

Town or Villa	NCB.		M		- /1
		6-inch Registe			
County	Deslaystice Six-inch quarter sheet 36 NW W	No.			-
Purpose for w Level at which nclined; in lat	National Caicl reference 44 5 579.2 455865 359 051.6: hich made exploration for coal higher commenced relative to O.D. — 599.87 feer 6.02 ter cases give angle of inclination and direction Down.	map,	a tracin ip, or a s if possib ft e is up,	sketch- de.	tal or
Made by			40.07		
Information fr	om earl examination by CHKhys. Date of selected by GHKhys.	Sinking Buch le	1957	LV	
Specimens	Additional Notes in Space Overleaf	Derb		N. W.	<u> </u>
For Survey use only)		THICKNESS	<u> </u>	— - <i>ји</i> Дертн	- 1
GEOLOGICAL CLASSIFICATION	NATURE OF STRATA	ρ_			-
	0		in.		
PPER	Openhale	7_	8	7_	8
JARBONIFEROUS VESTPHALIAN	Jacob Land Land Land Land Land Land Land Land		8	8	4
A	hundstone, Eilly, gray with a few		<u> </u>		
	- Joevels:		6	9	10
	Sunderone Silly gray		8	12	
	Juanstone.	0	2.	12	8
	danderoe ferragions, light brown			.	
	portings		1	10	
	1 9184 //	0	6	13	2
	occasional very filly partles				
	a ben small Planslike on]
	bottom foot.	15	10	2.9	0
	huddrone, pray with occasional				
	the ironatone bands;			·	
	? Naindike @ 35ft;				
	3 in the second @ 38/11in.	9	1	38	1
	Shall faile dork may occasioned				
	grace Randites; occasional				
	thin it or stone bands.	2,	4	40	5-
	hudgone, silly, dark galy with a				
	few fragments of Anthraconauta	2	10	43	3
	hudgone , Grey; Planseites; carbonaceans	<u> </u>			
	plant fragments in basal 2 in.	0	10	44	1
	COAL 15 IN.	٥	14	44	2%
	hundstone, grey, with litter Surfaces				
	and large of a lease of a first	1	0 %	45	3
	and rootless, a flatoal parties &		******	······································	***



	Number of Shaft or Bore given by Geological Survey: Blackwell Alouning No.3 Kilon	B.H.	6	Zudh.		
		Тнісі	KNESS		DEPTH	
GEOLOGICAL CLASSIFICATION	DESCRIPTION	manghe.	for	oord	45	3
JESTPHALIAN	Seatearth: buddhave, brownish grey		7			
A	with human postlets.			-	46	6
	Sundfrome, dock gray with abundance			3	40	0
	plant defents and carbonness.	5				
	partings		0	4	46	10
	COAL 6 IN.		0	6	47	4
	Seatearth: hund some, brownish goey					.,
	bith hostlets and humenous					
	lithic surfaces.		0	10	48	2,
	Sealanth Sillmone, Comparis tootles;		3	2	51	4
	Scalewith: Filtstone, light gray.		0	10	52	2
	Mudstone, Billy, gray shith bootles					
	and pear fragments.		3	10	56	0.
•	landerone, lighe frey with porlings of					
	microns partings		5	1	61	1
	Silksone, gray		O	6	61	7
•	hundstone, Sligsty belig goog;			<u> </u>		
	Planslikes; facely humans		,		/ -	7
	Sandfrome, Creamy gray with			0	62	
	about 1. corbonacion					
	microcono portings.		2,	5	65	ى
	Shale doub grey;		7	0	72	0
	3-in Horstone band @ 74 fr. 46					,
	1- in . geen canky songlare by a a 74 h 74		3	10	75	10
•	Scalerich: und grone light brown					
	with humans listeric trafaces					
	gay till with iron come hadre					
	alexander.		6	4	82	2.
