

RESOURCE HOLDINGS (WA) PTY LTD

Gravity Anomaly, EL 23897 Tennant Creek

RC Hole No: ERC007

Easting: 438179.8 Northing: 7817173.1 RL: 350m (nominal)

Azimuth: 030° (qnd MGA) Dip at Collar: -60° Depth: 144m

Logged by: I Conden Target: GRAVITY ANOMALY 1 (FENCE #2)
SCISSOR HOLE TO ERC006

Date Drilled: 23/7/2005

Rig: Mk10 Investigator / Underdale Drillers

Water: SWL 78m downhole (7am, 24/7/05)

Damp, small samples

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No
10648

Sample No	From (m)	To (m)	Weath	Colour	Rock	Texture	He 0-5	Si 0-5	Cl 0-5	CO3 0-5	Qv (%)	Cv (%)	Sulphides (%)	Description and Notes
10647	0	1	cr	LRBr	cy									RB soil, cy; contamination of yzstst from last hole (minor)
10649	1	2		LYBr	cy						5			clay, v few chips other than wh qv
650	2	3		LYBr	cy									clays, minor LY indurated chips
651	3	4		LY	cy									some lgy
652	4	5		LRBr	cy		1/2							minor R, YBr, Pi, Y small indurated chips
653	5	6		LYBr	cy		tr							" " " " " "
654	6	7		LPBr	cy		tr							" " " " " (v few)
655	7	8		LBr	cy		1/2							" " " " " (v few)
656	8	9		LPBr	cy		1/2							" " " " " "
657	9	10		LPBr	cy		1/2				1			" " " " " "
10658	10	11		LPBr	cy		1/2				1			" " " " " "
659	11	12		LPBr	cy		tr							" " " " " (v few)
660	12	13		LRBr	cy		tr							" " " " " (")
661	13	14		LRBr	cy		tr							" " " " " (")
662	14	15		Pi	cy		tr							" " " " " "
663	15	16	cr	LYBr	cy/zst		-				tr			clays, minor LBr zst chips
664	16	17	w	LBr	zst		tr				tr			LBr, LYBr, YBr, PiBr zst chips, common li
665	17	18		LBr	zst		1							some gy, pygyst
666	18	19		LY	zst		-							clayey zst, LY, LBr few small chips wh li
667	19	20		LPBr	zst		1/2							LYBr, LBr, PiBr clayey zst wh-vulk he
10668	20	21		LBr	zst		tr							LBr clayey zst, few chips minor LYBr, LY, Pi
669	21	22	w	LPBr	zst/ky		1/2							LBr, Pi clayey zst, few small chips
670	22	23	cr	LPBr	cy		-							Mainly clays, few hard chips
671	23	24		LPBr	cy		1/2							" " " " " some YBr, Br, v small
672	24	25		LBr	cy		1							" " " " " some YBr, some RBr he
673	25	26	cr	LBr	cy		1							" " " " " "
674	26	27	w	LPBr	zst/ky		1 1/2							Br, PiBr, YBr small chips zst in clay
675	27	28		LPBr	zst		1/2							Gy, YBr, PiBr chips, zst, wh he only
676	28	29		LPBr	zst		tr				1			YBr, Gy Br zst, li qv (wh+fe), common li
677	29	30		LPBr	zst		1/2				1			LPBr, Gy, LY zst, common li
10678	30	31		LBr	zst		tr				-			LBr, LPBr zst, platy chips common li
679	31	32		LPBr	zst		1							LPBr, LY, YBr li zst chips, mod li, wh he
680	32	33		LBr	zst		1/2							" " " " " less he
681	33	34		LBr	zst		tr							LBr, YBr, LPBr zst chips, mod li, tr he only
682	34	35		LPBr	zst		tr							" " " " " "
683	35	36		LPBr	zst		tr							" " " " " "
684	36	37		LY	zst		tr				1-2			LBr YBr zst chips, more li, wh li qv mRy chips
685	37	38		LY	zst		tr				tr			LBr, Y z/vf zst, wh li, minor YBr, Pi chips
686	38	39		LYBr	"		tr							LBr, YBr, Br z/vf zst, wh li minor R, Pi chips
10687	39	40	w	LPBr	zst		1/2							LYBr, RBr, YBr mainly zst chips, limonitic, wh he

