

Cameco Australia Pty. Ltd.

East Alligator EL 23522 - Sample Location and Description

Sample Number	Easting (m) AGD 66 Zone 53L	Northing (m) Zone 53L	Elevation (m) RL(asl)	Geomorphology	Outcrop Description	Formation	Lithology	Gamma (cps)	
								background	maximum
EA030101B1	344004	8564808	300	edge of gully	flat rubbly area	Phl	fine grained sandstone	40	45
EA030102B1	341596	8566946	290	edge of ridge	low outcrop on flat soil plain	Phrg	fine grained sandstone	150	150
EA030103B1	344098	8567048	295	open plain	low lying outcrop	Phl	fine to medium grained sandstone	40	40
EA030104B1	346180	8566834	300	small ridge on spinifex plain	siliceous ridge, most not in situ	Phl	fine to medium grained siliceous sdst	50	50
EA030105B1	340067	8569129	300	flat top of plateau	flat subcropping sandstone	Phl	fine to medium grained weakly silic	50	50
EA030106B1	341995	8569279	290	open plain	small mesa outcrop	Phl	fine to medium grained silicified s	60	70
EA030107B1	344016	8569052	290	undulating flat shrubby area	stepped blocky silicified outcrop	Phl	fine to medium grained sandstone	40	50
EA030108B1	346069	8568963	290	on top of plateau near gully	small rubbly outcrop	Phl	fine grained bleached sandstone	40	40
EA030109B1	338128	8570957	272	large flat plateau	flat subcrop	Phl	fine to medium grained sandstone	40	40
EA030110B1	339964	8570853	272	top of rodge in NW trending gully (lineament)	large blocky outcrop	Phl	fine grained very silicified sandst	40	40
EA030111B1	341988	8571018	297	large flat plateau, scrubby vegetation	small areas of boulder outcrop	Phl	fine to medium grained sandstone	50	50
EA030112B1	343996	8571103	325	well vegetated plateau	small blocky sandstone outcrop, localised ferruginous crust, possible Gilruth Volcanics	Phl	fine to medium grained sandstone	90	90
EA030113B1	346117	8571011	344	plateau with sparse vegetation	boulder outcrop on plateau	Phl	fine to medium grained sandstone	45	50
EA030114B1	335796	8573482	309	top of ridge	flat lying outcrop	Phl	fine grained sandstone	40	40
EA030115B1	337874	8573128	240	top of ridge between two gullys	stepped slabby outcrop	Phl	fine to medium grained sandstone	50	60
EA030116B1	340161	8572684	278	flat lying undulating plateau sparse vegetation	flat outcrop scattered boulders	Phl	fine to medium grained sandstone	40	40
EA030117B1	342160	8573069	303	edge of plateau	blocky outcrop with scattered pebbles	Phl	medium to coarse grained sandstone	40	40
EA030118B1	344136	8573096	339	edge of ridge scrubby vegetation	small boulder ridge	Phl	medium grained sandstone	60	60
EA030119B1	346004	8573212	335	flat plateau	flat subcrop with nearby ferruginous crust	Phl	fine to medium grained sandstone	45	45
EA030120B1	331921	8575169	229	low scrub on pisolitic plain	NE trending blocky ridge	Phr	fine grained sandstone	90	90
EA030121B1	334095	8575194	253	edge of castellated ridge	flat boulder outcrop	Phl	fine to medium grained sandstone	40	50
EA030122B1	335969	8574887	326	flatly dipping outcrop on ridge	thinly bedded outcrop	Phl	medium grained sandstone	40	40
EA030123B1	337928	8575014	288	top of plateau with minor castellation	boulder outcrop	Phl	fine grained sandstone	40	40
EA030124B1	340094	8574812	282	plateau on edge of gully	scattered boulders on plateau	Phl	fine to medium grained sandstone	50	50
EA030125B1	342188	8574909	300	edge of gully	boulder outcrop	Phl	fine to medium grained sandstone	40	40
EA030126B1	343849	8575042	326	mildly castellated terrane	thinly bedded within boulder outcrop	Phl	fine to medium grained sandstone	70	70
