

Smith & Fankhauser – 1998 – EDXA analyses of Australian ochres

Sample numbers are B. Fankhauser lab. Codes.

Na Mg Al Si S Cl K Ca Mn Fe

	Na	Mg	Al	Si	S	Cl	K	Ca	Mn	Fe	
A&A 101	A&A	200000	200000	86700000	179000000	1600000	400000	1900000	1500000	400000	172000000
Wilgie 102	A60508	1600000	0	7900000	10400000	900000	800000	200000	1100000	600000	574000000
Wilgie 103	A2839	1400000	600000	9200000	10200000	200000	200000	300000	300000	0	580000000
Wilg 115B	N-2A	1400000	700000	4800000	3700000	100000	1300000	500000	2100000	200000	621000000
Wilg 138	N-2A	1600000	1000000	4400000	7500000	0	1000000	300000	700000	300000	609000000
Book 104	A66496	3000000	7000000	7900000	32200000	1100000	800000	2000000	168000000	2000000	241000000
Book 105	A67979	1300000	31700000	7200000	30400000	400000	300000	1400000	82100000	900000	340000000
Book 106	Bookartoo MAS	1400000	3200000	10900000	42200000	2900000	400000	3200000	143000000	800000	264000000
Book 107	A1863	2600000	900000	3600000	19100000	2200000	800000	0	6700000	900000	565000000
Book 111	A66500	1500000	1600000	6600000	23500000	0	400000	900000	157000000	1800000	309000000
Book 112	A67980	7000000	18100000	11100000	75000000	700000	9700000	2000000	28800000	1100000	420000000
Book 113	A59022	900000	8200000	5000000	17100000	500000	200000	1100000	41900000	3000000	513000000
Book 114	N-9	3100000	6700000	4200000	12700000	300000	1800000	200000	8500000	800000	584000000
Kar 109	Karrku #7	1000000	1900000	54600000	201000000	1100000	300000	25600000	2900000	400000	205000000
Kar 108	Karrku #6	1500000	2100000	56200000	145000000	1800000	0	24200000	1600000	100000	292000000
Ulpun 116	A16845	700000	1600000	14400000	109000000	400000	800000	5300000	800000	600000	454000000
Ulpun 117	Ulpanyali MAS	600000	2200000	39100000	273000000	2000000	900000	6900000	2000000	0	132000000
Ulpun 149	Ulpanyali MAS	700000	3000000	26600000	153000000	1600000	100000	5200000	2300000	0	376000000
Lawa118A	Lawa	1000000	300000	92800000	155000000	600000	500000	1100000	2000000	0	224000000
Wan 118B	Wangiana	800000	1400000	8000000	21600000	1.68E+08	1300000	2000000	215000000	100000	89800000
Moan 119	Moana	5600000	6000000	66100000	201000000	1300000	4000000	29800000	200000	0	194000000
Purit 130		800000	900000	92300000	206000000	400000	300000	7900000	0	900000	132000000
Purit 131		600000	700000	#####	134000000	600000	0	7900000	400000	600000	233000000
Purit 132		1200000	200000	43400000	205000000	500000	100000	3400000	600000	0	232000000
Purit 133		1300000	700000	66600000	245000000	800000	700000	6600000	1000000	400000	108000000
Purit 134		1200000	1900000	20600000	181000000	800000	1400000	7500000	24900000	500000	275000000
Purit 135		800000	4100000	39800000	116000000	1000000	3900000	6100000	28000000	900000	333000000
Purit 136		1000000	900000	48000000	249000000	800000	700000	4700000	2000000	0	151000000
Purit 137		1200000	1500000	68900000	91600000	400000	100000	8700000	2300000	900000	354000000
Balgo 121		1900000	800000	3000000	9600000	800000	0	300000	700000	3300000	603000000
M II 122		500000	100000	17700000	40200000	0	0	3300000	1200000	0	537000000
C'Crk124		2900000	1300000	6200000	33800000	900000	2000000	1000000	3300000	1100000	559000000