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RC Hole No: 5RC007

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10688	40	41	w	LBr	Zst		tr				tr			LBr-PiBr platy chips, some Lgy, Pi; mod li YBr chips/vlets	
689	41	42		LBr	Zst									LBr-Br chips, platy, more li; some larger chips	
690	42	43		LY	Zst									LBr, Gy chips, platy, limonitic	
691	43	44		LY	Zst									Lgy, Lgy Br chips, wcky li; sl. more blocky	
692	44	45		LY	Zst									Lgy wcky li est chips, m li vlets	
693	45	46		LY	Zst									" " " "	
694	46	47		LY	Zst									" " " " est chips, some more sandy (fgr)	
695	47	48		LY	Zst						2			Lgy Zst chips, more sandy, some YBr li chips; whgr	
696	48	49	Lgy Br / LY Br	Zst			1/2				tr			Lgy Zst chips, less YBr Br, RBr he chips BLOCKED (small sample)	Red * CHANGE
697	49	50	Lgy Br / LY Br	Zst			1/2							Gy Br, Br, m RBr wcky he	
10698	50	51	Lgy Br / LY Br	Zst			tr							" " " " ; less he, more limonitic	
699	51	52		LPI	Sst		1/2							Y, Pi vfg wcky sst chips; wcky he; spots in Y chips, li/fel he	
700	52	53		LPI	Sst		1							" " " " s) more he; occas Zst chips	
701	53	54		LPI	Sst		1/2							Y, Pi-Rn vfg-(m)gr wcky sst chips	
702	54	55		LPI	Sst		1/2							Y, YBr less Rn vfg-(m)gr chips, smaller (small sample)	Red * CHANGE
703	55	56		LBr	Zst		tr							YBr sandy chips, less, Gy platy Zst, m li vlets (small sample)	
704	56	57		LBr	Zst		1/2							RBr, Br, occas RBr platy Zst chips, m li	
705	57	58		LBr	Zst		1				1/2			LBr, Br, more RBr	
706	58	59		LBr	Zst		1/2				tr			Br, LBr, RBr wcky he	
707	59	60		LBr	Zst		1/2				tr			LBr RBr wcky he, minor Y-YBr, li	
10708	60	61		LBr	Zst		1/2							LBr LY, Pn chips often platy, minor he stain/v (small sample)	Red * CHANGE
709	61	62		LBr	Zst		1/2							Y, LY Br, R-Br chips, common li; wcky silice in part	
710	62	63		LBr	Zst		tr				tr			LY, LBr, Pi chips; m li	
711	63	64		LBr	Zst		tr				tr			LBr, LY-Lgy, m Pi; wcky he/li; some platy	
712	64	65		LPI Br	Zst		tr							LY-Pi, Y, Br; to he	
713	65	66		LPI Br	Zst		tr				1/2			LY Br, Y, Pi; smaller chips	
714	66	67		(R) Br	Zst		2							Br, RBr more platy chips; mod he. (small sample)	Red * CHANGE
715	67	68		(R) Br	Zst		1							Br chips, less RBr, mod li chips	
716	68	69		Br	Zst		1/2							Gy chips, less Br minor he li fndn mainly small	
717	69	70		RBr	Zst		1							Gy, RBr wcky he chips, minor Br/li, hcr he	
10718	70	71		Pi St	Zst		1/2							Gy, Pn mod he chips; more he, less platy chips	
719	71	72		LBr	Zst		1/2							Pn Gy " " " " ; sl more he, less platy chips; wcky li	
720	72	73		Pi Br	Zst		1							Gy, Pn " " " " ; sl less he; more blocky mli (small sample)	Red * CHANGE
721	73	74		Pi Br	Zst		1/2							RBr, Gy mod he chips m li	
722	74	75		LPI Br	Zst		1/2							Gy, RBr mod he chips, sl less he, more li (brown-bry)	
723	75	76		LPI Br	Zst		2							Pn, RBr mgy chips, more blocky, some larger	
724	76	77		LPI Br	Zst		1							Gy, RBr, Br chips - less limonitic, more limonitic	
725	77	78		LPI Br	Zst		1/2							Pn, RBr chips, mod (-strong) hcr in part; smaller chips	
726	78	79		Pi Br	Zst		2							Pn, RBr more blocky chips (small sample)	Red * CHANGE
727	79	80		Pi Br	Zst		2							Pn, RBr, Gy chips (wcky platy) chips (small sample)	
10728	80	81		(R) Br	Zst		2				tr			Gy, RBr he Zst & vfg sst (platy limonitic chips) small chips	
729	81	82		RBr	Zst		3				tr			Pn he Zst sst; little Gy remains - altered, wcky whgr	
730	82	83		Pi Br	Zst		2/3							" " " " ; minor Gy, Br chips (small)	
731	83	84		(P) Br	Zst		2							" " " " ; sl more Gy, Br	
732	84	85		(P) Br	Zst		2							Pi/Pn he Zst/vfg sst; less wcky he; some coarse (small sample)	Red * CHANGE
733	85	86		(P) Br	Zst		1/2							(P) Gy chips, wcky mod he vlet platy; m Pn chips (small sample)	
734	86	87	w	(P) Br	Zst		1/2							" " " " " " " "	
735	87	88	pw	Br	Zst		1							" " " " " " " " , decr. intensity	
736	88	89		Br	Zst		1							" " " " " " " " , some larger chips	
10737	89	90	pw	Br	Zst		1				(tr)			" " " " " " " " ; m li; more vfg sst	

