

Gravity Anomaly, EL 23897 Tennant Creek

RC Hole No: ERE 008

Easting: 438368.0 Northing: 7817070.0 RL: 350m(nominal)

Date Drilled: 24/7/2005

Azimuth: 030° (qnd MGA) Dip at Collar: -60° Depth: 162m

Rig: M10 Investigator/Underdale Drillers

Logged by: I Cowden Target: G1 EAST END / X FAULT / G4 G10
(DISLOCATION AREA)

Water: DAMP/WGT HT ROD CHANGE FROM 78.0/MPLE

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Gravity Anomaly, EL 23897 Tennant Creek

RC Hole No: ERL008

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Sample No	From (m)	To (m)	Weath	Colour	Rock	Texture	He 0-5	Si 0-5	Cl 0-5	CO3 0-5	Fe 0-5	Qv (%)	Cv (%)	Sulphides (%)	Description and Notes
10832	40	41	w	LBv	zst	tr									Br, Gy, Pi, sst zst chips, wldy li, tr he small chips
833	41	42		LBv	zst	tr									Gy, Pi, LBv " " " " some Rn clayey
834	42	43		LPiBr	z/sst	1									Gy, Rn, RnR more sandy chips, more he, tr li (smaller) (w) R
835	43	44		LBv	z/sst	1						1			Gy, Pi, YBr chips, some wldy he (RnR) (w) R
836	44	45		LBv	z/sst	1									Pi, Rn, Gy chips, wldy he (RnR) tr li only
837	45	46		LBv	z/sst	1									LPiGy, YBr chips, wldy li, tr he
838	46	47		LBv	z/sst	tr									LBv, Pi, Gy chips
839	47	48		LYBr	z/sst	tr									LBv, lower Pi Gy (less he) sl. more li.
840	48	49		LYBr	z/sst	tr						1/2			LY, LBv more zthy chips, some R-Pudgys/chips
841	49	50		LBv	z/sst	1									LYBr, LPiGyBr chips
10842	50	51		LPiBr	z/sst	tr									Pi, Pi Gy chips, wldy he, some Rn tr li YBr (w) R
843	51	52		LYBr	z/sst	1									PuBr, YBr Gy Br chips sl. blockier; wldy li, some YBr chips
844	52	53		LYBr	z/sst	-									LYBr chips again sl. blocky, wldy li
845	53	54		LBv	z/sst	1									LBv chips, wldy li, minor YBr, PiBr
846	54	55		LBv	z/sst	1									" " " " some RnR, PuBr chips
847	55	56		LYBr	z/sst	-									" " " " minor YBr, PuBr sl. blockier but still z
848	56	57		LBv	z/sst	1									(Pi) Br wldy he chips, little li; more blocky, z.
849	57	58		LBv	z/sst	1						1/2			LBv, PiBr, Gy wldy li, he chips
850	58	59		LBv	z/sst	1									LY, Pi, Gy wldy he chips
851	59	60		LY	z/sst	1									LYBr, Pi, Gy Br wldy he chips tr li
10852	60	61		LBv	z/sst	2						tr			PuGy, Br zst/vfrost; he coatings, RnR; m/tr li
853	61	62		LYBr	z/sst	1									GyBr, Br limonitic (wldy) chips, less he, Pi chips
854	62	63		"	z/sst	tr									" " " " " " sl. sandier?
855	63	64		"	z/sst	-									" " " " " "
856	64	65		"	z/sst	(tr)									Br, YBr limonitic (wldy) chips. More blocky, sl. coarser?
857	65	66		"	z/sst										LY, Br, GyBr " " " "
858	66	67		"	z/sst	tr						tr			Br, YBr " " " " some pinkish frags (w) R
859	67	68		"	z/sst										Br, YBr, GyBr " " " " to f sand
860	68	69		"	z/sst	tr									PuGy, YBr " " " " less z.
861	69	70		"	z/sst	tr									PuGy, Br, YBr - less li, sl. more he.
10862	70	71		"	z/sst	tr									LBv, Br wldy li, he.
863	71	72		"	z/sst	tr						tr			LBv, wldy li / LY Gy Br, v wldy he sl. coarser, blocky chips
864	72	73		"	z/sst	1									" " " " (sl. less)
865	73	74		"	z/sst	tr									LBv Gy, LY Gy chips - less li/he attr. becoming more platy
866	74	75		LY	z/sst	-									LY chips, mod platy, wldy li
867	75	76		LY	z/sst										" " " " "
868	76	77	w	LYBr	z/sst	tr									LY " " " " some LY, (Pi) wldy he
869	77	78	pw	"	z/sst							1			LY " " " " more platy, v wldy li.
870	78	79		"	zst	tr									LY, LPiGy chips wldy li, tr he (wet) (w) R
871	79	80		"	zst	tr						tr			LY, LBv zst, wldy li, tr he
10872	80	81		LBv	zst	1						1/2			LY, Br, zst chips, minor he, sl. more li. whgr on li
873	81	82		(L)Br	zst	1						1/2			PuBr, Br zst chips minor LY; occas strongly he chip
874	82	83		(L)Br	zst	1						1			LPiBr, Br, LY zst chips, mod li; whgr on li, blocky
875	83	84		(L)Br	zst	tr									LY, LPiGy platy zst chips, mod li.
876	84	85		YBr	zst	tr						1/2			LBv, LY, YBr li zst chips, some Fe; minor Rn (wet) (w) R
877	85	86		(Gy)Br	zst	1									LPiBr, Br, GyBr zst chips, mod li stained chips
878	86	87		(Gy)Br	zst	1									" " " " " " mod. he
879	87	88		PuBr	zst	3									Pu, PuGy he zst chips tr li
880	88	89		LBv	zst	1									LPi, PuGy zst chips, less he more li, Br chips
10881	89	90	pw	LBv	zst	1						1			LPi, PuGy Br zst chips, more li, wldy wldy he

