

Annual Report 2013 - 2014 for EL25/2008

APPENDIX 4

Drill-hole Summary Logs, OJ030-OJ035
(Rowena Murcott)

MIDLAND ENERGY		DRILL HOLE CORE AND CHIP SAMPLE LOG										HOLE OJ30	
GEOLOGICAL DESCRIPTION						HORIZON TAGS			DOWN HOLE MEASUREMENTS			COMMENTS	0524860mN 5314951mE 371mRL
Rock 1	Colour	Rock 2	% Rock 2	Discontinuity	State	Strat Name	Ply	Section	Estimated Thickness	Depth to Base	Recovered Thickness		Sample
SO	RB				W	QR			3.6	3.6	0	Precollar	
SS	Y				W	TC			0.55	4.15	0.55	HQ3	
DO	DG				F	QT			9.27	13.42	9.27		
MD	C	SL	20		F	TC			2.88	16.3	2.88	HORNFELS	
SL	G				F	TC			0.41	16.71	0.41		
MD	DG	CB	50		F	TC			1.05	17.76	1.05		
SL	G	CB	20		F	TC			0.84	18.6	0.84		
MD	G	SL	2		f	TC			0.93	19.53	0.93		
SL	G	MD	2		F	TC			0.65	20.18	0.65		
MD	DG	CB	5		F	TC			0.6	20.78	0.6		
CO	DG				F	TC			0.13	20.91	0.13		
CB	DG	MD	5		F	TC			0.09	21	0.09		
SL	GB	CB	2		F	TC			3.1	24.1	3.1		
SS	C	CB	5		F	TC			7.38	31.48	7.38		
MD	G				F	TC			0.42	31.9	0.42		
SL	G				F	TC			0.78	32.68	0.78		
MD	G	SL	40		F	TC			2.13	34.81	2.13		
SL	G	SS	30		F	TC			0.35	35.16	0.35		
SL	G	MD	30		F	TC			3.71	38.87	3.71		
SS	G	CB	5		F	TC			0.17	39.04	0.17		
CO	DG				F	TC			0.27	39.31	0.27		
MD	G	CB	5		F	TC			0.27	39.58	0.27		
CO	DG				F	TC			0.92	40.5	0.92		
MD	G				F	TC			0.23	40.73	0.23		
CO	DG				F	TC			0.03	40.76	0.03		
MD	G			FAULT?	F	TC			0.6	41.36	0.6		
SL	G	MD	25		F	TC			1.61	42.97	1.61		
MD	G	CB	30		F	TC			2.68	45.65	2.68		
SS	LG	CB	5		F	TC			0.57	46.22	0.57		
CB	DG	SL	10		F	TC			0.69	46.91	0.69		
SL	G				F	TC			0.64	47.55	0.64		
CB	DG	CO	15		F	TC			0.72	48.27	0.72		
MD	G	SL	10		F	TC			0.95	49.22	0.95		
SL	G	SS	10		F	TC			4.24	53.46	4.24		
MD	G	CB	5		F	TC			1.38	54.84	1.38		
SL	G				F	TC			3.26	58.1	3.26	FRIABLE	
SO=SOIL SS=SANDSTONE CO=COAL CB=CARBONACEOUS MUDSTONE MD=MUDSTONE SL=SILTSTONE DO=DOLERITE HORNFELS ALTERATION = NEAR DOLERITE SILL													