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10738	90	91	pw	(Br)	sst		3								Pu he sst, some LBr; tr chlorite small chips (50% small damp)
739	91	92		(R)Br	z/sst		23								Pu he zst, Pu Gy zst; much more thin platy chips. (65% small sample)
740	92	93		Br	z/sst		2								Pu Gy (he) zst, Pu he chips, platy.
741	93	94		Br	z/sst		2								L Pu Gy (he) zst, less Pu he chips; predom platy; zst = he + ch + silic.
742	94	95		Br	z/sst		2							, sl more sandy chips; m li on joints, vlets.
743	95	96		Br	z/sst		12							 Pu ...
744	96	97		Br	z/sst		12								L Gy wldy he zst platy frags; Pu more sandy frags, decr (55% small damp)
745	97	98		Br Gy	z/sst		1								Gy, L Gy wldy he zst; Pu more sandy frags (p. m. m.)
746	98	99		Br Gy	z/sst		1/2								" " " ;
747	99	100	pw	Br Gy	z/sst		1/2								" " " ; less Pu (he), less he overall.
10748	100	101	fr	Gy	z/sst		1/2				tr	1			Gy vfgs zst/zst, wldy small chips, some Pu (he); m he coatings
749	101	102		Gy	z/sst		1/2				tr	1/2			" " ; sl more Pu (he), he coatings; tail vfg mte
750	102	103		(Br)	z/sst		1					tr			" " ; more hematitic (lost/silt) CONTAM (55% wet sample)
751	103	104		Br	z/sst		12								Gy Br vfgs zst/zst chips, some platy; m. he (Pu)
752	104	105		Br	"		2								Pu, Gy, Br Gy vfgs zst/zst chips, some L Gy platy; m. Pu he
753	105	106		Gy Br	"		2								Pu, Br Gy chloritic, Br Gy chips, some platy, zst.
754	106	107		Gy	"		1								Gm Gy, mch chloritic less hematitic chips; some D Pu / R Br
755	107	108		Gy	"		1/2								Gm Gy, L Gy platy chips Pu Br small he chips, less (micaceous)
756	108	109		(Br)	z/sst		1/2								Gm, D Gy, chloritic/wldy he; Pu Br, m. m. m. (55% wet sample)
757	109	110		R Br Gy	DAMP		2					1/2			Gy Br, Pu Br chips, wldy m. he minor li (damp)
10758	110	111		Pu	"		2					1/2			Gm Gy, Pu chips, some larger, wldy, silic wldy chloritic/he
759	111	112		X Gy	"		12					1/2			" " " " " " " " " " " "
760	112	113		Gy	"		1/2					tr			Gy wldy silic, mch, m. he, tr li
761	113	114		Gy	z/sst		tr					1			Gy wldy silic vfgs zst, minor L Gy platy zst; tr li, he (small chips)
762	114	115		Gy	z/sst		1/2					1/2		, m he. (hole med out sample wet & damp)
763	115	116		Gy	z/sst		1/2					1/2		 sl more he? tr li
764	116	117		Gy	z/sst		tr					1/2			Gy (Br) sl more silic, more platy chips
765	117	118		Gy	z/sst		-					-			" " silic chips, n platy to blocky (small)
766	118	119		Gy	z/sst		tr					-			" " " " " " " " " " " "
767	119	120		Gy	z/sst		-					1			" " " " " " " " " " " "
10768	120	121		(Br)	z/sst		-					1/2			Gy (Br) and silic chips (30% wet sample)
769	121	122		Gy	z/sst		-					tr			Gy vfgs zst/zst silic chips, more li/he.
770	122	123		Gy	sst		tr								Gy vfgs - less silty?; trace he
771	123	124		Gy	z/sst		tr					tr			Gy vfgs/zst, m. m. silic & platy.
772	124	125		Gy	z/sst		tr								" " " " " " " " " " " "
773	125	126		(Br) Gy	z/sst		tr								Gy, Gy Br (li) vfgs zst/zst, m. silic.
774	126	127		(Br)	z/sst		tr								Gy, Gy Br (li) vfgs zst/zst, silic, more blocky (damp - cont'd below)
775	127	128		Br Gy	z/sst		tr								Gy vfgs zst/zst, silic; tr he on parting, some li
776	128	129		Gy	z/sst		-								Gy vfgs zst/zst, silic.
777	129	130		Gy	z/sst		tr								" " " " " " " " " " " "
10778	130	131		Gy	z/sst							tr			Gy vfgs zst/zst, silic; blocky/platy frags
779	131	132		(Br) Gy	z/sst							tr		 (Contam, hole)
780	132	133		Gy	z/sst							tr		 (sample wet, cont'd below)
781	133	134		Gy	z/sst										" " " " " " " " " " " "
782	134	135		Br Gy	z/sst		tr					tr			" " " " " " " " " " " "
783	135	136		Br Gy	z/sst		tr								" " " " " " " " " " " "
784	136	137		Gy	z/sst		tr					tr			" " " " " " " " " " " "
785	137	138		Gy	z/sst										" " " " " " " " " " " "
786	138	139		Gy	z/sst		tr								" " " " " " " " " " " "
10787	139	140	fr	Gy	z/sst		tr								" " " " " " " " " " " "

SLOW
DRILLING

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Red 
CHANGE

all

200 (X)
CHANG

ROD 
CHANGE

ROD 
CHANGE

Red 
CHANGE

POD
CHANGE

in Rod


 M. P.



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