EA030127B1	346194	8575131	347	open flat area amongst trees	subcrop on open plain, scattered pebbles in outcrop	Phl	medium to coarse grained sandstone	40	40
EA030128B1	330282	8577100	241	flat area on edge of lineament containing ferruginous rubble	subcrop with scattered boulders	Phr	medium to coarse grained sandstone	65	65
EA030129B1	331758	8576752	301	flat area on top of large hill	subcrop in flat area	Phl	medium grained sandstone	50	50
EA030130B1	333617	8576942	241	ridge on edge of large lineament	scattered boulders on ridge	Phl	medium grained sandstone	40	40
EA030131B1	336118	8576981	330	small ridge on top of plateau	boulder outcrop	Phl	medium to coarse grained sandstone	65	65
EA030132B1	338059	8577200	327	edge of gully	low boulder outcrop	Phl	medium to coarse grained sandstone	55	55
EA030133B1	339951	8577146	326	small ridge on top of plateau	blocky ridge outcrop	Phl	medium grained sandstone	60	60
EA030134B1	341669	8577202	302	moderately castellated terrane on top of ridge	boulder outcrop	Phl	medium to coarse grained sandstone	60	60
EA030135B1	344139	8576954	322	small ridge amongst dense low scrub	flat bedded boulder outcrop	Phl	fine to medium grained sandstone	65	65
EA030136B1	346038	8576974	348	moderately vegetated area surrounding relatively flat outcrop	low lying subcrop, scattered boulders	Phl	fine to medium grained sandstone	50	50
EA030137B1	328000	8579055	266	open flat plateau with shrubby vegetation	flat subcrop within spinifex plain	Phr	fine grained sandstone	50	50
EA030138B1	329971	8579100	249	edge of moderate scarp	flat bedded edge of scarp outcrop	Phr	medium grained sandstone	40	40
EA030139B1	332018	8578821	255	outcrop on edge of large lineament	blocky outcrop	Phl	medium grained sandstone	45	45
EA030140B1	333539	8579081	266	edge of low open plain	tilited blocky outcrop	Phrg	fine grained sandstone	100	70
EA030141B1	335778	8578812	302	outcrop on side of hill between two ridges	boulder outcrop amongst thick vegetation	Phl	medium to coarse grained sandstone	60	60
EA030142B1	338047	8579084	339	edge of lineament and open plain	boulder outcrop	Phl	medium to coarse grained sandstone	60	50
EA030143B1	339912	8578903	341	flat open plain	flat slabby outcrop	Phl	fine to medium grained sandstone	60	40
EA030144B1	342161	8579132	316	edge of gully	boulder outcrop	Phl	medium grained sandstone	60	50
EA030145B1	343902	8578835	332	flat open area	blocky outcrop	Phl	medium to coarse grained sandstone	51	40
EA030146B1	346002	8578961	335	flat open area	flat subcrop with rippled siface	Phl	medium grained sandstone	50	50
EA030147B1	323995	8581011	266	edge of ridge	rubbly flat outcrop	Phr	fine to coarse grained sandstone	49	50
EA030148B1	325919	8581020	312	flat shoulder of ridge	boulder outcrop	Phr	medium grained sandstone	60	56
EA030149B1	327860	8581184	274	top of large ridge	flat lying outcrop	Phr	fine grained sandstone	35	35
EA030150B1	329974	8581073	230	in wide gully	flat laminated outcrop	Phr	medium to coarse grained sandstone	60	50
EA030151B1	331951	8580843	253	edge of large 030 trending lineament	low lying flat outcrop	Phr	medium grained sandstone	40	42

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								background	maximum
EA030152B1	333887	8580952	293	edge of two knobby hills	large outcrop	Phl	medium to coarse grained sandstone	100	61
EA030153B1	335885	8580876	327	edge of two small gullies	mildly castellated	Phl	medium grained sandstone	45	40
EA030154B1	338184	8581189	362	edge of large valley	slabby outcrop flat dipping	Phl	fine to medium grained sandstone	57	73
EA030155B1	339931	8581004	357	edge of well vegetated plain	low rubbly outcrop	Phl	fine to medium grained sandstone	57	50
