

## EL24101 DRILL COLLARS

H0002 Version 3.1  
H0003 Date\_generated 22-Sept-12  
H0004 Reporting\_period\_end\_date 19-Aug-2012  
H0005 State NT  
H0100 Tenement\_no EL24101  
H0101 Tenement\_holder SHERWIN IRON  
H0102 Project\_name ROPER RIVER  
H0106 Tenement\_operator SHERWIN IRON  
H0150 250K\_map\_sheet\_number SE5314  
H0151 100K\_map\_sheet\_number 5667 5767  
H0200 Start\_date\_of\_data\_acquisition 13-Apr-12  
H0201 End\_date\_of\_data\_acquisition 27-July-12  
H0202 Template\_format SL1  
H0203 Number\_of\_data\_records 311  
H0204 Date\_of\_metadata\_update 22-Aug-12  
H0301 Location\_data\_file EL24101\_2011\_A\_01\_DrillCollars.txt  
H0302 Downhole\_lithology\_data\_file EL24101\_2011\_A\_02\_DownholeLith.txt  
H0303 Downhole\_geochem\_data\_file EL24101\_2011\_A\_03\_DownholeAssay.txt  
H0307 Lithology\_code\_file Lithology\_Code\_File.txt  
H0318 Standards\_data\_file EL24101\_2011\_A\_04\_QAQC\_STD.txt  
H0319 Duplicates\_data\_file EL24101\_2011\_A\_05\_QAQC\_DUP.txt  
H0400 Drill\_code RC DD DM  
H0401 Drill\_contractor Cheyne  
H0402 Description RC Reverse Circulation DD Diamond Twinning DM Diamond Metallurgical  
H0500 Feature\_located Hole\_collar  
H0501 Geodetic\_datum GDA94  
H0502 Vertical\_datum AHD  
H0503 Projection UTM  
H0530 Coordinate\_system Projected  
H0531 Projection\_zone 53  
H0532 Surveying\_instrument HHGPS2 Handheld GPS - RL from DEM DGPS Differential GPS

# EL24101 DRILL COLLARS

Hole_ID	Drill code	Max depth	Drilling contractor	Easting metres	Northing metres	Longitude degrees	Latitude degrees	Survey Instrument	Collar Azimuth	Collar Incline	Date_Started	Date_Completed
RR00367	RC	15	Cheyne	428599.353	8375550.031	127.11	-15.00	DGPS	0	-90	13-Apr-12	13-Apr-12
RR00368	RC	15	Cheyne	428598.338	8375348.788	115.23	-15.00	DGPS	0	-90	13-Apr-12	13-Apr-12
RR00369	RC	15.5	Cheyne	428597.85	8375146.723	104.85	-15.50	DGPS	0	-90	13-Apr-12	13-Apr-12
RR00370	RC	11	Cheyne	428551.524	8374951.311	94.19	-11.00	DGPS	0	-90	13-Apr-12	13-Apr-12
RR00371	RC	15.5	Cheyne	427799.33	8375704.56	121.88	-15.50	DGPS	0	-90	13-Apr-12	13-Apr-12
RR00372	RC	12.5	Cheyne	427799.93	8375502.489	115.7	-12.50	DGPS	0	-90	14-Apr-12	14-Apr-12
RR00373	RC	11	Cheyne	427799.335	8375301.902	103.93	-11.00	DGPS	0	-90	14-Apr-12	14-Apr-12
RR00374	RC	15	Cheyne	427801.089	8375100.89	95.54	-15.00	DGPS	0	-90	14-Apr-12	14-Apr-12
RR00375	RC	16.5	Cheyne	427799.207	8374901.898	86.59	-16.50	DGPS	0	-90	14-Apr-12	14-Apr-12
