COMPANY	ALLEGIANCE MINING NL
PROJECT	EAST RENISON
HOLE NUMBER	ER001

Commenced	03/01/2007
Completed	11/01/2007
Logged by	Andre Mueller
Drilled by	Almac-38-Noel

Collar Details

Grid	AMG66
Easting	374,085
Northing	5,370,242
Elevation	270
Dip	50
Bearing	100

LENGTH (m)	384.4m

Hole Size

To (m)	Size
HQ-NQ	84.7
NQ-EOH	384.4m

Purpose of Hole

Testing magnetic anomaly on ultramafic East Renison.

Comments on Completion

Major core losses:

From	To	% rec

Hole Completion Condition

Assay Summary

Rock Type	From	To			

Down Hole Survey

Depth	Dip	Mag Brg	Grid Brg
50	50	88	102
100	49	90	104
150	48	96	110
200	48	90	104
250	47.5	95	109
300	47	79	93
350	44	92	106

Notes on Surveys

Hole	Log		Description	Recovery				
	From	To		From	To	Act	Meas	%
ER001	0	26	Tri-cone used 0-26 metres. No core recovered.	0	26	0		
ER001	26	35	Inter-laminated black pyritic shales and	26	27.2	1.2	1.2	100
ER001			fine grained grey siltsone. Abundant finely disseminated	27.2	28.2	0.9	1	90
ER001			pyrite along foliation and secondary py veinlets.	28.2	30	1.8	1.8	100
ER001			CBA at 31m is 45d.	30	31	0.4	1	40
ER001	35	36	Small puggy oxidise fault zone. Lower contact of fault	31	32.5	1.4	1.5	93
ER001			is 38d.	32.5	34	0.5	1.5	33
ER001	36	40.9	Inter-laminated black pyritic shales and	34	34.8	0.6	0.8	75
ER001			fine grained grey siltsone. Abundant finely disseminated	34.8	36	0.6	1.2	50
ER001			pyrite along foliation and secondary py veinlets.	36	37	0.8	1	80
ER001			CBA at 37m is 43d.	37	38.1	1	1.1	91
ER001	40.9	41.7	Small puggy oxidise fault zone. Upper contact of fault	38.1	39.2	0.9	1.1	82
ER001			is at 35d. Abundant disseminated Py present.	39.2	40.1	1	0.9	111
ER001	41.7	75.7	Inter-laminated black pyritic shales and	40.1	41.7	1.1	1.6	69
ER001			fine grained grey siltsone. Abundant finely disseminated	41.7	43	1.3	1.3	100
ER001			pyrite along foliation and secondary minor py veinlets. 90%	43	44.3	0.9	1.3	69
ER001			black shale and 10% siltstone. Minor carbonate veinlets	44.3	45.8	1.2	1.5	80
ER001			present. Slight disseminated carbonate alteration.	45.8	46.8	1	1	100
ER001			CBA at 62.8m is 55d.	46.8	47.9	0.9	1.1	82
ER001	75.7	75.8	Fine grained conglomerate. Bimodal clasts with include	47.9	49	0.7	1.1	64
ER001			both quartz and mudstone clasts present. Abundant	49	49.8	0.9	0.8	113
ER001			pyrite present within matrix. Silicious matrix. Sharp	49.8	51.1	1	1.3	77
ER001			upper and lower contacts. Upper contact at 75.7m is	51.1	52.2	1.1	1.1	100
ER001			48d and lower contact at 75.8m is 48d.	52.2	53.5	0.9	1.3	69
ER001	75.8	104.4	Inter-laminated black pyritic shales and	53.5	54.8	1.2	1.3	92
ER001			fine grained grey siltsone. Abundant finely disseminated	54.8	55.9	0.8	1.1	73
ER001			pyrite along foliation and secondary minor py veinlets. 90%	55.9	57.5	0.5	1.6	31
ER001			black shale and 10% siltstone. Minor carbonate veinlets	57.5	58.5	0.8	1	80
ER001			present. Slight disseminated carbonate alteration.	58.5	59.9	0.6	1.4	43
ER001			CBA at 98m is 59d. Minor carbonate beds up to 3cm	59.9	61	0.7	1.1	64
ER001			with disseminated sulphides. Trace Po and Sp within	61	63	2.2	2	110
ER001			abundant carbonate veinlets towards lower	63	64	0.9	1	90
ER001			contact. Gradational lower contact with sandstone.	64	66.6	2.3	2.6	88
ER001	104.4	109.2	Fine to medium grained pale green sandstone with	66.6	67.6	0.9	1	90
ER001			minor interbeds of mudstone towards lower contact.	67.6	70	2.6	2.4	108
ER001			Generally massive beds. Down hole grading at 100.4m.	70	73	3	3	100
ER001			(younging down hole). Minor carbonate veinlets. Trace	73	76	3.1	3	103
ER001			sulphides present.	76	79	3	3	100
ER001	109.2	109.6	light grey conglomerate.	79	80.7	1.7	1.7	100
ER001			Fine to medium grained conglomerate with both mudstone	80.7	84.7	4.2	4	105
ER001			and siltstone clasts. Well rounded clasts up to 1cm in	84.7	86	1.3	1.3	100
ER001			length. Fine grained carbonate matrix. Trace sulphides	86	88	2	2	100
ER001			present. Irregular upper and lower contacts. Actin altered.	88	90.8	2.8	2.8	100
ER001	109.6	111.8	Fine to medium grained massive pale green sandstone.	90.8	92.5	1.7	1.7	100
ER001			Minor sulphides towards lower contact. Minor carbonate	92.5	94.5	2	2	100
ER001			veinlets present. Lower contact at 65 degrees. Actin altered.	94.5	97	2.5	2.5	100
ER001	111.8	113.9	Coarse grained conglomerate.	97	100	3	3	100
ER001			bimodal clast types. Clasts tend to be both sub-rounded	100	101.9	1.9	1.9	100
ER001			and angular. Predominately a white/grey carbonate matrix.	101.9	102.7	0.8	0.8	100
ER001			70% clasts dominated and 30% matrix. Irregular lower	102.7	105.1	2.4	2.4	100
ER001			contact. Clasts up to 10cm in diametre.	105.1	106.9	0.9	1.8	50
ER001	113.9	114.6	Fine to medium grained massive pale green sandstone.	106.9	109	2	2.1	95
ER001			Minor sulphides towards lower contact. Minor carbonate	109	112	3	3	100
ER001			veinlets present. Lower contact at 65 degrees with	112	115	3	3	100
ER001			basalt. Actinolite altered.	115	118	3	3	100
ER001	114.6	119.4	Dark green chlorotic altered hayloclastic basalt.	118	121	3	3	100
ER001			Pervasive chlorite and carbonate alteration. Trace	121	124	3	3	100
ER001			Cpy and Py present. Sulphides both disseminated and	124	127	3	3	100
ER001			within veinlets. Minor black laths of pyroxene. Minor	127	130	3	3	100
ER001			vesicles in filled with partial calc-silicates replacement?	130	133	3	3	100
ER001			(zeolite replacement). Hayloclastic textures.	133	136	3	3	100
ER001	119.4	120.3	Pale green basaltic conglomerate.	136	139	3	3	100
ER001			Rounded to sub rounded basaltic clasts. Trace Cpy and	139	142	3	3	100
ER001			Py present. Dark green actinolite alteration and grey/	142	145	3	3	100
ER001			white carbonate alteration. Small clast size.	145	148	3	3	100

Hole	Log		Description	Recovery				
	From	To		From	To	Act	Meas	%
ER001	120.3	197.5	Dark green chlorite altered basalt.	148	151	3	3	100
ER001			Pervasive chlorite and carbonate alteration. Trace	151	154	3	3	100
ER001			Cpy and Py present. Sulphides both disseminated and	154	157	3	3	100
ER001			within veinlets. Minor black laths of pyroxene. Minor	157	160	3	3	100
ER001			vesicles in filled with partial calc-silicates replacement?	160	163	3	3	100
ER001			(zeolite replacement). Abundant axinite within veinlets	163	166	3	3	100
ER001			with minor epidote selvedge's. Basalt tends to be	166	169	3	3	100
ER001			slightly magnetic. tholietitic basalt?-calcium and silica	169	172	3	3	100
ER001			rich? Minor disseminated and veinlets of sulphides	172	175	3	3	100
ER001			present. Abundant epidote and axinite selvedge's	175	178	3	3	100
ER001			between 142m and 169m. Vesiculars are commonly	178	181	3	3	100
ER001			in filled with epidote and axinite. Minor cherty pale red	181	184	3	3	100
ER001			clasts present with minor carbonate veinlets within.	184	185.9	1.9	1.9	100
ER001			Minor magnetite and haematite present within veinlets.	185.9	187	1.1	1.1	100
ER001			Minor brecciaed beds present.	187	190	3	3	100
ER001	197.5	200	Slightly brecciaed basalt with carbonate in fills	190	193	3	3	100
ER001			Angular basaltic clasts up to 1cm in length. Abundant	193	197.2	4.1	4.2	98
ER001			sulphides within matrix. Abundant carbonate veinlets	197.2	199	1.8	1.8	100
ER001			present with trace sulphides. Small vein of carbonate	199	202	3	3	100
ER001			cuts core axis at 35 degrees.	202	205	3	3	100
ER001	200	286.8	Dark green chlorite altered basalt.	205	208	3	3	100
ER001			Pervasive chlorite and carbonate alteration. Trace	208	211	3	3	100
ER001			Cpy and Py present. Sulphides both disseminated and	211	214	3	3	100
ER001			within veinlets. Minor black laths of pyroxene. Minor	214	217	3	3	100
ER001			vesicles in filled with partial calc-silicates replacement?	217	220	3	3	100
ER001			(zeolite/ammodales replacement). Abundant	220	223	3	3	100
ER001			disseminated land veinlets of magnetite and haematite alteration	223	226	3	3	100
ER001			between 238m and 265m.	226	229	3	3	100
ER001			Basalt tends to be slightly magnetic. tholietitic basalt?-	229	231.5	2.5	2.5	100
ER001			calcium and silica rich? Minor disseminated and	231.5	233.2	1.7	1.7	100
ER001			veinlets of sulphides present (trace Cpy and Py). Vesiculars are	233.2	235.6	2.4	2.4	100
ER001			commonly infilled with chlorite, calcite and epidote.	235.6	238	2.4	2.4	100
ER001			Minor Qtz present.	238	241	3	3	100
ER001			Minor magnetite and haematite present within veinlets.	241	244	3	3	100
ER001			Minor brecciaed beds present. Minor epidote alteration.	244	247	3	3	100
ER001			Irregular lower contact at 30 degrees with serpentinite.	247	250	3	3	100
ER001	286.8	308.6	Apple/pale green serpentinite.	250	253	3	3	100
ER001			Slightly leached and vesicular serpentinite. Trace	253	256	3	3	100
ER001			sulphides present. Abundant magnetite veinlets with	256	259	3	3	100
ER001			trace sulphides. Spotted pyroxene crystals present.	259	262	3	3	100
ER001			Minor carbonate alteration. Serpentinite tends to be	262	265	3	3	100
ER001			sheared and brittle. 15% magnetite veinlets, 80%	265	268	3	3	100
ER001			serpentine. Minor stictite blebs present. Minor chrysotile	268	271	3	3	100
ER001			veinlets present. Magnetite commonly within veinlets	271	274	3	3	100
ER001			and disseminated. Faulted lower contact at 54 degrees.	274	277	3	3	100
ER001			Trace sulphides associated with small white veinlets.	277	280	3	3	100
ER001			Slightly mottled towards lower contact. Talc present?	280	283	3	3	100
ER001	308.6	310	Large puggy fault zone core extremely broken and leached.	283	286	3	3	100
ER001	310	321.7	Apple/pale green serpentinite.	286	289	3	3	100
ER001			Slightly leached and small shears present. Abundant	289	292	2.9	3	97
ER001			magnetite veinlets with trace sulphides.	292	294.5	2.7	2.5	108
ER001			Minor carbonate alteration. Serpentinite tends to be	294.5	297.5	3	3	100
ER001			sheared and brittle. Abundant white chrysotile veinlets	297.5	300.6	3.1	3.1	100
ER001			present. 15% magnetite veinlets, 80% serpentine.	300.6	302.9	2.1	2.3	91
ER001			Minor stictite blebs present. Magnetite commonly within	302.9	306	3	3.1	97
ER001			veinlets and disseminated. Faulted lower contact.	306	307.6	1.3	1.6	81
ER001			Slightly mottled towards upper contact. Talc present?	307.6	310	1.9	2.4	79
ER001			Abundant chrysotile veinlets towards lower contact.	310	313	2.8	3	93
ER001	321.7	322.1	Small puggy fault zone core extremely broken with	313	316	3	3	100
ER001			sheared faces and abundant chrysotile veinlets.	316	319	2.8	3	93
ER001	322.1	323.5	Apple green serpentinite with abundant chrysotile	319	322	3	3	100
ER001			veinlets. Stock worked. Minor magnetite present.	322	324	1.7	2	85
ER001	323.5	324.2	Small puggy fault zone core extremely broken with	324	326.6	2.6	2.6	100
ER001			sheared faces and abundant chrysotile veinlets.	326.6	329.6	2.9	3	97
ER001			Minor stictite present and abundant talc. Core feels	329.6	332	1.6	2.4	67

