





出现。

5K46NW 1

Moor Lane Quarry Juiseley Ganister Company - one Inch Geological Map 92 SE (Old Ser); Plain Ordnance 202 NW 69 (New Ser. ); den Inch Geological & ordnance 201. yoskis. Lot 53, 51, 50; Long 1, 43, 50" The setuation is one mile It of Guesely Station near a by road off the main road from guesley to Hawkistone. His locally known as lehitakers Quarry after the name of the owner. The quarry is schooled on an outcrop of the Rough Rock of the Mellstone - Gret - Series on the Geological Map, It hars In character the see de closely resembles that of Meanwood (p. ) and whe 32 yd rock portie Top, Hors forth, and is very unlike the Rough Rock of the aire Valley. awing to the northerly dip the bearing of yellowish grey shale increases from two feet on the south side of the quarry to to 15 feet on the north side. Beneath this cover start about 16 feet of -sandstone is guarried in three lifts and made up of a top left , 6 feet thick , a smiddle lift from Ift 9 in to 2 feet theck and a bottom left averaging 2 feet in thickness. The bedding is irregular and the shahfeakon wedges. It the Numerous haverse the rock, which is also broken in two -places by small foults on the south side of the quarry a coal, quickes thick, reses from under the sandstone and rests on a grey shale. The rock quarried is essentially a highly seliceous sandstone, varying slightly in colour



# 2K46NW/B

6" Derby 31 NW.

Description of famples Health

-60ft.	. Median	grained buff	" search on	litte in		had sende It	
	H e.		A	letre in		han coal.	at S
	: Thale , he	andy Male,	tandrane	,	- Home		
₽0 D ==		•		much	4	et sq	
85 90	u u	ų. Ir		•	4		
95	۰ ب	•	,		_	,	
	161		u 1 - 1 1/2				
110	Soft she		u honsta	u,		3-)	
120	foll fand						
130	, ,	fandoton	u 4				
135	coal	= e-					·
/+^			- (a)	ton a	1,3	Alana.	
145		•	ne, irons			•	
155	gray one	ey tanasan	-, ironston	, and			
	On an al		4				
168 141	prey of	nace	4		4		
194 178	4	ન	۸.				
185	Harl.	Cardeton	-		4 -		
190	u u	a a modern	lette u	8 CE	To The	3	
194	ų	· ·	rence "	0 (22		u	
204	и					-	
2.09	Lundy	shale	4 .	_			
2/4	/	shall	и	. Broe	Pere	And the state of the	
219	_	nous Coal	2 (65)	00.0	•		
224			shale "	y <del>y co</del> s	e		
230	,		trace of		_		
235	/		little from	_	een el	coal	
238	a	- / C	e H	′ .		4	·
240	4	614	<i>a</i> , <i>a</i>	8 Chale	•	04	
250	Fealer .	teratore,	lette proje	here &	cienso	m.	
255		,	uu	*	۲		•
260	4	4	ų n	a.	G		



		<b>_</b>		
3.	(6)	SK46 N	M/13	
265	Thele fandor	to, fine and,	, & honton Toas	>
2 70	Grey Hale	Thely fundation		ronton
280	a same a	4	10% 11 u	4
290		, gry Role, 8	tienstan	
295	4 4	, ,	٦	
300	* 4	(80)	4	
305	grey shale	& ponstave		
315	<i>U</i> 4	4		
320	4	•	<i>:</i>	-
325	4	*		
3 30		4	(36)	
335	4	4		
340	1	4		
345	•	1 9	little coal	
3 50	*	4	~ <del>~</del>	_
301	• .	9 9	lette lower sændston	-
360	4	Q .	2 1 4	
370	grey or black the	ile 4		
375	N N	4		
3/0	~ ~	. <b></b>		
385	grey & beam the	lay derdotte , gr	ey Thale & trontone	<del></del>
390		d	u 11 m 1 m	·
400	grey Phase, por	to sendy, I Thaly	sendame Llette honton	a de
405		le derettos o sena	have funte	
410	grey shale,	Landy a part		•
420		7.	•	
425	- u	Handy Phale		
430	u	N S	+ tend tan	100
436	Left dach pres	Male		
140		Phaley sereste	ne	
445	4	4		
450	46	1		
455	(Da	4		



3.	SK46NW/13
460	grey shale, and in fact laye five firm to
465	Tu y
470	9
495	Race sandation
450	grey shall
486	a, (S)
490	n 4
500	ч ,
510	4
575	c <sub>1</sub>
520	
515	u and shaley fundton
6-30	u y u y
635	u u u u
540	grey thely sandston & lette coal
545	grengehali sandy in beils
550	1
666	4
5700	Ψ
670	
575	gray o troun that
585	
590	black shall
595.	Gry Mel & coal (30, 4)
6/0	1 1
6/5	4 4
626	ney sandy micacions those
631	4
636	gray Rale sandy in faces
641	٧ 🗸
648	u & Shely fandthe
654	746
666	4 Sandy in fact & 10% Coal
¥U Q	ruley savorone alle a



