

Western Desert Resources Ltd

Mountain Creek Project EL 27143 Station Locations

Station	EL Number	Prospect	GDA94 Zone 53 (metres)		RL (asl)	Sample Type	Lithology	Mapped Formation	Comments
Easting	Northing								
11MK0008	EL27413	K Anomaly	483821	8331704	70	ASSAY_ICP	sandstone	Abner Sandstone	SST - hard white quartzite, medium to coarse grained; no bedding but prominent flat surface (joint?) dips 36 to 180 True; sporadic very weak quartz veining to quartz-vein-breccia; outcrop includes a curved fault that terminates within the outcrop, fault
11MK0009	EL27413	K Anomaly	483876	8331919	75	ASSAY_ICP	sandstone	Abner Sandstone	Sample from distinct fracture zone in karstic sandstone; red ferruginous coating on fractures.
11MK0010	EL27413	K Anomaly	483813	8331733	71	ASSAY_ICP	tuff	Tallawah Formation	Crystal tuff up to 1-2 mm grain size; red colouration overall; dominated by quartz with lesser feldspar; sparse fracturing or veins with coating of yellow clay.
11MK0011	EL27413	K Anomaly	484992	8331465	69	Mapping	dacite	Tallawah Formation	Dacite - fine grained, light red-brown with vein of very coarse white radiating/fan crystals.
11MK0012	EL27413	K Anomaly	483799	8331757	73	ASSAY_ICP	breccia	Tallawah Formation	Breccia - quartz filled breccia in sandstone on contact with crystal tuff (or microgranite?).
11MK0013	EL27413	K Anomaly	483846	8331740	70	Mapping	tuff	Tallawah Formation	Quartz feldspar crystal tuff.
11MK0014	EL27413	K Anomaly	485072	8331248	86	ASSAY_ICP	breccia	Tallawah Formation	Breccia with quartz fill and quartz veins with angular clasts of red Kspar rich microgranite/syenite (or tuff)
11MK0015	EL27413	K Anomaly	485055	8330840	87	ASSAY_ICP	conglomerate	Transported recent cover	Conglomerate - sample from big river deposit with large very well rounded sandstone cobbles to 20 cm with a red ferruginous coarse sandy matrix; this sample with cobbles to 8 cm; samples for trapped alluvial gold.
11MK0016	EL27413	K Anomaly	485096	8331387	68	ASSAY_ICP	Vein material	Tallawah Formation	Intermixed massive shiny red hematite and yellowish red to light red jasper and white quartz; hematite is replacing parent rock of unknown identity; another similar rock in outcrop suggests this sample may be associated with a vein.
11MK0017	EL27413	K Anomaly	485102	8331350	69	ASSAY_ICP	dacite	Tallawah Formation	Vesicular dacitic lava; extremely weathered felty mass of very fine laths (plagioclase); red colour; vesicles are from 1 m to 1 cm and often filled with bright green chlorite(?) and some with a blue-green copper colour
11MK0018	EL27413	K Anomaly	485121	8331382	66	ASSAY_ICP	vein breccia	Tallawah Formation	Breccia vein with quartz infill and angular clast of host rock which is fine grained dacite; dacite is light brown mass of fine plagioclase laths and scattered phenocrysts; phenocrysts are anhedral to subhedral with some resorption and phenocrysts replaced
11MK0020	EL27413	K Anomaly	485086	8331375	69	ASSAY_ICP	massive hematite	Tallawah Formation	Sample of massive hematite with vein/infill of very coarse white radiating/fan mineral ((looks like white quartz but the habit suggests another mineral or quartz has pseudomorphed another mineral?).
11MK0021	EL27413	K Anomaly	485094	8331368	68	ASSAY_ICP	dacite	Tallawah Formation	Volcanic - very fine grained, pink to light brown; very weathered and/or altered; felty texture with mass of plagioclase laths; weakly porphyritic; weak stockwork of hairline veins up to 1 mm; hairline veins are black on weathered surface but black (ma
11MK0022	EL27413	K Anomaly	485133	8331463	64	ASSAY_ICP	breccia	Tallawah Formation	Breccia with angular clasts to 2 cm of pink dacite (with a few spherical vesicles) and matrix of eroded red-brown Fe oxide.
11MK0023	EL27413	K Anomaly	485113	8331431	65	ASSAY_ICP	vein breccia	Tallawah Formation	Apparent vein or breccia with massive hematite with lithophysae and r breccia infill by colloform banded light red jasper and white quartz.
11MK0024	EL27413	K Anomaly	485113	8331431	65	ASSAY_ICP	Vein material	Tallawah Formation	Hematite quartz vein rock; very similar to sample MK0023 and from the same location but with coarser crystalline quartz rather than colloform banding.
11MK0025	EL27413	K Anomaly	485134	8331497	63	ASSAY_ICP	breccia	Tallawah Formation	Breccia - clast supported with angular clasts of dacite with infill of quartz and quartz sericite; dacite has red hematite alteration overprinted by sericite or quartz sericite. The outcrop includes quartz hematite vein.
11MK0026	EL27413	K Anomaly	485134	8331497	63	ASSAY_ICP	Vein material	Tallawah Formation	Quartz vein with later cross-cutting hematite associated with a fault. This outcropping vein adjacent to the breccia of MK0026.
11MK0027	EL27413		482912	8332106	82	ASSAY_ICP	breccia	Tallawah Formation	Breccia, Matrix supported, SST clasts from angular to rounded. Ferruginous matrix, DK Br/Rd, highly fractured clasts, infill goe/hem.
11MK0028	EL27413		482912	8332106	82	ASSAY_ICP	breccia	Tallawah Formation	Breccia matrix supported. Lt Gy/Wh completely silicified

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11MK0029	EL27413		482609	8332684	88	ASSAY_ICP	ferruginous sandstone	Abner Sandstone	Ferruginous sandstone CG, Dk Rd/Br Breccia matrix supported, FEST matrix, mtx poorly sorted, CG, from sub-angular to sub-rounded. From Ye to Rd. Clasts angular to sub-angula, VCG poorly sorted SST. Ye cy clasts. Scattered CG Qz vns.
11MK0030	EL27413		482560	8332768	88	ASSAY_ICP	breccia	Tallawah Formation	Breccia from mtx to clasts supported. SST clasts, high ferroginous mtx (Dk from Rd to Ye). Clasts from rounded to angular (up to 5cm). Clast look like VCG SST w/ABD FG Ferr/Hem mtx.
