

Station ID	EL Name	Initials	date	Utme	Utmn	Utmz	Anomaly Number
LP040001	EL 2855	MC	17-Aug-04	389417	8569941	277	
LP040002	EL 2855	MC	17-Aug-04	390865	8571252	296	LP_ARAD_ANOM_02
LP040003	EL 2855	MC	17-Aug-04	388127	8571548	317	LP_ARAD_ANOM_05
LP040004	EL 2855	MC	17-Aug-04	388122	8571507	320	LP_ARAD_ANOM_05
LP040005	EL 2855	MC	17-Aug-04	386420	8570137	351	
LP040006	EL 2855	MC	17-Aug-04	388140	8574594	328	
LP040007	EL 2855	MC	17-Aug-04	387301	8577014	288	
LP040008	EL 2855	MC	18-Aug-04	346222	8563294	325	
LP040009	EL 2855	MC	18-Aug-04	351188	8559802	391	
LP040010	EL 2855	MC	18-Aug-04	348142	8565392	324	LP_ARAD_ANOM_20
LP040011	EL 2855	MC	18-Aug-04	348471	8564753	324	
LP040012	EL 2855	MC	18-Aug-04	352637	8563980	370	LP_ARAD_ANOM_19
LP040013	EL 2855	MC	18-Aug-04	364671	8576009	329	LP_ARAD_ANOM_28
LP040014	EL 2855	MC	18-Aug-04	358514	8564160	372	LP_ARAD_ANOM_13
LP040015	EL 2855	MC	18-Aug-04	350881	8584860	304	LP_ARAD_ANOM_11
LP040016	EL 2855	MC	18-Aug-04	361042	8582941	312	LP_ARAD_ANOM_01
LP040017	EL 2855	MC	30-Aug-04	388121	8571402	312	
LP040018	EL 2855	MC	30-Aug-04	389707	8578269	260	
LP040200	EL 2855	KAP	30-Aug-04	388206	8571416	312	LP_ARAD_ANOM_05

Station ID	Geomorphology	Outcrop Description
LP040001	flat lying area	subcrop only
LP040002	gentle westerly slope with no outcrop	no outcrop, soil only
LP040003	n-s creek bed with in situ Marlgowa sandstone	in situ Phl
LP040004	n-s creek bed with in situ Marlgowa sandstone	in situ Phl
LP040005	gentle south facing slope with sandstone subcrop	partially in situ Phl + ?volcanic material
LP040006	flat area with ?tertiary nodular laterite and sandstone	nodular laterite + sandstone (?not in situ)
LP040007	moderate slope between two gullies	sandstone scree + in situ sandstone
LP040008	gentle slope	sandstone outcrop + pisolitic material
LP040009	creek bed	sandstone at western edge of creek bed, flat lying
LP040010	gentle slope	ferruginous pisolitic material + sandstone
LP040011	gentle slope	in situ sandstone
LP040012	flat lying area	in situ sandstone
LP040013	flat lying area	in situ sandstone
LP040014	flat sandstone terrace	in situ sandstone
LP040015	south facing bank on north side of E-W trending creek	in situ sandstone
LP040016	flat ground with strongly castellated sandstone; intense dissolution below platform giving rise to spectacular caverns	in situ sandstone, x-bedded
LP040017	gentle slope on edge of eroded gully	no outcrop, termite mounds
LP040018	low lying swampy area with a linear trend	no outcrop, termite mounds
LP040200	Low lying ridge with scree slope	subcropping to scree laterised sst

Station ID	Lithology	Formation	Mapinfo_Rock_Code	Sed_structure	Cps (bkgd)	Cps (max)	Instrument/SN
LP040001	sandstone	Marlgowa Sandstone	-Phl		120	140	Exploranium-GR110 G/E
LP040002	soil	soil only			200	250	Exploranium-GR110 G/E
LP040003	sandstone	Marlgowa Sandstone	-Phl		160	450	Exploranium-GR110 G/E
LP040004	sandstone	Marlgowa Sandstone	-Phl		360	400	Exploranium-GR110 G/E
LP040005	sandstone +laterite, ?volcanic	Marlgowa Sandstone	-Phl, Phlf		150	180	Exploranium-GR110 G/E
LP040006	sandstone + laterite	Marlgowa Sandstone	-Phl, Phlf		100	130	Exploranium-GR110 G/E
LP040007	sandstone + ?volcanic material	Marlgowa Sandstone	-Phl, Phlf		180	240	Exploranium-GR110 G/E
LP040008	sandstone + pisolitic material	Gumarrirnbang Sandstone; Giruth Member	-Phr, -Phrg		60	80	Exploranium-GR110 G/E
LP040009	sandstone	Marlgowa Sandstone	-Phl		40	40	Exploranium-GR110 G/E
LP040010	sandstone + pisolitic/ volcanic material	Gumarrirnbang Sandstone; Giruth Member	-Phr, -Phrg		70	130	Exploranium-GR110 G/E
LP040011	sandstone	Gumarrirnbang Sandstone	-Phr		50	60	Exploranium-GR110 G/E
LP040012	sandstone	Marlgowa Sandstone	-Phl		40	40	Exploranium-GR110 G/E
LP040013	sandstone +laterite, ?volcanic	Marlgowa Sandstone	-Phl		60	65	Exploranium-GR110 G/E
LP040014	sandstone	Marlgowa Sandstone	-Phl		40	50	Exploranium-GR110 G/E
LP040015	sandstone	Marlgowa Sandstone	-Phl		40	50	Exploranium-GR110 G/E
LP040016	sandstone	Marlgowa Sandstone	-Phl		60	60	Exploranium-GR110 G/E
LP040017	sand/soil from termite mound	Marlgowa Sandstone	-Phl		300	600	Exploranium-GR110 G/E
LP040018	sand/soil from termite mound	Marlgowa Sandstone	-Phl		100	135	Exploranium-GR110 G/E
LP040200	very coarse grained sandstone	Marlgowa Sandstone	-Phl		200	400	Urtec - SN B90127

Station ID	Comment
LP040001	
LP040002	
LP040003	elevated counts along stream bed
LP040004	no photograph taken
LP040005	
LP040006	
	sandstone at top of slope dips 16 S - possibly reflecting fault movement; volcanic rock separates zone of lower radioactivity (up slope, in situ sandstone) from zone of higher radioactivity (down slope, sandstone scree)
LP040007	
LP040008	
LP040009	arad anomaly is located in swampy ground immediately east
LP040010	ferruginous pisolitic material is possibly volcanic
LP040011	
LP040012	
LP040013	highest pixel is 50 m south of GB anomaly
LP040014	
LP040015	
LP040016	
LP040017	
LP040018	
LP040200	sample/station taken by KAP