5x 46 NW/13 625 grey Phely Landstone, small from tou. gry shale 650 685 still and que sand hale 690 Kard gray & beover thaty fandstone 695 700 710 715 of agillican send 720 725 230 735 740 745 750 740 770 775 100 " fandy that 185 795 per thele severton & sandy obce & ironton 800 medicing wined pale louf dendstone of tand Tale 80 5 Black Mele, Mely Sandotone + honstons dark gry Male, 10 815 Black shall olds hondon 820 825 830 dark grey shall, sandy thele, \$35 micacious tendy these that frendson, honotine, teau coal \$46 \$55 toff gray Male, Shally send ton, with ironners 155 seray Prece 859 Landy Phale & 30 % Coul



•	SK 46 N		
870	dech gry shale, sandy shale, to	the hondon .	
\$ 45	·	41	
P 80	gry sandy thate	1	
816	n , Theley sand stone	4	
890	۴		
195			
900	4		
906	4 4	4	
910	4	. 7	
915	grey shely sandston, sandy thele	24	
925			
930	4		
935	4	*	
940	4	1	
945	grey shale, shally sandstone	7	
950		7	
960	grey shale sendy in facts  sece me shale sends in facts	در. م	
965	n n may wan	well-bre "	
970	grey that sandy in fact	4	
976	pace que Maly tandome, que Male	& coal	
980	·	14	
985	grey shale, Pholograndstone, Con	le à front mo	
990	n micaceoum pair		
1000	4		
1005	11		
9015	h mostly sandy	<i>M</i>	
1025	pale que shally trendston & cool	<del></del>	
1030			
1035	grey sarry that & placy sendstone		
1040			
1050	ann Phase	go in the	
1055	grey Phace 10		
1060	u u		
1065	n they sende	ton	
<del>-</del>	<i>(</i> ,,		



udy.

45				
•	(6)	5K46N1	4/5	
1070	grey Phale,	serry shee, and	andstone	
1875	grey Phale,	sandy in facts		
10 80	· 2 4	20		
1085	٩	4,		
1090	ų	or G		
10-95	grey san & Me	ele, black thele,	I that fandston	
1100	· · · · · · · · · · · · · · · · · · ·	a.	<b>*</b>	
1105	·		47	
1110	4		ч	
1115	4		4 lele	a col
11 20	( Su		*	
1125			\Q-1	
1135	gray thaly so	andstone, u	trace coul + na	rian
1140	4	sandy Phale "	c <sub>i</sub>	•
1145	gry mely	ound the	H u	4
1150	( )	+ Fandy the	sa	
1155	ч	u)		
1160	grey sandy	Thea		
1665	gray Phale,	sandy in fact	•	
11 70	n	4		
1175	ų	ч		
1100	7	u g some	lase qualitaté das	de
1190	A	4 Thaly sand	Tone.	
1195	pugue, thele	y sandstone, dach	gray these, have co	<del>e</del> e
1200	' u '	,	7	
1205	grey shale 1.	sandy in fact.	Lan brouston	
1210	4	. 4	4	
1215	d	u	<b>7</b>	
1225	a 8	lette inonstan		
1230	и	. 4		•
1235	ч	4		
1240	4	4		
1245	(46)	4.	(6)	
1250	4	4		



## 5K46NW/13

1255	grey thaty server	me year the	ile I	
1260	a	Ja		
1270	4	*		
1275	K.	M.		trug 2 ?!
		(6)		
1285-90	grey shale ( with	cement)		
1275.	fine bale quy or	nec , famortene	& dech grey shale	
1300 405	grey shale			
1310	fore quy tand &			,
1315	grey shale , sand, is		a.	
1320-1340	gray shooley fundations		ironstan	
1345-50	v. Jine grey sand 48h		grey shale x "	
1365-60	grey shall	,	4	
4-	ey shale, sandstone + 50	ends, colo	ч	
	id grey shall	ĺ		
1375-1415	grey shaley senders	The Handy Citte	•	
1420	ply shale	(00)	ખ	
/A25	u office	be nother	•	
1430-1455	grey shale		ı	
1460	n & the	ly sandstone		
1465	grey Shely Sandstone	(		
1470-75	full grey fine me	ic. sandstone quin	Role . little a	oul.
1485 q	key mic thaley sandote	me travely shale	cacit	
1490	gray nut sandy Phale			
1495	΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄	& Thaley sands	ton	
1 600-15-0	grey Shale , ought	5 microcores + co	177 001	
1535	gray mic. sandy of	idle 8	ison those.	
15A0-1560	i u ec	, challe sandstan	<i>'</i>	(00
1565	Pale que shally sa	enastone of dar	brontion.	
	, ,			