	Sandsmore, light grey with					
	silvene faither in lop 1616in.				94	4
•	hundstone, Elli, grey with parties of		2	2	74	<i>!</i>
	a light frey silt stone.		3	D	92	4
	Jundsone light con with selling					
	hudstone gen; Anthraconania; Sligarly File, with Planseipes		<i>I</i>	3	98	7:
	Slightly Silli with Planslikes					
	in bottom 3in.					
	in bottom 3m.		3	0	101	7
	COAL 5-IN.		0	5	/02	Ó,
	Sealeville mudlone gray with					,
	humerous soutes.		>	2	104	2



	Number of Shaft or Bore given by Geological Survey: Sevenue A' Nors Killeven b.H.	2 1	Quarter Si	124	
Geological Classification	DESCRIPTION	THICKNESS		104	, -
WESTPHALIAN A	Seakenth: Gandokono, ereamy grey	uquy you	10	106	- -
7 1	Sandrone light paywith silterone				-
	bands and occasional	2	10	108	
	hunderene, Eilig, grey, with bands	10	8	119	
	hudwone grey with seeminge		8		
	Sandstone, Cityles graywith knowers	2	6	/22	
	hundesone Silli gray with light gray	2	4	126	
٠.	Sandyone, light gray with gray			•	
	coloraciono micareon	6	8.	/32	
•	Silvine grey; abandoni plant	5	1	137	
,-	Sundgrove, Silly que, : sporadic	6	3	144	
	Sundayone, gray, Eliquily Sill, in pateles		6	145	Ţ
	hundstone, grey; Planolites;	4	//	150	
	Those fail, dark greyn top foor,	12	7	163	
	disk gray below; human	2	6	165	
?MICKLET	COAL 71/2-14. top 31/2 in 15 cannel.	3	3½ 7½	168 169	
THIN	Seakerth: undstone, light brown,				
	guy with iron from concretions				
	huddrone, light gray with Siley	4	1	173	
	Sanderone, light quey with silverone	0	10	174	
	micaceons, Comekine, carboneen			16-	ļ
-	hudstone silly greywith silvorone		8	182	
	hudgone, gey; occasional Small			, , , , , , , , , , , , , , , , , , , ,	
•	Clark gray from 188 ft bin;				
	from 196 fs gin. to 197 ft 3 in + an				ļ



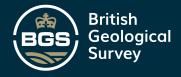
· · · · · · · · · · · · · · · · · · ·		Tun	CKNESS			F
EOLOGICAL SSIFICATION	DESCRIPTION	2	L L	ward	292	_
STOUALIAN	COAL 3 IN.		8	3	292	
A	7					
	Seafearth: mudstone, brownish grey					
	with when don't rocklets +		.,,			
	Climic Eurfaces:		0	8	293	
	Deares th: hundstone, Silky, gay, will			-		
	sooplets, isonstone concretions		3	4	296	5
* •	Silkrone, gray with numerous light					
	Ever sandline partings;					
	locasional rosileis.		į.	7	298	_
	Sandgione, creamy queywith inequeles			1		
	Silvenone portings; vary about					
	base with inclusion of silterone					ļ
	in bottom inch.		3	0	301	<
	hudstone, Gilly, gray.			4	302	7
	Sund Hove, creamy gray; abundant					
	flant fragments; humarons					
	bands and portings of tilk					
	hudstone + carbonacean		8	4	2/5	
-	hitaceons pollings.		7		310	
	hunderone Silly gray with fastings			·		
	of Selksone below 317 fs;	•	***************************************			
	Planolikes from 320 fr.;		,.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	hussel fragmers a 321 fogi;					
	between 335 fr + 537 fr the		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	Silk vone poings become very					ļ
	Sandy Micacions + humerous		30	0	340	8
	hunderone, grey, slightly till; in					
	parkes numerous vague				3	
-	Planolike'		2,	4	3+3	
	There fairly dark gary at top					
	humerous vague Planslites	7.j	.,			
	+ Same definate Emall Rand ks					
	occasional Belochapha Kochi.		4	6	347	(
	Sandstone, light gray with human				,	
	plant fragments.		0	4	347	1
	Tillstone, fairly dark grey with					
	Sandstone, light quey; numans		0	6	348	4
	Javastone, light grey; numerous					ļ <u>.</u>
	corporaciono meaceons		,,,,			
	partings.		~	8	351	
	illotone gray with light gray Sandstone			8	331	ļ .
