Project Name: **Banded Iron Formation Ecological Survey**
Project Code: **BIF** **Site ID:** **EDAM08** **Observation ID:** **1**
Agency Name: **WA Department of Environment and Conservation**

Site Information

Desc. By:		**Locality:**	Gullewa Range, Western Australia
Date Desc.:	07/10/06	**Elevation:**	298 metres
Map Ref.:		**Rainfall:**	No Data
Northing/Long.:	116.48682886	**Runoff:**	Moderately rapid
Easting/Lat.:	-28.57116871 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:	18 %	**Aspect:**	75 degrees

Surface Soil Condition

Erosion

Soil Classification

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

Site Disturbance No effective disturbance other than grazing by hoofed animals

Vegetation

Surface Coarse Fragments 50-90%, stony, 200-600mm, ,

Profile Morphology

0 - 0.1 m ; Clayey sand;

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	5.9B	0.03A							4.89F	

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		0.74A			0.085A						

Laboratory Analyses Completed for this profile

15J1	Effective CEC
18F1_AL	Mehlich 3 - extractable Aluminium
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