MacD 127		1600000	9500000	59200000	197000000	0	1300000	41100000	1000000	1100000	184000000
Kut 139		800000	4300000	31500000	98100000	0	400000	9900000	5800000	900000	403000000
Kut 140		700000	8500000	33500000	109000000	0	500000	13500000	105000000	600000	207000000
Kut 141		800000	3500000	15500000	50700000	300000	0	2100000	4600000	1600000	522000000
Kut 142		2000000	6300000	41900000	115000000	500000	300000	16800000	30200000	1700000	317000000
F153 AVG		400000	39200000	7200000	25500000	300000	600000	1100000	87300000	1400000	326000000
F156 AVG		1100000	3100000	42000000	159000000	2200000	1600000	8900000	2600000	300000	310000000
O'land146		2600000	1500000	3200000	93900000	500000	700000	0	1300000	500000	450000000
O'land155		3200000	2300000	9700000	278000000	600000	1300000	2100000	1700000	300000	174000000
Kar/1 161		800000	4100000	#####	210000000	0	400000	52600000	500000	0	119000000
Kar/2 162		500000	500000	33700000	349000000	600000	600000	14200000	500000	0	51000000
Djibit 170		2300000	900000	5300000	73800000	200000	100000	900000	400000	100000	537000000
Dial#1 171		500000	100000	4700000	75700000	200000	200000	300000	100000	0	540000000
Tir/1 172		1000000	100000	46400000	78700000	400000	200000	1200000	300000	0	428000000
K'ka/1 174		1000000	400000	19900000	72800000	700000	500000	2300000	1000000	200000	469000000
Tir/2c 176		900000	0	48000000	134000000	1400000	300000	1000000	1200000	400000	313000000
Ark F179		600000	1800000	3500000	187000000	700000	500000	800000	2600000	2900000	285000000
Ark 181A		5700000	17000000	82100000	236000000	600000	600000	42500000	1600000	0	62100000
Ark 182B		600000	6400000	40000000	100000000	400000	500000	18300000	1200000	2000000	388000000
GarW 183		1300000	1100000	#####	128000000	200000	800000	800000	1300000	300000	214000000
Punt 184		200000	3000000	31400000	159000000	0	900000	8200000	1200000	500000	223000000
Punt 186		100000	600000	21300000	250000000	0	800000	2000000	2400000	300000	181000000
Punt 188		300000	1200000	66200000	233000000	0	300000	12600000	1100000	700000	111000000
BIPt 189		7000000	2200000	98600000	111000000	1500000	10600000	1000000	800000	300000	260000000
Nthdn 190		600000	100000	3800000	6200000	0	300000	100000	100000	600000	610000000
SisCr 191		400000	500000	1800000	3100000	100000	400000	200000	0	100000	607000000
Tool1 192		200000	3800000	65600000	254000000	400000	1200000	32500000	0	200000	109000000
Tool5 193		1100000	1500000	36700000	83500000	500000	900000	8500000	200000	900000	431000000
Kaalpi 194		200000	600000	67500000	138000000	0	700000	3000000	1000000	300000	237000000
Kaalpi 195		0	3500000	13900000	257000000	0	600000	2100000	200000	100000	45200000
Jinmn 202		700000	200000	3300000	29900000	0	500000	0	300000	800000	568000000
WM20 203		1200000	8500000	12000000	18000000	300000	1800000	800000	23200000	300000	529000000
WM17 204		800000	2300000	45500000	32100000	1300000	600000	300000	6300000	300000	495000000
SG 213		300000	1200000	7100000	21700000	200000	700000	500000	3200000	1300000	532000000
SG 216		500000	900000	16700000	110000000	1000000	400000	5700000	700000	300000	447000000
SG 217		700000	3700000	#####	144000000	400000	200000	37700000	1100000	100000	211000000
SG 219		400000	3300000	72600000	118000000	200000	500000	29700000	200000	400000	282000000