	banks; fairly humans plant pape	e.k	3	8	3574	9
	Sandstone light grey with dark you, micaccon siltone goutings	7.8				
			10	6	365	2



В	Packwell 'A' No. 3 Kilkron B.H.	-	Quarter	72	6
Geological	DESCRIPTION	THICKNESS			7 6
CLASSIFICATION	<u></u>	ought fore	metal	183	2
PESTPHALIAN	isolated fish scale @ 199 fs.;				
Α	occasional anthraconanta below				
	200 fr + Very occasional ostracods;				
	Anthersearch facely humerous				
	balos 208 fi; Kelorhophe Koehi				
	@ 210 fs 6 in .; he mussels 'seen				
	below 217 ft. Where only forcils				
	a deason Marshipes				
	abelochaphe Kochi @ 218/10m	7 7		220	1
	Coal portings in batter 2 in	37	4		1 -
	Variation and College		0	221	
	Seaporth undergone tilly grey, will				
	Conestions: becomes more				
	Sels dermands	4 7	10	229	4
	hundstone, gray seith occasional	P			
	poster mbs 2 for: Planse tes				
	from 236 for 3 in ; fairly down				
	gray with poorly preserved				
	Jusses in bour wier.	21	8'	251	0
	Leaparth: undflore, Felli, Cray,				
	with Posileis; Very micaleous	4	0	255	φ.
	huderone, Silly, gray; abundant				,
	plans fragment & occasional				
***	rocileis.		10	255	(
	Sanderone light gray with summer.				
	bande of glay siltone				
	fragments:		4	2\$7	2
	hudsone, grey; Navackes who wills				
	Vague flandlike + sees ince				
	deginate flanolite.				
	2 in it and some band @ 259 fr 2 in.				
	Isolalid hurses @ 269fsbin. + 272fs.	16	4	275	6
	hudson facily dark grey;				
	Certain bellding places their				
	Kon fills to the me and the sails				
	Very filly, with occasional fish	2,	,	275	7.
	Lea booth hundran Cili tail			-/3	·/
	darligher: woorkeld.	1	5	277	0.
••	hudstone from the accasional				······································
	respects in top foor; occasional				
	Gilly partles of this Bonstone				
	Gilt, parles + the ronstone bunds; Planslites;				
	2-in pensione band @ 289ft.	/3	0	290	0
	Shall, dark frey; very occasional				
	Klanol Jes; oleasional Very				<u> </u>
	Root preserved muscel.				
	occasional ostracod; botton			,	
	hich carponareous.	2	ا ر ا	292	2



	Number of Shaft or Bore given by Geological Survey:	ber of Shaft or Bore given by Geological Survey:				SKYANE/9		
			125		72	K	7	1
GEOLOGICAL CLASSIFICATION	DESCRIPTION	Ti outle	HICKNESS	ovel	رم) ا	367	0.	
NESTPHALIAN A	Sunderane, light frey with frey,		2	\$ 7		369	7	
7	hunderane, Sillij, grez; human om Renoli	es.	21	8		391	3	
	Renolites and some definition							
	Belochaple Kochi; fragmenting							
	Antivaconanta below 394 fr. 3in.		₿ 3	8		394	711	
	y Lish trements & occasional							
	bottom stoor 3 in a pour from							
	corrections plant frequents.		4	62		399	<i>5</i> ½	
(COAL SIM.							
KILBURN	Seappare : hundres , gray in the mostlety -			1.7		4		
(Con L with inequier dies bounds. 64.		<u> </u>	112		400	5	
	Sea tearish: sund grove. gren with							
B	Surfaces; Filly below 401 ft 8in.		2	8		403	1	
October 1981	BASE OF HOLE.						,	
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1								
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								شيد .
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At New Hucknall Colliery, No: 1 Sheft, old Top Hard Seem. Town or Village. Six-inch quarter sheet.XXVII H.				ONH	UMLL/
Town or Village	L _{A+}	Jew Hucknall Co	olliery, No: 1 Sh	aft, old Top	Hard Seam.