MIDLAND ENERGY		DRILL HOLE CORE AND CHIP SAMPLE LOG										HOLE OJ31	
GEOLOGICAL DESCRIPTION						HORIZON TAGS			DOWN HOLE MEASUREMENTS			COMMENTS	0525260mE 5313657mN 402mRL
Rock 1	Colour	Rock 2	% Rock 2	Discontinuity	State	Strat Name	Ply	Section	Estimated Thickness	Depth to Base	Recovered Thickness		Sample
SO	RB				W	QR			2.3	2.3	0	PRECOLLAR	
MD	YG				W	TC			0.54	2.84	0.34	HQ3	
SS	YG				W/F	TC			0.51	3.35	0.21		
MD	G	CB	5	FAULT?	F	TC			5.85	9.2	4.95		
CR	DG	SL	5		F	TC			0.45	9.65	0.45	CR=COALY SHALE=PEAT	
MD	G				F	TC			0.21	9.86	0.21		
SL	G				F	TC			0.75	10.61	0.75		
SS	G	CB	5		F	TC			9.13	19.74	9.13		
CB	DG	CR	10		F	TC			0.11	19.85	0.11		
MD	G	CB	40		F	TC			0.71	20.56	0.71		
SL	LB	CO	2		F	TC			1.04	21.6	1.04		
MD	G				F	TC			0.3	21.9	0.3		
SL	G	SS	10		F	TC			0.81	22.71	0.81		
CB	B	SI	2		F	TC			0.57	23.28	0.57	SI=SILT/DIRT	
CO	DG				F	TC			0.36	23.64	0.36	ZEOLITE VEINLETS	
SS	G	MD	10		F	TC			2.1	25.74	2.1		
MD	G	CB	5		F	TC			2.31	28.05	2.31		
CO	DG				F	TC			0.06	28.11	0.06		
CALCITE	W				F	TC			0.06	28.17	0.06	VEIN	
CO	DG				F	TC			0.05	28.22	0.05		
CB	DG	MD	50		F	TC			1.83	30.05	1.83		
CO	DG				F	TC			0.07	30.12	0.07		
MD	G	SL	40		F	TC			0.83	30.95	0.83		
CO	DG				F	TC			0.09	31.04	0.09		
CB	DG				F	TC			0.03	31.07	0.03		
SL	G	MD	20		F	TC			4.05	35.12	4.05		
CO	DG				F	TC			0.14	35.26	0.14		
MD	LG			FAULT?	F	TC			0.83	36.09	0.83	WEAK	
SS	LG				F	TC			2.52	38.61	2.52		
MD	G	SL	30		F	TC			0.19	38.8	0.19		
CO	DG				F	TC			0.06	38.86	0.06		
MD	G			FAULT?	F	TC			0.63	39.49	0.63		
SS	LG	MD	5		F	TC			0.46	39.95	0.46		
MD	G	CB	10		F	TC			1	40.95	1		
CO	DG			FRAGMENTED	F	TC			0.06	41.01	0.06		
CB	GB				F	TC			0.72	41.73	0.72		
SL	LG	MD	5		F	TC			4.07	45.8	4.07		
MD	G	CB	10		F	TC			0.08	45.88	0.08		
CO	DG				F	TC			0.03	45.91	0.03		
MD	G				F	TC			0.05	45.96	0.05		
CO	DG				F	TC			0.09	46.05	0.09		
SI	LB				F	TC			0.02	46.07	0.02		
CO	DG				F	TC			0.13	46.2	0.13		
MD	G				F	TC			0.15	46.35	0.15		
CO	DG				F	TC			0.73	47.08	0.73	ZEOLITE VEINLETS	
SI	LB				F	TC			0.01	47.09	0.01		
CO	DG				F	TC			0.42	47.51	0.42		
MD	G	SL	10		F	TC			0.13	47.64	0.13		
CO	DG				F	TC			0.07	47.71	0.07		
MD	G	CB	20		F	TC			0.55	48.26	0.55		
SL	G	MD	5		F	TC			5.15	53.41	5.15		
SS	W				F	TC			0.18	53.59	0.18	CALCIFIED	
CB	DG	SL	20		F	TC			0.69	54.28	0.69		
CO	DG				F	TC			0.14	54.42	0.14		
MD	G				F	TC			0.07	54.49	0.07		
CO	DG				F	TC			0.05	54.54	0.05		
CO	DG	SI	25		F	TC			0.4	54.94	0.4		
MD	G	SL	10		F	TC			2.55	57.49	2.55		
SS	G	SL	40		F	TC			3.11	60.6	3.11		
SO=SOIL SS=SANDSTONE CO=COAL CB=CARBONACEOUS MUDSTONE MD=MUDSTONE SL=SILTSTONE CR COALY SHALE/PEAT HORNFELS ALTERATION = NEAR DOLERITE SILL													