11MK0031	EL27413		482554	8332773	89	ASSAY_ICP	breccia	Tallawah Formation	Breccia matrix supported. SLT / CY Dk Gy clasts. CG Qz mtx
11MK0032	EL27413		482527	8332791	90	ASSAY_ICP	breccia	Tallawah Formation	
11MK0033	EL27413		480424	8335899	59	ASSAY_ICP	breccia	Tallawah Formation	
11MK0034	EL27413	K Anomaly	486152	8330782	70	ASSAY_ICP	breccia	Tallawah Formation	Breccia, stockwork of Goe and Qz veins
11MK0035	EL27413	K Anomaly	486415	8331302	83	ASSAY_ICP	breccia	Tallawah Formation	Breccia, completely silicified. Black small spot
11MK0036	EL27413	K Anomaly	486471	8331385	77	ASSAY_ICP	volcanic	Tallawah Formation	volcanic, flow banding
11MK0037	EL27413	K Anomaly	486502	8331527	82	ASSAY_ICP	quartz vein	Tallawah Formation	
11MK0038	EL27413	K Anomaly	486150	8331544	80	ASSAY_ICP	Vein material	Tallawah Formation	Massive Hem-Qz vein
11MK0039	EL27413	K Anomaly	486091	8331556	80	ASSAY_ICP	breccia	Tallawah Formation	
11MK0040	EL27413	K Anomaly	482188	8333583	91	ASSAY_ICP	siltstone	Tallawah Formation	Hem/Goe rich SLT w/ Dk Br/Gy CY. Scattered Qz Vn
11MK100	EL27143	Mountain Ck	481982	8333812	86	Mapping	quartz breccia		massive locally brecciated and veined quartzite ridge
11MK101	EL27143	Mountain Ck	481985	8333788	88	Mapping	quartz breccia		Strong fabric in quartzite with damage zone over 20m wide
11MK102	EL27143	Mountain Ck	482044	8333723	91	Mapping	quartz breccia		Good fault exposure; brecciated core to fault zone is 1m thick
11MK103	EL27143	Mountain Ck	481934	8333694	89	Mapping	sandstone	Moroak Sandstone Member	cross bedded SST with hematite laminae
11MK104	EL27143	Mountain Ck	481929	8333691	91	Mapping	contact	Moroak Sandstone Member	Contact between Moroak SST and SIM
11MK105	EL27143	Mountain Ck	481900	8333653	98	Mapping	oolite	Sherwin Ironstone Member	Reasonable grade of Fe in SIM between 11MK104 and 11MK105
11MK106	EL27143	Mountain Ck	481881	8333653	100	Mapping	contact	Kyalla Member	Approximate contact position
11MK107	EL27143	Mountain Ck	481747	8333844	87	Mapping	contact	Sherwin Ironstone Member	contact SIM with overlying Kyalla Fm
11MK108	EL27143	Mountain Ck	481734	8333831	90	Mapping	sandstone	Sherwin Ironstone Member	SST band within hematite rich oolites
11MK109	EL27143	Mountain Ck	481721	8333829	94	Mapping	oolite	Sherwin Ironstone Member	
11MK110	EL27143	Mountain Ck	482354	8332923	96	Mapping	sandstone	Moroak Sandstone Member	poorly bedded-massive sandstone with abundant qtz veining parallel to bedding
11MK111	EL27143	Mountain Ck	482328	8332911	104	Mapping	contact	Moroak Sandstone Member	Contact SIM with MSM; veining abundant on MSM side; limonite staining along
11MK112	EL27143	Mountain Ck	482325	8332870	104	Mapping	sandstone	Sherwin Ironstone Member	contact; still mostly SST
11MK113	EL27143	Mountain Ck	482309	8332868	108	Mapping	siltstone	Sherwin Ironstone Member	Cross bedded quartz sandstone with abundant hematite laminae
11MK114	EL27143	Mountain Ck	482304	8332864	106	Mapping	siltstone	Sherwin Ironstone Member	finely interbedded with hematite laminae and contact with hematitic oolite (main
11MK115	EL27143	Mountain Ck	482295	8332870	108	Mapping	shear zone	Sherwin Ironstone Member	Shear zone with highly fissile pink-brown colour 6-7m thick; internal tight fold
11MK116	EL27143	Mountain Ck	482275	8332941	114	Mapping	shear zone	Sherwin Ironstone Member	As for 11MK115 along strike; only 1-2m thick; shear appears to favour a shaly unit
11MK117	EL27143	Mountain Ck	482254	8333008	116	Mapping	shear zone	Sherwin Ironstone Member	Shear zone on other side of oolite- appears to be the main shear possibly in the
11MK118	EL27143	Mountain Ck	482288	8332885	111	Mapping	oolite	Sherwin Ironstone Member	Good high grade oolite 4-5m thick
11MK119	EL27143	Mountain Ck	482276	8332883	107	Mapping	shear zone	Sherwin Ironstone Member	Main shear in silty layers near edge of SIM/KYM
11MK120	EL27143	Mountain Ck	482260	8332874	103	Mapping	siltstone	Kyalla Member	
11MK121	EL27143	Mountain Ck	482209	8332853	109	Mapping	siltstone	Kyalla Member	
11MK122	EL27143	Mountain Ck	482320	8332811	109	Mapping	shear zone	Sherwin Ironstone Member	1-2m thick shear within shaley unit between high grade oolite; small scale tight
11MK123	EL27143	Mountain Ck	482338	8332752	113	Mapping	shear zone	Sherwin Ironstone Member	2-3m thick shear flanked by hematite rich oolite on both sides
11MK124	EL27143	Mountain Ck	482382	8332722	105	Mapping	sandstone	Moroak Sandstone Member	Cross bedded sandstone with hematite laminae
11MK125	EL27143	Mountain Ck	482312	8332753	112	Mapping	shear zone	Sherwin Ironstone Member	Anastomising major shear zone on track; >10m wide
11MK126	EL27143	Mountain Ck	482301	8332751	112	Mapping	shear zone	Sherwin Ironstone Member	As for 11MK125; approximate edge of steep schistosity
11MK127	EL27143	Mountain Ck	482291	8332751	114	Mapping	siltstone	Kyalla Member	well foliated siltstone
11MK128	EL27143	Mountain Ck	482288	8332742	114	Mapping	siltstone	Kyalla Member	well foliated siltstone
11MK129	EL27143	Mountain Ck	482991	8331509	89	Mapping	siltstone	Moroak Sandstone Member	crossbedded siltstone-sandstone
11MK130	EL27143	Mountain Ck	482979	8331496	100	Mapping	sandstone	Sherwin Ironstone Member	Poorly bedded sandstone with minor hem laminae and qtz veining parallel to bedding
11MK131	EL27143	Mountain Ck	482973	8331464	108	Mapping	sandstone	Sherwin Ironstone Member	Crossbedded sandstone with abundant hematite laminaeand minor thin oolitic bands

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11MK132	EL27143	Mountain Ck	482958	8331450	113 Mapping	siltstone	Kyalla Member	finely bedded siltstone with hematite laminae	
11MK133	EL27143	Mountain Ck	482967	8331397	113 Mapping	siltstone	Kyalla Member	Crossbedded SLT/SST with wavy bedding strike and hematite laminations	
11MK134	EL27143	Mountain Ck	482965	8331397	113 Mapping	siltstone	Kyalla Member		
11MK135	EL27143	Mountain Ck	482959	8331393	113 Mapping	siltstone	Kyalla Member	Same repeated band as at location 11MK133- dipping other way	
11MK136	EL27143	Mountain Ck	482948	8331378	112 Mapping	oolite	Sherwin Ironstone Member	8m thick unit	
								Sheared contact between high grade oolite KYM- Siltsone with clay and goeitic staining and numerous parasitic folds	
11MK137	EL27143	Mountain Ck	482945	8331375	110 Mapping	siltstone	Kyalla Member	Spotty textured sandstone	
11MK138	EL27143	Mountain Ck	482936	8331377	108 Mapping	siltstone	Kyalla Member		
11MK139	EL27143	Mountain Ck	482931	8331372	107 Mapping	shear zone	Kyalla Member	hematite altered sheared siltstone	
11MK140	EL27143	Mountain Ck	482908	8331371	107 Mapping	siltstone	Kyalla Member	Edge of main shear- siltstone and clay alteration and hem staining	
11MK141	EL27143	Mountain Ck	482895	8331370	109 Mapping	siltstone	Kyalla Member	hematite laminated siltstone	
11MK142	EL27143	Mountain Ck	482887	8331365	111 Mapping	contact	Sherwin Ironstone Member	Contact KYM/SIM	
11MK143	EL27143	Mountain Ck	482905	8331450	114 Mapping	sandstone	Sherwin Ironstone Member	Fold hinge plunge (synclinal)	
11MK144	EL27143	Mountain Ck	482878	8331505	118 Mapping	siltstone	Sherwin Ironstone Member	sheared SLT near SIM contact	
11MK145	EL27143	Mountain Ck	482822	8331631	120 Mapping	oolite	Sherwin Ironstone Member	high grade OO & drill pad (not drilled from 2010)	
11MK146	EL27143	Mountain Ck	482783	8331703	120 Mapping	oolite	Sherwin Ironstone Member	high grade OO band stops at fold hinge	
11MK147	EL27143	Mountain Ck	482732	8331915	123 Mapping	oolite	Sherwin Ironstone Member	contact between hem altered SST and high grade oolite	
11MK148	EL27143	Mountain Ck	482781	8331805	117 Mapping	siltstone	Sherwin Ironstone Member	siltstone-sandstone with hematite laminae	