Hole	Log		Description	Recovery				
	From	To		From	To	Act	Meas.	%
ER001			soapy.	332	333.5	1.4	1.5	93
ER001	324.2	330.6	Apple green serpentinite with abundant chrysotile	333.5	336.6	3	3.1	97
ER001			veinlets. Stock worked. Abundant magnetite present within	336.6	339.7	3.1	3.1	100
ER001			veinlets. Core tends to be extremely sheared and brittle.	339.7	342.8	2.8	3.1	90
ER001			Minor stictite present within small round blebs. Slightly	342.8	345.9	3.1	3.1	100
ER001			altered. Abundant small sheared/crushed zones. Trace	345.9	349	2.8	3.1	90
ER001			carbonate present. Faulted lower contact. Soapy feel.	349	352	3	3	100
ER001	330.6	333.7	Large puggy fault zone core extremely broken with	352	355	2.4	3	80
ER001			sheared faces and abundant chrysotile veinlets.	355	356.2	1.3	1.2	108
ER001			Minor stictite present and abundant talc. Core feels	356.2	358	1.6	1.8	89
ER001			soapy. Abundant small crush zones present.	358	359.2	0.8	1.2	67
ER001	333.7	351.6	Apple green serpentinite with abundant chrysotile	359.2	361	1.8	1.8	100
ER001			veinlets. Stock worked veinlets. Minor magnetite present within	361	363.4	2.3	2.4	96
ER001			veinlets. Core tends to be extremely sheared and brittle.	363.4	366.5	3.1	3.1	100
ER001			Slightly altered and leached.	366.5	369.6	3.1	3.1	100
ER001			Abundant small sheared/crushed zones. Minor	369.6	372.7	3.1	3.1	100
ER001			Faulted lower contact. Soapy feel. Lower contact at 34d	372.7	375.8	3.1	3.1	100
ER001	351.6	353.5	Small puggy fault zone core extremely broken with	375.8	378.9	3	3.1	97
ER001			sheared faces and abundant chrysotile veinlets.	378.9	382	3	3.1	97
ER001			Abundant talc present, core feels soapy.	382	384.4	2.4	2.4	100
ER001	353.5	356	Apple green serpentinite with abundant chrysotile	384.4	EOH			
ER001			veinlets. Stock worked veinlets. Minor magnetite veinlets					
ER001			present. Core tends to be extremely sheared and brittle.					
ER001			Slightly altered and leached. Minor crush zones.					
ER001			Abundant talc core feels soapy. Lower contact at 37d.					
ER001								
ER001	356	356.2	Small puggy fault zone core extremely broken with					
ER001			sheared faces and abundant chrysotile veinlets.					
ER001			Abundant talc present, core feels soapy.					
ER001	356.2	358	Apple green serpentinite with abundant chrysotile					
ER001			veinlets. Stock worked veinlets. Minor magnetite veinlets					
ER001			present. Core tends to be extremely sheared and brittle.					
ER001			Slightly altered and leached. Minor crush zones.					
ER001			Abundant talc core feels soapy.					
ER001			Abundant vesicular chrysotile veinlets. Abundant Sp					
ER001			veinlets.					
ER001	358	359.2	Small puggy fault zone core extremely broken with					
ER001			sheared faces and abundant chrysotile veinlets.					
ER001			Abundant talc present, core feels soapy.					
ER001	359.2	375.1	Apple green serpentinite with abundant chrysotile					
ER001			veinlets. Stock worked veinlets. Minor magnetite veinlets					
ER001			present. Core tends to be extremely sheared and brittle.					
ER001			Slightly altered and leached. Minor crush zones present.					
ER001			Abundant talc core feels soapy.					
ER001			Abundant vesicular chrysotile veinlets. Abundant Sp					
ER001			veinlets. Foliation present at 69d.					
ER001	375.1	384.4	Heavily altered limestone breccia.					
ER001			Abundant carbonate veinlets. Trace sulphides					
ER001			within carbonate veinlets and disseminated. Minor					
ER001			styolitic features. Minor tremolite? Clasts become more					
ER001			pronounced towards lower contact. Clasts appear to					
ER001			consist of Qtz, mudstone and limestone. Abundant					
ER001			carbonate and qtz matrix. Very minor trace sulphide					
ER001			within carbonate veinlets. Abundant disrupted/ brecciaed					
ER001			beds. Upper contact displays clasts of serpentinite.					
ER001			Pepperitic contact?. EOH 384.4m.					

Hole	From	To	Rock Type	Depth	Mag Sus SIx10^{-5}
ER001	26	27	SEDIMENT	26.5	0
ER001	27	28	SEDIMENT	27.5	0
ER001	28	29	SEDIMENT	28.5	0
ER001	29	30	SEDIMENT	29.5	0
ER001	30	31	SEDIMENT	30.5	0
ER001	31	32	SEDIMENT	31.5	0
ER001	32	33	SEDIMENT	32.5	0
ER001	33	34	SEDIMENT	33.5	0
ER001	34	35	SEDIMENT	34.5	0
ER001	35	36	SEDIMENT	35.5	0
ER001	36	37	SEDIMENT	36.5	0
ER001	37	38	SEDIMENT	37.5	0
ER001	38	39	SEDIMENT	38.5	0
ER001	39	40	SEDIMENT	39.5	0
ER001	40	41	SEDIMENT	40.5	5
ER001	41	42	SEDIMENT	41.5	0
ER001	42	43	SEDIMENT	42.5	0
ER001	43	44	SEDIMENT	43.5	0
ER001	44	45	SEDIMENT	44.5	0
ER001	45	46	SEDIMENT	45.5	0
ER001	46	47	SEDIMENT	46.5	0
ER001	47	48	SEDIMENT	47.5	0
ER001	48	49	SEDIMENT	48.5	0
ER001	49	50	SEDIMENT	49.5	0
ER001	50	51	SEDIMENT	50.5	0
ER001	51	52	SEDIMENT	51.5	16
ER001	52	53	SEDIMENT	52.5	13
ER001	53	54	SEDIMENT	53.5	0
ER001	54	55	SEDIMENT	54.5	14
ER001	55	56	SEDIMENT	55.5	10
ER001	56	57	SEDIMENT	56.5	10
ER001	57	58	SEDIMENT	57.5	0
ER001	58	59	SEDIMENT	58.5	0
ER001	59	60	SEDIMENT	59.5	0
ER001	60	61	SEDIMENT	60.5	5
ER001	61	62	SEDIMENT	61.5	10
ER001	62	63	SEDIMENT	62.5	17
ER001	63	64	SEDIMENT	63.5	16
ER001	64	65	SEDIMENT	64.5	40
ER001	65	66	SEDIMENT	65.5	8
ER001	66	67	SEDIMENT	66.5	6
ER001	67	68	SEDIMENT	67.5	5
ER001	68	69	SEDIMENT	68.5	10
ER001	69	70	SEDIMENT	69.5	0
ER001	70	71	SEDIMENT	70.5	14
ER001	71	72	SEDIMENT	71.5	17
ER001	72	73	SEDIMENT	72.5	14
ER001	73	74	SEDIMENT	73.5	24
ER001	74	75	SEDIMENT	74.5	19
ER001	75	76	SEDIMENT	75.5	12
ER001	76	77	SEDIMENT	76.5	20
ER001	77	78	SEDIMENT	77.5	0
ER001	78	79	SEDIMENT	78.5	0
ER001	79	80	SEDIMENT	79.5	58
ER001	80	81	SEDIMENT	80.5	50
ER001	81	82	SEDIMENT	81.5	45
ER001	82	83	SEDIMENT	82.5	140
ER001	83	84	SEDIMENT	83.5	0
ER001	84	85	SEDIMENT	84.5	170
ER001	85	86	SEDIMENT	85.5	210
ER001	86	87	SEDIMENT	86.5	171
ER001	87	88	SEDIMENT	87.5	145

Hole	From	To	Rock Type	Depth	Mag Sus SIx10^{-5}
ER001	88	89	SEDIMENT	88.5	143
ER001	89	90	SEDIMENT	89.5	200
ER001	90	91	SEDIMENT	90.5	0
ER001	91	92	SEDIMENT	91.5	72
ER001	92	93	SEDIMENT	92.5	10
ER001	93	94	SEDIMENT	93.5	151
ER001	94	95	SEDIMENT	94.5	230
ER001	95	96	SEDIMENT	95.5	250
ER001	96	97	SEDIMENT	96.5	129
ER001	97	98	SEDIMENT	97.5	217
ER001	98	99	SEDIMENT	98.5	260
ER001	99	100	SEDIMENT	99.5	162
ER001	100	101	SEDIMENT	100.5	185
ER001	101	102	SEDIMENT	101.5	72
ER001	102	103	SEDIMENT	102.5	110
ER001	103	104	SEDIMENT	103.5	96
ER001	104	105	SEDIMENT	104.5	0
ER001	105	106	SEDIMENT	105.5	0
ER001	106	107	SEDIMENT	106.5	0
ER001	107	108	SEDIMENT	107.5	0
ER001	108	109	SEDIMENT	108.5	0
ER001	109	110	SEDIMENT	109.5	0
ER001	110	111	SEDIMENT	110.5	10
ER001	111	112	SEDIMENT	111.5	0
ER001	112	113	SEDIMENT	112.5	0
ER001	113	114	SEDIMENT	113.5	55
ER001	114	115	SEDIMENT	114.5	12
ER001	115	116	BASALT	115.5	42
ER001	116	117	BASALT	116.5	29
ER001	117	118	BASALT	117.5	50
ER001	118	119	BASALT	118.5	27
ER001	119	120	SEDIMENT	119.5	36
ER001	120	121	BASALT	120.5	89
ER001	121	122	BASALT	121.5	53
ER001	122	123	BASALT	122.5	74
ER001	123	124	BASALT	123.5	81
ER001	124	125	BASALT	124.5	65
ER001	125	126	BASALT	125.5	72
ER001	126	127	BASALT	126.5	60
ER001	127	128	BASALT	127.5	29
ER001	128	129	BASALT	128.5	10
ER001	129	130	BASALT	129.5	25
ER001	130	131	BASALT	130.5	40
ER001	131	132	BASALT	131.5	20
ER001	132	133	BASALT	132.5	45
ER001	133	134	BASALT	133.5	65
ER001	134	135	BASALT	134.5	43
ER001	135	136	BASALT	135.5	42
ER001	136	137	BASALT	136.5	21
ER001	137	138	BASALT	137.5	137.5
ER001	138	139	BASALT	138.5	24
ER001	139	140	BASALT	139.5	59
ER001	140	141	BASALT	140.5	27
ER001	141	142	BASALT	141.5	63
ER001	142	143	BASALT	142.5	44
ER001	143	144	BASALT	143.5	65
ER001	144	145	BASALT	144.5	118
ER001	145	146	BASALT	145.5	1420
ER001	146	147	BASALT	146.5	1770
ER001	147	148	BASALT	147.5	130
ER001	148	149	BASALT	148.5	305
ER001	149	150	BASALT	149.5	190

Hole	From	To	Rock Type	Depth	Mag Sus SIx10^{-5}
ER001	150	151	BASALT	150.5	65
ER001	151	152	BASALT	151.5	70
ER001	152	153	BASALT	152.5	2365
ER001	153	154	BASALT	153.5	170
ER001	154	155	BASALT	154.5	147
ER001	155	156	BASALT	155.5	64
ER001	156	157	BASALT	156.5	81
ER001	157	158	BASALT	157.5	111
ER001	158	159	BASALT	158.5	114
ER001	159	160	BASALT	159.5	64
ER001	160	161	BASALT	160.5	66
ER001	161	162	BASALT	161.5	65
ER001	162	163	BASALT	162.5	64
ER001	163	164	BASALT	163.5	66
ER001	164	165	BASALT	164.5	70
ER001	165	166	BASALT	165.5	150
ER001	166	167	BASALT	166.5	1050
ER001	167	168	BASALT	167.5	3145
ER001	168	169	BASALT	168.5	3500
ER001	169	170	BASALT	169.5	2500
ER001	170	171	BASALT	170.5	2400
ER001	171	172	BASALT	171.5	2100
ER001	172	173	BASALT	172.5	34
ER001	173	174	BASALT	173.5	39
ER001	174	175	BASALT	174.5	20
ER001	175	176	BASALT	175.5	25
ER001	176	177	BASALT	176.5	9
ER001	177	178	BASALT	177.5	50
ER001	178	179	BASALT	178.5	31
ER001	179	180	BASALT	179.5	16
ER001	180	181	BASALT	180.5	36
ER001	181	182	BASALT	181.5	76
ER001	182	183	BASALT	182.5	23
ER001	183	184	BASALT	183.5	29
ER001	184	185	BASALT	184.5	36
ER001	185	186	BASALT	185.5	36
ER001	186	187	BASALT	186.5	53
ER001	187	188	BASALT	187.5	50
ER001	188	189	BASALT	188.5	50
ER001	189	190	BASALT	189.5	58
ER001	190	191	BASALT	190.5	27
ER001	191	192	BASALT	191.5	25
ER001	192	193	BASALT	192.5	31
ER001	193	194	BASALT	193.5	25
ER001	194	195	BASALT	194.5	32
ER001	195	196	BASALT	195.5	35
ER001	196	197	BASALT	196.5	31
ER001	197	198	BASALT	197.5	40
ER001	198	199	BASALT	198.5	24
ER001	199	200	BASALT	199.5	38
ER001	200	201	BASALT	200.5	45
ER001	201	202	BASALT	201.5	40
ER001	202	203	BASALT	202.5	42
ER001	203	204	BASALT	203.5	38
ER001	204	205	BASALT	204.5	49
ER001	205	206	BASALT	205.5	59
ER001	206	207	BASALT	206.5	51
ER001	207	208	BASALT	207.5	40
ER001	208	209	BASALT	208.5	61
ER001	209	210	BASALT	209.5	42
ER001	210	211	BASALT	210.5	60

