

Appendix 1. Summary of outcrops and drill cores studied, sampled and interpreted in this study. The UTM coordinates use the GDA94 datum, MGA Zone 53. AFMEX = AFMECO Mining and Exploration PTY LTD.

Location	Type	Formation(s)	Coordinates (UTM)
King River 1	Outcrop	Mamadewerre	53L 308547 E, 8689522 N
King River 2	Outcrop	Mamadewerre	53L 307714 E, 8691975 N
King River 3	Outcrop	Mamadewerre	53L 307139 E, 8687147 N
King River KR-Dol	Outcrop	Mamadewerre, Oenpelli	53L 309020 E, 8684190 N
King River KR-UC	Outcrop	Mamadewerre, Nourlangie Schist	53L 309940 E, 8683900 N
King River KR-San	Outcrop	Mamadewerre	53L 305954 E, 8692553 N
KRD-406, King River, Cameco (300m)	Core	Gneiss, Mamadewerre, Oenpelli	53L 304213 E, 8692244 N
KRD-409, King River, Cameco	Core	Granite, Mamadewerre, Oenpelli	53L 305060 E, 8687870 N
DDH-395, King River, PNC (304m)	Core	Mamadewerre, Oenpelli	53 L 304920 E, 8692720 N
KRD-0658, King River, Cameco, 1 km SE 404	Core	Garnet gneiss, Mamadewerre	53L 304720 E, 8692943 N
KRD-1157, King River, Cameco (436m), 1km W 409	Core	Mamadewerre	53L 303740 E, 8688135 N
Kun-07, Birraduk (210m)	Core	Schist, Mamadewerre	53L 303863 E, 8629028 N
Kun-04, Birraduk (450 m)	Core	Schist, Mamadewerre	53L 299861 E, 8629698 N
BBD-1, Beatrice Inlier, near Ranger Fault (190m)	Core	Tin Camp Granite, Mamadewerre	53L 319501 E, 8606963 N
KLD-21, Kukaluk, Myra (390m)	Core	Nimbuwah Granite, Mamadewerre, Oenpelli	53L 341599 E, 8605733 N
NEM-001, Near (south) Nabarlek area, AFMEX, Myra (300m)	Core	Mamadewerre, gneiss	53L 322811 E, 8623603 N
TCD-3002, Near Ranger Mine, E-SE of Myra high) AFMEX, Myra (401m)	Core	Mamadewerre, schist	53L 291301 E, 8608346 N
KPE-01, south of Myra high, southernmost of Myra cores, Beatrice Inlier, Myra (308m)	Core	Granite, Mamadewerre	53L 326814 E, 8596997 N
DAD-008, Cameco (1128 m)	Core	Schist, Mamadewerre, Nungbalgarri, Oenpelli, Gumarrirrbang, Gilruth, Marlgowa	53L 293179 E, 8517626 N
DAD-007, Cameco (1009m)	Core	Mamadewerre, Nungbalgarri, Oenpelli, Gumarrirrbang, Gilruth, Marlgowa, McKay	53L 307857 E, 8472528 N
DAD-006, DAW-006	Core	Mamadewerre,	53L 324141 E, 8501555 N