11MK149	EL27143	Mountain Ck	482771	8331786	119 Mapping	shear zone	Sherwin Ironstone Member	Southern side of the shear zone	
11MK150	EL27143	Mountain Ck	482757	8331786	119 Mapping	siltstone	Sherwin Ironstone Member	laminated siltstone	
11MK151	EL27143	Mountain Ck	482746	8331764	119 Mapping	siltstone	Sherwin Ironstone Member	Prominent 2m thick siltstone band	
11MK152	EL27143	Mountain Ck	482747	8331760	119 Mapping	siltstone	Sherwin Ironstone Member	Fold hinge plunge	
11MK153	EL27143	Mountain Ck	482747	8331758	119 Mapping	siltstone	Sherwin Ironstone Member	Same band at 11MK151 with opposite dip direction	
11MK154	EL27143	Mountain Ck	482879	8331543	119 Mapping	oolite	Sherwin Ironstone Member	fold hinge of high grade oolite	
11MK155	EL27143	Mountain Ck	482866	8331530	118 Mapping	oolite	Sherwin Ironstone Member	high grade OO 2m thick	
11MK156	EL27143	Mountain Ck	482872	8331534	119 Mapping	siltstone	Sherwin Ironstone Member	Crossbedded siltstone with hem laminae; same unit as 11MK151	
11MK157	EL27143	Mountain Ck	482876	8331537	119 Mapping	siltstone	Sherwin Ironstone Member	same of 11MK156 on the other side of anticline	
11MK158	EL27143	Mountain Ck	482886	8331541	119 Mapping	siltstone	Sherwin Ironstone Member		
11MK159	EL27143	Mountain Ck	482875	8331553	120 Mapping	siltstone	Sherwin Ironstone Member	fold hinge	
11MK160	EL27143	Mountain Ck	482891	8331530	118 Mapping	siltstone	Sherwin Ironstone Member	fold hinge plunge	
11MK161	EL27143	Mountain Ck	482787	8331698	120 Mapping	shear zone	Sherwin Ironstone Member	SLT/shear in northern contact with anticlinal oolite	
11MK162	EL27143	Mountain Ck	482784	8331697	120 Mapping	shear zone	Sherwin Ironstone Member	SLT/shear in northern contact with anticlinal oolite	
11MK163	EL27143	Mountain Ck	482794	8331685	120 Mapping	oolite	Sherwin Ironstone Member	fold plunge in OO	
11MK164	EL27143	Mountain Ck	482881	8331599	116 Mapping	siltstone	Sherwin Ironstone Member	cross bedded siltstone-sandstone with Hem laminae	
11MK165	EL27143	Mountain Ck	482892	8331597	113 Mapping	siltstone	Sherwin Ironstone Member	cross bedded siltstone-sandstone with Hem laminae- prominent 2m thick bed	
11MK166	EL27143	Mountain Ck	482935	8331602	90 Mapping	sandstone	Sherwin Ironstone Member	hematite stained siltstone-sandstone	
11MK167	EL27143	Mountain Ck	482944	8331602	86 Mapping	sandstone	Moroak Sandstone Member	contact	
11MK168	EL27143	Mountain Ck	483004	8331267	102 Mapping	siltstone	Kyalla Member		
11MK169	EL27143	Mountain Ck	483010	8331269	103 Mapping	siltstone	Kyalla Member		
11MK170	EL27143	Mountain Ck	483025	8331268	107 Mapping	oolite	Sherwin Ironstone Member	3m thick oo band; some high grade; abundant qz	
11MK171	EL27143	Mountain Ck	483023	8331274	107 Mapping	siltstone	Kyalla Member	well developped ripple marks	
11MK172	EL27143	Mountain Ck	483035	8331279	107 Mapping	conglomerate	Sherwin Ironstone Member	Very prominent conglomerate unit; clasts from 1mm to 3cm; often Hem slt	
11MK173	EL27143	Mountain Ck	483022	8331312	108 Mapping	sandstone	Sherwin Ironstone Member	hinge of fold plunge	
11MK174	EL27143	Mountain Ck	483022	8331312	108 Mapping	sandstone	Sherwin Ironstone Member	well bedded with Hem laminae	
11MK175	EL27143	Mountain Ck	483027	8331286	108 Mapping	conglomerate	Sherwin Ironstone Member	hinge of fold plunge	
11MK179	EL27143	Mountain Ck	482897	8331513	118 Mapping	conglomerate	Sherwin Ironstone Member	hinge of fold plunge (ANTICLINAL)	
11MK180	EL27143	Mountain Ck	483160	8331131	96 Mapping	oolite	Sherwin Ironstone Member	fault 10-20cm thickness; 2m offset	
11Mk181	EL27143	Mountain Ck	483167	8331125	96 Mapping	oolite	Sherwin Ironstone Member	near drill peg	
11Mk182	EL27143	Mountain Ck	483140	8331143	98 Mapping	siltstone	Sherwin Ironstone Member	Eastern SIM; minor shearing	
11Mk183	EL27143	Mountain Ck	483141	8331144	98 Mapping	siltstone	Sherwin Ironstone Member	Minor shearing	
11MK184	EL27143	Mountain Ck	483143	8331141	98 Mapping	siltstone	Sherwin Ironstone Member	hinge of fold plunge	
11MK185	EL27143	Mountain Ck	483007	8331285	105 Mapping	oolite	Sherwin Ironstone Member		
11MK186	EL27143	Mountain Ck	483057	8331239	106 Mapping	conglomerate	Sherwin Ironstone Member	60cm band of conglomerate	
11MK187	EL27143	Mountain Ck	483070	8331224	105 Mapping	conglomerate	Sherwin Ironstone Member	hinge of fold plunge	
11MK188	EL27143	Mountain Ck	483066	8331233	105 Mapping	conglomerate	Sherwin Ironstone Member	other limb	
11MK189	EL27143	Mountain Ck	483382	8330894	76 Mapping	sandstone	Sherwin Ironstone Member	Light grey; cross bedding and HE lamination	

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11MK190	EL27143	Mountain Ck	483460	8330784	80 Mapping		oolite	Sherwin Ironstone Member	
11MK191	EL27143	Mountain Ck	483500	8330743	79 Mapping		oolite	Sherwin Ironstone Member	
11MK192	EL27143	Mountain Ck	483510	8330749	79 Mapping		sandstone	Sherwin Ironstone Member	He Lamination; Xbedding
11MK193	EL27143	Mountain Ck	483536	8330744	77 Mapping		siltstone ferruginous	Sherwin Ironstone Member	hematitic siltstone with minor shearing
11MK194	EL27143	Mountain Ck	483464	8330723	79 Mapping		sandstone	Sherwin Ironstone Member	
11MK195	EL27143	Mountain Ck	483675	8330532	73 Mapping		oolite ferruginous	Sherwin Ironstone Member	Contact
11MK196	EL27143	Mountain Ck	483604	8330583	71 Mapping		sandstone	Sherwin Ironstone Member	
11MK197	EL27143	Mountain Ck	483591	8330598	72 Mapping		siltstone	Sherwin Ironstone Member	minor shearing
11MK198	EL27143	Mountain Ck	482933	8331218	99 Mapping		siltstone	Sherwin Ironstone Member	almost flat; gently undulated
11MK199	EL27143	Mountain Ck	482935	8331232	101 Mapping		sandstone ferruginous	Sherwin Ironstone Member	
11MK200	EL27143	Mountain Ck	482937	8331239	103 Mapping		sandstone	Sherwin Ironstone Member	
11MK202	EL27143	Mountain Ck	484580	8330055	52 Mapping		oolite	Sherwin Ironstone Member	SIM is 10m thick, high grade central portion ~50cm thick; near MKRC015
11MK203	EL27143	Mountain Ck	484626	8330036	52 Mapping		oolite	Sherwin Ironstone Member	Coordinates for high grade SIM layer
11MK204	EL27143	Mountain Ck	484693	8330007	51 Mapping		oolite	Sherwin Ironstone Member	Coordinates for high grade SIM layer; red earthy hem with some crystalline hem matrix and liesegang textures
11MK205	EL27143	Mountain Ck	484254	8330215	63 Mapping		oolite	Sherwin Ironstone Member	High grade SIM is 20cm thick with banded SST/OO either side
11MK206	EL27143	Mountain Ck	484057	8330313	63 Mapping		oolite	Sherwin Ironstone Member	HG SIM band
11MK207	EL27143	Mountain Ck	484056	8330311	62 Mapping		oolite	Sherwin Ironstone Member	HG SIM band
11MK208	EL27143	Mountain Ck	484066	8330318	64 Mapping		oolite	Sherwin Ironstone Member	HG SIM band
11MK209	EL27143	Mountain Ck	484015	8330331	70 Mapping		oolite	Sherwin Ironstone Member	HG SIM band correlates with Location 11MK208 on west side of fault
11MK210	EL27143	Mountain Ck	484003	8330331	68 Mapping		oolite	Sherwin Ironstone Member	HG SIM band correlates with Location 11MK207 on west side of fault
11MK212	EL27143	Mountain Ck	483664	8330535	73 Mapping		sandy oolite	Sherwin Ironstone Member	1m thick sandy oolite; near drill hole MKRC018
11MK213	EL27143	Mountain Ck	483668	8330537	74 Mapping		sandy oolite	Sherwin Ironstone Member	Main oolite unit 1-2m thick; Total SIM ~10m thickness, SOO / OO
11MK214	EL27143	Mountain Ck	483558	8330735	76 Mapping		sandstone	Moroak Sandstone Member	Abundant crackle veins in clean white sandstone
11MK215	EL27143	Mountain Ck	483537	8330700	76 Mapping		sandy oolite	Sherwin Ironstone Member	1-2m thick band of sandy oolite
11MK216	EL27143	Mountain Ck	483414	8330690	81 Mapping		sandy oolite	Sherwin Ironstone Member	along cleared track from drill hole MKRC012