Hole	From	To	Rock Type	Depth	Mag Sus SIx10^{-5}
ER001	211	212	BASALT	211.5	42
ER001	212	213	BASALT	212.5	380
ER001	213	214	BASALT	213.5	59
ER001	214	215	BASALT	214.5	29
ER001	215	216	BASALT	215.5	59
ER001	216	217	BASALT	216.5	36
ER001	217	218	BASALT	217.5	65
ER001	218	219	BASALT	218.5	10
ER001	219	220	BASALT	219.5	50
ER001	220	221	BASALT	220.5	2
ER001	221	222	BASALT	221.5	14
ER001	222	223	BASALT	222.5	65
ER001	223	224	BASALT	223.5	0
ER001	224	225	BASALT	224.5	55
ER001	225	226	BASALT	225.5	21
ER001	226	227	BASALT	226.5	20
ER001	227	228	BASALT	227.5	0
ER001	228	229	BASALT	228.5	0
ER001	229	230	BASALT	229.5	14
ER001	230	231	BASALT	230.5	1
ER001	231	232	BASALT	231.5	10
ER001	232	233	BASALT	232.5	4
ER001	233	234	BASALT	233.5	0
ER001	234	235	BASALT	234.5	4
ER001	235	236	BASALT	235.5	5
ER001	236	237	BASALT	236.5	0
ER001	237	238	BASALT	237.5	0
ER001	238	239	BASALT	238.5	48
ER001	239	240	BASALT	239.5	890
ER001	240	241	BASALT	240.5	880
ER001	241	242	BASALT	241.5	117
ER001	242	243	BASALT	242.5	20
ER001	243	244	BASALT	243.5	0
ER001	244	245	BASALT	244.5	60
ER001	245	246	BASALT	245.5	44
ER001	246	247	BASALT	246.5	75
ER001	247	248	BASALT	247.5	35
ER001	248	249	BASALT	248.5	70
ER001	249	250	BASALT	249.5	1295
ER001	250	251	BASALT	250.5	2280
ER001	251	252	BASALT	251.5	4200
ER001	252	253	BASALT	252.5	2950
ER001	253	254	BASALT	253.5	1120
ER001	254	255	BASALT	254.5	600
ER001	255	256	BASALT	255.5	3520
ER001	256	257	BASALT	256.5	1830
ER001	257	258	BASALT	257.5	2500
ER001	258	259	BASALT	258.5	3030
ER001	259	260	BASALT	259.5	1500
ER001	260	261	BASALT	260.5	4900
ER001	261	262	BASALT	261.5	1700
ER001	262	263	BASALT	262.5	2300
ER001	263	264	BASALT	263.5	4599
ER001	264	265	BASALT	264.5	5030
ER001	265	266	BASALT	265.5	107
ER001	266	267	BASALT	266.5	25
ER001	267	268	BASALT	267.5	75
ER001	268	269	BASALT	268.5	38
ER001	269	270	BASALT	269.5	40
ER001	270	271	BASALT	270.5	32
ER001	271	272	BASALT	271.5	100

Hole	From	To	Rock Type	Depth	Mag Sus SIx10^{-5}		Hole	From	To	Rock Type	Depth	Mag Sus SIx10^{-5}
ER001	272	273	BASALT	272.5	1							
ER001	273	274	BASALT	273.5	5							
ER001	336	337	SERP	336.5	6635							
ER001	337	338	SERP	337.5	32350							
ER001	338	339	SERP	338.5	7300							
ER001	339	340	SERP	339.5	8300							
ER001	340	341	SERP	340.5	1343							
ER001	341	342	SERP	341.5	5200							
ER001	342	343	SERP	342.5	13000							
ER001	343	344	SERP	343.5	9900							
ER001	344	345	SERP	344.5	4500							
ER001	345	346	SERP	345.5	7200							
ER001	346	347	SERP	346.5	12000							
ER001	347	348	SERP	347.5	33000							
ER001	348	349	SERP	348.5	3850							
ER001	349	350	SERP	349.5	3000							
ER001	350	351	SERP	350.5	3650							
ER001	351	352	SERP	351.5	20000							
ER001	352	353	SERP	352.5	20000							
ER001	353	354	SERP	353.5	13500							
ER001	354	355	SERP	354.5	2000							
ER001	355	356	SERP	355.5	4100							
ER001	356	357	SERP	356.5	4700							
ER001	357	358	SERP	357.5	1050							
ER001	358	359	SERP	358.5	6500							
ER001	359	360	SERP	359.5	9300							
ER001	360	361	SERP	360.5	8700							
ER001	361	362	SERP	361.5	9300							
ER001	362	363	SERP	362.5	14500							
ER001	363	364	SERP	363.5	6200							
ER001	364	365	SERP	364.5	7450							
ER001	365	366	SERP	365.5	480							
ER001	366	367	SERP	366.5	7850							
ER001	367	368	SERP	367.5	9180							
ER001	368	369	SERP	368.5	10740							
ER001	369	370	SERP	369.5	7102							
ER001	370	371	SERP	370.5	8102							
ER001	371	372	SERP	371.5	2020							
ER001	372	373	SERP	372.5	5300							
ER001	373	374	SERP	373.5	1550							
ER001	374	375	SERP	374.5	0							
ER001	375	376	SERP	375.5	23							
ER001	376	377	LIMESTONE	376.5	16							
ER001	377	378	LIMESTONE	377.5	32							
ER001	378	379	LIMESTONE	378.5	0							
ER001	379	380	LIMESTONE	379.5	0							
ER001	380	381	LIMESTONE	380.5	51							
ER001	381	382	LIMESTONE	381.5	0							
ER001	382	383	LIMESTONE	382.5	0							
ER001	383	384	LIMESTONE	383.5	0							
ER001	384	385	LIMESTONE	384.4	0							

COMPANY	ALLEGIANCE MINING NL
PROJECT	East Renison
HOLE NUMBER	ER002

Commenced	16/01/2007
Completed	25/01/2007
Logged by	ANDRE MUELLER
Drilled by	ALMAC-Noel-Al

Collar Details

Grid	AMG 66
Easting	373985E
Northing	5369770N
Elevation	270
Dip	-50
Bearing	123 GRID

LENGTH (m)	523m

Hole Size

To (m)	Size
0m-69.3m	HQ
69.3m- EOH	NQ

Purpose of Hole

Magnetitic anomoly target within ultramafic
Below lyton? Workings.

Comments on Completion

Far eastern contact of ultramafic not intersected.

Hole Completion Condition

Collar pipe used in top of pipe.
All rods retrieved from hole.

Major core losses:

From	To	% rec

Assay Summary

Rock Type	From	To			

Down Hole Survey

Depth	Dip	Mag Brg	Grid Brg
50	-51	197	
100	-50	118	
150	-49.5	91	
200	-50	48.5	
250	-50	65	
300	-50	119	
350	-49	139	
400	-48	125	
450	-48	127	
510	-45.5	118	

Notes on Surveys

Magnetite present within ultramafic

Hole	Log		Description	Recovery					Assays	
	From	To		From	To	Act	Meas	%	From	To
ER002	0	24	Tri cone used for the first 24 metres. No core recovered.	25.8	26.8	1	1	100	25.8	26.8
ER002	24	29.5	**Finely laminated mudstone and siltstone.**	26.8	27.7	1.8	0.9	200		
ER002			Dark grey to black thinly bedded to finely laminated	27.7	29.5	1.8	1.8	100		
ER002			siltstone and mudstone. Detrital pyrite present within	29.5	31.7	2.2	2.2	100		
ER002			mudstone. Younging up hole. 90% mudstone and 10%	31.7	34	2.3	2.3	100		
ER002			siltstone. Minor goethite and hematite on joint faces.	34	35.8	1.8	1.8	100		
ER002			CBA at 26.5m is 67d. CBA at 25m is 69d.	35.8	37	1.2	1.2	100		
ER002	29.5	33.9	**Leached mudstone and siltstone.**	37	38.2	1.2	1.2	100		
ER002			Core extremely weathered with leached brown	38.2	39.2	1	1	100		
ER002			goethite zones. Common leaching along siltstone beds	39.2	40.1	0.9	0.9	100		
ER002			forming selvedge's.	40.1	41.5	0.65	1.4	46		
ER002	33.9	35.3	**Finely laminated mudstone and siltstone.**	41.5	42.6	1	1.1	91		
ER002			Dark grey to black thinly bedded to finely laminated	42.6	44.3	1.7	1.7	100		
ER002			mudstone and siltstone. Detrital pyrite present within	44.3	45.1	0.8	0.8	100		
ER002			mudstone. Younging up hole. 90% mudstone and 10%	45.1	46	0.9	0.9	100		
ER002			siltstone. CBA at 35m is 65d.	46	47	1	1	100		
ER002	35.3	43.6	**Leached mudstone and siltstone.**	47	48.4	0.8	1.4	57		
ER002			Core extremely weathered and leached brown	48.4	49.5	0.9	1.1	82		
ER002			with goethite joints. Common leaching along siltstone	49.5	50	0.5	0.5	100		
ER002			beds forming selvedge's. Minor shears and small broken	50	51.2	1.1	1.2	92		
ER002			zones. Core tends to be fairly broken. Minor detrital	51.2	52	0.8	0.8	100		
ER002			pyrite present. CBA at 41m is 58d.	52	52.6	0.4	0.6	67		
ER002	43.6	122.4	**Finely laminated mudstone and siltstone.**	52.6	53.8	1	1.2	83		
ER002			Dark grey to black thinly bedded to finely laminated	53.8	54.1	0.3	0.3	100	115.3	116
ER002			mudstone and siltstone. Detrital pyrite present within	54.1	54.8	0.7	0.7	100		
ER002			mudstone. 90% mudstone and 10% siltstone.	54.8	55.9	1.1	1.1	100		
ER002			Grading suggests younging up hole.	55.9	56.7	0.7	0.8	87		
ER002			Core tends to be broken between 43.6m	56.7	58	1.1	1.3	85		
ER002			and 54.8m. Small sheared zones. Minor goethite	58	59.4	1.2	1.4	86		
ER002			joints. Start of unweathered rock.	59.4	61	1.5	1.6	94		
ER002			CBA at 44.9m is 66d. CBA at 50.3m is 78d. CBA at 58m	61	64	2.9	3	97		
ER002			is 17d. CBA at 62.2m is 25d. CBA at 68m is 53d.	64	67	2.9	3	97		
ER002			CBA at 73m is 49d. CBA at 99.4m is 27d. CBA at 102m	67	69.3	2.2	2.3	96		
ER002			is 32d. CBA at 106m is 29d. CBA at 109m is 27d. CBA	69.3	70	0.7	0.7	100		
ER002			at 115.4m is 18d. CBA at 121.6m is 36d.	70	72.2	2.2	2.2	100		
ER002			Minor carbonate/quartz veinlets with Cpy, Py and sphalerite	72.2	74	1.8	1.8	100		
ER002			and trace galena at 114.8m. Gradational lower contact.	74	76	2	2	100		
ER002			Increase in carbonate towards lower contact.	76	78.3	2.3	2.3	100		
ER002	122.4	125.4	**Finely laminated mudstone and siltstone.**	78.3	81.3	3	3	100		
ER002			Heavily carbonate altered mudstone siltstone.	81.3	84.4	3.1	3.1	100	123	124
ER002			Abundant Sp veinlets. Abundant carbonate veinlets.	84.4	87.5	3.1	3.1	100	124	125
ER002			Disrupted beds which have been heavily folded. Pepperitic	87.5	90.6	3.1	3.1	100		
ER002			type lower contact. Fine grained trace sulphides	90.6	93.7	2.9	3.1	94		
ER002			present. Abundant serpentinite clasts within disrupted	93.7	96.6	2.9	2.9	100		
ER002			beds. No sharp contact visible. Gradational contact.	96.6	99.2	2.5	2.6	96		
ER002	125.4	143	**Apple green serpentinite with darker magnetite zones.**	99.2	100.7	1.4	1.5	93		
ER002			Abundant white chrysotile and carbonate veinlets.	100.7	103	2.3	2.3	100	125	126
ER002			Trace sulphides within small magnetite veinlets.	103	106	3	3	100	126	127
ER002			Magnetite veinlets tend to be late veinlets.	106	108.6	2.5	2.6	96	127	128
ER002			Abundant serpentine veinlets. Minor talc	108.6	111.7	3.1	3.1	100	128	129
ER002			present within chrysotile veinlets. Abundant small	111.7	114.8	3.1	3.1	100	129	130
ER002			shears with glassy faces.	114.8	117.9	3.1	3.1	100	130	131
ER002	143	144.5	**Small fault.**	117.9	119.4	1.5	1.5	100	131	132
ER002			Abundant chrysotile and carbonate veinlets. Abundant	119.4	121	1.6	1.6	100	132	133
ER002			small shears at 45d and 60d. Minor pug present. Trace	121	122.2	1.2	1.2	100	133	134
ER002			sulphides on sheared faces. Minor carbonate veinlets.	122.2	124	1.8	1.8	100	134	135
ER002			Core extremely broken.	124	127	3	3	100	135	136
ER002	144.5	146.9	**Apple green serpentinite with darker magnetite zones.**	127	130	3	3	100	136	137
ER002			Abundant white chrysotile and carbonate veinlets. Trace	130	133	3	3	100	137	138
ER002			sulphides within small magnetite veinlets. Magnetite	133	135.3	2.3	2.3	100	138	139
ER002			veinlets tend to be late stage. Abundant serpentine	135.3	138.4	3.1	3.1	100	139	140
ER002			veinlets. Minor talc present within chrysotile veinlets.	138.4	141.4	1.7	3	57	140	141
ER002			Abundant small shears with glassy faces.	141.4	143.2	1.7	1.8	94	141	142
ER002	146.9	147.7	**Small fault.**	143.2	145	1.8	1.8	100	142	143
ER002			Abundant Chrysotile and carbonate veinlets. Abundant	145	148	2.6	3	87	143	144
ER002			small shears at 50d. Minor pug present. Trace sulphides	148	151	3	3	100	144	145
ER002			on sheared faces. Minor carbonate veinlets. Core tends	151	154	3	3	100	145	146