MIDLAND ENERGY		DRILL HOLE CORE AND CHIP SAMPLE LOG										HOLE OJ32	
GEOLOGICAL DESCRIPTION						HORIZON TAGS			DOWN HOLE MEASUREMENTS			COMMENTS	0525211mE 5313972mN 398mRL
Rock 1	Colour	Rock 2	% Rock 2	Discontinuity	State	Strat Name	Ply	Section	Estimated Thickness	Depth to Base	Recovered Thickness		Sample
SO	RB				W	QR			3.4	3.4	0	PRECOLLAR	
MD	Y				W	TC			2.22	5.62	2.22		
SS	Y				F	TC			5.97	11.59	5.97		
CB	DG	MD	25		F	TC			1.18	12.77	1.18		
SS	W				F	TC			0.7	13.47	0.7		
MD	G	SL	30		F	TC			2.09	15.56	2.09		
CO	DG	SI	5		F	TC			0.55	16.11	0.55		
MD	LG				F	TC			2.82	18.93	2.82		
MD	LG	CB	5	BRECCIA	F	TC			0.97	19.9	0.97		
CO	G				F	TC			0.12	20.02	0.12	LOW GRADE	
MD	G	SL	5		F	TC			2.44	22.46	2.44		
CO	DG				F	TC			0.04	22.5	0.04		
MD	G				F	TC			0.51	23.01	0.51		
CO	DG				F	TC			0.17	23.18	0.17		
MD	G	CB	10		F	TC			1.52	24.7	1.52		
SL	W	CB	2		F	TC			4.76	29.46	4.76		
CO	DG				F	TC			0.13	29.59	0.13		
MD	G	CB	2		F	TC			10.13	39.72	10.13		
CO	DG	SI	2		F	TC			0.28	40	0.28		
MD	G	CO	5		F	TC			0.38	40.38	0.38		
CO	DG	SI	2		F	TC			0.86	41.24	0.86		
MD	G	CB	2		F	TC			0.17	41.41	0.17		
CO	DG				F	TC			0.02	41.43	0.02		
MD	G	SL	20		F	TC			5.17	46.6	5.17		
SS	LG	SL	10		F	TC			2.39	48.99	2.39		
CO	DG	SI	2		F	TC			0.49	49.48	0.49		
SL	G	MD	10		F	TC			6.62	56.1	6.62		
CB	DG	SL	25		F	TC			1.16	57.26	1.16		
SL	G	MD	10		F	TC			3.34	60.6	3.34		
SO=SOIL SS=SANDSTONE CO=COAL CB=CARBONACEOUS MUDSTONE MD=MUDSTONE SL=SILTSTONE SI=SILT/DIRT HORNFELS ALTERATION = NEAR DOLERITE SILL													

MIDLAND ENERGY		DRILL HOLE CORE AND CHIP SAMPLE LOG										HOLE OJ33	
GEOLOGICAL DESCRIPTION						HORIZON TAGS			DOWN HOLE MEASUREMENTS			COMMENTS	0525322mE 5314455mN 420mRL
Rock 1	Colour	Rock 2	% Rock 2	Discontinuity	State	Strat Name	Ply	Section	Estimated Thickness	Depth to Base	Recovered Thickness		Sample
SO	RB				W	QR			3.5	3.5	0		
SS	Y				W	TC			0.63	4.13	0.63		
MD	YG				F	TC			2.9	7.03	2.9		
SL	G	MD	40		F	TC			5.27	12.3	5.27		
CB	DB	MD	10		F	TC			0.55	12.85	0.55		
CR	DG	CO	25		F	TC			0.18	13.03	0.18		
MD	G	SS	10		F	TC			1.3	14.33	1.3		
SS	LG				F	TC			8.79	23.12	8.79		
MD	G	CB	10		F	TC			0.69	23.81	0.69		
SS	W				F	TC			0.23	24.04	0.23		
MD	G	CB	10		F	TC			0.11	29.15	0.11		
SS	W				F	TC			0.84	29.99	0.84		
SL	G	MD	10		F	TC			0.61	30.6	0.61		
CO	DG	SI	5		F	TC			0.28	30.88	0.28		
MD	G				F	TC			0.22	31.1	0.22		
NR					F	TC			0.1	31.2	0	CORE LOSS	
MD	G				F	TC			0.05	31.25	0.05		
CO	DG	CB	5		F	TC			0.78	32.03	0.78		
CB	DG	MD	20		F	TC			0.14	32.17	0.14		
MD	G				F	TC			0.04	32.21	0.04		
SL	G	MD	10		F	TC			4.84	37.05	4.84		
SS	G	CB	10		F	TC			1.72	38.77	1.72		
CB	G	SL	2		F	TC			0.76	39.53	0.76	HORNFELS	
DO	DG				F	JD			5.79	45.32	5.79		
SL	W	MD	10		F	TC			2.87	48.19	2.87	HORNFELS	
DO	DG				F	JD			3.99	52.18	3.99		
SL	W	MD	25		F	TC			2.27	54.45	2.27	HORNFELS	
NR					F	TC			0.2	54.65	0	CORE LOSS	
SL	W	MD	25		F	TC			5.85	60.5	5.85	HORNFELS	
SO=SOIL SS=SANDSTONE CO=COAL CB=CARBONACEOUS MUDSTONE MD=MUDSTONE SL=SILTSTONE SI=SILT/DIRT HORNFELS ALTERATION = NEAR DOLERITE SILL CR=COALY SHALE/PEAT NR=NO RECOVERY													

