

Coal Tip Name	Godre'r-Graig Higher / Pentwyn No. 3 Levels	Tip Ref Number	L044C		
		Ownership Status	N/A		
Located In	Godre'r-Graig, Neath-Port Talbot	Tip Category	D		
Inspection Led By		Date of Inspection	07/07/2022	Date of last Inspection	15/02/2021
Weather	Sunny	Dry	Calm		
General Remarks (e.g. access, limitations)	Access to the site was gained via an access track situated just off Graig Road, which leads to Pentwyn Farm. It should be noted that this inspection was conducted without the benefit of a detailed site plan. Densely overgrown vegetation across the tip surfaces obstructed visual inspection; therefore, instability within these areas could exist, but was not detectable at the time of the inspection.				
Features Causing Concern	Description				
	i.	Visual walkover inspection has become obstructed by dense vegetation growth.			
	ii.	Several minor slips situated along the toe, adjacent to the access track.			
	iii.	Dense vegetation partially obstructing the unlined channel at the back of the tip. Surface runoff migrating downslope and off-site along the access track.			
	iv.	Silt and rock debris partially obstructing the cast iron culvert inlet, situated at the base of the unlined channel.			
	v.	Multiple seepages situated on the north-eastern section of the tip plateau.			
	vi.	Heavy scouring along the access track, situated adjacent to the toe of the tip.			
	vii.	Scoured sections of the flank along the eastern boundary. Scoured, undercut sections of the toe, where seepages and the unnamed issue/watercourse cascades onto the access track.			
Item	Change to Condition (New, Worse, No Change or N/A)	Description			
Ground Movement					
1	Within body of the tip	No Change	Distortion (curvature) of some mature trees, situated along the flank. Potentially indicative of historical movement of the flank. Several minor slips situated along the toe, adjacent to the access track.		
2	Above the tip	N/A			

3	Below the tip	N/A	
Drainage			
4	Surface drainage (e.g. ditches)	New	Dense vegetation partially obstructing the unlined channel which runs parallel to the access track, at the back of the tip. Areas of ponding water along the channel. Channel is ineffectively capturing flows, surface runoff migrating downslope and off-site along the access track. Flows running adjacent to front drives/access tracks to residential houses situated off the main access track.
5	Sub-surface drainage (e.g. French drains, inclined drains)	N/A	
6	Adits, tunnels & culverts	New	Silt and rock debris partially obstructing the cast iron culvert inlet, situated at the base of the unlined channel at the back of the tip.
7	Ponds & overflows	N/A	
8	Standing water (e.g. saturated ground)	New	Saturated ground associated with multiple seepages, situated on the north-eastern section of the tip plateau. Saturated ground along the back of the tip, due to migration of uncontrolled flows.
Seepage			
9	Within body of the tip	No Change	Multiple seepages situated on the north-eastern section of the tip plateau. Several seepages emanating from the natural ground and spoil material along the toe of the tip.
10	Above the tip	N/A	
11	Below the tip	N/A	
Erosion			
12	Surface erosion	N/A	
13	Physical erosion (e.g. scour, undercutting)	No Change No Change No Change	Heavy scouring along the access track, situated adjacent to the toe of the tip, due to conveying strong, uncontrolled surface water runoff. Scoured sections of the flank along the eastern boundary, due to the strong flows from an unnamed issue/watercourse conveying down the hillside. Scoured, undercut sections of the toe, where seepages and the unnamed issue/watercourse cascades onto the access track.
Pollution & Contamination			

14	Invasive species	N/A	
15	Fly tipping	N/A	
Land Use			
16	Has the land use change	No Change	
17	Has there been any excavation	N/A	
18	Has there been any material deposited	No Change New	Sandstone quarry waste material, likely sourced from the nearby Cwar Pentwyn quarry is deposited on the north-eastern section of the tip plateau. Vehicle and machinery situated on the north-eastern section of the tip plateau.
19	Is there sign of burning	N/A	
20	Security (e.g. fencing, access gates, signage)	New	'Private Property Keep Out' signage has been implemented on the site.

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Photo No.	1	Comment	Sandstone quarry waste material deposited on the north-eastern section of the tip plateau. OHP's present in close proximity to the crest.



Photo No.	2	Comment	Sandstone quarry waste material deposited on the north-eastern section of the tip plateau. Vehicle and machinery present.

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Photo No.	3	Comment	Multiple seepages situated on the north-eastern section of the tip plateau. Associated saturated ground conditions.
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Photo No.	4	Comment	Scoured sections of the flank along the eastern boundary, due to the strong flows from an unnamed issue/watercourse conveying down the hillside.
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Photo No.	5	Comment	Dense vegetation partially obstructing the unlined channel which runs parallel to the access track, at the back of the tip. Associated saturated ground conditions. Channel ineffectively capturing flows, surface runoff migrating downslope.



Photo No.	6	Comment	Silt and rock debris partially obstructing the cast iron culvert inlet, situated at the base of the unlined channel at the back of the tip.

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Photo No.	7	Comment	View looking north-east, surface run-off emanating from the back of the tip migrating down the access track.



Photo No.	8	Comment	View looking south-west along the scoured access track (dashed red circle), situated adjacent to the toe. Steep, densely vegetated tip flank, OHP's situated in close proximity to the toe.

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Photo No.	9	Comment	Distortion (curvature) of a mature tree (dashed red circle), situated along the steep, densely vegetated tip flank.



Photo No.	10	Comment	Minor slip situated along the toe, adjacent to the access track. Thin veneer of spoil material draped over natural ground.

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Photo No.	11	Comment	Seepage from the toe of the tip, run-off migrating down the access track. Flows conveying off-site, running adjacent to front drives/access tracks to residential houses situated off the main access track.
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Photo No.	12	Comment	Scoured, undercut section of the toe, where the unnamed issue/watercourse cascades onto the access track.
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