11MK217	EL27143	Mountain Ck	483430	8330655	81 Mapping		sandy oolite	Sherwin Ironstone Member	
11MK218	EL27143	Mountain Ck	483439	8330642	80 Mapping		sandy oolite	Sherwin Ironstone Member	
11MK219	EL27143	Mountain Ck	483278	8330599	81 Mapping		sandy oolite	Sherwin Ironstone Member	
11MK220	EL27143	Mountain Ck	483449	8330850	77 Mapping		sandstone	Moroak Sandstone Member	Moroak?
11MK221	EL27143	Mountain Ck	483385	8330879	79 Mapping		siltstone	Moroak Sandstone Member	well bedded, finely laminated with hem, SLT / SST
11MK222	EL27143	Mountain Ck	483488	8330750	79 Mapping		sandy oolite	Sherwin Ironstone Member	reasonable grade over 1m, liesegang textured, SOO/OO
11MK223	EL27143	Mountain Ck	483163	8331204	85 Mapping		sandstone	Sherwin Ironstone Member	crackle veined white sandstone; uncertain bedding measurement
11MK224	EL27143	Mountain Ck	483106	8331237	100 Mapping		sandstone	Sherwin Ironstone Member	SST/SLT
11MK225	EL27143	Mountain Ck	483095	8331226	103 Mapping		sandstone	Sherwin Ironstone Member	
11MK226	EL27143	Mountain Ck	483076	8331210	104 Mapping		sandstone	Sherwin Ironstone Member	
11MK227	EL27143	Mountain Ck	483075	8331209	104 Mapping		sandy oolite	Sherwin Ironstone Member	relatively high grade, minor detrital qtz in red & specular hem matrix; SIM is 6-7m thick high grade bit 2-3m thick, SOO/OO
11MK228	EL27143	Mountain Ck	483060	8331219	104 Mapping		siltstone	Kyalla Member	finely laminated siltstone (KYM?), possibly sheared over 6m width approx 4m offset
11MK229	EL27143	Mountain Ck	483063	8331174	97 Mapping		sandstone	Kyalla Member	SST band in SLT/SST
11MK230	EL27143	Mountain Ck	483026	8331154	97 Mapping		siltstone	Kyalla Member	finely laminated, partly ferruginous
11MK231	EL27143	Mountain Ck	483012	8331144	100 Mapping		sandy oolite	Sherwin Ironstone Member	flat dipping SIM and spotted SST at top of hill
11MK232	EL27143	Mountain Ck	482929	8331482	116 Mapping		oolite ferruginous	Sherwin Ironstone Member	
11MK233	EL27143	Mountain Ck	482890	8331491	117 Mapping		sandstone	Sherwin Ironstone Member	
11MK234	EL27143	Mountain Ck	482888	8331493	117 Mapping		sandstone	Sherwin Ironstone Member	
11MK235	EL27143	Mountain Ck	482887	8331496	117 Mapping		siltstone	Sherwin Ironstone Member	
11MK236	EL27143	Mountain Ck	482885	8331503	118 Mapping		siltstone	Sherwin Ironstone Member	
11MK237	EL27143	Mountain Ck	482887	8331487	117 Mapping		siltstone	Sherwin Ironstone Member	
11MK239	EL27143	Mountain Ck	482884	8331488	117 Mapping		siltstone ferruginous	Sherwin Ironstone Member	
11MK240	EL27143	Mountain Ck	482877	8331487	116 Mapping		sandstone	Sherwin Ironstone Member	

Station	EL Number	Prospect	GDA94 Zone 53 (metres)		RL (asl)	Sample Type	Lithology	Mapped Formation	Comments
			Easting	Northing					
11MK241	EL27143	Mountain Ck	482887	8331488	117 Mapping		siltstone	Sherwin Ironstone Member	
11MK242	EL27143	Mountain Ck	482883	8331489	117 Mapping		siltstone	Sherwin Ironstone Member	
11MK301	EL27143	Mountain Ck	482938	8331388	111 Mapping		oolite	Sherwin Ironstone Member	Contact SIM/Shear
11MK302	EL27143	Mountain Ck	482935	8331400	112 Mapping		oolite	Sherwin Ironstone Member	Contact SIM/Shear
11MK303	EL27143	Mountain Ck	482929	8331412	113 Mapping		oolite	Sherwin Ironstone Member	Contact SIM/Shear
11MK304	EL27143	Mountain Ck	482924	8331419	113 Mapping		oolite	Sherwin Ironstone Member	Contact SIM/Shear
11MK305	EL27143	Mountain Ck	482917	8331427	113 Mapping		oolite	Sherwin Ironstone Member	Contact SIM/Shear
11MK306	EL27143	Mountain Ck	482911	8331439	114 Mapping		oolite	Sherwin Ironstone Member	Contact SIM/Shear
11MK307	EL27143	Mountain Ck	482907	8331447	114 Mapping		oolite	Sherwin Ironstone Member	Contact SIM/Shear
11MK308	EL27143	Mountain Ck	482902	8331455	115 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK309	EL27143	Mountain Ck	482892	8331483	117 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK310	EL27143	Mountain Ck	482882	8331497	117 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK311	EL27143	Mountain Ck	482876	8331510	118 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK312	EL27143	Mountain Ck	482872	8331518	118 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK313	EL27143	Mountain Ck	482865	8331533	119 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK314	EL27143	Mountain Ck	482858	8331545	119 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK315	EL27143	Mountain Ck	482850	8331563	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK316	EL27143	Mountain Ck	482841	8331584	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK317	EL27143	Mountain Ck	482832	8331597	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK318	EL27143	Mountain Ck	482799	8331663	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK319	EL27143	Mountain Ck	482795	8331676	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK320	EL27143	Mountain Ck	482785	8331694	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK321	EL27143	Mountain Ck	482799	8331707	120 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK322	EL27143	Mountain Ck	482797	8331721	120 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK323	EL27143	Mountain Ck	482792	8331738	120 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK324	EL27143	Mountain Ck	482782	8331762	120 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK325	EL27143	Mountain Ck	482778	8331775	119 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK326	EL27143	Mountain Ck	482770	8331796	119 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK327	EL27143	Mountain Ck	482764	8331815	119 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK328	EL27143	Mountain Ck	482760	8331828	120 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK329	EL27143	Mountain Ck	482752	8331843	120 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK330	EL27143	Mountain Ck	482750	8331847	120 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK331	EL27143	Mountain Ck	482742	8331864	121 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK333	EL27143	Mountain Ck	482738	8331878	121 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK334	EL27143	Mountain Ck	482730	8331901	122 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK335	EL27143	Mountain Ck	482727	8331909	122 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK336	EL27143	Mountain Ck	482722	8331937	123 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK337	EL27143	Mountain Ck	482735	8331901	122 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK338	EL27143	Mountain Ck	482739	8331885	122 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK339	EL27143	Mountain Ck	482745	8331867	121 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK340	EL27143	Mountain Ck	482755	8331841	120 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK341	EL27143	Mountain Ck	482766	8331810	120 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK342	EL27143	Mountain Ck	482771	8331797	119 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK343	EL27143	Mountain Ck	482777	8331781	119 Mapping		oolite	Sherwin Ironstone Member	Northern contact OO/Shear
11MK344	EL27143	Mountain Ck	482742	8331772	119 Mapping		oolite	Sherwin Ironstone Member	Fold Axis
11MK345	EL27143	Mountain Ck	482746	8331762	119 Mapping		oolite	Sherwin Ironstone Member	Fold Axis
11MK346	EL27143	Mountain Ck	482755	8331745	119 Mapping		oolite	Sherwin Ironstone Member	Fold Axis
11MK347	EL27143	Mountain Ck	482764	8331737	120 Mapping		oolite	Sherwin Ironstone Member	Fold Axis
11MK348	EL27143	Mountain Ck	482776	8331725	120 Mapping		oolite	Sherwin Ironstone Member	Fold Axis
