

Arrarra project: significant RAB geochemical results 2004

Drillhole	Area	Formation	Sample characteristics	Significant economic results	Elemental association
D04AAB0020	Two Knobs	Pxm	schist with sericite alteration; very elevated REE (all types 5 to 10x background); high Be and Sn	U:79 ppm; Au:97 ppb; Pb:710 ppm; Zn:160 ppm; Cu:126 ppm; REE 10x bg; high U/Th	Two Knobs style - U, Au, Cu, Pb, Zn, K, Al (sericite alt) (REE, Be, Sn)
D04AAB0079	"RAB79"	Pdo	saprolitic (kaolinite) dolerite; elevated REE	Au:10 ppb; Pd:54 ppb; Pt:122 ppb Pt; V:1570 ppm; Cu:234 ppm; Co:197 ppm; 25% Fe;	Dolerite layered intrusion style - Au, Pd, Pt, Ni, V, Co, Cu
D04AAB0126	Redstar	Pdz	amphibolite with montmor & kaol weathering; strongly elevated REE	U: 2.65 ppm; Pd: 13 ppb; Pt: 11 ppb; As:19.5 ppm ; Co: 169 ppm; Ce: 256 ppm; Ni: 224 ppm; high RUI	Redstar style - U & labile U, Au, Pd, Pt, REE, As Ba Be Co Cu K Mg Ni Pb V W Zn
D04AAB0133	Redstar	Pxo	phyllite with high Fe, K and Al suggests pelitic biotite-bearing composition	U:10 ppm; Au:5 ppb; Pd:7 ppb; As:44 ppm; Co:135 ppm; Cu:398 ppm; Ni:160 ppm; P2O5:3450 ppm; high REE	Redstar style - U & labile U, Au, Pd, Pt, REE, As Ba Be Co Cu K Mg Ni Pb V W Zn
D04AAB0147	Yibulin	Pdz	sericite-chlorite altered amphibolite	Pd: 16 ppb; Pt: 10 ppb; V: 262 ppm; low Pb isotopes; high RUI	Arrarra style - U, Al, (B), Be, K, Li, (Mg), Ni, V, Pb, RUI, U/Th; low Pb isotopes; (MREE enrichment); low Si, Na, and Ca
D04AAB0158	Arrarra west	Phe	sst with abundant sericite alteration (high K)	Au: 25 ppb; Pd: 11 ppb; Pt: 5 ppb	Sandstone - Au, Pd, Pt, Pb, As & K (sericite alt)
D04AAB0159	Arrarra west	Pdz	amphibolite Mg:13%; Fe: 9.5%; K:2.8%; Al:19%; Si:43%; LOI:11%; sericite (phengitic) and chlorite alteration	U:35 ppm; V:374 ppm; elevated B, Be, Li, Ni, Pb, RUI, U/Th; very low Pb isotopes; MREE enrichment	Arrarra style - U, Al, (B), Be, K, Li, (Mg), Ni, V, Pb, RUI, U/Th; low Pb isotopes; (MREE enrichment); low Si, Na, and Ca
D04AAB0170	Arrarra	Pdo	dolerite with high K; sericite alteration	U: 23 ppm; Cu: 107 ppm; elevated RUI, U/Th; low Pb isotopes;	Arrarra style - U, Al, (B), Be, K, Li, (Mg), Ni, V, Pb, RUI, U/Th; low Pb isotopes; (MREE enrichment); low Si, Na, and Ca
D04AAB0178	Bagoose	Pdo	dolerite with mod high K, Li, Mg, LOI;mod sericite & Mg chlorite alteration;weathered: kaol + mont	U:8 ppm; very low Pb isotopes; high RUI and mod U/Th; MREE enrichment	Arrarra style - U, Al, (B), Be, K, Li, (Mg), Ni, V, Pb, RUI, U/Th; low Pb isotopes; (MREE enrichment); low Si, Na, and Ca
D04AAB0183	Injardil west	Phe	typical sandstone	Au: 15 ppb; As: 35 ppm; Pb: 37 ppm	Sandstone - Au, Pd, Pt, Pb, As & K (sericite alt)
D04AAB0197	Mamurri Hill	Pxo	phyllite with elevated Al, K, As, Au, Be, Pb, W, Zn, REE (mainly Ce); high Mg/Fe; sericite & chlorite alteration	U:8.5 ppm; Au:27 ppb; As:55 ppm; Pb:62 ppm; S:600 ppm; high RUI but not low Pb isotopes	Mamurri Hill style - U, (Au), (As), Al, K, Be, B, Li, Mg, (Pb), W, REE; high Mg/Fe; sericite & chlorite alt; occas strong MREE enrichment
D04AAB0198	Mamurri Hill	Pxo	phyllite elevated Al, K, Be, REE (mainly MREE); high Mg/Fe; sericite & chlorite alt	U: 377 ppm; high U/Th; high RUI and very low Pb isotopes	Mamurri Hill style - U, (Au), (As), Al, K, Be, B, Li, Mg, (Pb), W, REE; high Mg/Fe; sericite & chlorite alt; occas strong MREE enrichment
D04AAB0264	Injardil	Pxo	phyllite	U:15 ppm; W:4 ppm; Zn:100 ppm; Au:5 ppb	Injardil style - U K Be (Au, Pb, Zn, W, Ag, As)
D04AAB0265	Injardil	Pxo	phyllite	Ag:16 ppm; U:18 ppm	Injardil style - U K Be (Au, Pb, Zn, W, Ag, As)
D04AAB0266	Injardil	Pxo	phyllite	U:49 ppm; low Pb isotopes	Injardil style - U K Be (Au, Pb, Zn, W, Ag, As)