(extension) Cameco (1436m)		Nungbalgarri, Oenpelli, Gumarrirbang, Gilruth, Marlgowa, McKay	
DAD-005, Cameco (30m) Flying Ghost area	Core	Gumarrirbang, Gilruth, Marlgowa	53L 318247 E, 8530119 N
DAD-004, Cameco Flying Ghost area (83m)	Core	Gumarrirbang, Gilruth, Marlgowa	53L 318203 E, 8529944 N
DAD-002, Cameco (794m)	Core	Mamadewerre, Nungbalgarri, Gumarrirbang	53L 318092 E, 8530051 N
Ju-39, Near Ranger Mine	Core	Mamadewerre	53L 273752 E, 8596979 N
GT-99, Near Jabiluka deposit	Core	Mamadewerre	53L 272205 E, 8616985 N
ERR-01 (280m), Myra	Core	Mamadewerre	53L 289095 E, 8612714 N
N-147, Nabarlek (165m)	Core	Mamadewerre	53L 271471 E, 8616989 N
CA-30, Caramal (50m)	Core	Mamadewerre	53L 321434 E, 8617806 N
SMLB-2, Nabarlek (234m)	Core	Mamadewerre	53L 315513 E, 8640546 N
SHW-4, South Horn (170m)	Core	Mamadewerre	53L 319510 E, 8613214 N
KPE-01, south of Myra high, southernmost of Myra cores, Beatrice Inlier, Myra (308m)	Core	Mamadewerre	53L 326814 E, 8596997 N
Flying Ghost	Outcrop	Gumarrirbang	53L 318335 E, 8529680 N
Writer	Outcrop	McKay	53L 304552 E, 8489763 N
Katherine River Stop 1	Outcrop	Marlgowa	53L 307652 E, 8493039 N
McKay-1	Outcrop	McKay	53L 307183 E, 8490560 N
McKay-2	Outcrop	McKay	53L 306600 E, 8485644 N
McKay-3	Outcrop	McKay	53L 303985 E, 8484352 N
McKay-4	Outcrop	McKay	53L 307700 E, 8481900 N
Nourlangie Rock	Outcrop	Mamadewerre	53L 262613 E, 8577161 N
Nawurlandja Lookout	Outcrop	Mamadewerre	53L 260459 E, 8577257 N
Nanguluwur	Outcrop	Mamadewerre	53L 263158 E, 8579094 N
Nabar 1, Nabarlek	Outcrop	Mamadewerre	53L 317614 E, 8639173 N
BIR-1, Birraduk	Outcrop	Mamadewerre	53L 300683 E, 8632045 N
BIR-2, Birraduk	Outcrop	Mamadewerre	53L 301208 E, 8632392 N
BIR-3, Birraduk	Outcrop	Mamadewerre	53L 295703 E, 8626534 N
BIR-4, Birraduk	Outcrop	Mamadewerre	53L 295771 E, 8625912 N
BIR-5, Birraduk	Outcrop	Mamadewerre	53L 306377 E, 8638474 N
Kukaluk -1	Outcrop	Mamadewerre	53L 339226 E, 8610247 N
Kukaluk -2	Outcrop	Mamadewerre	53L 341029 E, 8606710 N
Kukaluk -3	Outcrop	Mamadewerre	53L 339643 E, 8616113 N
Myra-1	Outcrop	Nourlangie Schist	53L 314513 E, 8623532 N
Myra-2	Outcrop	Mamadewerre	53L 315800 E, 8623628 N
Myra-3	Outcrop	Mamadewerre	53L 313361 E, 8624268 N
Dune Field	Outcrop	Mamadewerre	53L 331308 E, 8629191 N
Gubara Pools	Outcrop	Mamadewerre	53L 266376 E, 8580197 N
Bardedjilidji Sandstone Walk	Outcrop	Mamadewerre	53L 279216 E, 8624163 N

Ubirr	Outcrop	Mamadewerre	53L 277591 E, 8627378 N
Jim Jim Falls	Outcrop	Mamadewerre	53L 265593 E, 8530606 N
Budjmi Walk	Outcrop	Mamadewerre	53L 262655 E, 8532579 N
PS, Road to Katherine	Outcrop	Marlgowa	53L 303501 E, 8453639 N
Nung, Road to Katherine	Outcrop	Gumarrirbang, Nungbalgarri	53L 303352 E, 8453454 N
Gum, Road to Katherine	Outcrop	Gumarrirbang, Nungbalgarri	53L 303352 E, 8453485 N
Mam, Road to Katherine	Outcrop	Mamadewerre	53L 297379 E, 8438469 N
Katherine Gorge, Nitmiluk National Park	Outcrop	Mamadewerre	53L 222309 E, 8416292 N
Edith Falls (Leliyn) Nitmiluk National Park	Outcrop	Mamadewerre, Nungbalgarri, Gumarrirbang	53L 196784 E, 8430425 N, to 199969 E, 8429296 N
Gunlom	Outcrop	Mamadewerre, Nungbalgarri, Gumarrirbang, Marlgowa	53L 220298 E, 8513570 N
Jim's Outcrop	Outcrop	Gumarrirbang	53L 338944 E, 8558169 N
Hal-Kom	Outcrop	Marlgowa	53L 316780 E, 8504884 N
Slime-Katherine R.	Outcrop	Marlgowa	53L 307670 E, 8493030 N
Stretch	Outcrop	Marlgowa	53L 299524 E, 8502779 N
Spectre (DAD-7 site, 60 km SE DA camp)	Outcrop	Marlgowa, McKay	53L 307857 E, 8472528 N
Simon's Sanctuary	Outcrop	Gumarrirbang	
Ranger Mine, Pit 3	Subcrop	Mamadewerre	53L 273752 E, 8596979 N