Hole	Log		Description	Recovery					Assays	
	From	To		From	To	Act	Meas	%	From	To
ER002			to be extremely broken. Abundant glassy faces.	154	155.7	1.7	1.7	100	146	147
ER002	147.7	150.2	**Apple green serpentinite with darker magnetite zones.**	155.7	158.7	2.3	3	77	147	148
ER002			Abundant white chrysotile and carbonate veinlets with	158.7	160.4	1.7	1.7	100	148	149
ER002			minor talc present. Chrysotile has a vesicular form. Trace	160.4	163	2.3	2.6	88	149	150
ER002			sulphides within small magnetite and serpentine veinlets.	163	166	2	3	67	150	151
ER002			Magnetite veinlets tend to be late stage veinlets.	166	169	1	3	33	151	152
ER002			Abundant glassy serpentine veinlets. Minor chlorite	169	170.4	1.4	1.4	100	152	153
ER002			present within abundant small shears.	170.4	172	1.6	1.6	100	153	154
ER002	150.2	151	**Puggy broken fault.**	172	173.4	1.4	1.4	100	154	155
ER002			Sheared broken core. Minor chrysotile veinlets present.	173.4	176.1	2.5	2.7	93		
ER002			looks to be a fairly low angle fault i.e.. 15d at upper contact.	176.1	178	1.7	1.9	89		
ER002			Abundant serpentine veinlets. Chrysotile veinlets are	178	180.7	2.6	2.7	96		
ER002			vesicular on sheared faces.	180.7	182.6	1.3	1.9	68		
ER002	151	155.3	**Apple green serpentinite with darker magnetite zones.**	182.6	183.9	1.2	1.3	92		
ER002			Abundant white chrysotile carbonate veinlets with minor	183.9	185.7	1.5	1.8	83		
ER002			talc present. Chrysotile has a vesicular form. Trace	185.7	188.1	2.4	2.4	100		
ER002			sulphides within small magnetite and serpentine veinlets.	188.1	190	1.7	1.9	89		
ER002			Magnetite veinlets tend to be late stage. Abundant	190	191.8	1.8	1.8	100		
ER002			glassy serpentine veinlets. Minor chlorite present within	191.8	193.7	1.9	1.9	100		
ER002			abundant small shears.	193.7	196	2.3	2.3	100		
ER002	155.3	155.7	**Puggy broken fault.**	196	197.7	1.7	1.7	100		
ER002			Sheared broken core. Abundant chrysotile veinlets	197.7	201.6	3.9	3.9	100		
ER002			present. Looks to be a fairly low angle fault i.e.. 10d at	201.6	204.7	3.1	3.1	100		
ER002			upper contact. Abundant serpentine veinlets. White	204.7	207.6	2.9	2.9	100		
ER002			chrysotile veinlets are vesicular on sheared faces,	207.6	210.7	3.1	3.1	100		
ER002			chrysotile tends to be fluffy on joint faces.	210.7	212.2	1.5	1.5	100		
ER002	155.7	179.4	**Apple green serpentinite with darker magnetite zones.**	212.2	214	1.7	1.8	94		
ER002			Abundant white chrysotile with minor talc, carbonate and	214	216.2	2.2	2.2	100	178	179
ER002			magnetite present. Chrysotile has a vesicular form.	216.2	217	0.1	0.8	12		
ER002			Magnetite veinlets tend to be late stage. Abundant glassy	217	218.8	1.7	1.8	94		
ER002			serpentine veinlets. Minor chlorite present within	218.8	221.3	2.4	2.5	96		
ER002			abundant small shears. Magnetite, chrysolite and talc	221.3	224.2	2.4	2.9	83		
ER002			tends to be oriented along cleavage. Glassy joints.	224.2	226	1.8	1.8	100		
ER002	179.4	180.7	**Puggy broken fault.**	226	229	3	3	100		
ER002			Sheared broken core. Abundant chrysotile veinlets	229	230.8	1.8	1.8	100		
ER002			present. looks to be a fairly low angle fault i.e. 10d at	230.8	233	2.2	2.2	100		
ER002			upper contact. Abundant serpentine veinlets. White	233	235	2	2	100		
ER002			chrysotile veinlets are vesicular on sheared faces,	235	238	3	3	100		
ER002			chrysotile tends to be fluffy on joint faces. Trace sulphides	238	240.2	2.2	2.2	100		
ER002			present.	240.2	243.2	3	3	100		
ER002	180.7	181.7	**Apple green serpentinite with darker magnetite zones.**	243.2	246.4	3.2	3.2	100		
ER002			Abundant white chrysotile with minor talc, carbonate and	246.4	248.6	2.2	2.2	100		
ER002			magnetite present. Chrysotile has a vesicular form.	248.6	251.7	3.1	3.1	100		
ER002			Magnetite veinlets tend to be late stage. Abundant glassy	251.7	253	1.2	1.3	92		
ER002			serpentine veinlets. Minor chlorite present within	253	256	2.6	3	87		
ER002			abundant small shears. Magnetite, chrysolite and talc	256	258.6	2.6	2.6	100		
ER002			tends to be oriented along cleavage. Glassy joints.	258.6	262	3.4	3.4	100		
ER002			Chrysotile tends to have a fibrous nature.	262	264.7	2.6	2.7	96		
ER002	181.7	183.9	**Puggy broken fault.**	264.7	267.7	2.9	3	97		
ER002			Sheared broken core. Abundant chrysotile veinlets.	267.7	270.8	3	3.1	97		
ER002			Looks to be a fairly low angle fault i.e. 70d at upper	270.8	273.9	3	3.1	97		
ER002			contact. Abundant serpentine veinlets. White vesicular	273.9	277	2.7	3.1	87		
ER002			chrysotile veinlets on sheared faces. Chrysotile tends to	277	280	3	3	100		
ER002			be fluffy on joint faces. Trace sulphides present.	280	283	3	3	100		
ER002	183.9	187.4	**Apple green serpentinite with darker magnetite zones.**	283	286	3	3	100		
ER002			Slightly glassy. Abundant chrysotile veinlets with minor	286	289	3	3	100		
ER002			magnetite, carbonate and talc. Abundant glassy	289	292	3	3	100		
ER002			serpentine veinlets. Minor chlorite within joint faces.	292	294.5	2.5	2.5	100		
ER002			Two generations of magnetite veinlets. One along	294.5	297.6	3.1	3.1	100		
ER002			foliation\cleavage or at 10d and one crosscutting at 50d.	297.6	300.7	3	3.1	97		
ER002			Abundant shears and small broken zones. Minor zones	300.7	303.7	3	3	100		
ER002			of spotted magnetite around 1mm in diameter. Some	303.7	306.8	3.1	3.1	100		
ER002			magnetite tends to be sheared along cleavage.	306.8	309.9	3	3.1	97		
ER002	187.4	188.1	**Small puggy broken fault.**	309.9	313	3	3.1	97		
ER002			Sheared broken core. Abundant chrysotile veinlets	313	316	2.8	3	93		
ER002			present. Abundant serpentine veinlets. White vesicular	316	319	0.6	3	20		

Hole	Log		Description	Recovery					Assays	
	From	To		From	To	Act	Meas	%	From	To
ER002			chrysotile veinlets. Chrysotile tends to	319	322	3	3	100		
ER002			be fluffy on joint faces. Minor amounts of pug present. No	322	325	3	3	100		
ER002			visible sulphide present.	325	328	2.9	3	97		
ER002	188.1	193.4	**Apple green serpentinite with darker magnetite zones.**	328	331	3	3	100		
ER002			Abundant white chrysotile veinlets with minor magnetite.	331	334	3	3	100	190	191
ER002			Trace sulphides present within sheared joint faces.	334	337	2.7	3	90		
ER002			Abundant small glassy shears with trace sulphides.	337	340	3	3	100		
ER002			Minor dark green fine grained tremolite\chlorite	340	343	3	3	100		
ER002			aggregates.	343	346	3	3	100		
ER002	193.4	193.9	**Small broken fault.**	346	348.5	2.5	2.5	100		
ER002			Sheared broken core. Abundant chrysotile veinlets	348.5	351.6	3.1	3.1	100		
ER002			present. Abundant serpentine veinlets. White vesicular	351.6	354.7	3.1	3.1	100		
ER002			chrysotile veinlets. Chrysotile tends to	354.7	357	2.3	2.3	100		
ER002			be fluffy on joint faces. Minor amounts of pug present. No	357	360	2.7	3	90		
ER002			visible sulphide present.	360	361.3	1.3	1.3	100		
ER002	193.9	198.6	**Apple green serpentinite with darker magnetite zones.**	361.3	363.4	2.1	2.1	100		
ER002			Abundant white chrysotile veinlets with minor magnetite.	363.4	365.1	1.7	1.7	100		
ER002			Abundant small glassy shears which feel soapy.	365.1	367	1.9	1.9	100		
ER002			Minor dark green fine grained tremolite\chlorite	367	370	3	3	100		
ER002			aggregates. Magnetite present along cleavage at 10d.	370	373	3	3	100		
ER002			and minor crosscutting magnetite veinlets at 30d.	373	376	3	3	100		
ER002			Minor 1mm spots of disseminated magnetite present.	376	379	3	3	100		
ER002			Abundant small shears present.	379	380.7	1.7	1.7	100		
ER002	198.6	198.9	**Small broken fault.**	380.7	383.4	2.7	2.7	100		
ER002			Sheared broken core. Minor white vesicular chrysotile	383.4	386.5	3.1	3.1	100		
ER002			veinlets present on sheared faces. Abundant serpentine	386.5	389.5	3	3	100		
ER002			veinlets. Chrysotile tends to be fluffy	389.5	390.7	1.2	1.2	100		
ER002			on joint faces. Minor amounts of pug present. No	390.7	392.5	1.8	1.8	100		
ER002			visible sulphide present.	392.5	395.6	3.1	3.1	100		
ER002			Minor magnetite veinlets.	395.6	398.5	2.9	2.9	100		
ER002	198.9	207.2	**Apple green serpentinite with darker magnetite zones.**	398.5	401.5	3	3	100		
ER002			Abundant white chrysotile veinlets with minor magnetite.	401.5	403.4	3	1.9	158	198.9	200
ER002			Abundant small glassy shears which feel soapy.	403.4	406	2.6	2.6	100	200	201
ER002			Trace dark green fine grained tremolite\chlorite	406	409	3	3	100	201	202
ER002			aggregates. Magnetite present along cleavage and within	409	412	3	3	100	202	203
ER002			veinlets. Abundant small shears present with strained	412	414.4	2.4	2.4	100	203	204
ER002			magnetite grains.	414.4	416.9	2.5	2.5	100	204	205
ER002	207.2	207.6	**Small broken fault.**	416.9	420	3.1	3.1	100	205	206
ER002			Sheared broken core. Minor white vesicular chrysotile	420	422.3	2.3	2.3	100	206	207
ER002			veinlets present on sheared faces. Abundant serpentine	422.3	425.3	3	3	100		
ER002			veinlets. Chrysotile tends to be fluffy on joint faces.	425.3	427.4	2.1	2.1	100		
ER002			Minor amounts of pug present.	427.4	430	2.6	2.6	100		
ER002			No visible sulphide present. Minor pug present on joint	430	431.3	1.3	1.3	100		
ER002			faces. Minor magnetite veinlets.	431.3	433.5	2.2	2.2	100		
ER002	207.6	216.1	**Apple green serpentinite with darker magnetite zones.**	433.5	434.8	1.1	1.3	85		
ER002			Abundant white chrysotile veinlets with minor magnetite.	434.8	437.9	2.8	3.1	90		
ER002			Abundant small glassy shears which feel soapy.	437.9	440.5	2.5	2.6	96		
ER002			Trace dark green fine grained tremolite\chlorite	440.5	443	2.4	2.5	96		
ER002			aggregates. Magnetite present along cleavage and within	443	445	2	2	100		
ER002			veinlets. Chrysotile tends to be vesicular and strained.	445	448	3	3	100		
ER002			Both disseminated and veinlets of magnetite.	448	449.8	1.8	1.8	100		
ER002	216.1	217	**Small broken fault.**	449.8	451.3	1.5	1.5	100		
ER002			Sheared broken core. Minor fine vesicular chrysotile	451.3	454	2.6	2.7	96		
ER002			veinlets present. Abundant serpentine veinlets.	454	457	3	3	100		
ER002			Chrysotile tends to be fluffy within veinlets.	457	460	2.8	3	93		
ER002			Minor amounts of pug present.	460	461.6	1.3	1.6	81		
ER002			No visible sulphide present. Minor pug present on joint	461.6	463.1	1.4	1.5	93		
ER002			faces. Minor magnetite veinlets.	463.1	464.7	1.6	1.6	100		
ER002	217	240.1	**Apple green serpentinite with darker magnetite zones.**	464.7	466.8	2	2.1	95		
ER002			Abundant white chrysotile veinlets with minor magnetite.	466.8	469	2.1	2.2	95	221.4	222.4
ER002			Abundant small glassy shears which feel soapy.	469	471	2	2	100		
ER002			Abundant magnetite within veinlets and disseminated.	471	472.4	1.3	1.4	93		
ER002			Chrysotile tends to be vesicular and strained.	472.4	475	2.4	2.6	92		
ER002			Both disseminated and veinlets of magnetite. 221.4m to	475	478	3	3	100		
ER002			222.9m red cherty silica alteration.	478	481	3	3	100		
ER002			Abundant small sheared broken zones.	481	484	2.9	3	97		