EA030156B1	341913	8580976	335	top of plateau	blocky outcrop	Phl	medium grained sandstone	50	60
EA030157B1	343980	8581092	353	subcrop on plateau	flat lying subcrop	Phl	medium grained sandstone	50	42
EA030158B1	345850	8580954	359	edge of flat area	boulder outcrop	Phl	medium grained sandstone	61	45
EA030159B1	324304	8582926	252	top of large ridge	castellated	Phr	fine to medium grained sandstone	45	50
EA030160B1	325890	8582959	253	edge of lineament	blocky boulder outcrop	Phr	medium grained sandstone	45	50
EA030161B1	328268	8583213	260	inside gully	laminated outcrop	Phr	medium grained sandstone	40	35
EA030162B1	330232	8583100	223	inside gully	blocky and laminated outcrop	Phr	fine to medium grained sandstone	45	50
EA030163B1	332198	8582880	287	edge of small gully	blocky outcrop	Phr	medium grained sandstone	40	40
EA030164B1	333627	8582822	248	edge of large lineament		Phr	medium to coarse grained sandstone	30	32
EA030165B1	335896	8583021	303	side of small ridge	small boulder outcrop	Phr	medium grained sandstone	46	50
EA030166B1	338023	8583108	367	open flat area	boulder outcrop	Phl	medium to coarse grained sandstone	42	37
EA030167B1	339984	8583082	350	flat surrounds	boulders	Phl	fine to medium grained sandstone	44	45
EA030168B1	341949	8582876	352	moderately castellated terrane	castellated outcrop	Phl	medium grained sandstone	50	40
EA030169B1	344182	8582818	352	open grassy area	subcropping boulders	Phl	fine to medium grained sandstone	60	40
EA030170B1	346107	8583186	348	flat scrubby area	boulder outcrop	Phl	fine to medium grained sandstone	42	40
EA030171B1	323743	8585321	233	in gully	subcrop	Phr	fine to medium grained sandstone	45	40
EA030172B1	325938	8585345	232	edge of large lineament	castellated outcrop	Phr	medium to coarse grained sandstone	40	40
EA030173B1	328132	8585093	326	edge of gully	flat outcrop	Phr	fine to medium grained sandstone	30	30
EA030174B1	329773	8585103	316	flat area	flat laminated outcrop	Phr	medium grained sandstone	50	45
EA030175B1	332119	8585389	305	on small ridge	ridge outcrop	Phr	medium grained sandstone	45	45
EA030176B1	333567	8585096	289	edge of gully	flat lying outcrop	Phr	fine to medium grained sandstone	50	45
EA030177B1	336089	8585207	288	edge of two large lineaments	laminated outcrop	Phr	fine grained sandstone	40	40
EA030178B1	337832	8585208	306	flat open area	subcrop	Phr	medium grained sandstone	50	40
EA030179B1	339774	8585056	344	flat area	low blocky outcrop	Phl	fine to medium grained sandstone	50	44
EA030180B1	341879	8584896	340	well vegetated area	flat lying outcrop	Phl	fine to medium grained sandstone	45	56
EA030181B1	343693	8584900	370	shrubby plain	boulder outcrop	Phl	fine to medium grained sandstone	50	55
EA030182B1	345792	8584835	340	edge of gully	boulder outcrop	Phl	medium to coarse grained sandstone	45	50
EA030183B1	323953	8586854	210	edge of lineament	large boulder outcrop	Phr	medium to coarse grained sandstone	70	50
EA030184B1	326049	8587057	239	edge of large lineament	small boulder outcrop	Phr	medium grained sandstone	50	49
EA030185B1	328169	8587052	341	edge of gully	blocky outcrop	Phr	fine grained sandstone	40	40
EA030186B1	330037	8587182	358	edge of ridge	flat tabular outcrop	Phr	medium to coarse grained sandstone	40	54
EA030187B1	331846	8587237	351	on top of plateau	large boulder outcrop	Phr	medium to coarse grained sandstone	40	35
EA030188B1	333979	8586952	285	well vegetated area	subcrop	Phr	medium to coarse grained sandstone	40	35
EA030189B1	336058	8587042	307	flat area	tabular pebbly outcrop	Phr	medium to coarse grained sandstone	50	45
