, fresh with sulphide 10-20%
58974	105	107	2	Dololomite, fresh with sulphide 10-20%
	107	110	3	Dololomite, fresh with sulphide 10-20%, pyrite other sulphides 30-40%
58975	110	115	5	Dololomite, medium grey, with much disseminated sulphides (30%)

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Co-ordinates: GPS 8567108 N 711497 E Local grid 60370 N 26215 E

Inclination 60° Direction 048° M Total Depth: 142 m

Start Date: 27 October, 2003 Completion Date: 28 October, 2003

Composite Sample No	From	To	Int	Description
58976	115	120	5	Dololutite, medium grey, with much disseminated sulphides (30%)
58976	120	125	5	Dololutite, medium grey, with much disseminated sulphides (30%)
58977	125	130	5	Dololutite, medium grey, with much disseminated sulphides (30%)
58978	130	131	1	Dololutite, medium grey, with much disseminated sulphides (30%)
	131	135	4	Dolomite/magnesite, medium grey with disseminated sulphide to 15%, pyrite?
58980	135	137	2	Dolomite/magnesite, medium grey with disseminated sulphide to 15%, pyrite?
	137	138	1	Weathered? magnesite

End of Hole 138 metres