Hole	Log		Description	Recovery					Assays	
	From	To		From	To	Act	Meas	%	From	To
ER002	240.1	240.2	**Small puggy glassy fault.**	484	487	3	3	100		
ER002			Abundant sheared surfaces with fine vesicles present.	487	489.7	2.7	2.7	100		
ER002			Small chrysotile veinlets present. Minor magnetite	489.7	492.7	3	3	100		
ER002			present. No contact angles. Minor talc present, maybe	492.7	498.7	6	6	100		
ER002			trace chlorite present?. Glassy faces can be scratched	498.7	501.8	3.1	3.1	100		
ER002			with finger nail.	501.8	503.5	1.7	1.7	100		
ER002	240.2	265.3	**Light to dark green serpentinite.**	503.5	506.6	3.1	3.1	100	240	241
ER002			Some serpentinite tends to be black in colour with a	506.6	509.7	3.1	3.1	100		
ER002			increase in magnetite content. Minor magnetite present	509.7	512.7	3	3	100		
ER002			within veinlets. Minor red chert/sphalerite? aggregates	512.7	515.7	3	3	100		
ER002			between 240.7m and 240.8m. Minor tremolite aggregates	515.7	518.8	3.1	3.1	100		
ER002			present. Lower contact angles at 44d. Minor talc present.	518.8	520.7	1.5	1.9	79		
ER002			Trace sulphides present within sheared faces. Abundant	520.7	523	2	2.3	87		
ER002			vesicular chrysotile veinlets. Magnetite tends to be	523	EOH					
ER002			common along cleavage.							
ER002	265.3	265.6	**Small quartz/feldspar dyke/fault**							
ER002			White to light grey quartz feldspar dyke/fault. Two							
ER002			different minerals identified. Medium grained. Sharp							
ER002			upper contact at 44d. No sulphides present.							
ER002	265.6	293.5	**Light to dark green serpentinite.**							
ER002			Some serpentinite tends to be black in colour with a						266	267
ER002			increase in magnetite content. Minor magnetite present						267	268
ER002			within veinlets. Minor red chert/sphalerite? aggregates						268	269
ER002			between 288m and 289.5m. Minor tremolite aggregates						269	270
ER002			present. Irregular lower contact at 87d degrees. Minor talc							
ER002			present within chrysotile veinlets. Trace sulphides						288	289
ER002			present within sheared faces. Abundant vesicular						289	290
ER002			chrysotile veinlets. Magnetite tends to be common along						290	291
ER002			cleavage and secondary veinlets.						291	292
ER002	293.5	294.3	**Small quartz/feldspar/pyroxene dyke**						292	293
ER002			White to light grey medium to coarse grained quartz and						293	294
ER002			feldspar crystals. Dark brown to black coarse grained						294	295
ER002			pyroxene crystals. Sharp upper contact at 44d, irregular							
ER002			lower contact. Minor sphalerite present on lower contact?.							
ER002			Trace biotite present?							
ER002	294.3	315.5	**Light to dark green serpentinite.**							
ER002			Some serpentinite tends to be black in colour with a						307	308
ER002			increase in magnetite content. Minor magnetite present						308	309
ER002			within veinlets and disseminated. Abundant serpentine						309	310
ER002			veinlets. Trace sulphides present. Faulted lower contact							
ER002			at 56d. Abundant vesicular chrysotile present, tends to be							
ER002			fibrous. Abundant glassy faces present.							
ER002	315.5	316.2	**Small broken puggy fault zone.**							
ER002			Core extremely broken with abundant pug zones.							
ER002			Minor chrysotile present with a vesicular form.							
ER002			Abundant glassy faces. Slightly talcy soapy feel.							
ER002			Upper contact at 57d.							
ER002	316.2	333.2	**Dark green serpentinite.**							
ER002			Some serpentinite tends to be black in colour with a							
ER002			increase in magnetite content. Minor magnetite present							
ER002			within veinlets and disseminated. Abundant serpentine							
ER002			veinlets. Faulted lower contact at 54d. Abundant							
ER002			vesicular and fibrous chrysotile present.							
ER002			Abundant glassy faces present.							
ER002	333.2	335.5	**Small broken fault zone.**							
ER002			Extremely sheared serpentinite with abundant vesicular							
ER002			fibres. Simular to a picrite. Minor magnetite present							
ER002			within veinlets. Abundant chrysotile and glassy faces.							
ER002			Minor talc present. Broken lower contact.							
ER002	335.5	339.6	**Dark green serpentinite.**							
ER002			Dark green to light green serpentinite. Increase in							
ER002			magnetite with darker serpentinite. Irregular lower							
ER002			contact with dyke. Lower contact at 54d. Abundant							
ER002			glassy faces and small chrysotile veinlets. Minor							
ER002			serpentine veinlets. No visible sulphide present.							
ER002	339.6	340.7	**Small quartz/feldspar/pyroxene dyke**							

Hole	Log From	Log To	Description	Recovery From	Recovery To	Recovery Act	Recovery Meas	Recovery %	Assays From	Assays To
ER002			White to light grey, medium to coarse grained quartz and						338.6	339.6
ER002			feldspar crystals. Dark brown to black coarse grained						339.6	340.7
ER002			pyroxene crystals. Minor light pink crystals? seen at upper						340.7	341.7
ER002			contact. Irregular upper contact at 54d, irregular lower							
ER002			contact at 54 d. Minor sphalerite present?.							
ER002	340.7	363.2	**Dark green serpentinite.**							
ER002			Dark green serpentinite with abundant disseminated						350.4	351.4
ER002			magnetite. Abundant veinlets of magnetite.						351.4	352.4
ER002			Minor serpentine veinlets. Minor white talc present						352.4	353.4
ER002			with fibrous/vesicular chrysotile veinlets. Abundant							
ER002			glassy faces. Abundant small shears present and broken							
ER002			core. Minor sphalerite present?.							
ER002	363.2	363.4	**Small puggy broken fault.**							
ER002			Core extremely broken with abundant pug zones.							
ER002			Abundant glassy faces. Minor white chrysotile veinlets.							
ER002			Sharp upper contact at 33d.							
ER002	363.4	391.7	**Dark green serpentinite**							
ER002			Dark green serpentinite with abundant finely						385	386
ER002			disseminated magnetite. Abundant chrysotile veinlets						386	387
ER002			and serpentine veinlets. Abundant small sheared						387	388
ER002			zones. Common picrite present. Abundant glassy face.							
ER002			Sheared small faults with vesicular crystals. No visible							
ER002			sulphides. Minor apple green picrite present. Minor							
ER002			talc present. Lower contacted is faulted. Trace sulphides.							
ER002	391.7	392.5	**Small broken fault zone.**							
ER002			Minor white to light green talc, extremely soft, can be							
ER002			scratched with finger nail. Abundant sheared glassy							
ER002			faces. Minor pug present.							
ER002	392.5	430.7	**Dark green serpentinite.**							
ER002			Dark green serpentinite with abundant finely							
ER002			disseminated magnetite. Minor chrysotile veinlets							
ER002			and abundant serpentine veinlets. Abundant small							
ER002			sheared zones. Abundant glassy face. Minor fine grained							
ER002			tremolite. Abundant small sheared faults with vesicular							
ER002			crystals. No visible sulphides. Minor apple green picrite							
ER002			present. Minor talc present. Lower contacted is faulted.							
ER002	430.7	431.3	**Small broken fault zone.**							
ER002			Minor white to light green talc, extremely soft, can be							
ER002			scratched with finger nail. Abundant sheared glassy							
ER002			faces. Minor pug present. Minor chrysotile present.							
ER002			Minor picrite present.							
ER002	431.3	460.8	**Dark green and black serpentinite.**							
ER002			Abundant magnetite present and 1cm large pyroxene						441.4	442.4
ER002			/olivine crystals. Abundant chrysotile veinlets. Low						442.4	443.4
ER002			angle upper contact fault i.e. 10 degrees. Trace						443.4	444.4
ER002			finely disseminated sulphides. Minor talc present.							
ER002			Faulted lower contact at around 10d. Abundant							
ER002			magnetite parallel with foliation and late stage							
ER002			crosscutting magnetite veinlets. Abundant glassy							
ER002			faces and small sheared/puggy zones. Abundant picrite							
ER002			shears.							
ER002	460.8	461.5	**Small broken fault zone.**							
ER002			Abundant puggy and talc. Apple green glassy pug.							
ER002			Minor chrysotile present. Abundant serpentine veinlets.							
ER002			Extremely brittle core.							
ER002	461.5	470.4	**Dark green and black serpentinite.**							
ER002			Abundant chrysotile veinlets. Low							
ER002			angle upper fault with fault i.e. 35 degrees.							
ER002			Minor talc present.							
ER002			Faulted lower contact at around 65d. Abundant							
ER002			magnetite parallel with foliation and late stage							
ER002			crosscutting magnetite veinlets. Abundant glassy							
ER002			faces and small sheared/puggy zones. Abundant picrite							
ER002			shears.							
ER002	470.4	471	**Small broken fault zone.**							
ER002			Abundant puggy and talc. Abundant apple green glassy							

Hole	Log		Description	Recovery					Assays	
	From	To		From	To	Act	Meas	%	From	To
ER002			pug. Minor chrysotile present. Abundant serpentine							
ER002			veinlets. Extremely brittle core. Lower contact at 30d.							
ER002	471	519.3	**Dark green and black serpentinite.**							
ER002			Abundant chrysotile veinlets.						476	477
ER002			Minor talc present and picrite present.						477	478
ER002			Faulted lower contact at around 65d. Abundant						492.5	493.5
ER002			magnetite parallel with foliation and late stage							
ER002			crosscutting magnetite veinlets. Abundant glassy							
ER002			faces and small sheared/puggy zones. Abundant small							
ER002			shears present. Magnetite content looks to decrease							
ER002			from 492.7 to EOH, serpentinite turns to a light glassy							
ER002			green.							
ER002	519.3	520.7	**Large broken fault zone.**							
ER002			Core extremely broken with abundant pug zones.							
ER002			Abundant apple green picrite. Abundant glassy							
ER002			serpentinite. Minor magnetite present within veinlets.							
ER002			Slightly leached.							
ER002	520.7	523	**Light apple green serpentinite.**							
ER002			Abundant chrysotile veinlets. Minor magnetite in veinlets.							
ER002			Minor talc and picrite present. Abundant glassy faces.							
ER002			Same as interval 471m-519.3m. EOH 523m.							

