

Mamadawerre Project: 2009 Outcrop Sampling

SAMPLE_NUMBER	Alteration intensity	Alteration colour	Alteration distribution	Alteration type	ALT_TYPE_CODE	Alt_type_Desc	Comments
C010801	Weak	greyish-brown	disseminated	HEMATITE	HE	HEMATITE	Medium grained weakly oxidized sandstone with interstitial clays and minor uranium secondaries. Bluish-green Uranium secondaries occur on fracture surfaces while yellow uranium secondaries occur as interstitial minerals.
C010803	Weak	brown	disseminated	HEMATITE	HE	HEMATITE	Radioactive counts up to 450 cps w Medium grained weakly oxidized sandstone with interstitial clays and minor uranium secondaries. Radioactive counts up to 1200 cps were recorded on this sample.
C010805	Weak	brown	disseminated	HEMATITE	HE	HEMATITE	Medium grained weakly oxidized sandstone with interstitial clays. Radioactive counts up to 200 cps were recorded using RS 125. Weakly foliated sandstone with fabric orientation: 79/002.
C010806	Weak - Modetate	brown	disseminated	HEMATITE	HE	HEMATITE	
C010807	Weak - Modetate	brown	disseminated	HEMATITE	HE	HEMATITE	Medium grained weakly oxidized sandstone with interstitial clays and uranium secondaries. Radioactive counts up to 9000 cps were recorded on this sample. A weathered fine-medium grained hematite altered sandstone with radioactive counts averaging 870 cps measured with RS125. 0.6% K, 5.7 ppm U and 7.4 ppm Th were recorded on this sample.
C010808	Weak - Modetate	brown	interstitial	HEMATITE	HE	HEMATITE	A weathered fine-medium grained hematite altered sandstone with radioactive counts averaging 250 cps measured with RS125
C010816	Weak - Modetate	brown	interstitial	HEMATITE	HE	HEMATITE	Medium grained weakly oxidized sandstone with radioactive counts averaging 160 cps. Minor ferricrete rubble could be responsible for uranium anomalous signature. Collected on the EW trending anomaly, to the west of MM080407.
C010818	Moderate	brown	interstitial	HEMATITE	HE	HEMATITE	Ferruginsed pebbly sandstone possibly derived from consolidation of riverbank sediments. Radioactive counts averages 180, measured with RS 125 Min Spec instrument. Collected on the EW trending radiometric anomaly
C010819	Intensely	red brown (rust)	interstitial	HEMATITE	HE	HEMATITE	Ferricrete with radioactive counts averaging 350 cps
C010820	Moderate	brown	interstitial	HEMATITE	HE	HEMATITE	Ferruginsed pebbly sandstone possibly derived from consolidation of riverbank sediments. Radioactive counts averages 750, measured with RS 125 Min Spec instrument. Collected on the EW trending connecting to Daniel Fault.
C010821	Moderate	brown	interstitial	HEMATITE	HE	HEMATITE	A weathered fine-medium grained hematite altered sandstone breccia with radioactive counts averaging 220 cps measured with RS125.
C010822	Moderate	brown	moderately disseminated	HEMATITE	HE	HEMATITE	Yellow brown sandstone with radioactive counts averaging 1600. Strongly limonite altered with uranium secondaries along fracture planes and veins.
C010824	moderate	brown	moderately disseminated	HEMATITE	HE	HEMATITE	Oxidized consolidation of river bank sediments. Radioactive counts averages 880 cps.
C010827	Weak	brown	moderately disseminated	HEMATITE	HE	HEMATITE	Grayish fine grained fault gouge material with radioactive counts averaging 1500 cps. The main fracture pattern sandwiching the gouge material trend 300 dipping 86 degrees to the east
C010828	Moderate	brown	interstitial	HEMATITE	HE	HEMATITE	
C010830	Moderate	brown	interstitial	HEMATITE	HE	HEMATITE	A massive medium grained sandstone with closely spaced fracture set (trending 300 degrees). Uranium content up to 770 ppm, measured with SPP2.
C010831	Strong	brown	irregular spots - blotches	HEMATITE	HE	HEMATITE	A weathered fine-medium grained hematite altered sandstone
C010836	moderate	red brown (rust)	pervasive	HEMATITE	HE	HEMATITE	Ferruginous Cretaceous Sediments . Radioactive counts averages 250 cps.
C010837	Strong	red brown (rust)	pervasive	HEMATITE	HE	HEMATITE	Ferruginous Cretaceous Sediments . Radioactive counts averages 200 cps.