County Notts Six-inch quarter sheet XXXII N For Mr. Exact site of velicit. 1384000 1 faks N. 31985 1 inks W. 02 Attach a tracing from a map, or a sketch map, if possible. Level of ground surface above sea-level (O.D.) 482 feet. Is well-top at ground level? If not, state how far above; Shaft ft., diameter 12 ft. Details of headings Bore. — ft.; diameter of bore: at topins.; at bottomins. Lengths, diameters, perforations, etc., of lining tubes. Water struck at depths, below well-top, of (feet) See note below. Test Details Rest-level of water ft. below well-top. Suction at ft. Yield on days mins. Month pumping gallons per (max. capacity of pump gp.h. mins. hours. Rest-level of water in (month) (year) ft. below well-top. Suction at ft. Yield on days mins. WOBENING CONDITIONS Top Hard Section at ft. Rate of pumping 375 galls per file for below well-top. above below with average depression of ft. Recovery to mins. Thours Quality of water (utlach copy of analysis if available) Well made by. Date of well. Information from ADDITIONAL NOTES. The quantity of water varies considerably as between wet an dry periods. The pumping from the other seams to the Top Hard, and the quantit as shewn above. Depth Surface to Top Hard sump is as shewn above. Depth Surface to Top Hard sump is shewn for the pumping from the other seams to the Top Hard sump is shewn to the other seams to the Top Hard sump is shewness to help the sump is shewness that he top Hard sump is shewness to help the she	1.10				~ 2'nw
For Mr. Exact site of wellaft. 1384000 1 tinks M. 31,085 1 inks W. of Dunnose Dunnose Level of ground surface above sea-level (O.D.) 462 feet. Is well-top at ground level? If not, state how to above; feet. Shaft ft., diameter 12 ft. Details of headings Bore. ft.; diameter of bore: at top ins.; at bottom ins. Lengths, diameters, perforations, etc., of lining tubes. Water struck at depths, below well-top, of (feet) See note below. Test Details Month pumping gallons per (max. capacity of pump gallons per (month) (year) ft. below well-top. Highest in (month) (year) ft. below well-top. The below well-top. Section at ft. Rate of pumping 325 galls per fills for 8 hours per day. mins. with average depression of ft. Recovery to in hours. Quality of water (attach copy of analysis if available) Te have no analysis Well made by Date of water varies considerably as between wet an dry periods. ADDITIONAL NOTES. The quantity of water varies considerably as between wet an dry periods. ADDITIONAL NOTES. The quantity of water varies considerably as between wet an dry periods. ADDITIONAL NOTES. The pumping to surface is from the Top Hard, and the quantit as shewn above. Depth Surface to Top Hard sump is as follows: "Vateriloo 177 ft below, 100 r. p.m. between them to the Top Hard sump is as follows: "Vateriloo 177 ft below, 100 r. p.m. between them to the Top Hard sump is as follows: "Vateriloo 177 ft below, 100 r. p.m. between them to the Top Hard sump is as follows: "Vateriloo 177 ft below, 100 r. p.m. between them to the Top Hard sump is as follows: "Vateriloo 177 ft below, 100 r. p.m. between them to the Top Hard sump is not recei					o ph
Exact site of wellaft. 1384000 links N. 31995 links W. of a lattach a tracing from anno an asketch map, if possible. Level of ground surface above sea-level (O.D.). 462 feet. Is well-top at ground level? If not, state how far above: Shaft ft., diameter 12 ft. Details of headings Bore. ft.; diameter of bore: at top. ins.; at bottom. ins. Lengths, diameters, perforations, etc., of lining tubes. Water struck at depths, below well-top, of (feet). See note below. Water struck at depths, below well-top, of (feet). See note below. Test Details (Rest-level of water ft. below well-top. Suction at ft. Yield on. days days mins. hours. Working (Working Conditions). If the struck in ft. Working ft. hours well-top. hours. Rest-level of water in. (month). (year). ft. above well-top. below well-top. below well-top. below well-top. hours. WORKING (CONDITIONS). Lowest in. (month). (year). ft. above below well-top. below well-top. below well-top. below well-top. hours. WORKING (CONDITIONS). Lowest in. (month). (year). ft. above below with average depression of ft. Recovery to in. hours. Quality of water (attach copy of analysis if available). Well made by. Information from. ADDITIONAL NOTES. The quantity of water varies considerably as between wet an dry periods. The pumping to surface is from the Top Hard, and the quantit as shewn above. Depth Surface to Top Hard, and the quantit as shewn above. Depth Surface to Top Hard sump is as follows: "Well made by. The pumping from the other seams to the Top Hard sump is as follows: "Well for the Top Hard sump is as follows: "Well for the Top Hard sump is as follows: "Well for the Top Hard sump is as follows: "Well for the Top Hard sump is as follows: "Well for the Top Hard sump is as follows: "Well for the Top Hard sump is as follows: "Well for the Top Hard sump is as follows: "Well for the Top Hard sump is as follows: "Well for the Top Hard sump is as follows: "Well for the Top Hard sump is as follows: "Well for the Top Hard sump is as follows: "Well for the Top Hard sump	1 -				
Level of ground surface above sea-level (O.D.) 462	l l		11nks N 31985	links W. of	a map, or a chicona
Shaft	Level of gr	ound surface above sea-			(map, if possible.