RR00376	RC	28	Cheyne	427796.731	8374703.1	79.56	28.00	DGPS	0	-90	14-Apr-12	14-Apr-12
RR00377	RC	22.5	Cheyne	427009.6	8375562.562	107.24	22.50	DGPS	0	-90	14-Apr-12	14-Apr-12
RR00378	RC	33.5	Cheyne	427005.511	8375400.058	93.57	23.50	DGPS	0	-90	15-Apr-12	15-Apr-12
RR00379	RC	35	Cheyne	427002.123	8375200.34	89.48	35.00	DGPS	0	-90	15-Apr-12	15-Apr-12
RR00380	RC	18.5	Cheyne	427000.587	8375002.17	74.93	18.50	DGPS	0	-90	15-Apr-12	15-Apr-12
RR00381	RC	22.5	Cheyne	427002.635	8374773.444	63.3	22.50	DGPS	0	-90	15-Apr-12	15-Apr-12
RR00382	RC	18	Cheyne	426999.44	8374610.666	57.85	18.00	DGPS	0	-90	15-Apr-12	15-Apr-12
RR00383	RC	11	Cheyne	424112.083	8373400.681	67.71	11.00	DGPS	0	-90	16-Apr-12	16-Apr-12
RR00384	RC	11	Cheyne	424122.599	8373596.673	92.37	11.00	DGPS	0	-90	16-Apr-12	16-Apr-12
RR00385	RC	33.5	Cheyne	424122.9	8373598.429	92.552	33.50	DGPS	0	-90	16-Apr-12	16-Apr-12
RR00386	RC	33.5	Cheyne	424122.9	8373598.429	92.552	33.50	TWIN	0	-90	16-Apr-12	16-Apr-12
RR00387	RC	37	Cheyne	424099.858	8373883.718	118.25	37.00	DGPS	0	-90	16-Apr-12	16-Apr-12
RR00388	RC	22.5	Cheyne	424998.709	8373768.393	131.37	22.50	DGPS	0	-90	16-Apr-12	16-Apr-12
RR00389	RC	24	Cheyne	424998.912	8373765.512	131.473	24.00	DGPS	0	-90	16-Apr-12	16-Apr-12
RR00390	RC	21.5	Cheyne	425000.537	8373599.159	122.61	21.50	DGPS	0	-90	16-Apr-12	16-Apr-12
RR00391	RC	16.5	Cheyne	424998.146	8373403.379	99.47	16.50	DGPS	0	-90	16-Apr-12	16-Apr-12
RR00392	RC	14	Cheyne	425805.587	8373476.411	114.68	14.00	DGPS	0	-90	17-Apr-12	17-Apr-12
RR00393	RC	11	Cheyne	425800.857	8373303.372	118.54	11.00	DGPS	0	-90	17-Apr-12	17-Apr-12
RR00394	RC	13	Cheyne	425800.857	8373303.372	118.54	13.00	TWIN	0	-90	17-Apr-12	17-Apr-12
RR00395	RC	13.5	Cheyne	425797.567	8373091.521	109.08	13.50	DGPS	0	-90	17-Apr-12	17-Apr-12
RR00396	RC	8.5	Cheyne	425802.534	8372900.621	99.82	8.50	DGPS	0	-90	17-Apr-12	17-Apr-12
RR00397	RC	9.5	Cheyne	426597.908	8373106.167	131.3	9.50	DGPS	0	-90	16-Apr-12	16-Apr-12
RR00398	RC	12.5	Cheyne	426597.333	8373103.271	131.37	12.50	DGPS	0	-90	16-Apr-12	16-Apr-12
RR00399	RC	16	Cheyne	426597.333	8373103.271	131.37	16.00	TWIN	0	-90	16-Apr-12	16-Apr-12
RR00400	RC	20	Cheyne	426598.529	8372907.013	130.87	20.00	DGPS	0	-90	16-Apr-12	16-Apr-12
RR00401	RC	21.5	Cheyne	426595.684	8372751.626	125.11	21.50	DGPS	0	-90	16-Apr-12	16-Apr-12
RR00402	RC	23.5	Cheyne	426600.953	8373656.03	143.88	23.50	DGPS	0	-90	16-Apr-12	16-Apr-12