EA030190B1	337994	8587129	322	edge of flat plain	terraced blocky outcrop	Phr	medium grained sandstone	90	50
EA030191B1	339887	8586910	356	edge of gully	freestanding boulders	Phl	medium to coarse grained sandstone	50	52
EA030192B1	342217	8587069	374	edge of gully	boulder outcrop	Phl	medium grained sandstone	50	45
EA030193B1	343992	8587175	363	very flat area	limited subcrop	Phl	medium grained sandstone	45	37
EA030195B1	323929	8589009	221	on large lineament	scarp edge	Phr	medium to coarse grained sandstone	60	65
EA030196B1	326125	8588892	299	top of plateau	isolated boulder outcrop	Phr	medium to coarse grained sandstone	50	60
EA030197B1	328129	8588838	331	top of plateau	low blocky boulder outcrop	Phr	medium grained sandstone	40	41
EA030198B1	330152	8588904	369	edge of plateau	low lying outcrop	Phr	medium to coarse grained sandstone	45	42
EA030199B1	331980	8589093	370	scrubby area	undulating tabular outcrop	Phr	medium grained sandstone	45	42
EA030200B1	334170	8588946	321	edge of gully		Phr	medium grained sandstone	45	40
EA030201B1	335951	8589037	353	flat plain	small boulder outcrop	Phr	medium grained sandstone	40	35
EA030202B1	337820	8589117	326	edge of wide shallow gully	flat bedded outcrop	Phr	medium grained sandstone	40	35
EA030203B1	339928	8588830	347	spinifex grassland	flat subcrop	Phr	medium to coarse grained sandstone	80	50
EA030204B1	342153	8589282	322	on plateau	sparse low lying outcrop	Phr	medium grained sandstone	55	45
EA030205B1	343956	8589165	325	flat lying area	flat subcrop	Phr	medium grained sandstone	40	52
EA030206B1	346108	8588845	374	well vegetated area	small boulder outcrop	Phl	medium grained sandstone	40	41
EA030207C1	334372	8589398	329	ferruginous ridge	ridge outcrop	Phr	medium to coarse grained sandstone	150	600
EA030207C2	334372	8589398	329	ferruginous ridge	ridge outcrop	Phr	medium to coarse grained sandstone	150	600
EA030208C1	342529	8589416	330	ferruginous sandstone ridge	ridge outcrop	Phrg	fine to medium grained sandstone	100	380

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								background	maximum
EA030209C1	338009	8586139	327	open well vegetated area		Phrg	medium to coarse grained sandstone	180	280
EA030210C1	332213	8586112	297	edge of sandstone gully	laterite boulder	Czl	laterite	100	330
EA030211C1	329407	8581257	215	between sandstone ridges	laterite boulder	Czl	laterite	150	490
EA030212C1	329860	8582150	231	edge of grassy plain between ridges	laterite crust	Phr	medium grained sandstone	120	100
EA030212C2	329860	8582150	231	edge of grassy plain between ridges	laterite crust	Phr	medium grained sandstone	120	100
EA030213C1	329318	8583144	256	flat spinifex area	scattered material	Czl	laterite	160	240
EA030213C2	329318	8583144	256	flat spinifex area	scattered material	Czl	laterite	160	240
EA030214C1	327098	8585310	268	sloping open plain	lateritic outcrop	Czl	laterite	100	190
EA030215	326964	8584194	195	black soil swamp	black soil	Czl	black soil		100
EA030217C1	331423	8580093	222	pisolitic plain		Czl	laterite	220	140
EA030219C1	343050	8567092	319	flat open grassy plain	scattered sandstone boulders	Phl	medium to coarse grained sandstone	190	130
EA030220C1	338940	8573832	218	scree slope on edge of gully	scree slope and boulders	Phl	coarse grained granular sandstone	70	150
EA030221C1	331214	8574903	244	flat open spinifex plain with shrubs	lateritic float	Phr	medium grained sandstone + laterite	80	120
EA040001C1	324276	8582161	179	crest within steep sided valley	in situ sandstone, dips to south (22S)	Phr	sandstone	40	40