Shaftft., diameter .1.2ft. Details of headings					et.
Bore. —				ŕ	
Lengths, diameters, perforations, etc., of lining tubes	Shaft	ft., diameter 12	ft. Details of headings	M18101000000000000000000000000000000000	
Lengths, diameters, perforations, etc., of lining tubes	Bore	ft.; diameter of bore	e: at topins.; at 1	bottomins.	
Test Details Rest-level of water	1				Hillian Broken (1979) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (197
Test Details Rest-level of water					
TEST DETAILS Rest-level of water	Water stru	ck at depths, below we	ell-top, of (feet)	See note belo	XV.C
TEST DETAILS Month					
Month Pumping gallons per (max. capacity of pump g.p.h. mins.	TEST DETA	ILS Rest-level of water	erft. above well-to	p. Suction at	ft. Yield on hours
WORKING CONDITIONS Top Hard Well made by Information from ADDITIONAL NOTES. The quantity of water varies considerably as between wet andry periods. The pumping to surface is from the Top Hard, and the quantias shewn above. Depth Surface to Top Hard 410 feet. The pumping from the other seams to the Top Hard sump is as follows: Waterloo, 177 ft below, 100 g.p.m. DeepmHard & Low Liain shafts contribute 80 g.p. between them to the Top Hard sump. Side 9 A. Jain, Market Surface 1 feet Water Start St		•			
Rest-level of water in					
WORKING CONDITIONS Lowest ,, in (month), (year), ft. above below Av: (month), (year), ft. above above below Not: (month), (year), ft. above above below Not: (month), (year), ft. above above below Suction at ft. Rate of pumping 375 galls. per min for 8 hours per day. mins. With average depression of ft. Recovery to in mins. hours Quality of water (attach copy of analysis if available) We have no analysis Well made by Date of well Information from ADDITIONAL NOTES. The quantity of water varies considerably as between wet and dry periods. The pumping to surface is from the Top Hard, and the quantity as shewn above. Depth Surface to Top Hard 410 feet. The pumping from the other seams to the Top Hard sump is as follows: - Waterloo, 177 ft below, 100 g.p.m. Deep: Hard & Low Main shafts contribute 80 g.p. between them to the Top Hard sump. (a) She of Staff (a) Shept (1001	with depression o	1		nours.