(w) smaller sample

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ALS CHEMEX ALS05060352

RESPLIT

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UNSUBMITTED

Sample No	From (m)	To (m)	Weath	Colour	Rock	Texture	He 0-5	Si 0-5	Cl 0-5	CO3 0-5	WT	Qv (%)	Cv (%)	Sulphides (%)	Description and Notes	
10882	90	91	pu	(Br) contam-wet	Br							5			LBr, RBr, Br zst chips, minor li. whgr+li (wet sample)	Red (R)
883	91	92		(R)Br	zst										RBr, Br, R zst chips, some Lgy. m li, wke	
884	92	93		Br	zst										LBrGy, BrDBr zst chips	
885	93	94		YBr	zst							br			LgyBr, Br, R limonitic zst chips, m ke	
886	94	95	pu	RBr	zst										RuR, Br LGBr zst chip, some sandy (wt) li v lots after ke	
887	95	96	fr	Gy	qp							1-2			Dgy chlorite/ep chips, silic, qv; minor bleached Lgy zst	
888	96	97		(Br) contam-wet			2					1 1/2			Dgy, Gy Br chips & R, he, fsp Dgn chlorite, silic (WET)	Red (R)
889	97	98		GyBr	qp		1					1 1/2			" " " " (some bleached by L/BrGy)	Optimistic brown's
890	98	99		Gy	qp		1					1/2			" " " " (li, bleached)	
891	99	100		Gy	qp		1-2					1/2			" " " "	
10892	100	101		Gy	qp		3					1/2			" " " "	
10893	101	102		BrGy	qp		3					1			Bleached q " " " (some bleached, li, minor)	
894	102	103		(Br) contam-wet								1			Gy Br wldy li YB chips, silic; chl-he-fsp(R) (WET)	Red (R)
10895	103	104		GyGy	qp		3					1			" " " "	
10896	104	105		GyBr	qp		3					1			" " " " sl less altered (li)	
897	105	106		GyBr	qp		3-4					1/2			" " " " sl more he?	
898	106	107		Br	qp		4					5			RuR chips he; less on Gy chlor silic. whgr	
899	107	108		Gy	qp		3					1-2			RuR on Gy, he chips. minor li; less more silic, altered?	
900	108	109		(Br) contam, wet			2					1/2			RuBr Y chips, less he; some Y li flakes/clay. (WET)	Red (R)
901	109	110		GyBr	qp		1					1/2			GyGy-Dgy chips, less he fsp R; wke in part. smaller chips	
10902	110	111		(D)Gy	qp		1					2			Dgy, GyGy, R chips, finer gr	
903	111	112		Gy	z/sst		1/2								Dgy silic zst/vgr sst, bleached frags.	
904	112	113		Gy	z/sst		1/2								" " " " ; trace limonite on partings	
905	113	114		Gy	z/sst		1/2								" " " " " " " "	
906	114	115	Wet	(GyBr) z/sst			1/2								" " " " " " " " (WET)	Red (R)
907	115	116		Gy	z/sst		1/2								" " " " sl. black frags " " " "	Red (R)
908	116	117		Gy	z/sst		1/2								" " " " " " " "	
909	117	118		Gy	z/sst		1/2								" " " " " " " "	
910	118	119		Gy	z/sst		1/2								" " " " " " " "	
911	119	120		Gy	z/sst		1/2								" " " " some minor contam	
10912	120	121		(Br) contam wet			1/2								" " " " (WET)	Red (R)
913	121	122		Gy	z/sst		(h)								" " " " li, he on partings	
914	122	123		Gy	z/sst										" " " " sl. minor li, minor he?	
915	123	124		Gy	z/sst										DgyGy " " " " " " " "	
916	124	125		Gy	z/sst		1/2								Gy/Dgy " " ; smaller frags; br li	
917	125	126		Gy	z/sst										" " " " " " ; m. contam (up hole)	
918	126	127		Gy	z/sst										" " " " ; minor li on partings. (WET)	Red (R)
919	127	128		Gy	z/sst										" " " " " " " "	
920	128	129		Gy	z/sst										" " " " " " " "	
921	129	130		Gy	z/sst	(b)									" " " " minor he on partings.	
10922	130	131		Gy	z/sst										" " " " minor li on partings	
923	131	132		Gy	z/sst	(b)									Lgy/Gy " " " " , br he	Red (R)
924	132	133	Wet, No Fines		z/sst		1/2								" " " " sl. more li, he " (WET)	Red (R)
925	133	134		Gy	z/sst		1/2								" " " " " " ; wldy bleached?	
926	134	135		Gy	z/sst	(b)									" " " " minor li, he.	
927	135	136		Gy	z/sst		1/2								" " " " sl. more li, he.	
928	136	137		Gy	z/sst		1/2								Gy silic zst/vgr sst, some pu zst bands (he) coarse gr.	
929	137	138		RuBr	z/sst		1/2								Pu, Gy silic to wldy silic zst/vgr sst; Pu = coarse gr.	
930	138	139		(Br)Gy	z/sst	(b)									(Lgy silic zst, v wldy partings & part. m/tr li (DAMP)	Red (R)
10931	139	140	fr	Gy	z/sst		1/2								" " " " , to Gy; minor he, li.	

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