EA040002C1	324769	8582120	206	valley	in situ sandstone	Phr	sandstone	40	50
EA040003C1	326012	8581995	298	flat ground north of valley edge	in situ sandstone	Phr	sandstone	35	50
EA040004C1	339001	8570901	270	flat lying sandstone platform	flat pancake-like sandstone	Phl	sandstone	30	40
EA040005C1	338973	8571666	240	flat lying sandstone platform	in situ sandstone	Phl	sandstone	45	60
EA040006C1	336853	8572952	260	NE-SW trending valley	flat lying sandstone platform	Phl	sandstone	40	60
EA040007C1	338323	8572061	207	edge of river	flat lying in situ sandstone	Phl	sandstone	50	80
EA040008C1	333145	8574898	238	flat lying sandstone platform	flat lying in situ sandstone	Phl	sandstone	35	60
EA040009C1	333648	8575683	229	flat lying sandstone platform	flat lying in situ sandstone	Phl	sandstone	40	50
EA040010C1	333936	8577112	195	intersection of NW-SE and NE-SW lineaments/ valleys	gently dipping in situ sandstone	Phl	sandstone	40	60
EA040011C1	334400	8577861	221	edge of creek	in situ sandstone exposed at edge of creek	Phl	sandstone	80	100
EA040011C2	334400	8577861	221	edge of creek	in situ sandstone exposed at edge of creek	Phl	sandstone	80	100
EA040012C1	334032	8579025	289	small hill	in situ sandstone	Phl	sandstone	50	70
EA040013C1	331782	8578831	254	small hill	in situ sandstone	Phl	sandstone	40	50
EA040014C1	325940	8580033	297	north side of small sandstone mesa	flat lying in situ sandstone	Phr	sandstone	50	60
EA040015C1	326870	8579960	284	side of small hill	flat lying in situ sandstone	Phr	sandstone	40	50
EA040016C1	326969	8578979	223	edge of prominent lineament/ valley	flat lying in situ sandstone	Phr	sandstone	40	40
EA040017C1	328143	8579891	254	edge of prominent lineament/ valley	flat lying in situ sandstone	Phr	sandstone	30	30
EA040018C1	328917	8579921	252	edge of prominent lineament/ valley	flat lying in situ sandstone	Phr	sandstone	30	45
EA040019C1	330023	8580064	276	castellated sandstone	in situ sandstone; abundant ripples	Phr	sandstone	50	60
EA040020C1	331459	8580036	208	immediately west of interpreted Bulman Fault Zone; sandstone platform with metre scale undulations	in situ sandstone; multiple fractures and joints	Phr	sandstone	160	800
EA040020C2	331459	8580036	208	immediately west of interpreted Bulman Fault Zone; sandstone platform with metre scale undulations	in situ sandstone; multiple fractures and joints	Phr	sandstone	160	800
EA040020C3	331459	8580036	208	immediately west of interpreted Bulman Fault Zone; sandstone platform with metre scale undulations	in situ sandstone; multiple fractures and joints	Phr	sandstone	160	800
EA040021C1	330869	8578838	160	creek bed	flat lying in situ sandstone	Phr	sandstone	40	50
EA040022C1	332436	8579510	232	gentle slope	flat lying in situ sandstone + volcanic-looking ferruginous material	Phr	sandstone + ?volcanic material	180	220
EA040022C2	332436	8579510	232	gentle slope	flat lying in situ sandstone + volcanic-looking ferruginous material	Phr	sandstone + ?volcanic material	180	220
EA040023M1	327159	8580924	273	sandstone platform	flat lying in situ sandstone	Phrg	sandstone	30	30
EA040024C1	329072	8580929	253	sandstone platform	flat lying in situ sandstone	Phr	sandstone	40	40
EA040025C1	329594	8580911	210	creek bed	in situ sandstone	Phr	sandstone	70	100
EA040026C1	330659	8581153	272	edge of gully	in situ sandstone	Phr	sandstone	50	60
EA040027C1	331064	8581106	229	gully	in situ sandstone	Phr	sandstone	60	70
EA040028C1	332114	8580024	228	broad bottomed gully	flat lying in situ sandstone	Phr	sandstone	30	40
EA040029C1	332939	8580086	262	sandstone platform	flat lying in situ sandstone	Phr	sandstone	30	40