WORKING CONDITIONS Lowest ,, in (month), (year), ft. above below Av: (month), (year), ft. below Suction at ft. Rate of pumping 375 galls. per min for 8 hours per day. mins. With average depression of ft. Recovery to in mins. Quality of water (attach copy of analysis if available) We have no analysis Well made by Date of well Information from ADDITIONAL NOTES. The quantity of water varies considerably as between wet an dry periods. The pumping to surface is from the Top Hard, and the quantity as shewn above. Depth Surface to Top Hard 410 feet. The pumping from the other seams to the Top Hard sump is as follows: - Waterloo, 177 ft below, 100 g.p.m. DeepmHard & Low Main shafts contribute 80 g.p. between them to the Top Hard sump. Site of Lower Park Contribute 80 g.p. Between them to the Top Hard sump. (a) : No! Staff (a) : No! Staff (b) - 2 staff (c) = 3 staff					above
WORKING CONDITIONS Lowest "in (month), (year), ft. above below " Av: Suction at ft. Rate of pumping 375 galls. per min for 8 hours per day. with average depression of ft. Recovery to in mins. hours Quality of water (attach copy of analysis if available) We have no analysis Well made by Date of well Information from ADDITIONAL NOTES. The quantity of water varies considerably as between wet and dry periods. The pumping to surface is from the Top Hard, and the quantity as shewn above. Depth Surface to Top Hard 410 feet. The pumping from the other seams to the Top Hard sump is as follows: Waterloo, 177 ft below, 100 g.p.m. DeepmHard & Low Main shafts contribute 80 g.p. between them to the Top Hard sump. Sike of low Pain, Waterloo, 100 g.p.m. DeepmHard & Low Main shafts contribute 80 g.p. between them to the Top Hard sump. Sike of low Pain, Waterloo, 100 g.p.m. DeepmHard & Low Main shafts contribute 80 g.p. between them to the Top Hard sump. Sike of low Pain, Waterloo, 100 g.p.m. DeepmHard & Low Main shafts contribute 80 g.p. between them to the Top Hard sump. Sike of low Pain, Waterloo, 100 g.p.m. DeepmHard & Low Main shafts contribute 80 g.p. between them to the Top Hard sump. Sike of low Pain Research and Werleaf. Sike of low Pain Research and Werleaf. Date G.S.M. Office Pins. Map Pios. Map Site marked (use symbol on 1' Map. on 6' Map. Colored Surface of File No. No. No. On 1' Map. on 6' Map. Colored Surface of Pain Research and Pain R		Rest-level of water in	(month),	(year),	below wen-top.
WORKING CONDITIONS Lowest "in (month), (year), ft. above below " Av: Suction at ft. Rate of pumping 375 galls. per min for 8 hours per day. with average depression of ft. Recovery to in mins. hours Quality of water (attach copy of analysis if available) We have no analysis Well made by Date of well Information from ADDITIONAL NOTES. The quantity of water varies considerably as between wet and dry periods. The pumping to surface is from the Top Hard, and the quantity as shewn above. Depth Surface to Top Hard 410 feet. The pumping from the other seams to the Top Hard sump is as follows: Waterloo, 177 ft below, 100 g.p.m. DeepmHard & Low Main shafts contribute 80 g.p. between them to the Top Hard sump. Sike of low Pain, Waterloo, 100 g.p.m. DeepmHard & Low Main shafts contribute 80 g.p. between them to the Top Hard sump. Sike of low Pain, Waterloo, 100 g.p.m. DeepmHard & Low Main shafts contribute 80 g.p. between them to the Top Hard sump. Sike of low Pain, Waterloo, 100 g.p.m. DeepmHard & Low Main shafts contribute 80 g.p. between them to the Top Hard sump. Sike of low Pain, Waterloo, 100 g.p.m. DeepmHard & Low Main shafts contribute 80 g.p. between them to the Top Hard sump. Sike of low Pain Research and Werleaf. Sike of low Pain Research and Werleaf. Date G.S.M. Office Pins. Map Pios. Map Site marked (use symbol on 1' Map. on 6' Map. Colored Surface of File No. No. No. On 1' Map. on 6' Map. Colored Surface of Pain Research and Pain R		Highest in	(month),	(year),	ft. above ''
with average depression of tt. Recovery to in mins hours Per day. Well made by Date of water varies considerably as between wet an dry periods. The quantity of water varies considerably as between wet an dry periods. The pumping to surface is from the Top Hard, and the quantitias shewn above. Depth Surface to Top Hard 410 feet. The pumping from the other seams to the Top Hard sump is as follows: Waterloo, 177 ft below, 100 g.p.m. DeepmHard & Low Hain shafts contribute 80 g.p. between them to the Top Hard sump. Sike of least of the Top Hard sump. Waterloo, 177 ft below, 100 g.p.m. DeepmHard & Low Hain shafts contribute 80 g.p. between them to the Top Hard sump. (a) Sike of least of the Top Hard sump. (b) Sike of least of the Top Hard sump. (c) Sike of least of the Top Hard sump. (d) Sike of least of the Top Hard sump. (e) Sike of least of the Top Hard sump. (f) Sike of least of the Top Hard sump. (g) Sike of least of the Top Hard sump. (h) Sike of least of the Top Hard sump. (g) Sike of least of the Top Hard sump. (h) Sike of	MORKING	1 -			
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