#### SK46NW/13 Reacti Doub quy fandy shale 40 % pale gry shaley tandstone 15-75-1605 pale grey theley vandston + que sand Thate dark gry theley sardstone, steptly mis. letter ironstone 1628-1640 gray shale , sandy in part. dark gry shally tandstone 16 55-1795 dark grey shall 1500 Pale gry Maly Fandstone, gran Pras. H05-20 1825-30 dach grey shale , how brown sandston, ple clay, worth 1835 medern pared buff mir. sendton o Try Pole doch guy thate, tandy ones, H40-50 gry shale 1855,60 The in part Y Shaly sand stort 1870,75 1800 fine buff mit sendetine Kgrythale grey shale sandy the in put, I saddlow wason A86 1990-1940 nipute, sandy + mire and little coal . mysely 1945-55 dach " & fine buff savestone 19 40,65 1970,45 little gannitte + trace cool 190 1985-2020 0 pine buff sand. dach my mir. Shaley fandstone Theney Male. 2035 2045 - 2015 wedien grained paleques sand ( the opening) & little mica 2085 medium 90-2/00 fine. 2080 2105-2135 medium buff Land 2140-55 dark grey Shale & 40% line pale grey mit. sendstone lette buch quy Male 2165,70 fine pale grey mic sandran " buff mic sand fine grey mit sand & sendstone 2180-2220 dath grey wie sandy Male & grey Maley sandston 2225,30 20 fine gieg mit sand & dach guy pule 2235



# 5K 46NW/13

```
duch grey stale, sandy & mic. in part.
  2240-2305
                                                                                                                        I fine buff mis. sendets
 23/0
2315-2350
                                                                                           & fine falle que mit sendstone.
  2356
                                          ve fine grey mit. send & dach sensy mit. Ball
2360
                                           dech gry mic. sardy shall
2365,70
                                                                                                 of designey shale
2376, 50
                                    fine buff mic sandstone
2385,90
                                     med. I rained being mir. fand
                                      dain gray shale or little sand as above.
2395, 2400
                                           " " bendy mio. Shale
  240 5-2470
                                                                                                               + dach gray shale
 2475-2505
                                  fine grey mic. thaley sandstone
                                     dech greg sandy mic. Shale & little shale denestons:
2510,15
                                  dach quy shale jersey of mic. in both.
2520-2560
                                    dech que sardy mis. Shall a 1090 fine pale grey sendstone
2565
                                                                               | the fine ale. 4 ferrug. grit. | lette fine send et 2620, 2650-55, 2670/
15 90,75
 2580 - 26 75
                                       I fine guy Mit. Jand
2650
                                    deck per sandy mic. shale & the leaf min sandston
2685-2700
                                         dach grey shale
                                                                                                  have proper
2105-2730
                                        dach gry Janey Mic. Hale
2735-2765
                                           dark grey shale
 2770 - 2795
                                        dark grey landy mic. That
 2800,05
                                             dack grey then & some him baff mic. and those
2870
2815-28300 The drab mic. He sand ( stepher colorer with (Si) & dark gry Male
                              The levely fand ( gty little mica & forroway.) & dash gry Shale
 2840
                               fine buff mic fandstone
 1845,50
                                                                     Male coolys
2855-80
                                    Hard guy Shale & little found
                                                                                                              Lingula onmon. gonwelte
2885 -91
                                  mein buff sand
2891-97
                                  hard gry early mir there glitherend
2900-05
                                   dach brown sand
2910-20
2925-35
                            had quy sendy mic shale
                            fine brown seed the throughton
                                                                                                                                                                             8/10/17
2940-00
  2965-2990 guy our sand, Thale
  2995
                       Thale volar
Land Control of the C
```



### 5K46NW/B

3000 Stepth, Tandy mr. Shall 3005-3260 grey mir. sandy Phale, toft gray shall 3255-76 gen mit there 2187 - 3325 per that town the styrity mic. 3*330-3 545* 3550 have of botheren. dach gry shall -36 50 3665-3758 Hard grey Male, Kraus Citum, printer, x calite mino and at 3695 lastry limston. (office oct 100) 3760-70 Gray Calencons Shale (churry and 320) 37/5,4 mostly cenum 370,5 Blair carbon auras shall a much pyrilio ( all for 3790-3000 Bloch show, with prysite 3885 dank gry Male 3890-3907 2 a 3910-3920 calute veris 3422**-394**3 a payments guy limetons 3945 guy calcoloous mud 3940 3950-3981 grey Abrown injotale 3981 - 3991 vidach. " 3994 - 3998 poler 4000 very pyritous 4009