11MK349	EL27143	Mountain Ck	482781	8331768	119 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK350	EL27143	Mountain Ck	482792	8331740	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK351	EL27143	Mountain Ck	482804	8331705	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK352	EL27143	Mountain Ck	482817	8331685	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK353	EL27143	Mountain Ck	482818	8331675	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK354	EL27143	Mountain Ck	482829	8331657	119 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK355	EL27143	Mountain Ck	482832	8331652	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear

Station	EL Number	Prospect	GDA94 Zone 53 (metres)		RL (asl)	Sample Type	Lithology	Mapped Formation	Comments
			Easting	Northing					
11MK356	EL27143	Mountain Ck	482844	8331629	119 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK357	EL27143	Mountain Ck	482849	8331617	119 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK358	EL27143	Mountain Ck	482864	8331588	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK359	EL27143	Mountain Ck	482874	8331565	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK360	EL27143	Mountain Ck	482873	8331552	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK361	EL27143	Mountain Ck	482854	8331578	121 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK362	EL27143	Mountain Ck	482842	8331593	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK363	EL27143	Mountain Ck	482813	8331690	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK364	EL27143	Mountain Ck	482829	8331656	119 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK365	EL27143	Mountain Ck	482845	8331619	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK366	EL27143	Mountain Ck	482861	8331590	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO/Shear
11MK368	EL27143	Mountain Ck	482994	8331292	104 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK369	EL27143	Mountain Ck	482991	8331297	104 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK370	EL27143	Mountain Ck	482987	8331305	105 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK371	EL27143	Mountain Ck	482985	8331309	107 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK372	EL27143	Mountain Ck	482980	8331316	106 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK373	EL27143	Mountain Ck	482979	8331319	108 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK374	EL27143	Mountain Ck	482973	8331327	107 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK375	EL27143	Mountain Ck	482969	8331332	107 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK376	EL27143	Mountain Ck	482965	8331345	109 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK377	EL27143	Mountain Ck	482957	8331355	109 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK378	EL27143	Mountain Ck	482950	8331370	110 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK379	EL27143	Mountain Ck	482947	8331374	110 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK380	EL27143	Mountain Ck	482945	8331380	111 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK381	EL27143	Mountain Ck	482941	8331387	111 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK382	EL27143	Mountain Ck	482937	8331396	111 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK383	EL27143	Mountain Ck	482933	8331407	113 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK384	EL27143	Mountain Ck	482931	8331410	113 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK385	EL27143	Mountain Ck	482928	8331412	113 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK386	EL27143	Mountain Ck	482927	8331414	113 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK387	EL27143	Mountain Ck	482925	8331414	113 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK388	EL27143	Mountain Ck	482925	8331420	113 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK389	EL27143	Mountain Ck	482920	8331429	114 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK390	EL27143	Mountain Ck	482913	8331438	114 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK391	EL27143	Mountain Ck	482908	8331450	115 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK392	EL27143	Mountain Ck	482907	8331456	115 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK393	EL27143	Mountain Ck	482903	8331462	115 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK394	EL27143	Mountain Ck	482888	8331485	117 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK395	EL27143	Mountain Ck	482881	8331501	117 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK396	EL27143	Mountain Ck	482873	8331520	118 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK397	EL27143	Mountain Ck	482869	8331525	118 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK398	EL27143	Mountain Ck	482863	8331536	119 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK399	EL27143	Mountain Ck	482859	8331543	119 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK400	EL27143	Mountain Ck	482856	8331554	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK401	EL27143	Mountain Ck	482851	8331564	120 Mapping		oolite	Sherwin Ironstone Member	Contact OO (southern)
11MK402	EL27143	Mountain Ck	482869	8331535	119 Mapping		oolite	Sherwin Ironstone Member	Thickness SIM 1-2m
11MK403	EL27143	Mountain Ck	483345	8330928	80 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK404	EL27143	Mountain Ck	483332	8330942	80 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK405	EL27143	Mountain Ck	483320	8330959	82 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK406	EL27143	Mountain Ck	483316	8330966	82 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK407	EL27143	Mountain Ck	483309	8330977	82 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK408	EL27143	Mountain Ck	483300	8330990	83 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK409	EL27143	Mountain Ck	483278	8331021	84 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK410	EL27143	Mountain Ck	483274	8331026	85 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK411	EL27143	Mountain Ck	483266	8331026	85 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK412	EL27143	Mountain Ck	483253	8331039	86 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)

Station	EL Number	Prospect	GDA94 Zone 53 (metres)		RL (asl)	Sample Type	Lithology	Mapped Formation	Comments
			Easting	Northing					
11MK413	EL27143	Mountain Ck	483243	8331051	87 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK414	EL27143	Mountain Ck	483233	8331059	88 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK415	EL27143	Mountain Ck	483224	8331067	89 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK416	EL27143	Mountain Ck	483220	8331075	90 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK417	EL27143	Mountain Ck	483212	8331081	91 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK418	EL27143	Mountain Ck	483199	8331092	92 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK419	EL27143	Mountain Ck	483188	8331103	94 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK420	EL27143	Mountain Ck	483176	8331117	95 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK421	EL27143	Mountain Ck	483168	8331127	96 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK422	EL27143	Mountain Ck	483162	8331131	96 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK423	EL27143	Mountain Ck	483156	8331132	97 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK424	EL27143	Mountain Ck	483145	8331141	98 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK425	EL27143	Mountain Ck	483138	8331146	98 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK426	EL27143	Mountain Ck	483129	8331153	100 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK427	