Project Name: **Banded Iron Formation Ecological Survey**
Project Code: **BIF** **Site ID:** **BRKG02** **Observation ID:** **1**
Agency Name: **WA Department of Environment and Conservation**

Site Information

Desc. By:
Locality: Brooking Hills Range, Western Australia
Date Desc.: 29/08/07
Elevation: 490 metres
Map Ref.:
Rainfall: No Data
Northing/Long.: 119.9944918
Runoff: Rapid
Easting/Lat.: -28.85725689 Datum: GDA94
Drainage: No Data

Geology

ExposureType: No Data
Conf. Sub. is Parent. Mat.: No Data
Geol. Ref.: No Data
Substrate Material: No Data

Landform

Rel/Slope Class: No Data
Pattern Type: No Data
Morph. Type: Upper-slope
Relief: No Data
Elem. Type: Hillslope
Slope Category: No Data
Slope: 19 %
Aspect: 285 degrees

Surface Soil Condition

Erosion

Soil Classification

Australian Soil Classification:
N/A
ASC Confidence:
Confidence level not specified
Mapping Unit: N/A
Principal Profile Form: N/A
Great Soil Group: N/A

Site Disturbance

No effective disturbance other than grazing by hoofed animals

Vegetation

Surface Coarse Fragments

20-50%, bouldery, 600mm-2m, ,

Profile Morphology

0 - 0.1 m ; Sandy loam;

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations Ca	Mg	K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				Cmol (+)/kg				%
0 - 0.1	5.3B	0.08A							4.2F	

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	GV	Particle Size Analysis CS	FS	Silt
		Clay									
m	%	%	mg/kg	%	%	%	Mg/m3			%	
0 - 0.1		1.13A			0.102A						

Laboratory Analyses Completed for this profile

15J1	Effective CEC
18F1_B	Mehlich 3 - extractable Boron
18F1_CA	Mehlich 3 - extractable Calcium
18F1_CD	Mehlich 3 - extractable Cadmium
18F1_CO	Mehlich 3 - extractable Cobalt
18F1_CU	Mehlich 3 - extractable Copper

18F1_FE	Mehlich 3 - extractable Iron
18F1_K	Mehlich 3 - extractable Potassium
18F1_MG	Mehlich 3 - extractable Magnesium
18F1_MN	Mehlich 3 - extractable Manganese
18F1_MO	Mehlich 3 - extractable Molybdenum
18F1_NA	Mehlich 3 - extractable Sodium
18F1_NI	Mehlich 3 - extractable Nickel
18F1_P	Mehlich 3 - extractable Phosphorus
18F1_S	Mehlich 3 - extractable Sulfur
18F1_ZN	Mehlich 3 - extractable Zinc
3A1	EC of 1:5 soil/water extract
4B1	pH of 1:5 soil/0.01M calcium chloride extract - direct
6A1	Organic carbon - Walkley and Black
7A2	Total nitrogen - semimicro Kjeldahl , automated colour