EA040030C1	332997	8581018	269	gentle slope	flat lying in situ sandstone	Phr	sandstone	50	60

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EA040031C1	331035	8581993	281	gentle slope	flat lying in situ sandstone	Phr	sandstone	30	40
EA040032C1	331926	8582081	279	gentle slope on side of gully	gently dipping in situ sandstone	Phr	sandstone	35	50
EA040033C1	328588	8581472	211	gentle slope	gently dipping in situ sandstone with abundant ripples	Phr	sandstone	40	50
EA040034C1	329236	8581257	198	gentle slope on side of creek	flat lying in situ sandstone	Phr	sandstone	40	60
EA040035C1	329433	8581569	209	small hill	flat lying in situ sandstone	Phr	sandstone	35	50
EA040036C1	329868	8581451	231	gentle slope on side of hill	in situ sandstone with scattered pisolithic material	Phr	sandstone	40	50
EA040037C1	327122	8581964	282	flat sandstone pavement	flat lying in situ sandstone/ pebble stone	Phr	sandstone	40	50
EA040038C1	327926	8582063	235	gentle slope on side of hill	in situ sandstone	Phr	sandstone	40	60
EA040039C1	328565	8582315	242	edge of sheer cliff face on margins of interpreted Bulman Fault Zone	in situ sandstone gently dipping to west	Phr	sandstone	30	50
EA040040C1	329034	8582008	222	sandstone ledge on edge of cliff	flat lying in situ sandstone	Phr	sandstone	40	50
EA040041C1	329481	8581919	228	small hill	flat lying in situ sandstone	Phr	sandstone + laterite	40	40
EA040042C1	329921	8582037	220	gentle slope on side of hill	in situ sandstone + laterite + pisolites	Phr	sandstone + laterite	100	280
EA040042C2	329921	8582037	220	gentle slope on side of hill	in situ sandstone + laterite + pisolites	Phr	sandstone + laterite	100	280
EA040043C1	333098	8581921	220	gently dipping slope on margins of prominent gorge	in situ sandstone	Phr	sandstone	40	60
EA040044C1	326910	8583119	260	flat ground at 'summit' of small hill/ mesa	in situ sandstone with crossbeds dipping 30 degrees to south	Phr	sandstone	40	60
EA040045C1	327408	8583172	262	moderate slope	in situ sandstone	Phr	sandstone	40	50
EA040046C1	328036	8582985	225	floor of gully; intersection of ~N-S and ~E-W lineaments	flat lying in situ sandstone + sandstone scree	Phr	sandstone	40	60
EA040047C1	328601	8582838	268	flat sandstone platform	flat lying in situ sandstone	Phr	sandstone	40	40
EA040048C1	328880	8583072	261	gentle slope	in situ sandstone	Phr	sandstone	35	40
EA040049C1	329345	8583136	248	gentle slope on side of hill	sandstone scree + lateritic material (?volcanic)	Phr	sandstone + laterite (?volcanic)	220	300
EA040050C1	331110	8583044	310	gentle slope	in situ sandstone	Phr	sandstone	40	60
EA040051C1	333050	8583005	289	gentle slope on side of gully	flat lying in situ sandstone	Phr	sandstone	40	40
EA040052C1	327530	8582541	259	small rise between two gullies	flat lying in situ sandstone	Phr	sandstone	30	50
EA040053C1	327899	8582415	245	sandstone platform on edge of gully	in situ sandstone	Phr	sandstone	35	50
EA040054C1	328539	8582548	253	gentle slope on edge of valley	in situ sandstone	Phr	sandstone	35	55
EA040055C1	328967	8582421	243	castellated zone of sandstone between two gullies	in situ sandstone	Phr	sandstone	30	40
EA040056C1	329839	8582271	215	gentle slope	in situ sandstone, thinly bedded	Phr	sandstone	40	60
EA040057C1	324966	8584030	258	spectacular gorge	in situ sandstone	Phr	sandstone	40	50
EA040058C1	326420	8584110	270	edge of gully	in situ sandstone with ripples	Phr	sandstone	40	55
EA040059C1	327850	8583645	251	flat sandstone pavement	in situ sandstone	Phr	sandstone	45	70
EA040060C1	328208	8583296	272	flat sandstone pavement	in situ sandstone	Phr	sandstone	50	70