EL27143	Mountain Ck	483119	8331164	100 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK428	EL27143	Mountain Ck	483106	8331173	101 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK429	EL27143	Mountain Ck	483093	8331183	102 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK430	EL27143	Mountain Ck	483084	8331194	102 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK431	EL27143	Mountain Ck	483070	8331209	103 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK432	EL27143	Mountain Ck	483063	8331218	104 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK433	EL27143	Mountain Ck	483055	8331224	104 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK434	EL27143	Mountain Ck	483047	8331233	104 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK435	EL27143	Mountain Ck	483035	8331250	105 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK436	EL27143	Mountain Ck	483029	8331256	105 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK437	EL27143	Mountain Ck	483018	8331269	106 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK438	EL27143	Mountain Ck	483006	8331285	105 Mapping		oolite	Sherwin Ironstone Member	Contact OO (northern)
11MK439	EL27143	Mountain Ck	483019	8331288	108 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK440	EL27143	Mountain Ck	483024	8331282	108 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK441	EL27143	Mountain Ck	483026	8331281	108 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK442	EL27143	Mountain Ck	483026	8331282	108 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK443	EL27143	Mountain Ck	483031	8331277	107 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK444	EL27143	Mountain Ck	483035	8331270	107 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK445	EL27143	Mountain Ck	483041	8331261	107 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK446	EL27143	Mountain Ck	483045	8331257	106 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK447	EL27143	Mountain Ck	483051	8331247	106 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK448	EL27143	Mountain Ck	483059	8331234	105 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK449	EL27143	Mountain Ck	483068	8331226	105 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK450	EL27143	Mountain Ck	483060	8331238	106 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK451	EL27143	Mountain Ck	483053	8331249	106 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK452	EL27143	Mountain Ck	483048	8331254	106 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK453	EL27143	Mountain Ck	483047	8331258	106 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK454	EL27143	Mountain Ck	483052	8331256	106 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK455	EL27143	Mountain Ck	483052	8331257	106 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK456	EL27143	Mountain Ck	483050	8331257	106 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK457	EL27143	Mountain Ck	483047	8331260	106 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK458	EL27143	Mountain Ck	483057	8331252	106 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK459	EL27143	Mountain Ck	483064	8331246	105 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK460	EL27143	Mountain Ck	483070	8331241	105 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK461	EL27143	Mountain Ck	483078	8331231	104 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK462	EL27143	Mountain Ck	483087	8331222	104 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK463	EL27143	Mountain Ck	483098	8331214	103 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK464	EL27143	Mountain Ck	483106	8331208	102 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK465	EL27143	Mountain Ck	483116	8331198	101 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK466	EL27143	Mountain Ck	483127	8331183	101 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK467	EL27143	Mountain Ck	483137	8331175	100 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK468	EL27143	Mountain Ck	483145	8331165	100 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon

Station	EL Number	Prospect	GDA94 Zone 53 (metres)		RL (asl)	Sample Type	Lithology	Mapped Formation	Comments
			Easting	Northing					
11MK584	EL27143	Mountain Ck	483018	8331301	108 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK585	EL27143	Mountain Ck	483013	8331308	109 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK586	EL27143	Mountain Ck	483008	8331313	109 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK587	EL27143	Mountain Ck	483005	8331314	110 Mapping		conglomerate	Moroak Sandstone Member	conglomerate marker horizon
11MK588	EL27143	Mountain Ck	483444	8330801	80 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK589	EL27143	Mountain Ck	483454	8330792	80 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK590	EL27143	Mountain Ck	483465	8330779	80 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK591	EL27143	Mountain Ck	483474	8330768	80 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK592	EL27143	Mountain Ck	483485	8330760	79 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK593	EL27143	Mountain Ck	483496	8330748	79 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK595	EL27143	Mountain Ck	483496	8330747	79 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK596	EL27143	Mountain Ck	483493	8330753	79 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK597	EL27143	Mountain Ck	483486	8330762	79 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK598	EL27143	Mountain Ck	483484	8330765	80 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK599	EL27143	Mountain Ck	483469	8330778	80 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK600	EL27143	Mountain Ck	483455	8330793	80 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK601	EL27143	Mountain Ck	483443	8330806	80 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK602	EL27143	Mountain Ck	483432	8330821	80 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK603	EL27143	Mountain Ck	483420	8330830	80 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK604	EL27143	Mountain Ck	483403	8330855	80 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK605	EL27143	Mountain Ck	483392	8330871	80 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK606	EL27143	Mountain Ck	483394	8330865	80 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK607	EL27143	Mountain Ck	483415	8330831	80 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK608	EL27143	Mountain Ck	483425	8330823	80 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK609	EL27143	Mountain Ck	483436	8330812	80 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK610	EL27143	Mountain Ck	483441	8330805	80 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK611	EL27143	Mountain Ck	483499	8330770	79 Mapping		oolite	Sherwin Ironstone Member	OO (low grade and 1m thick)
11MK612	EL27143	Mountain Ck	483509	8330759	79 Mapping		oolite	Sherwin Ironstone Member	OO (low grade and 1m thick)
11MK613	EL27143	Mountain Ck	483518	8330748	78 Mapping		oolite	Sherwin Ironstone Member	OO (low grade and 1m thick)
11MK614	EL27143	Mountain Ck	483526	8330740	78 Mapping		oolite	Sherwin Ironstone Member	OO (low grade and 1m thick)
11MK615	EL27143	Mountain Ck	483535	8330727	77 Mapping		oolite	Sherwin Ironstone Member	OO (low grade and 1m thick)