Hole	Depth	Rock	Mag Sus 10^{-3}		Hole	Depth	Rock	Mag Sus 10^{-3}
ER002	23.5	MUD/SILT	25		ER002	85.5	MUD/SILT	4
ER002	24.5	MUD/SILT	4		ER002	86.5	MUD/SILT	27
ER002	25.5	MUD/SILT	6		ER002	87.5	MUD/SILT	17
ER002	26.5	MUD/SILT	9		ER002	88.5	MUD/SILT	14
ER002	27.5	MUD/SILT	16		ER002	89.5	MUD/SILT	14
ER002	28.5	MUD/SILT	0		ER002	90.5	MUD/SILT	17
ER002	29.5	MUD/SILT	1		ER002	91.5	MUD/SILT	8
ER002	30.5	MUD/SILT	0		ER002	92.5	MUD/SILT	10
ER002	31.5	MUD/SILT	0		ER002	93.5	MUD/SILT	13
ER002	32.5	MUD/SILT	0		ER002	94.5	MUD/SILT	15
ER002	33.5	MUD/SILT	0		ER002	95.5	MUD/SILT	0
ER002	34.5	MUD/SILT	0		ER002	96.5	MUD/SILT	0
ER002	35.5	MUD/SILT	0		ER002	97.5	MUD/SILT	0
ER002	36.5	MUD/SILT	0		ER002	98.5	MUD/SILT	0
ER002	37.5	MUD/SILT	0		ER002	99.5	MUD/SILT	0
ER002	38.5	MUD/SILT	0		ER002	100.5	MUD/SILT	20
ER002	39.5	MUD/SILT	0		ER002	101.5	MUD/SILT	13
ER002	40.5	MUD/SILT	0		ER002	102.5	MUD/SILT	70
ER002	41.5	MUD/SILT	0		ER002	103.5	MUD/SILT	21
ER002	42.5	MUD/SILT	0		ER002	104.5	MUD/SILT	32
ER002	43.5	MUD/SILT	20		ER002	105.5	MUD/SILT	120
ER002	44.5	MUD/SILT	13		ER002	106.5	MUD/SILT	19
ER002	45.5	MUD/SILT	6		ER002	107.5	MUD/SILT	40
ER002	46.5	MUD/SILT	12		ER002	108.5	MUD/SILT	14
ER002	47.5	MUD/SILT	0		ER002	109.5	MUD/SILT	0
ER002	48.5	MUD/SILT	0		ER002	110.5	MUD/SILT	0
ER002	49.5	MUD/SILT	0		ER002	111.5	MUD/SILT	0
ER002	50.5	MUD/SILT	0		ER002	112.5	MUD/SILT	0
ER002	51.5	MUD/SILT	0		ER002	113.5	MUD/SILT	6
ER002	52.5	MUD/SILT	0		ER002	114.5	MUD/SILT	0
ER002	53.5	MUD/SILT	0		ER002	115.5	MUD/SILT	6
ER002	54.5	MUD/SILT	0		ER002	116.5	MUD/SILT	20
ER002	55.5	MUD/SILT	0		ER002	117.5	MUD/SILT	10
ER002	56.5	MUD/SILT	0		ER002	118.5	MUD/SILT	17
ER002	57.5	MUD/SILT	0		ER002	119.5	MUD/SILT	13
ER002	58.5	MUD/SILT	0		ER002	120.5	MUD/SILT	21
ER002	59.5	MUD/SILT	24		ER002	121.5	MUD/SILT	12
ER002	60.5	MUD/SILT	23		ER002	122.5	MUD/SILT	14
ER002	61.5	MUD/SILT	32		ER002	123.5	MUD/SILT	38
ER002	62.5	MUD/SILT	14		ER002	124.5	MUD/SILT	38
ER002	63.5	MUD/SILT	5		ER002	125.5	MUD/SILT	10
ER002	64.5	MUD/SILT	0		ER002	126.5	SERPENTINITE	50
ER002	65.5	MUD/SILT	6		ER002	127.5	SERPENTINITE	18
ER002	66.5	MUD/SILT	5		ER002	128.5	SERPENTINITE	500
ER002	67.5	MUD/SILT	6		ER002	129.5	SERPENTINITE	54
ER002	68.5	MUD/SILT	5		ER002	130.5	SERPENTINITE	9500
ER002	69.5	MUD/SILT	6		ER002	131.5	SERPENTINITE	12000
ER002	70.5	MUD/SILT	8		ER002	132.5	SERPENTINITE	15200
ER002	71.5	MUD/SILT	5		ER002	133.5	SERPENTINITE	14250
ER002	72.5	MUD/SILT	4		ER002	134.5	SERPENTINITE	18780
ER002	73.5	MUD/SILT	0		ER002	135.5	SERPENTINITE	9600
ER002	74.5	MUD/SILT	0		ER002	136.5	SERPENTINITE	14500
ER002	75.5	MUD/SILT	5		ER002	137.5	SERPENTINITE	7380
ER002	76.5	MUD/SILT	0		ER002	138.5	SERPENTINITE	12800
ER002	77.5	MUD/SILT	0		ER002	139.5	SERPENTINITE	700
ER002	78.5	MUD/SILT	0		ER002	140.5	SERPENTINITE	14400
ER002	79.5	MUD/SILT	0		ER002	141.5	SERPENTINITE	59
ER002	80.5	MUD/SILT	0		ER002	142.5	SERPENTINITE	17500
ER002	81.5	MUD/SILT	0		ER002	143.5	FAULT	2450
ER002	82.5	MUD/SILT	2		ER002	144.5	FAULT	13000
ER002	83.5	MUD/SILT	6		ER002	145.5	SERPENTINITE	20320
ER002	84.5	MUD/SILT	0		ER002	146.5	SERPENTINITE	13200
ER002	147.5	FAULT	25		ER002	209.5	SERPENTINITE	9196
ER002	148.5	SERPENTINITE	5550		ER002	210.5	SERPENTINITE	8523

Hole	Depth	Rock	Mag Sus 10^{-5}
ER002	149.5	SERPENTINITE	7150
ER002	150.5	FAULT	2061
ER002	151.5	SERPENTINITE	10400
ER002	152.5	SERPENTINITE	15220
ER002	153.5	SERPENTINITE	13300
ER002	154.5	SERPENTINITE	14500
ER002	155.5	SERPENTINITE	7700
ER002	156.5	SERPENTINITE	16330
ER002	157.5	SERPENTINITE	22820
ER002	158.5	SERPENTINITE	12000
ER002	159.5	SERPENTINITE	4300
ER002	160.5	SERPENTINITE	17000
ER002	161.5	SERPENTINITE	9200
ER002	162.5	SERPENTINITE	7220
ER002	163.5	SERPENTINITE	2550
ER002	164.5	SERPENTINITE	700
ER002	165.5	SERPENTINITE	12080
ER002	166.5	SERPENTINITE	7270
ER002	167.5	SERPENTINITE	5
ER002	168.5	SERPENTINITE	2
ER002	169.5	SERPENTINITE	31
ER002	170.5	SERPENTINITE	14000
ER002	171.5	SERPENTINITE	8865
ER002	172.5	SERPENTINITE	16
ER002	173.5	SERPENTINITE	11640
ER002	174.5	SERPENTINITE	27030
ER002	175.5	SERPENTINITE	10840
ER002	176.5	SERPENTINITE	11230
ER002	177.5	SERPENTINITE	12320
ER002	178.5	SERPENTINITE	18450
ER002	179.5	FAULT	8850
ER002	180.5	SERPENTINITE	8050
ER002	181.5	FAULT	20150
ER002	182.5	FAULT	3750
ER002	183.5	FAULT	5
ER002	184.5	SERPENTINITE	7700
ER002	185.5	SERPENTINITE	7600
ER002	186.5	SERPENTINITE	17000
ER002	187.5	SERPENTINITE	5400
ER002	188.5	FAULT	7650
ER002	189.5	SERPENTINITE	7240
ER002	190.5	SERPENTINITE	15000
ER002	191.5	SERPENTINITE	1645
ER002	192.5	SERPENTINITE	42000
ER002	193.5	FAULT	25000
ER002	194.5	SERPENTINITE	6892
ER002	195.5	SERPENTINITE	20000
ER002	196.5	SERPENTINITE	6450
ER002	197.5	SERPENTINITE	4820
ER002	198.5	SERPENTINITE	0
ER002	199.5	FAULT	7200
ER002	200.5	SERPENTINITE	12900
ER002	201.5	SERPENTINITE	5500
ER002	202.5	SERPENTINITE	48370
ER002	203.5	SERPENTINITE	5400
ER002	204.5	SERPENTINITE	9831
ER002	205.5	SERPENTINITE	9500
ER002	206.5	SERPENTINITE	19000
ER002	207.5	SERPENTINITE	4400
ER002	208.5	SERPENTINITE	7564
ER002	271.5	SERPENTINITE	16290
ER002	272.5	SERPENTINITE	10600
ER002	273.5	SERPENTINITE	9650
ER002	274.5	SERPENTINITE	2130

Hole	Depth	Rock	Mag Sus 10^{-5}
ER002	211.5	SERPENTINITE	11360
ER002	212.5	SERPENTINITE	8100
ER002	213.5	SERPENTINITE	6000
ER002	214.5	SERPENTINITE	13300
ER002	215.5	SERPENTINITE	12360
ER002	216.5	FAULT	1200
ER002	217.5	SERPENTINITE	3674
ER002	218.5	SERPENTINITE	2070
ER002	219.5	SERPENTINITE	1151
ER002	220.5	SERPENTINITE	500
ER002	221.5	SERPENTINITE	307
ER002	222.5	SERPENTINITE	0
ER002	223.5	SERPENTINITE	0
ER002	224.5	SERPENTINITE	10370
ER002	225.5	SERPENTINITE	8530
ER002	226.5	SERPENTINITE	7310
ER002	227.5	SERPENTINITE	12920
ER002	228.5	SERPENTINITE	21200
ER002	229.5	SERPENTINITE	10460
ER002	230.5	SERPENTINITE	3200
ER002	231.5	SERPENTINITE	3180
ER002	232.5	SERPENTINITE	2300
ER002	233.5	SERPENTINITE	5000
ER002	234.5	SERPENTINITE	4000
ER002	235.5	SERPENTINITE	1065
ER002	236.5	SERPENTINITE	11140
ER002	237.5	SERPENTINITE	10600
ER002	238.5	SERPENTINITE	12200
ER002	239.5	SERPENTINITE	6950
ER002	240.5	SERPENTINITE	280
ER002	241.5	SERPENTINITE	13450
ER002	242.5	SERPENTINITE	10570
ER002	243.5	SERPENTINITE	8266
ER002	244.5	SERPENTINITE	1400
ER002	245.5	SERPENTINITE	2050
ER002	246.5	SERPENTINITE	1400
ER002	247.5	SERPENTINITE	12000
ER002	248.5	SERPENTINITE	300
ER002	249.5	SERPENTINITE	12490
ER002	250.5	SERPENTINITE	300
ER002	251.5	SERPENTINITE	1510
ER002	252.5	SERPENTINITE	13810
ER002	253.5	SERPENTINITE	4900
ER002	254.5	SERPENTINITE	10000
ER002	255.5	SERPENTINITE	11000
ER002	256.5	SERPENTINITE	113
ER002	257.5	SERPENTINITE	1050
ER002	258.5	SERPENTINITE	5500
ER002	259.5	SERPENTINITE	3800
ER002	260.5	SERPENTINITE	11400
ER002	261.5	SERPENTINITE	8400
ER002	262.5	SERPENTINITE	6500
ER002	263.5	SERPENTINITE	9000
ER002	264.5	SERPENTINITE	7600
ER002	265.5	DYKE	491
ER002	266.5	SERPENTINITE	0
ER002	267.5	SERPENTINITE	1295
ER002	268.5	SERPENTINITE	5600
ER002	269.5	SERPENTINITE	7600
ER002	270.5	SERPENTINITE	11500
ER002	333.5	FAULT	18500
ER002	334.5	FAULT	0
ER002	335.5	FAULT	1120
ER002	336.5	SERPENTINITE	24760

Hole	Depth	Rock	Mag Sus 10^{-5}		Hole	Depth	Rock	Mag Sus 10^{-5}
ER002	275.5	SERPENTINITE	94		ER002	337.5	SERPENTINITE	19000
ER002	276.5	SERPENTINITE	8990		ER002	338.5	SERPENTINITE	9185
ER002	277.5	SERPENTINITE	830		ER002	339.5	SERPENTINITE	1630
ER002	278.5	SERPENTINITE	8600		ER002	340.5	DYKE	2
ER002	279.5	SERPENTINITE	7400		ER002	341.5	SERPENTINITE	7529
ER002	280.5	SERPENTINITE	7700		ER002	342.5	SERPENTINITE	11200
ER002	281.5	SERPENTINITE	5850		ER002	343.5	SERPENTINITE	2313
ER002	282.5	SERPENTINITE	7120		ER002	344.5	SERPENTINITE	21750
ER002	283.5	SERPENTINITE	6300		ER002	345.5	SERPENTINITE	670
ER002	284.5	SERPENTINITE	8916		ER002	346.5	SERPENTINITE	21500
ER002	285.5	SERPENTINITE	10500		ER002	347.5	SERPENTINITE	8029
ER002	286.5	SERPENTINITE	5963		ER002	348.5	SERPENTINITE	4200
ER002	287.5	SERPENTINITE	455		ER002	349.5	SERPENTINITE	5100
ER002	288.5	SERPENTINITE	5700		ER002	350.5	SERPENTINITE	15410
ER002	289.5	SERPENTINITE	500		ER002	351.5	SERPENTINITE	11280
ER002	290.5	SERPENTINITE	3230		ER002	352.5	SERPENTINITE	820
ER002	291.5	SERPENTINITE	1936		ER002	353.5	SERPENTINITE	11300
ER002	292.5	SERPENTINITE	2367		ER002	354.5	SERPENTINITE	9750
ER002	293.5	DYKE	3400		ER002	355.5	SERPENTINITE	12400
ER002	294.5	DYKE	4467		ER002	356.5	SERPENTINITE	8200
ER002	295.5	SERPENTINITE	12780		ER002	357.5	SERPENTINITE	11200
ER002	296.5	SERPENTINITE	7816		ER002	358.5	SERPENTINITE	0
ER002	297.5	SERPENTINITE	6320		ER002	359.5	SERPENTINITE	1600
ER002	298.5	SERPENTINITE	5865		ER002	360.5	SERPENTINITE	7700
ER002	299.5	SERPENTINITE	14400		ER002	361.5	SERPENTINITE	9850
ER002	300.5	SERPENTINITE	15400		ER002	362.5	SERPENTINITE	8500
ER002	301.5	SERPENTINITE	27930		ER002	363.5	SERPENTINITE	8500
ER002	302.5	SERPENTINITE	140		ER002	364.5	SERPENTINITE	6650
ER002	303.5	SERPENTINITE	5617		ER002	365.5	SERPENTINITE	10140
ER002	304.5	SERPENTINITE	2020		ER002	366.5	SERPENTINITE	11900
ER002	305.5	SERPENTINITE	18660		ER002	367.5	SERPENTINITE	9500
ER002	306.5	SERPENTINITE	19900		ER002	368.5	SERPENTINITE	6800
ER002	307.5	SERPENTINITE	15150		ER002	369.5	SERPENTINITE	470
ER002	308.5	SERPENTINITE	134		ER002	370.5	SERPENTINITE	100
ER002	309.5	SERPENTINITE	23250		ER002	371.5	SERPENTINITE	800
ER002	310.5	SERPENTINITE	1500		ER002	372.5	SERPENTINITE	960
ER002	311.5	SERPENTINITE	31		ER002	373.5	SERPENTINITE	2250
ER002	312.5	SERPENTINITE	5061		ER002	374.5	SERPENTINITE	8500
ER002	313.5	SERPENTINITE	8680		ER002	375.5	SERPENTINITE	7900
ER002	314.5	SERPENTINITE	14000		ER002	376.5	SERPENTINITE	6620
ER002	315.5	FAULT	11500		ER002	377.5	SERPENTINITE	60
ER002	316.5	SERPENTINITE	2850		ER002	378.5	SERPENTINITE	10500
ER002	317.5	SERPENTINITE	11800		ER002	379.5	SERPENTINITE	14400
ER002	318.5	SERPENTINITE	17670		ER002	380.5	SERPENTINITE	5500
ER002	319.5	SERPENTINITE	15460		ER002	381.5	SERPENTINITE	8800
ER002	320.5	SERPENTINITE	9428		ER002	382.5	SERPENTINITE	121
ER002	321.5	SERPENTINITE	11100		ER002	383.5	SERPENTINITE	4
ER002	322.5	SERPENTINITE	16090		ER002	384.5	SERPENTINITE	0
ER002	323.5	SERPENTINITE	17000		ER002	385.5	SERPENTINITE	14
ER002	324.5	SERPENTINITE	21000		ER002	386.5	SERPENTINITE	4400
ER002	325.5	SERPENTINITE	9300		ER002	387.5	SERPENTINITE	1800
ER002	326.5	SERPENTINITE	15300		ER002	388.5	SERPENTINITE	2220
ER002	327.5	SERPENTINITE	12600		ER002	389.5	SERPENTINITE	1200
ER002	328.5	SERPENTINITE	9600		ER002	390.5	SERPENTINITE	5500
ER002	329.5	SERPENTINITE	30000		ER002	391.5	SERPENTINITE	1800
ER002	330.5	SERPENTINITE	26700		ER002	392.5	FAULT	130
ER002	331.5	SERPENTINITE	23840		ER002	393.5	SERPENTINITE	700
ER002	332.5	SERPENTINITE	12700		ER002	394.5	SERPENTINITE	2787
ER002	395.5	SERPENTINITE	411		ER002	457.5	SERPENTINITE	16630
ER002	396.5	SERPENTINITE	42		ER002	458.5	SERPENTINITE	16500
ER002	397.5	SERPENTINITE	600		ER002	459.5	SERPENTINITE	13430
ER002	398.5	SERPENTINITE	0		ER002	460.5	SERPENTINITE	8350
ER002	399.5	SERPENTINITE	2100		ER002	461.5	FAULT	15280
ER002	400.5	SERPENTINITE	10		ER002	462.5	SERPENTINITE	6800