RR00403	RC	13	Cheyne	426599.301	8373493.245	142.52	13.00	DGPS	0	-90	18-Apr-12	18-Apr-12
RR00404	RC	13.5	Cheyne	427633.63	8372571.833	146.3	13.50	DGPS	0	-90	18-Apr-12	18-Apr-12
RR00405	RC	14.5	Cheyne	427598.499	8372406.718	155.43	14.50	DGPS	0	-90	18-Apr-12	18-Apr-12
RR00406	RC	15.5	Cheyne	427598.668	8372213.744	153.41	15.50	DGPS	0	-90	18-Apr-12	18-Apr-12
RR00407	RC	14.5	Cheyne	427598.668	8372213.744	153.41	14.50	TWIN	0	-90	18-Apr-12	18-Apr-12
RR00408	RC	12	Cheyne	428248.256	8372382.214	151	12.00	DGPS	0	-90	18-Apr-12	18-Apr-12
RR00409	RC	11	Cheyne	428303.891	8372193.013	157.96	11.00	DGPS	0	-90	19-Apr-12	19-Apr-12
RR00410	RC	11.5	Cheyne	428248.366	8372001.485	162.63	11.50	DGPS	0	-90	19-Apr-12	19-Apr-12
RR00411	RC	13	Cheyne	428248.635	8371998.607	162.582	13.00	DGPS	0	-90	19-Apr-12	19-Apr-12
RR00412	RC	11.5	Cheyne	428248.221	8371802.155	162.2	11.50	DGPS	0	-90	19-Apr-12	19-Apr-12
RR00413	RC	11	Cheyne	428098.515	8371802.453	161.06	11.00	DGPS	0	-90	19-Apr-12	19-Apr-12
RR00414	RC	10	Cheyne	427900.444	8371767.735	154.71	10.00	DGPS	0	-90	19-Apr-12	19-Apr-12
RR00415	RC	11	Cheyne	427701.521	8371755.256	147.8	11.00	DGPS	0	-90	19-Apr-12	19-Apr-12
RR00416	RC	17	Cheyne	427599.782	8371756.671	143.75	17.00	DGPS	0	-90	19-Apr-12	19-Apr-12
RR00417	RC	27	Cheyne	427602.395	8371756.424	143.858	27.00	DGPS	0	-90	19-Apr-12	19-Apr-12
RR00418	RC	30	Cheyne	427602.395	8371756.424	143.858	30.00	TWIN	0	-90	20-Apr-12	20-Apr-12
RR00419	RC	26	Cheyne	427800.54	8371001.743	168.94	26.00	DGPS	0	-90	20-Apr-12	20-Apr-12
RR00420	RC	27.5	Cheyne	427801.088	8371004.157	168.898	27.50	DGPS	0	-90	20-Apr-12	20-Apr-12
RR00421	RC	40	Cheyne	427801.088	8371004.157	168.898	40.00	TWIN	0	-90	20-Apr-12	20-Apr-12
RR00422	RC	42	Cheyne	427599.524	8371000.307	167.05	42.00	DGPS	0	-90	20-Apr-12	20-Apr-12
RR00423	RC	39	Cheyne	427602.993	8371000.717	166.939	39.00	DGPS	0	-90	20-Apr-12	20-Apr-12
RR00424	RC	34.5	Cheyne	427388.001	8370962.114	156.27	34.50	DGPS	0	-90	20-Apr-12	20-Apr-12
RR00425	RC	47	Cheyne	427201.016	8370996.866	145.1	47.00	DGPS	0	-90	22-Apr-12	22-Apr-12
RR00426	RR	38	Cheyne	427199.86	8370995.148	144.727	38.00	DGPS	0	-90	22-Apr-12	22-Apr-12
RR00427	RC	30.5	Cheyne	427349.097	8370102.719	166.93	30.50	DGPS	0	-90	22-Apr-12	22-Apr-12
RR00428	RC	33.5	Cheyne	427349.461	8370104.925	166.774	33.50	DGPS	0	-90	23-Apr-12	23-Apr-12
RR00429	RC	36	Cheyne	427349.461	8370104.925	166.774	36.00	TWIN	0	-90	23-Apr-12	23-Apr-12