MIDLAND ENERGY		DRILL HOLE CORE AND CHIP SAMPLE LOG										HOLE OJ34	
GEOLOGICAL DESCRIPTION						HORIZON TAGS			DOWN HOLE MEASUREMENTS			COMMENTS	0524843mE 5315900mN 405mRL
Rock 1	Colour	Rock 2	% Rock 2	Discontinuity	State	Strat Name	Ply	Section	Estimated Thickness	Depth to Base	Recovered Thickness		Sample
SO	RB				W	QR			2	2	0	HAMMER	
MD	G				F	TC			3	5	0	CHIP	
SS	G	SL	10		F	TC			1	6	0	SAMPLES	
MD	DG	CB	50		F	TC			1	7	0		
CO	DG	MD	40		F	TC			1	8	0		
CB	DG	CO	10		F	TC			1	9	0		
MD	G	CB	5		F	TC			3	12	0		
MD	G	CB	40		F	TC			3	15	0		
CB	DG	CO	20		F	TC			1	16	0		
MD	G	CB	30		F	TC			1	17	0		
MD	G	CB	35		F	TC			1	18	0		
MD	G	CB	5		F	TC			2	20	0		
MD	G	CO	5		F	TC			2	22	0		
CB	DG	CO	30		F	TC			1	23	0		
SL	G	MD	5		F	TC			3	26	0		
CB	DG	CO	10		F	TC			1	27	0		
CB	DG	CO	20		F	TC			1	28	0		
MD	LG	SL	5		F	TC			2	30	0		
CB	G	CO	5		F	TC			1	31	0		
MD	G	SL	5		F	TC			7	38	0		
SL	G				F	TC			2	40	0		
SL	G	CO	5		F	TC			1	41	0		
MD	G				F	TC			3	44	0		
MD	G	V	1	PYRITE	F	TC			1	45	0	V=VISIBLE SULPHIDE	
SS	LG				F	TC			2	47	0		
SS	G	MD			F	TC			1	48	0		
MD	G	CO	5		F	TC			1	49	0		
MD	G	SL	40		F	TC			3	52	0		
SS	G	MD	20		F	TC			2	54	0		
SS	G	MD	10		F	TC			6	60	0		
SO=SOIL SS=SANDSTONE CO=COAL CB=CARBONACEOUS MUDSTONE MD=MUDSTONE SL=SILTSTONE HORNFELS ALTERATION = NEAR DOLERITE SILL													

MIDLAND ENERGY		DRILL HOLE CORE AND CHIP SAMPLE LOG										HOLE OJ35	
GEOLOGICAL DESCRIPTION						HORIZON TAGS			DOWN HOLE MEASUREMENTS			COMMENTS	0524788mE 5316477mN 410mRL
Rock 1	Colour	Rock 2	% Rock 2	Discontinuity	State	Strat Name	Ply	Section	Estimated Thickness	Depth to Base	Recovered Thickness		Sample
SO	YW				W	QR			2	2	0		
SS	Y				F	TC			3	5	0		
CB	DG	SL	40		F	TC			2	7	0		
CB	DG	CO	40		F	TC			1	8	0		
MD	G	CB	20		F	TC			1	9	0		
SL	G	MD	30		F	TC			2	11	0		
CB	DG	CO	10		F	TC			1	12	0		
MD	G	SL	35		F	TC			2	14	0		
MD	DG	CO	2		F	TC			1	15	0		
CB	DG	CO	5		F	TC			1	16	0		
MD	G	CO	2		F	TC			3	19	0		
SS	G	MD	5		F	TC			2	21	0		
SS	G	CO	5		F	TC			2	23	0		
SL	G	CB	5		F	TC			1	24	0		
SL	GB	MD	30		F	TC			2	26	0		
SL	G	CO	1		F	TC			1	27	0		
SL	G	CO	5		F	TC			1	28	0		
SL	LG				F	TC			4	32	0		
SL	G	MD	40		F	TC			1	33	0		
SL	G	CO	10		F	TC			1	34	0		
MD	G	CB	30		F	TC			1	35	0		
SL	G				F	TC			4	39	0		
MD	G	SL	40		F	TC			1	40	0		
CB	DG	MD	30		F	TC			1	41	0		
SL	G	MD	40		F	TC			1	42	0		
CO	DG	CB	40		F	TC			1	43	0		
SL	LG	MD	30		F	TC			2	45	0		
MD	G	CO	10		F	TC			1	46	0		
MD	G	SL	20		F	TC			3	49	0		
SL	G	MD	5		F	TC			3	52	0		
CB	DG	SL	20		F	TC			1	53	0		
SL	G	MD	10		F	TC			2	55	0		
MD	G				F	TC			2	57	0		
MD	GG				F	TC			3	60	0	SERICITE	
SO=SOIL SS=SANDSTONE CO=COAL CB=CARBONACEOUS MUDSTONE MD=MUDSTONE SL=SILTSTONE HORNFELS ALTERATION = NEAR DOLERITE SILL													