11MK616	EL27143	Mountain Ck	483676	8330527	72 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK617	EL27143	Mountain Ck	483675	8330530	73 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK619	EL27143	Mountain Ck	483668	8330540	75 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK621	EL27143	Mountain Ck	483648	8330561	75 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK622	EL27143	Mountain Ck	483635	8330577	74 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK623	EL27143	Mountain Ck	483621	8330587	72 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK624	EL27143	Mountain Ck	483616	8330592	71 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK625	EL27143	Mountain Ck	483624	8330584	73 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK626	EL27143	Mountain Ck	483630	8330578	73 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK627	EL27143	Mountain Ck	483632	8330577	72 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK628	EL27143	Mountain Ck	483639	8330572	75 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK629	EL27143	Mountain Ck	483654	8330556	75 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK630	EL27143	Mountain Ck	483671	8330538	75 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK631	EL27143	Mountain Ck	483680	8330531	74 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK632	EL27143	Mountain Ck	483685	8330528	75 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK633	EL27143	Mountain Ck	483686	8330527	74 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK634	EL27143	Mountain Ck	483699	8330519	76 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK635	EL27143	Mountain Ck	483726	8330502	78 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK636	EL27143	Mountain Ck	483735	8330492	78 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK637	EL27143	Mountain Ck	483739	8330486	77 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK638	EL27143	Mountain Ck	483746	8330477	76 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK639	EL27143	Mountain Ck	483771	8330455	75 Mapping		oolite	Sherwin Ironstone Member	OO (north side)
11MK640	EL27143	Mountain Ck	483769	8330451	74 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK641	EL27143	Mountain Ck	483765	8330454	74 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK642	EL27143	Mountain Ck	483760	8330457	73 Mapping		oolite	Sherwin Ironstone Member	OO (south side)

Station	EL Number	Prospect	GDA94 Zone 53 (metres)		RL (asl)	Sample Type	Lithology	Mapped Formation	Comments
			Easting	Northing					
11MK643	EL27143	Mountain Ck	483751	8330465	73 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK644	EL27143	Mountain Ck	483736	8330479	75 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK645	EL27143	Mountain Ck	483728	8330485	76 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK646	EL27143	Mountain Ck	483711	8330501	75 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK647	EL27143	Mountain Ck	483695	8330516	74 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK648	EL27143	Mountain Ck	483689	8330522	74 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK649	EL27143	Mountain Ck	483677	8330529	73 Mapping		oolite	Sherwin Ironstone Member	OO (south side)
11MK650	EL27143	Mountain Ck	482460	8332469	114 Mapping		oolite	Sherwin Ironstone Member	OO Low layer
11MK651	EL27143	Mountain Ck	482455	8332484	113 Mapping		oolite	Sherwin Ironstone Member	OO Low layer
11MK652	EL27143	Mountain Ck	482448	8332495	113 Mapping		oolite	Sherwin Ironstone Member	OO Low layer
11MK653	EL27143	Mountain Ck	482446	8332502	111 Mapping		oolite	Sherwin Ironstone Member	OO Low layer
11MK654	EL27143	Mountain Ck	482437	8332515	109 Mapping		oolite	Sherwin Ironstone Member	OO Low layer
11MK655	EL27143	Mountain Ck	482431	8332528	108 Mapping		oolite	Sherwin Ironstone Member	OO Low layer
11MK656	EL27143	Mountain Ck	482426	8332541	107 Mapping		oolite	Sherwin Ironstone Member	OO Low layer
11MK657	EL27143	Mountain Ck	482420	8332560	107 Mapping		oolite	Sherwin Ironstone Member	OO Low layer
11MK658	EL27143	Mountain Ck	482407	8332587	102 Mapping		oolite	Sherwin Ironstone Member	OO Low layer
11MK659	EL27143	Mountain Ck	482399	8332605	101 Mapping		oolite	Sherwin Ironstone Member	OO Low layer
11MK660	EL27143	Mountain Ck	482391	8332619	97 Mapping		oolite	Sherwin Ironstone Member	OO Low layer
11MK661	EL27143	Mountain Ck	482388	8332642	93 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK662	EL27143	Mountain Ck	482389	8332634	94 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK663	EL27143	Mountain Ck	482392	8332630	95 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK664	EL27143	Mountain Ck	482393	8332619	98 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK665	EL27143	Mountain Ck	482395	8332615	99 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK666	EL27143	Mountain Ck	482402	8332605	101 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK667	EL27143	Mountain Ck	482406	8332595	103 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK668	EL27143	Mountain Ck	482411	8332583	104 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK669	EL27143	Mountain Ck	482415	8332576	106 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK670	EL27143	Mountain Ck	482420	8332568	108 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK671	EL27143	Mountain Ck	482422	8332559	107 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK672	EL27143	Mountain Ck	482427	8332548	108 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK673	EL27143	Mountain Ck	482430	8332541	110 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK674	EL27143	Mountain Ck	482435	8332531	111 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK675	EL27143	Mountain Ck	482441	8332522	112 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK676	EL27143	Mountain Ck	482449	8332504	113 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK677	EL27143	Mountain Ck	482454	8332492	114 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK678	EL27143	Mountain Ck	482457	8332490	114 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK679	EL27143	Mountain Ck	482459	8332483	115 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK680	EL27143	Mountain Ck	482469	8332470	115 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK681	EL27143	Mountain Ck	482480	8332449	115 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK682	EL27143	Mountain Ck	482486	8332436	116 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK683	EL27143	Mountain Ck	482499	8332420	116 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK684	EL27143	Mountain Ck	482507	8332409	116 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK685	EL27143	Mountain Ck	482515	8332399	116 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK686	EL27143	Mountain Ck	482524	8332383	116 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK687	EL27143	Mountain Ck	482534	8332370	116 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK688	EL27143	Mountain Ck	482550	8332348	116 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK689	EL27143	Mountain Ck	482555	8332340	116 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK690	EL27143	Mountain Ck	482564	8332323	116 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK691	EL27143	Mountain Ck	482572	8332305	117 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK692	EL27143	Mountain Ck	482580	8332290	117 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK693	EL27143	Mountain Ck	482593	8332272	116 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK694	EL27143	Mountain Ck	482602	8332258	116 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK695	EL27143	Mountain Ck	482606	8332251	116 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK696	EL27143	Mountain Ck	482610	8332242	116 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK697	EL27143	Mountain Ck	482615	8332232	116 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer
11MK698	EL27143	Mountain Ck	482617	8332227	116 Mapping		oolite	Sherwin Ironstone Member	OO Upper layer

Station	EL Number	Prospect	GDA94 Zone 53 (metres)		RL (asl)	Sample Type	Lithology	Mapped Formation	Comments
			Easting	Northing					
11MK699	EL27143	Mountain Ck	482620	8332221	115 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK700	EL27143	Mountain Ck	482622	8332214	115 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK701	EL27143	Mountain Ck	482629	8332197	113 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK702	EL27143	Mountain Ck	482640	8332176	111 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK703	EL27143	Mountain Ck	482646	8332174	110 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK704	EL27143	Mountain Ck	482660	8332166	105 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK705	EL27143	Mountain Ck	482667	8332158	103 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK707	EL27143	Mountain Ck	482669	8332155	101 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK708	EL27143	Mountain Ck	482679	8332146	105 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK709	EL27143	Mountain Ck	482685	8332133	108 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK711	EL27143	Mountain Ck	482688	8332128	109 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK712	EL27143	Mountain Ck	482691	8332119	112 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK713	EL27143	Mountain Ck	482693	8332111	114 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK714	EL27143	Mountain Ck	482694	8332109	114 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK715	EL27143	Mountain Ck	482696	8332096	116 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK716	EL27143	Mountain Ck	482696	8332083	118 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK717	EL27143	Mountain Ck	482697	8332080	118 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK718	EL27143	Mountain Ck	482684	8332103	115 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK719	EL27143	Mountain Ck	482684	8332100	116 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK720	EL27143	Mountain Ck	482685	8332092	117 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK721	EL27143	Mountain Ck	482686	8332086	117 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK722	EL27143	Mountain Ck	482689	8332077	118 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK723	EL27143	Mountain Ck	482691	8332060	119 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK724	EL27143	Mountain Ck	482694	8332055	120 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK725	EL27143	Mountain Ck	482695	8332054	120 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK726	EL27143	Mountain Ck	482697	8332046	120 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK727	EL27143	Mountain Ck	482700	8332027	121 Mapping	oolite	Sherwin Ironstone Member	OO Upper layer	
11MK801	EL27143	Mountain Ck	482945	8331253	106 Mapping	siltstone	Sherwin Ironstone Member		
11MK802	EL27143	Mountain Ck	482972	8331257	101 Mapping	siltstone	Sherwin Ironstone Member		
11MK803	EL27143	Mountain Ck	482972	8331257	101 Mapping	siltstone	Sherwin Ironstone Member		
11MK804	EL27143	Mountain Ck	482995	8331263	100 Mapping	siltstone	Sherwin Ironstone Member		
11MK805	EL27143	Mountain Ck	482995	8331263	100 Mapping	siltstone	Sherwin Ironstone Member		
11MK806	EL27143	Mountain Ck	483000	8331262	100 Mapping	siltstone	Sherwin Ironstone Member		
11MK807	EL27143	Mountain Ck	483004	8331274	103 Mapping	siltstone	Sherwin Ironstone Member		
11MK808	EL27143	Mountain Ck	483025	8331276	107 Mapping	siltstone	Moroak Sandstone Member		
11MK809	EL27143	Mountain Ck	483050	8331294	105 Mapping	siltstone	Moroak Sandstone Member		
11MK810	EL27143	Mountain Ck	483063	8331321	99 Mapping	siltstone	Moroak Sandstone Member		
11MK811	EL27143	Mountain Ck	482806	8331454	111 Mapping	siltstone	Moroak Sandstone Member	Xbed. Lam.; MGS	
11MK812	EL27143	Mountain Ck	482818	8331436	112 Mapping	siltstone	Moroak Sandstone Member	Xbed. Lam.; MGS	
11MK813	EL27143	Mountain Ck	482829	8331466	115 Mapping	siltstone	Moroak Sandstone Member	Xbed. Lam.; MGS	
11MK814	EL27143	Mountain Ck	482832	8331467	115 Mapping	siltstone	Moroak Sandstone Member	Slick'N'side fiber	
11MK815	EL27143	Mountain Ck	482834	8331467	116 Mapping	siltstone	Moroak Sandstone Member	Slick'N'side fiber	
11MK816	EL27143	Mountain Ck	482838	8331465	116 Mapping	siltstone	Sherwin Ironstone Member	Shear zone	
11MK817	EL27143	Mountain Ck	482841	8331467	116 Mapping	siltstone	Sherwin Ironstone Member	Shear zone	
11MK818	EL27143	Mountain Ck	482876	8331472	115 Mapping	siltstone	Sherwin Ironstone Member	Shear zone	
11MK819	EL27143	Mountain Ck	482884	8331480	116 Mapping	siltstone	Sherwin Ironstone Member	Xbed. Lam.; Hem lamin	
11MK820	EL27143	Mountain Ck	482895	8331480	117 Mapping	oolite	Sherwin Ironstone Member	North edge	
11MK821	EL27143	Mountain Ck	482900	8331480	117 Mapping	siltstone	Sherwin Ironstone Member	He lamin.; Xbed lam.	
11MK822	EL27143	Mountain Ck	482932	8331503	114 Mapping	siltstone	Sherwin Ironstone Member	He lamin.; Xbed lam.	
11MK823	EL27143	Mountain Ck	482953	8331503	107 Mapping	siltstone	Sherwin Ironstone Member	He lamin.; Xbed lam.	
11MK824	EL27143	Mountain Ck	482914	8331487	116 Mapping	siltstone	Moroak Sandstone Member		
11MK825	EL27143	Mountain Ck	482919	8331487	116 Mapping	siltstone	Moroak Sandstone Member		
11MK826	EL27143	Mountain Ck	482925	8331492	116 Mapping	siltstone	Moroak Sandstone Member		
11MK827	EL27143	Mountain Ck	482921	8331491	116 Mapping	siltstone	Moroak Sandstone Member		
11MK828	EL27143	Mountain Ck	482923	8331481	116 Mapping	siltstone	Moroak Sandstone Member		
11MK829	EL27143	Mountain Ck	482925	8331482	116 Mapping	siltstone	Moroak Sandstone Member		

Station	EL Number	Prospect	GDA94 Zone 53 (metres)		RL (asl)	Sample Type	Lithology	Mapped Formation	Comments
			Easting	Northing					
11MK830	EL27143	Mountain Ck	482940	8331480	114 Mapping		conglomerate	Moroak Sandstone Member	
11MK831	EL27143	Mountain Ck	482930	8331480	116 Mapping		conglomerate	Moroak Sandstone Member	
11MK901	EL27143	Mountain Ck	485247	8329696	44 Mapping		sandstone	Sherwin Ironstone Member	upright SST and iron siltstone beds; vague XBED indicate younging to SW; overturned bedding
11MK902	EL27143	Mountain Ck	484812	8329963	48 Mapping		sandstone	Sherwin Ironstone Member	SST beds overlying FEST and OO; 1 m thick quartz veining
11MK903	EL27143	Mountain Ck	483612	8330613	72 Mapping		sandstone	Moroak Sandstone Member	small scale upright asymmetrical recumbent fold of thin sandstone bed within siltstone; parallel limbs
11MK904	EL27143	Mountain Ck	483482	8330619	76 Mapping		sandstone	Moroak Sandstone Member	
11MK905	EL27143	Mountain Ck	483421	8330770	81 Mapping		ferricrete	Sherwin Ironstone Member	suspected structure which runs parallel to escarpment and strike of bedding; position on the road
11MK906	EL27143	Mountain Ck	483454	8330807	80 Mapping		sandstone	Moroak Sandstone Member	folded units
11MK907	EL27143	Mountain Ck	483461	8330820	79 Mapping		sandstone	Moroak Sandstone Member	
11MK908	EL27143	Mountain Ck	483477	8330839	71 Mapping		sandstone	Vizard Formation	pebbly granule stone
11MK909	EL27143	Mountain Ck	483407	8330879	76 Mapping		siltstone	Kyalla Member	major upright asymmetrical recumbent folding; 4 x 5 m section of outcrop; type section
11MK910	EL27143	Mountain Ck	483396	8330874	79 Mapping		sandstone	Kyalla Member	outcrop of thin bed of sandstone in fold nose
11MK911	EL27143	Mountain Ck	482979	8331531	89 Mapping		sandstone	Vizard Formation	possibly older rocks than Moroak SST
11MK912	EL27143	Mountain Ck	482738	8331711	118 Mapping		siltstone	Kyalla Member	