Hole	Depth	Rock	Mag Sus 10^{-5}
ER002	401.5	SERPENTINITE	68
ER002	402.5	SERPENTINITE	513
ER002	403.5	SERPENTINITE	460
ER002	404.5	SERPENTINITE	660
ER002	405.5	SERPENTINITE	74
ER002	406.5	SERPENTINITE	31
ER002	407.5	SERPENTINITE	788
ER002	408.5	SERPENTINITE	147
ER002	409.5	SERPENTINITE	34
ER002	410.5	SERPENTINITE	256
ER002	411.5	SERPENTINITE	4300
ER002	412.5	SERPENTINITE	13
ER002	413.5	SERPENTINITE	420
ER002	414.5	SERPENTINITE	0
ER002	415.5	SERPENTINITE	62
ER002	416.5	SERPENTINITE	2805
ER002	417.5	SERPENTINITE	306
ER002	418.5	SERPENTINITE	4350
ER002	419.5	SERPENTINITE	6500
ER002	420.5	SERPENTINITE	7400
ER002	421.5	SERPENTINITE	5550
ER002	422.5	SERPENTINITE	4316
ER002	423.5	SERPENTINITE	7230
ER002	424.5	SERPENTINITE	7000
ER002	425.5	SERPENTINITE	0
ER002	426.5	SERPENTINITE	2610
ER002	427.5	SERPENTINITE	2
ER002	428.5	SERPENTINITE	900
ER002	429.5	SERPENTINITE	31
ER002	430.5	SERPENTINITE	32
ER002	431.5	FAULT	5865
ER002	432.5	SERPENTINITE	810
ER002	433.5	SERPENTINITE	3021
ER002	434.5	SERPENTINITE	6370
ER002	435.5	SERPENTINITE	13
ER002	436.5	SERPENTINITE	4
ER002	437.5	SERPENTINITE	2750
ER002	438.5	SERPENTINITE	6650
ER002	439.5	SERPENTINITE	314
ER002	440.5	SERPENTINITE	6260
ER002	441.5	SERPENTINITE	6000
ER002	442.5	SERPENTINITE	16000
ER002	443.5	SERPENTINITE	2300
ER002	444.5	SERPENTINITE	1700
ER002	445.5	SERPENTINITE	11690
ER002	446.5	SERPENTINITE	9060
ER002	447.5	SERPENTINITE	8200
ER002	448.5	SERPENTINITE	10300
ER002	449.5	SERPENTINITE	8600
ER002	450.5	SERPENTINITE	6800
ER002	451.5	SERPENTINITE	9075
ER002	452.5	SERPENTINITE	15000
ER002	453.5	SERPENTINITE	22800
ER002	454.5	SERPENTINITE	12460
ER002	455.5	SERPENTINITE	13240
ER002	456.5	SERPENTINITE	12450
ER002	519.5	SERPENTINITE	5270
ER002	520.5	FAULT	3725
ER002	521.5	SERPENTINITE	9650
ER002	522.5	SERPENTINITE	650

Hole	Depth	Rock	Mag Sus 10^{-5}
ER002	463.5	SERPENTINITE	10050
ER002	464.5	SERPENTINITE	7376
ER002	465.5	SERPENTINITE	10500
ER002	466.5	SERPENTINITE	15730
ER002	467.5	SERPENTINITE	10620
ER002	468.5	SERPENTINITE	12150
ER002	469.5	SERPENTINITE	8300
ER002	470.5	FAULT	4400
ER002	471.5	SERPENTINITE	4250
ER002	472.5	SERPENTINITE	5550
ER002	473.5	SERPENTINITE	3190
ER002	474.5	SERPENTINITE	66
ER002	475.5	SERPENTINITE	5
ER002	476.5	SERPENTINITE	50
ER002	477.5	SERPENTINITE	5
ER002	478.5	SERPENTINITE	780
ER002	479.5	SERPENTINITE	10
ER002	480.5	SERPENTINITE	2
ER002	481.5	SERPENTINITE	95
ER002	482.5	SERPENTINITE	569
ER002	483.5	SERPENTINITE	23
ER002	484.5	SERPENTINITE	73
ER002	485.5	SERPENTINITE	5550
ER002	486.5	SERPENTINITE	1211
ER002	487.5	SERPENTINITE	21
ER002	488.5	SERPENTINITE	13
ER002	489.5	SERPENTINITE	867
ER002	490.5	SERPENTINITE	167
ER002	491.5	SERPENTINITE	28
ER002	492.5	SERPENTINITE	29
ER002	493.5	SERPENTINITE	480
ER002	494.5	SERPENTINITE	703
ER002	495.5	SERPENTINITE	2929
ER002	496.5	SERPENTINITE	8885
ER002	497.5	SERPENTINITE	11000
ER002	498.5	SERPENTINITE	40190
ER002	499.5	SERPENTINITE	12000
ER002	500.5	SERPENTINITE	12600
ER002	501.5	SERPENTINITE	5380
ER002	502.5	SERPENTINITE	5300
ER002	503.5	SERPENTINITE	9570
ER002	504.5	SERPENTINITE	9100
ER002	505.5	SERPENTINITE	26100
ER002	506.5	SERPENTINITE	11700
ER002	507.5	SERPENTINITE	22310
ER002	508.5	SERPENTINITE	14200
ER002	509.5	SERPENTINITE	14000
ER002	510.5	SERPENTINITE	10800
ER002	511.5	SERPENTINITE	10000
ER002	512.5	SERPENTINITE	15000
ER002	513.5	SERPENTINITE	11000
ER002	514.5	SERPENTINITE	7900
ER002	515.5	SERPENTINITE	5500
ER002	516.5	SERPENTINITE	9200
ER002	517.5	SERPENTINITE	9950
ER002	518.5	SERPENTINITE	20000

COMPANY	**ALLEGIANCE MINING NL**
PROJECT	**EL 5/2002 EAST RENISON**
HOLE No.	**ER003**

Commenced	31-Jan-07
Completed	20-Feb-07
Logged by	LAN
Drilled by	Almac-38-Noel

Collar Details

Grid	AMG66
Easting	372 200
Northing	5 369 950
Elevation	2 220
Dip	-50
Bearing	300

Length (m)	501.00

Hole Size

From	To	Size
0.0	37.0	HQ
37.0	501.0	NQ

Major core losses:

From	To	% rec

Down Hole Survey

Depth	Dip	Mag Brg	Grid Brg
0	-50		300
50	-49	-262	301
100	-48	290	302
150	-46	-286	302
200	-46	-315	302
250	-44	-315	302
300	-43	-18	302
350	-42	290	302
400	-41	290	302
450	-39	-273	303
500	-38	293	305

Purpose of Hole

Hole drilled to test the Western mafic-ultramafic sequence to the NNE of the Karlson-Rilet workings for nickel suphide mineralisationat East Renison.

Comments on Completion

No significant mineralisation was intersected: hole collared in gabbro, passed into ultramafics at 155.0m and out of ultramafics into sediments at 490.0m

Hole Completion Condition

All steel was removed from the hole

Notes on Surveys

Down hole surveys were severely affected by magnetite in the stratigraphy: Down hole surveys marked as -ve are to be disregarded as untrustworthy.

Project	Hole ID	From	To	Description	Recovery			Assays		Ni	Cu	Zn	As	Cr	Sn	S
					From	To	%	From	To	ppm	ppm	ppm	ppm	ppm	ppm	%
East Ren	ER 003	0	155	ALTERED GABBRO:	0	3.7	50	21	22	2270	<10	70	<50	2460	30	<0.02
East Ren	ER 003			bright green strongly altered gabbro, containing abundant	3.7	5.5	80	28	29	2460	<10	70	<50	1970	20	0.02
East Ren	ER 003			magnetite;	5.5	7	65	36	37	2100	<10	70	<50	1380	30	0.05
East Ren	ER 003			0.0-10.0m: very broken, strongly weathered and altered bright	7	8.6	100	40	41	2340	<10	80	<50	1650	20	0.05
East Ren	ER 003			green gabbro, cut by abundant late stage magnetite veins;	8.6	10	60	45	46	1930	<10	80	<50	2390	20	0.03
East Ren	ER 003			10.0-77.0m: same rock as above but ground conditions steadily	10	111.9	100									
East Ren	ER 003			improving; alteration results in bright green serpentine rocks,	111.9	114.9	85	49	50	2020	10	90	<50	2770	20	0.04
East Ren	ER 003			cut by quartz veins; white quartz spotting (? Alteration of	114.9	155	100									
East Ren	ER 003			feldspars?) pervasive;				53	54	2100	10	80	<50	1400	40	0.04
East Ren	ER 003			magnetite present as both random 1-5mm veins associated with												
East Ren	ER 003			quartz veining and as coarse disseminated euhedral aggregates				58	59	2280	<10	70	<50	1120	20	0.04
East Ren	ER 003			only very rare specs of sulfide;												
East Ren	ER 003			minor carbonate alteration;				62	63	2070	<10	100	<50	2180	20	<0.02
East Ren	ER 003			ground soft and moderately competent;												
East Ren	ER 003			77.0-89.0m: pale green intensely altered gabbro with abundant				66	67	2210	10	70	50	1750	40	<0.02
East Ren	ER 003			coarse seggregations of white carbonate resulting in blotchy												
East Ren	ER 003			texture; numerous 5-20mm wide white carbonate veins;				70	71	2220	10	80	50	1620	30	0.03
East Ren	ER 003			magnetite abundant as seggregations in altered gabbro and as												
East Ren	ER 003			thin veins and streaks associated with carbonate veins;				74	75	1040	<10	60	<50	1160	40	<0.02
East Ren	ER 003			?? Possibly some minor sphalerite??												
East Ren	ER 003			89.0-103.0m: strongly altered light green gabbro similar to unit				77	78	2200	<10	90	<50	1410	40	<0.02
East Ren	ER 003			above but no white carbonate seggregations apart from widely												
East Ren	ER 003			spaced 5-20mm white veins;				82	83	1920	10	70	50	1370	20	0.02
East Ren	ER 003			magnetite common as above;												
East Ren	ER 003			103.0-133.0m: altered gabbro with intense carbonate-talc				87	88	2220	10	80	50	1550	20	0.04
East Ren	ER 003			magnetite development;												
East Ren	ER 003			white carbonate present as large alteration seggregations				94	95	2590	10	80	<50	1620	30	0.03
East Ren	ER 003			(white blotchy appearance) and as irregular swirling carbonate-												
East Ren	ER 003			talc-magnetite veins or masses;				100	101	2340	<10	80	<50	1800	30	<0.02
East Ren	ER 003			abundant magnetite in talc-carbonate veins as thin seams and												
East Ren	ER 003			veinlets; also abundant as euhedral seggregations and grains in				117	118	2390	<10	60	<50	1180	10	0.04
East Ren	ER 003			altered gabbro;												
East Ren	ER 003			rare grain of sulfide (pyrrhotite ??);				122	123	1780	<10	60	<50	1810	20	<0.02
East Ren	ER 003			possibly trace sphalerite in carbonate-talc-magnetite veins;												
East Ren	ER 003			grades into.....				130	131	1830	<10	60	50	1400	30	0.02
East Ren	ER 003			133.0-155.0m: altered pale green gabbro with less carbonate-												
East Ren	ER 003			talc veining and seggregated masses;				132	133	2020	<10	50	<50	1620	30	<0.02
East Ren	ER 003			magnetite common in veins and as disseminated grains;												
East Ren	ER 003			ground conditions moderately good but a few talcy crushed				139	144	2540	<10	50	50	1010	10	0.02

