

\$14 - Excavation Appraisal Form H&SGEO05

me/no./grid reference Site							Date			
	Tick as appropriate		е	Action required				Date for comple	tion	
Is the excavation existing or proposed?	Existin	g <mark>O</mark>	Propos	ed	0					
Has the HSE been notified?	Yes	0	No		0					
Is there a design in place?	Yes	0	No		0					
Is an inspection form and site appraisal plan attached to this report?	Yes	0	No		0					
Are there any voids beneath the excavation?		Mines	S	0	Natural caves & fissures	0	Not known	0	Unlikely	0
What is/will the nature of the materials in the floor of the excavation	?	Soil		0	Peat	0	Clay	0	Silt	0
		Sand		0	Gravel	0	Rock	0	Made-up ground	0
		Not k	nown	0	Other					
Does any pumping take place now, or is it anticipated in the future?		Yes		0	No	0				
What is/will be the maximum overburden thickness?		<1m		0	1–7.5m O		>7.5m	0		
What is/will be the nature of the overburden?		Silt		0	Peat	0	Soil	0	Clay	0
		Sand		0	Gravel	0	Rock	0	Made-up ground	0
		Not k	nown	0	Other					



Aggiver Health & Safety Risk Management System

Can/will the overburden be dug using an excavator, dragline or other machine?	Yes O		No		0			
Is there/will there be any interburden?	Yes	0	No		0			
	Please specify mater	rial					thickness	s (m)
Is there/will there be any loads placed behind the crest?	Yes C		No		0			
If yes, what is the nature of the load?	Buildings	0	Plant		0	Edge protection	O Tip/burden	0
	Other							
	Please indicate how	far it	is from the	e crest				(m)
Are there/will there be any discontinuities dipping out of the face?	Yes	0	No		0	Not applicable	O	
Are there any factors that could reduce the excavation stability?	Undercutting toe	0	Groundw	ater ingress	0	Surface run-off	O Overhangs	0
	Unloading foundation	s O	Other					
In the case of strong rock won using explosives (or sawing), is the vindividual face more than 15m?	vertical height of any		Yes	0	No	0	Not applicable	0
In the case of strong rock won using explosives (or sawing), where greater than 15m, but the faces are benched, is the overall slope ar			Yes	0	No	0	Not applicable	0
In the case of materials being dug using mechanical means, is the part of the excavation more than 7.5m and the overall face angle 27 (gradient 1v:2h)?	•		Yes	0	No	0	Not applicable	0





Is the bottom of any excavation/will the bottom of any excavation below any surrounding land within 30m of the perimeter?	be more th	nan 30m		Yes	0	No	0		Not applicable	0
Has the excavation failed previously or is there evidence that it may be unstable?	Yes	0		No	0		Unknow	n O	Not applicad	cable <mark>O</mark>
If the excavation failed, what kind of failure would occur?	Mud flo	W		0	Surface Erosion		0	Circular	r failure	0
	Sliding	Sliding			Toe heave/bulge)	0	Piping		0
		Topping/bucking			Wedge		0	Floor he	eave	0
	Other									
How large could the failure be?	<100m3	3 O		100-	1,000m3 <mark>O</mark>		>1,000m	n3 <mark>O</mark>		
If the excavation moved, would be failed mass be likely to endanger?	Dwellin	as		0	Places of work o	on site	0	Places	of work off site	0
		ys/railways/ca	nals	0	Footpaths/bridle		ublic ame			
	Water o			0	Fences, hedges,			(
		ad services		0	Buried services	,		()	
	Other									
Highlight on the appraisal plan the likely direction and extent of an	ny failure ar	nd those struct	ures	s at ris	k					
Could anybody be seriously injured or killed?	Likely		0	Unlik	ely	0				
Note: The excavation will be a significant hazard if a tick was place	ed against	any of the red	cho	oices a	bove					
It is therefore concluded that the excavation is/will be?	A signif	icant hazard	0	Not a	a significant hazard	d O				





Comments	
Signature of competent person carrying out inspection	Date
	Date
Date of next appraisal	