RR00430	RC	38.5	Cheyne	427150.541	8370099.75	175.22	38.50	DGPS	0	-90	23-Apr-12	23-Apr-12
RR00431	RC	37.5	Cheyne	426949.044	8370099.372	170.41	37.50	DGPS	0	-90	23-Apr-12	23-Apr-12
RR00432	RC	41.5	Cheyne	426949.044	8370099.372	170.41	41.50	TWIN	0	-90	24-Apr-12	24-Apr-12
RR00433	RC	40.5	Cheyne	426749.339	8370100.269	164.61	40.50	DGPS	0	-90	24-Apr-12	24-Apr-12
RR00434	RC	37	Cheyne	426550.395	8370098.706	155.51	37.00	DGPS	0	-90	24-Apr-12	24-Apr-12
RR00435	RC	37	Cheyne	426948.492	8369002.32	183.97	37.00	DGPS	0	-90	26-Apr-12	26-Apr-12
RR00436	RC	40	Cheyne	426748.134	8368998.976	168.68	40.00	DGPS	0	-90	27-Apr-12	27-Apr-12
RR00437	RC	37	Cheyne	426750.753	8368996.817	168.889	37.00	DGPS	0	-90	27-Apr-12	27-Apr-12
RR00438	RC	38.5	Cheyne	426750.753	8368996.817	168.889	38.50	TWIN	0	-90	27-Apr-12	27-Apr-12

# EL24101 DRILL COLLARS

Hole_ID	Drill code	Max depth	Drilling contractor	Easting metres	Northing metres	Longitude degrees	Latitude degrees	Survey Instrument	Collar Azimuth	Collar Incline	Date_Started	Date_Completed
RR00439	RC	41.5	Cheyne	426549.449	8369000.534	162.86	41.50	DGPS	0	-90	1-May-12	1-May-12
RR00440	RC	43.5	Cheyne	426347.43	8369000.224	153.93	43.50	DGPS	0	-90	1-May-12	1-May-12
RR00441	RC	40	Cheyne	427099.882	8368197.409	184.13	40.00	DGPS	0	-90	1-May-12	1-May-12
RR00442	RC	36	Cheyne	427100.199	8368201.522	184.653	36.00	DGPS	0	-90	1-May-12	1-May-12
RR00443	RC	46.5	Cheyne	426897.814	8368200.349	173.76	46.50	DGPS	0	-90	2-May-12	2-May-12
RR00444	RC	35	Cheyne	426664.064	8368207.666	166.34	35.00	DGPS	0	-90	2-May-12	2-May-12
RR00445	RC	37.5	Cheyne	426553.121	8368202.564	163.59	37.50	DGPS	0	-90	2-May-12	2-May-12
RR00446	RC	44.5	Cheyne	426555.627	8368201.209	163.622	44.50	DGPS	0	-90	2-May-12	2-May-12
RR00447	RC	35	Cheyne	427102.65	8367253.936	178.39	35.00	DGPS	0	-90	3-May-12	3-May-12
RR00448	RC	23	Cheyne	426897.851	8367251.581	169.67	23.00	DGPS	0	-90	3-May-12	3-May-12
RR00449	RC	31	Cheyne	426899.493	8367251.508	169.734	31.00	DGPS	0	-90	3-May-12	3-May-12
RR00450	RC	31	Cheyne	426714.049	8367256.413	157.05	31.00	DGPS	0	-90	3-May-12	3-May-12
RR00451	RC	51.5	Cheyne	426840.905	8366612.587	148.3	51.50	DGPS	0	-90	3-May-12	3-May-12
RR00452	RC	48.5	Cheyne	426654.931	8366600.681	137.54	48.50	DGPS	0	-90	4-May-12	4-May-12
RR00453	RC	38.5	Cheyne	426449.29	8366600.418	128.71	38.50	DGPS	0	-90	4-May-12	4-May-12
RR00454	RC	21.5	Cheyne	426252.144	8366599.499	134.61	21.50	DGPS	0	-90	5-May-12	5-May-12