EA040061C1	329113	8583625	283	small crest	in situ sandstone; possible dissolution textures	Phr	sandstone	30	35
EA040062C1	328824	8582995	258	gentle slope	gently dipping in situ sandstone	Phr	sandstone	30	35
EA040063C1	330128	8583902	302	deeply incised sandstone, flat area between two crevasses	in situ sandstone	Phr	sandstone	30	35
EA040064C1	330982	8584078	257	edge of gorge	gently dipping in situ sandstone	Phr	sandstone	40	50
EA040065C1	332136	8584125	285	sandstone platform on edge of gorge	flat lying in situ sandstone	Phr	sandstone	35	50
EA040066C1	323756	8586148	256	edge of spectacular gorge (NW-SE trend)	flat lying in situ sandstone with ripples	Phr	sandstone	40	40
EA040067C1	325596	8586446	181	cliff at edge of gorge	in situ sandstone + sst scree; whitish grey color	Phr	sandstone	50	70
EA040068C1	326794	8585755	263	gentle slope on edge of gully	in situ sandstone + sandstone scree	Phr	sandstone	50	65
EA040069C1	328351	8585818	343	gentle slope	in situ sandstone	Phr	sandstone	50	60
EA040070C1	327120	8585393	267	flat ground	in situ sandstone + sandstone scree + volcanic lateritic scree	Phr	sandstone + laterite (volcanic)	100	300
EA040070C2	327120	8585393	267	flat ground	in situ sandstone + sandstone scree + volcanic lateritic scree	Phr	sandstone + laterite (volcanic)	100	300

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East Alligator EL 23522 - Sample Location and Description

Sample Number	Easting (m) AGD 66 Zone 53L	Northing (m) 53L	Elevation (m) RL(asl)	Geomorphology	Outcrop Description	Formation	Lithology	Gamma (cps)	
								background	maximum
EA040071C1	331060	8584981	277	small crest	flat lying in situ sandstone, deformation bands in sst trend E-W and NE-SW	Phr	sandstone	35	55
EA040072C1	333310	8585917	314	flat sandstone terrace	in situ sandstone	Phr	sandstone	40	60
EA040073C1	332913	8587188	321	flat sandstone terrace	in situ sandstone	Phr	sandstone	40	50
EA040074C1	330809	8586751	324	small crest	flat lying in situ sandstone	Phr	sandstone	40	50
EA040075C1	331246	8586029	312	small rise on edge of gully	flat lying in situ sandstone; no deformation bands	Phr	sandstone	40	60
EA040076C1	326763	8588689	288	flat sandstone pavement	flat lying in situ sandstone	Phr	sandstone	50	60
EA040077C1	325701	8588749	248	sandstone platform on side of gorge	flat lying in situ sandstone	Phr	sandstone	60	80
EA040077C2	325701	8588749	248	sandstone platform on side of gorge	flat lying in situ sandstone	Phr	sandstone	60	80
EA040078C1	325480	8587113	198	moderately sloping ground on edge of creek	flat lying in situ sandstone	Phr	sandstone	40	40
EA050200	329800	8580910	223	low subcropping rock with broken slabs at base of terraced sandstone hill and edge of flat brown soil and sandy timbered linear valley	small slabby sandstone subcropping rock bench; thin trough cross beds and planar bedded outcrop is lightly weathered	Phr	coarse grained sandstone	45	45
EA050201	329693	8580988	224	low subcropping rock with broken slabs at base of terraced sandstone hill and edge of flat brown soil and sandy timbered linear valley	small slabby sandstone subcropping rock bench; thin trough cross beds and planar bedded outcrop is lightly weathered	Phr	coarse grained sandstone	45	45
EA050202	329593	8581146	220	low subcropping rock with broken slabs at base of terraced sandstone hill and edge of flat brown soil and sandy timbered linear valley	small slabby sandstone subcropping rock bench; thin trough cross beds and planar bedded outcrop is lightly weathered	Phr	coarse grained sandstone	40	40