Project	Hole ID	From	To	Description	Recovery			Assays		Ni	Cu	Zn	As	Cr	Sn	S
					From	To	%	From	To	ppm	ppm	ppm	ppm	ppm	ppm	%
East Ren	ER 003			intervals;												
East Ren	ER 003			??. grades into.....				150	151	2280	<10	60	<50	1500	20	<0.02
East Ren	ER 003															
East Ren	ER 003	155	206.6	SERPENTINITE:	155	206.6	100	159	160	2290	10	60	100	1250	30	<0.02
East Ren	ER 003			pale green strongly altered serpentinite, often a vitreous				172	173	2210	<10	70	<50	1460	20	<0.02
East Ren	ER 003			greenish-yellow color;				176	177	1500	<10	60	50	1860	10	<0.02
East Ren	ER 003			magnetite abundant as coarse isolated grains and aggregates,				181	182	1640	10	70	50	1240	30	<0.02
East Ren	ER 003			and common in carbonate-talc veins as massive seams;				185	186	1930	10	70	<50	1280	10	<0.02
East Ren	ER 003			core soft but moderately competent; breaks are often talcy;				188	189	1800	<10	70	<50	1320	20	<0.02
East Ren	ER 003			no sulfides observed;				196	197	1610	<10	70	100	2050	20	<0.02
East Ren	ER 003			minor patches of purplish material (stichtite or axinite);				202	203	1310	<10	60	50	2280	30	<0.02
East Ren	ER 003			197.0-m: several fibrous tremolite veins;												
East Ren	ER 003			grades into interval below.....												
East Ren	ER 003															
East Ren	ER 003	206.6	213.4	ALTERED ULTRAMAFICS:	206.6	213.4	100	208	209	360	10	80	50	1720	50	<0.02
East Ren	ER 003			dark green-dark gray strongly altered ultramafics with a												
East Ren	ER 003			very coarse texture; this is the first appearance of												
East Ren	ER 003			pyroxenites, which are generally less altered and less												
East Ren	ER 003			magnetitic than the unit above;												
East Ren	ER 003			no sulfides observed;												
East Ren	ER 003			210.0-210.5m: band of pale green-yellow altered ultramafics;												
East Ren	ER 003			ground conditions good;												
East Ren	ER 003			grades into.....												
East Ren	ER 003															
East Ren	ER 003	213.4	223.4	PALE GREEN - YELLOW SERPENTINITE:	213.4	223.4	100	224	225	220	<10	40	50	1260	40	<0.02
East Ren	ER 003			pale green and yellow serpentinites with some bands of dark				229	230	250	<10	50	50	1460	50	<0.02
East Ren	ER 003			green serpentinite; probably altered pyroxenites;												
East Ren	ER 003			feature of unit is seams of bright green jade like material often												
East Ren	ER 003			associated with white and pink long fibre chrysotile;												
East Ren	ER 003			magnetite present as thin veins associated with tremolite;												
East Ren	ER 003			ground soft and brittle, very broken and weak in places;												
East Ren	ER 003			rapid but gradational boundary with unit below;												
East Ren	ER 003															
East Ren	ER 003	223.4	233.4	DARK ALTERED ULTRAMAFICS:												
East Ren	ER 003			dark gray-dark green coarse textured strongly altered massive												
East Ren	ER 003			ultramafics; probably an altered pyroxenite;												
East Ren	ER 003			only minor disseminated magnetite;												
East Ren	ER 003			no veining;												
East Ren	ER 003			ground conditions very good;												

Project	Hole ID	From	To	Description	Recovery			Assays		Ni	Cu	Zn	As	Cr	Sn	S
					From	To	%	From	To	ppm	ppm	ppm	ppm	ppm	ppm	%
East Ren	ER 003			grades into.....												
East Ren	ER 003															
East Ren	ER 003	233.4	243	PALE GREEN ALTERED ULTRAMAFICS:	233.4	243	100									
East Ren	ER 003			as for 213.4....m:												
East Ren	ER 003			some chrysotile veining;												
East Ren	ER 003			no sulfides observed;												
East Ren	ER 003			core weak, soft and moderately broken;												
East Ren	ER 003			sharp contact 60° CA with unit below;												
East Ren	ER 003															
East Ren	ER 003	243	252.6	ALTERED BASALT ?:	243	252.6	100	244	245	960	<10	90	50	1200	20	<0.02
East Ren	ER 003			dark gray-black fine grained mafic rock, possibly a basalt, with				250	251	1060	<10	150	100	1310	30	<0.02
East Ren	ER 003			irregular coarser grained bands of altered ultramafic;												
East Ren	ER 003			minor magnetite;												
East Ren	ER 003			only rare specs of sulfides;												
East Ren	ER 003			ground conditions very good; grades back into.....												
East Ren	ER 003	252.6	489.8	PALE GREEN SERPENTINE:	252.6	288.9	100	260	261	1750	10	80	50	1970	20	<0.02
East Ren	ER 003			possibly an altered pyroxenite;				268	269	1560	10	80	<50	3590	20	<0.02
East Ren	ER 003			pale green amorphous jade like bands common;				272	273	1960	<10	90	50	2650	30	<0.02
East Ren	ER 003			abundant magnetite as thin multi-directional veins and as coarse				279	280	1760	<10	70	100	2750	20	<0.02
East Ren	ER 003			euhedral disseminations; gradual decrease in magnetite veining				284	285	1700	<10	70	<50	2800	10	<0.02
East Ren	ER 003			below 305m;				290	291	1980	<10	80	<50	3310	10	<0.02
East Ren	ER 003			no sulfides observed;	288.9	292	90	293	294	1870	10	70	<50	2840	20	<0.02
East Ren	ER 003			core very soft and fragile but generally competent;				298	299	1800	10	70	50	2110	20	<0.02
East Ren	ER 003			weak talcy-chrysotile veins result in a number of puggy soft	292	489.8	100	301	302	880	<10	70	50	3200	10	<0.02
East Ren	ER 003			broken zones;				309	310	880	<10	70	50	3200	10	<0.02
East Ren	ER 003			312.6-314.9m: dark gray medium grained altered mafic rock with				313	314	570	10	80	<50	1600	30	<0.02
East Ren	ER 003			minor disseminated magnetite; possibly an altered basalt;				326	327	1450	10	90	<50	2730	<10	<0.02
East Ren	ER 003			boundaries gradational;				332	333	1930	10	80	<50	2460	10	<0.02
East Ren	ER 003			314.9-356.0m: monotonous sequence of bright green serpentinite				337	338	1920	10	90	<50	2750	10	<0.02
East Ren	ER 003			as for 252.6m....;				342	343	1630	10	70	<50	2170	10	<0.02
East Ren	ER 003			talc and chrysotile and tremolite veining common;				346	347	1590	10	70	<50	1780	<10	<0.02
East Ren	ER 003			magnetite abundant in numerous 1-5mm veins and coarse				355	356	2560	10	70	<50	1330	10	<0.02
East Ren	ER 003			euhedral disseminations; minor quartz-talc-magnetite veining;				360	361	2470	10	70	<50	980	<10	<0.02
East Ren	ER 003			no sulfides identified; possibly trace fine grained sulfide with				369	370	2190	10	60	<50	930	<10	<0.02
East Ren	ER 003			magnetite veins at 332.7m;				374	375	2410	10	60	<50	1230	<10	<0.02
East Ren	ER 003			core friable and soft in places, but generally competent with				380	381	2320	10	60	<50	1030	10	0.02
East Ren	ER 003			full recovery;				388	389	2190	10	70	<50	1060	10	0.02
East Ren	ER 003			356.0-361.0m: pale green altered ultramafic with abundant				394	395	2190	10	70	<50	1130	<10	<0.02
East Ren	ER 003			magnetite and variable amounts of talc as thin 1-5mm				400	401	2300	10	70	<50	870	10	<0.02

Project	Hole ID	From	To	Description	Recovery			Assays		Ni	Cu	Zn	As	Cr	Sn	S
					From	To	%	From	To	ppm	ppm	ppm	ppm	ppm	ppm	%
East Ren	ER 003			anastomosing veins;				406	407	2130	10	60	<50	920	<10	<0.02
East Ren	ER 003			possibly minor fine grained sulfide accompanying magnetite;				411	412	2070	10	70	<50	960	<10	<0.02
East Ren	ER 003			grades into.....				417	418	2300	10	70	<50	1070	10	0.02
East Ren	ER 003			361.0-416.0m: monotonous mottled dark-light gray altered				424	425	2480	10	60	<50	1120	10	<0.02
East Ren	ER 003			ultramafic with abundant magnetite and magnetite-talc veining;				430	431	2240	10	60	<50	1090	30	<0.02
East Ren	ER 003			alternating light and dark gray units;				440	441	2100	10	60	<50	990	20	0.02
East Ren	ER 003			core weak and broken with dominant joint set 45° CA with joints				448	449	2130	10	100	<50	2790	20	<0.02
East Ren	ER 003			typically coated with talc;				451	452	1840	10	100	<50	3460	30	<0.02
East Ren	ER 003			377.7m: 200mm crushed clay-pug zone, possibly a fault,				461	462	1950	10	80	50	1900	30	<0.02
East Ren	ER 003			416.0-450.0m: bright green often translucent serpentinite;				466	467	1100	10	120	<50	1750	68	<0.02
East Ren	ER 003			abundant coarse magnetite in thin veins and as coarse				469	470	430	10	100	100	1010	80	<0.02
East Ren	ER 003			seggregations; sheen on magnetite often gives appearance of				473	474	2240	10	110	<50	1920	40	0.05
East Ren	ER 003			being sulfides, not magnetite;				476	477	1960	20	140	<50	2670	80	0.05
East Ren	ER 003			trace-rare grains of sulfide;				479	480	700	20	100	100	1120	70	<0.02
East Ren	ER 003			core moderately competent but strong joint set 60° CA with talc				483	484	620	20	90	150	1140	60	0.14
East Ren	ER 003			carbonate-serpentine developed on slippery joint surfaces;				486	487	540	30	80	150	1150	50	0.02
East Ren	ER 003			450.0-463.8m: serpentinite becomes darker gray-darker green;				489	489.8	210	10	80	350	660	60	3.04
East Ren	ER 003			lesser but still common coarse magnetite in late stage veins and												
East Ren	ER 003			aggregates;												
East Ren	ER 003			grades into.....												
East Ren	ER 003			463.8-466.2m: dark serpentinite cut by swirling veins of pale												
East Ren	ER 003			green-white material (talc and quartz ?);												
East Ren	ER 003			minor carbonate veining;												
East Ren	ER 003			grades into.....												
East Ren	ER 003			466.2-483.0m: dark green-dark gray strongly altered serpentinite												
East Ren	ER 003			magnetite common; minor talc-chrysotile veining in places;												
East Ren	ER 003			trace-minor streaks and disseminations of sulfides in some units												
East Ren	ER 003			grades into.....												
East Ren	ER 003			483.0-489.8m: non-magnetic altered ultramafic or gabbro;												
East Ren	ER 003			strongly sheared and intense talc-carbonate-silica alteration												
East Ren	ER 003			(pale green);												
East Ren	ER 003			trace-minor magnetite;												
East Ren	ER 003			minor sulfides as small seggregations, stringers, and												
East Ren	ER 003			disseminations, associated with talc-quartz-carbonate alteration;												
East Ren	ER 003			core soft and friable;												
East Ren	ER 003			484.0-484.5m: core very broken;												
East Ren	ER 003			indistinct contact with sediments below;												
East Ren	ER 003	489.8	501	SILICIFIED and MINERALISED SEDIMENTS:	489.8	501	100	489.8	491	210	200	80	300	780	150	0.73

Project	Hole ID	From	To	Description	Recovery			Assays		Ni	Cu	Zn	As	Cr	Sn	S
					From	To	%	From	To	ppm	ppm	ppm	ppm	ppm	ppm	%
East Ren	ER 003			dark grey medium grained silicified sediments with minor beds				491	492	110	310	140	100	120	150	1.36
East Ren	ER 003			and veins of altered mafic material;				492	493	80	250	170	150	130	130	1.65
East Ren	ER 003			BCA 40';				493	494	100	200	1520	100	130	120	2.2
East Ren	ER 003			no magnetite;				494	495	110	210	100	100	80	140	2.1
East Ren	ER 003			pyrite-pyrrhotite common in altered sediments as thin late stage				495	496	80	300	80	150	60	230	1.99
East Ren	ER 003			irregular veins and masses and accompanying silicification;				496	497	90	230	70	150	50	100	1.7
East Ren	ER 003			pyrrhotite up to 5% in places;				497	498	80	100	80	50	110	160	0.43
East Ren	ER 003			core brittle and hard but ground conditions generally good;				498	499	150	250	80	50	50	240	0.34
East Ren	ER 003							499	500	140	70	120	350	50	280	0.15
East Ren	ER 003			At 501.0m, rods were pulled with difficulty to change the bit,				500	501	90	30	80	200	60	170	0.03
				and re-entry proved difficult through the soft serpentinites and												
				a new hole was formed at 375m;												
East Ren	ER 003			hole was abandoned at this point;												
East Ren	ER 003			END OF HOLE												