Project Name: **Banded Iron Formation Ecological Survey**
Project Code: **BIF** **Site ID:** **JACK25** **Observation ID:** **1**
Agency Name: **WA Department of Environment and Conservation**

Site Information

Desc. By:		**Locality:**	Jack Hills Range, Western Australia
Date Desc.:	27/08/05	**Elevation:**	620 metres
Map Ref.:		**Rainfall:**	No Data
Northing/Long.:	117.25409998	**Runoff:**	Very slow
Easting/Lat.:	-26.04325226 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:	Crest	**Relief:**	No Data
Elem. Type:	Summit surface	**Slope Category:**	No Data
Slope:	2 %	**Aspect:**	322 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%, stony, 200-600mm, ,

Profile Morphology

0 - 0.1 m ;

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations				Exchangeable	CEC	ECEC	ESP
			Ca	Mg	K	Na	Acidity			
m		dS/m				Cmol (+)/kg				%
0 - 0.1	4.2B								0.8F	

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size Analysis			
								GV	CS	FS	Silt
		Clay									
m	%	%	mg/kg	%	%	%	Mg/m3			%	
0 - 0.1		0.47A			0.037A						

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_PB	Mehlich 3 - extractable Lead
18F1_S	Mehlich 3 - extractable Sulfur
18F1_ZN	Mehlich 3 - extractable Zinc
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